

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021122\
 Data File : PP043606.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2022 14:43
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 04:43:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021022.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 11 04:48:05 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.918	3.173	111.8E6	92830878	50.547	49.424
2)	SA Decachlor...	10.070	8.553	62712296	80281786	52.793	49.484
Target Compounds							
3)	L1 AR-1016-1	5.173	4.322	35902578	30035981	494.783	490.229
4)	L1 AR-1016-2	5.196	4.341	51996072	41789530	492.991	494.615
5)	L1 AR-1016-3	5.262	4.526	32532729	23303268	494.080	498.819
6)	L1 AR-1016-4	5.368	4.575	27197059	18658445	501.511	499.277
7)	L1 AR-1016-5	5.689	4.800	25928753	22734121	493.619	497.653
8)	L2 AR-1221-1	4.142	3.401	3931778	3592831	154.434	150.621
9)	L2 AR-1221-2	4.237	3.491	5594512	5185228	291.406	287.110
10)	L2 AR-1221-3	4.318	3.571	20819953	18594922	362.427	360.453
11)	L3 AR-1232-1	4.318	3.571	20819953	18594922	428.995	432.187
12)	L3 AR-1232-2	4.883	4.341	27831671	41789530	1174.473	1170.646
13)	L3 AR-1232-3	5.196	4.526	51996072	23303268	1207.703	1191.730
14)	L3 AR-1232-4	5.368	4.618	27197059	22368123	1245.955	1293.526
15)	L3 AR-1232-5	5.471	4.800	21826134	22734121	1353.206	1210.281
16)	L4 AR-1242-1	5.173	4.322	35902578	30035981	638.929	616.149
17)	L4 AR-1242-2	5.196	4.341	51996072	41789530	628.473	620.622
18)	L4 AR-1242-3	5.262	4.526	32532729	23303268	628.531	620.783
19)	L4 AR-1242-4	5.368	4.618	27197059	22368123	636.748	619.453
20)	L4 AR-1242-5	6.171	5.177	3940106	17066032	91.244	396.442 #
21)	L5 AR-1248-1	5.173	4.322	35902578	30035981	875.724	806.330
22)	L5 AR-1248-2	5.471	4.575	21826134	18658445	384.176	381.397
23)	L5 AR-1248-3	5.689	4.618	25928753	22368123	388.642	435.897
24)	L5 AR-1248-4	6.129	4.800	4247953	22734121	60.801	387.782 #
25)	L5 AR-1248-5	6.171	5.221	3940106	3372091	56.995	58.852
26)	L6 AR-1254-1	6.100	5.177	16804977	17066032	222.416	195.414
27)	L6 AR-1254-2	6.339	5.338	18052221	15987376	160.938	209.596 #
28)	L6 AR-1254-3	6.739	5.788f	11071655	29937205	95.682	244.269 #
29)	L6 AR-1254-4	7.053	6.020	7465778	4994122	93.517	63.277 #
30)	L6 AR-1254-5	7.513	6.472	51394969	53508632	599.267	462.699
31)	L7 AR-1260-1	6.920	5.912	40555045	39603072	484.285	495.225
32)	L7 AR-1260-2	7.204	6.118	44442186	47604481	490.962	487.486
33)	L7 AR-1260-3	7.599	6.282	34559498	44731283	476.758	489.984
34)	L7 AR-1260-4	7.847	6.795	39998035	39714301	465.872	490.845
35)	L7 AR-1260-5	8.190	7.062	72742585	93790548	469.285	507.346
36)	L8 AR-1262-1	7.599	6.515	34559498	41701757	350.007	379.338
37)	L8 AR-1262-2	8.190	6.795	72742585	39714301	450.582	389.341
38)	L8 AR-1262-3	8.534	7.370	46436558	24032931	424.469	281.996 #
39)	L8 AR-1262-4	8.616	7.439	11881166	71950422	247.749	463.258 #
40)	L8 AR-1262-5	9.298	7.982	20572708	28854911	369.423	370.914
41)	L9 AR-1268-1	8.534	7.370	46436558	24032931	238.216	94.857 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

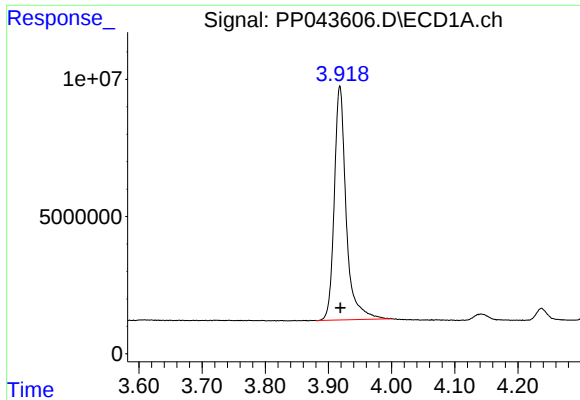
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 04:43:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021022.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.616	7.439	11881166	71950422	67.876	318.418 #
43) L9	AR-1268-3	8.856	7.663	945242	1249571	6.123	6.417
44) L9	AR-1268-4	9.298	7.982	20572708	28854911	328.795	320.873
45) L9	AR-1268-5	9.725	8.289	5954788	8456000	13.104	14.073

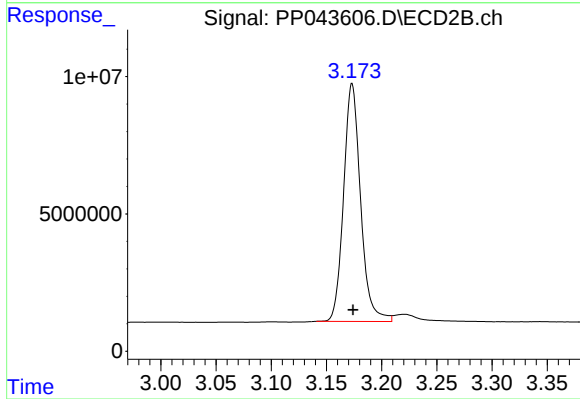
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

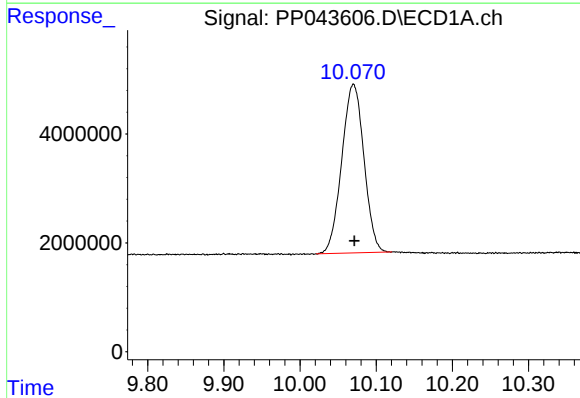
R.T.: 3.918 min
Delta R.T.: 0.000 min
Response: 111761280
Conc: 50.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



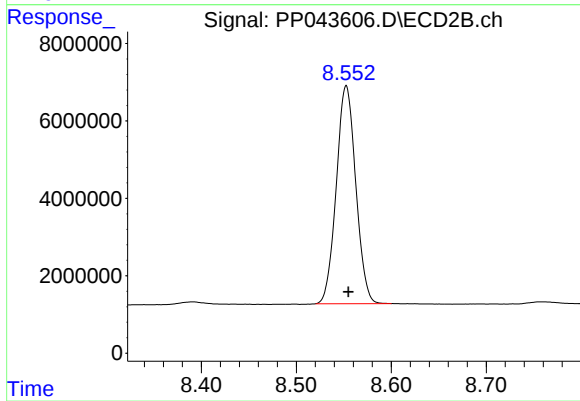
#1 Tetrachloro-m-xylene

R.T.: 3.173 min
Delta R.T.: -0.001 min
Response: 92830878
Conc: 49.42 ng/ml



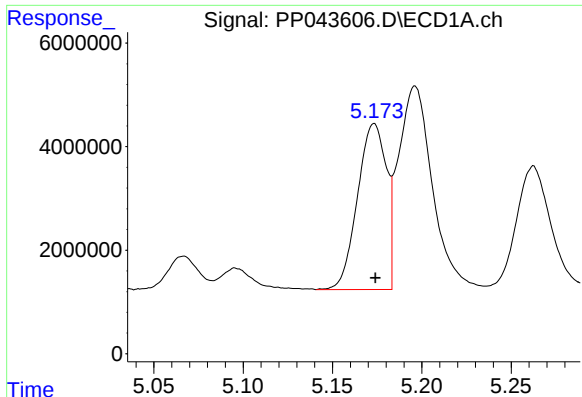
#2 Decachlorobiphenyl

R.T.: 10.070 min
Delta R.T.: -0.001 min
Response: 62712296
Conc: 52.79 ng/ml



#2 Decachlorobiphenyl

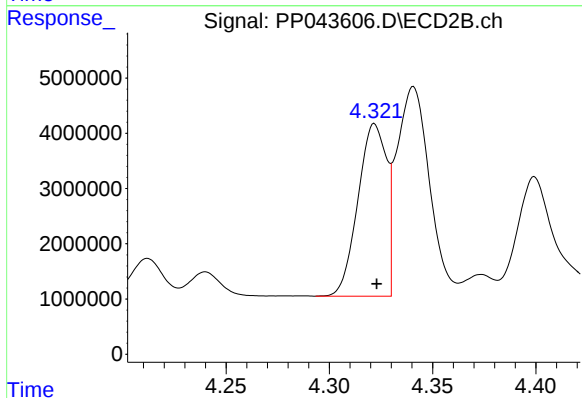
R.T.: 8.553 min
Delta R.T.: -0.002 min
Response: 80281786
Conc: 49.48 ng/ml



#3 AR-1016-1

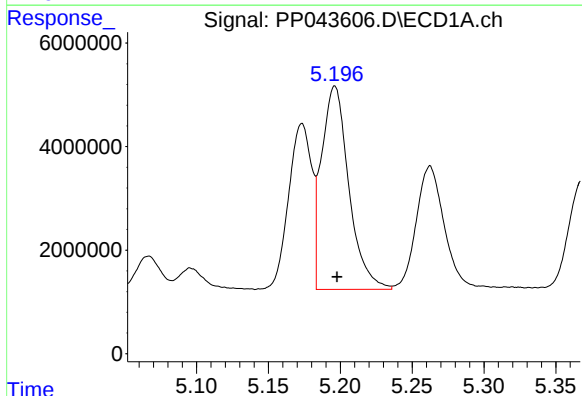
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 35902578
Conc: 494.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



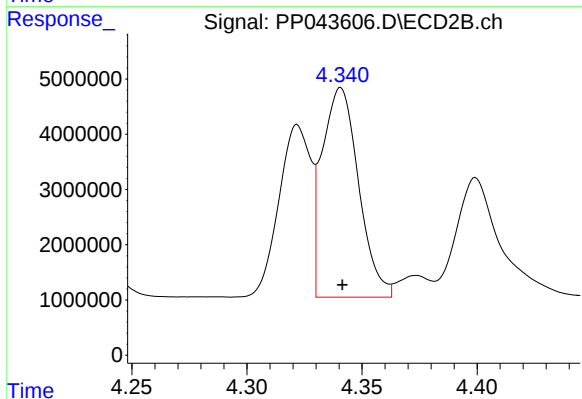
#3 AR-1016-1

R.T.: 4.322 min
Delta R.T.: -0.001 min
Response: 30035981
Conc: 490.23 ng/ml



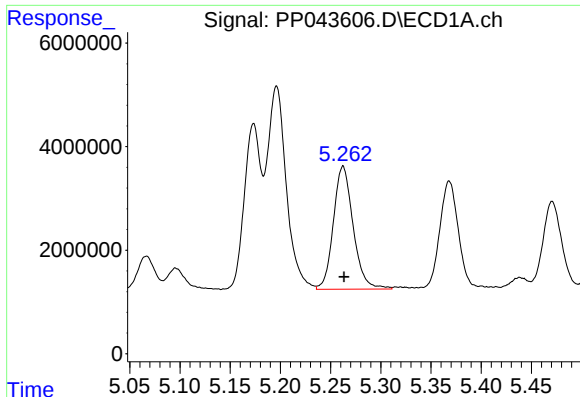
#4 AR-1016-2

R.T.: 5.196 min
Delta R.T.: -0.001 min
Response: 51996072
Conc: 492.99 ng/ml



#4 AR-1016-2

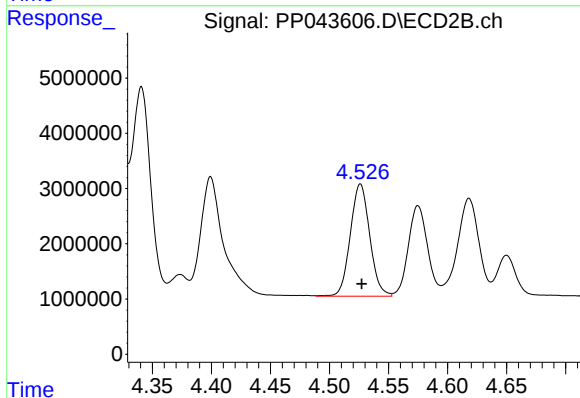
R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 41789530
Conc: 494.62 ng/ml



#5 AR-1016-3

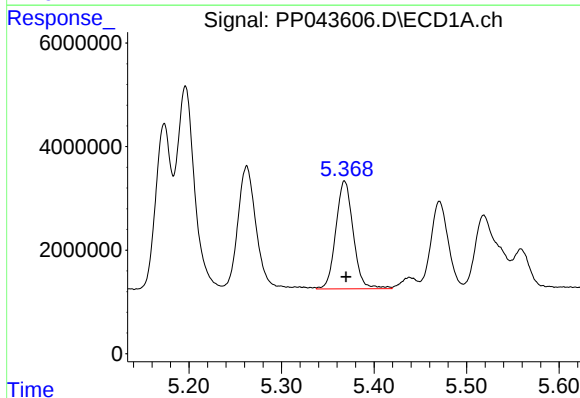
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 32532729
Conc: 494.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



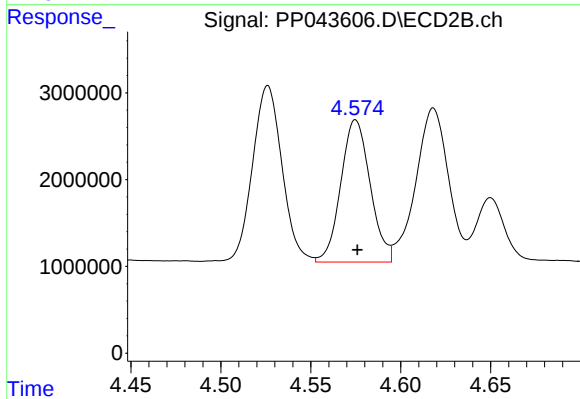
#5 AR-1016-3

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 23303268
Conc: 498.82 ng/ml



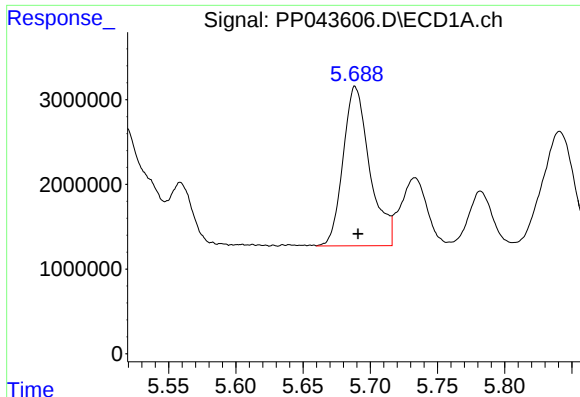
#6 AR-1016-4

R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 27197059
Conc: 501.51 ng/ml



#6 AR-1016-4

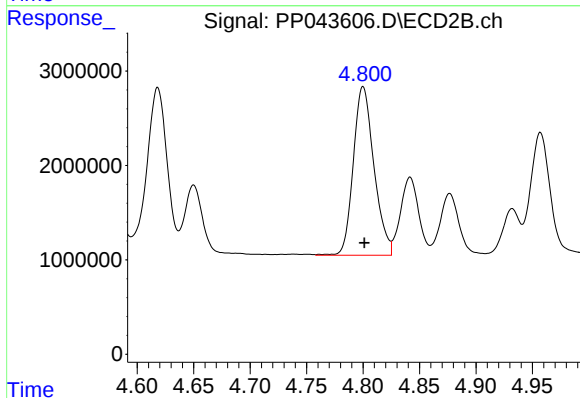
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 18658445
Conc: 499.28 ng/ml



#7 AR-1016-5

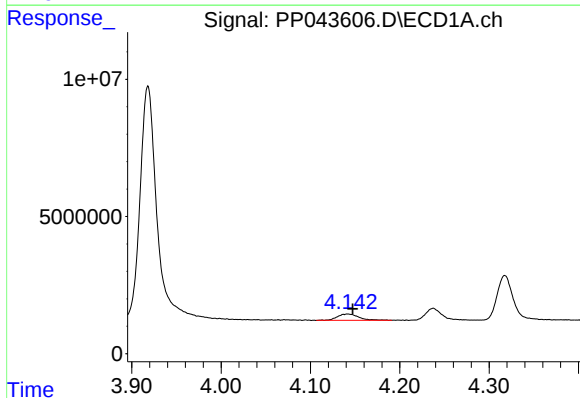
R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 25928753
Conc: 493.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



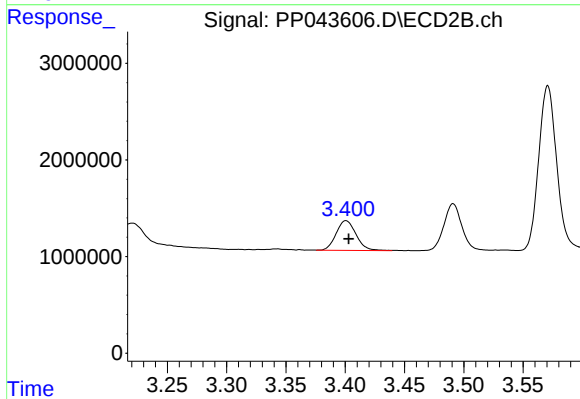
#7 AR-1016-5

R.T.: 4.800 min
Delta R.T.: -0.001 min
Response: 22734121
Conc: 497.65 ng/ml



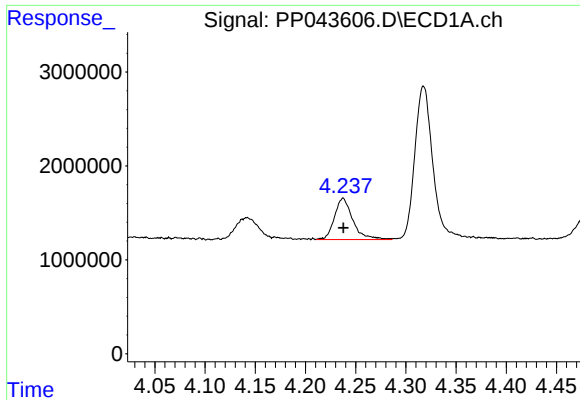
#8 AR-1221-1

R.T.: 4.142 min
Delta R.T.: -0.005 min
Response: 3931778
Conc: 154.43 ng/ml



#8 AR-1221-1

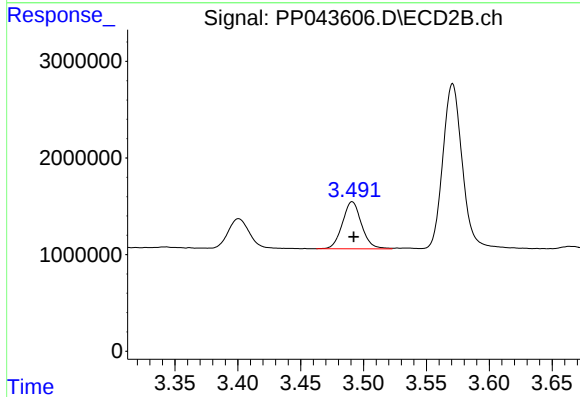
R.T.: 3.401 min
Delta R.T.: -0.002 min
Response: 3592831
Conc: 150.62 ng/ml



#9 AR-1221-2

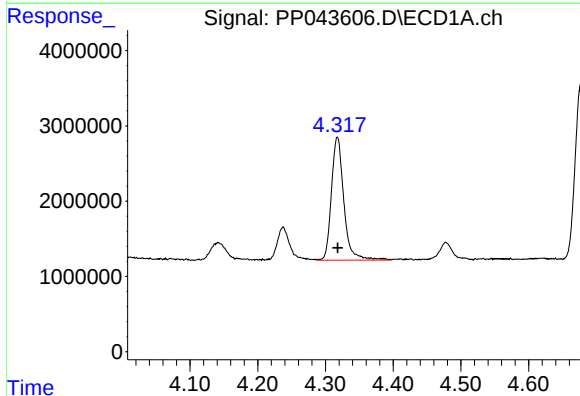
R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 5594512
Conc: 291.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



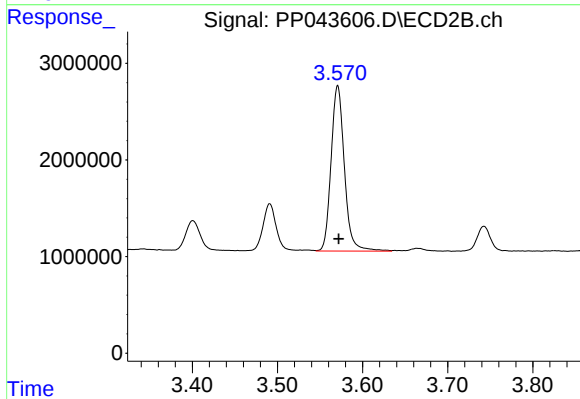
#9 AR-1221-2

R.T.: 3.491 min
Delta R.T.: -0.001 min
Response: 5185228
Conc: 287.11 ng/ml



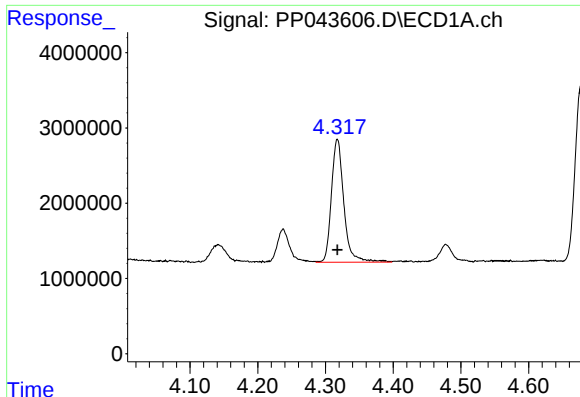
#10 AR-1221-3

R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 20819953
Conc: 362.43 ng/ml



#10 AR-1221-3

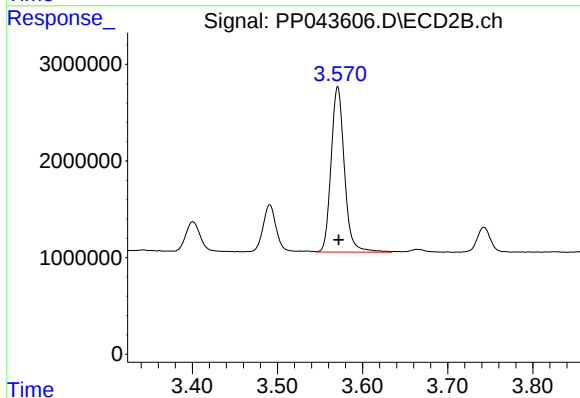
R.T.: 3.571 min
Delta R.T.: -0.001 min
Response: 18594922
Conc: 360.45 ng/ml



#11 AR-1232-1

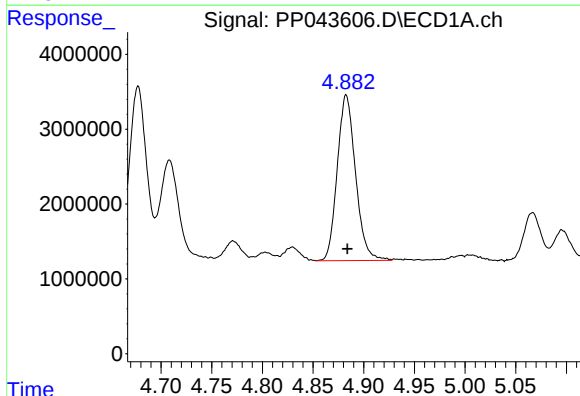
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 20819953
Conc: 429.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



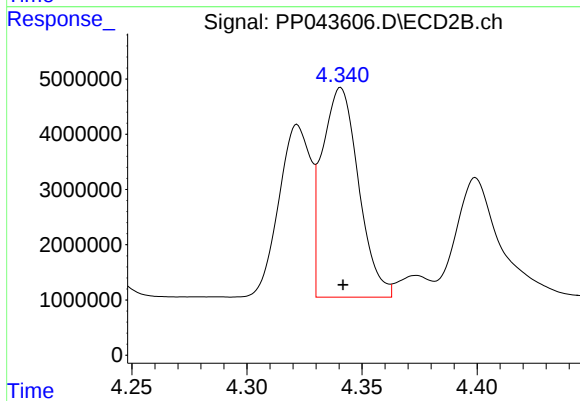
#11 AR-1232-1

R.T.: 3.571 min
Delta R.T.: -0.001 min
Response: 18594922
Conc: 432.19 ng/ml



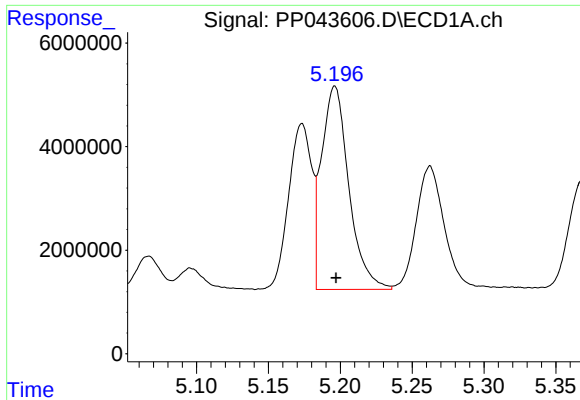
#12 AR-1232-2

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 27831671
Conc: 1174.47 ng/ml



#12 AR-1232-2

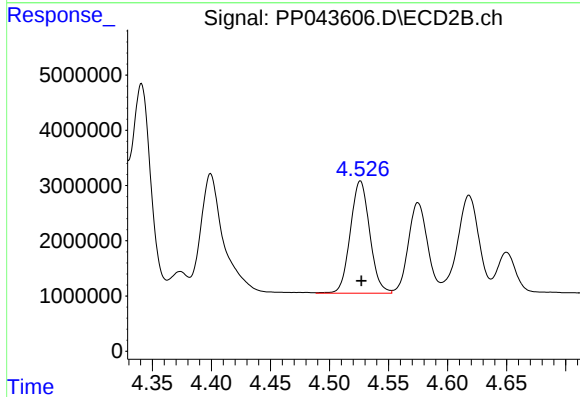
R.T.: 4.341 min
Delta R.T.: -0.001 min
Response: 41789530
Conc: 1170.65 ng/ml



#13 AR-1232-3

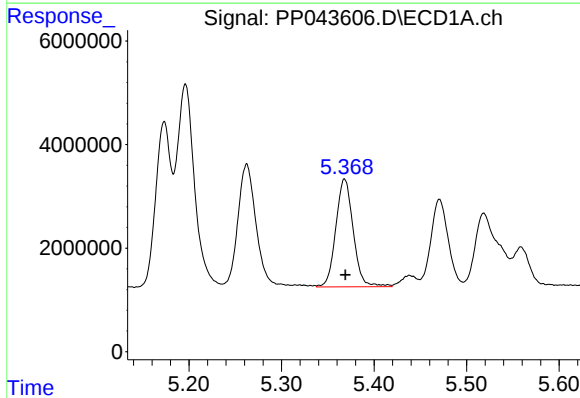
R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 51996072
Conc: 1207.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



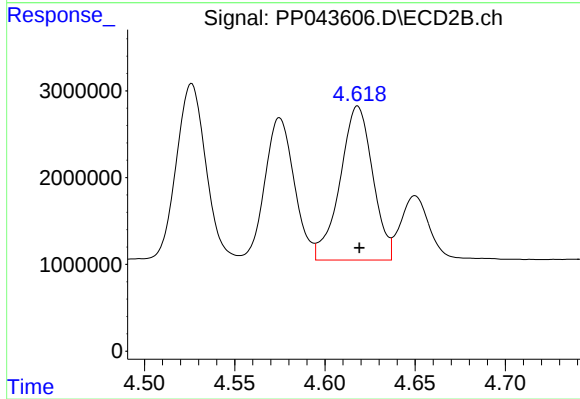
#13 AR-1232-3

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 23303268
Conc: 1191.73 ng/ml



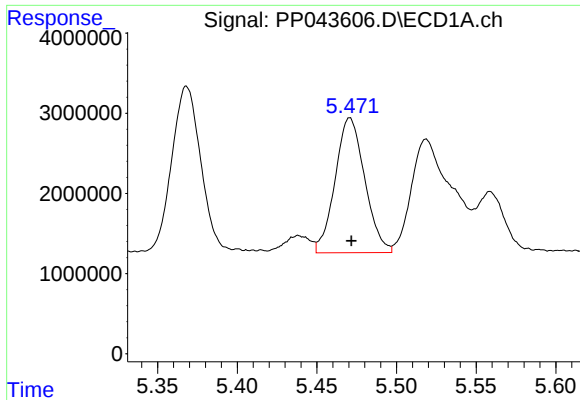
#14 AR-1232-4

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 27197059
Conc: 1245.95 ng/ml



#14 AR-1232-4

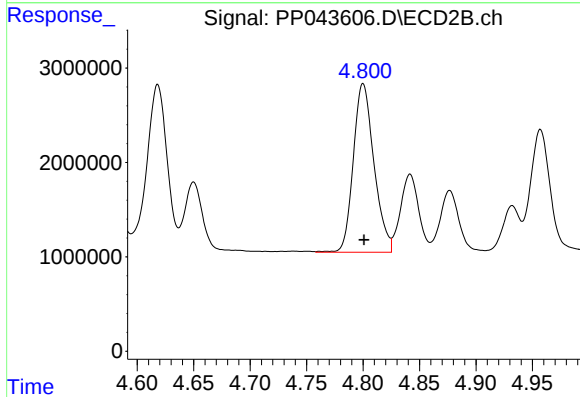
R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 22368123
Conc: 1293.53 ng/ml



#15 AR-1232-5

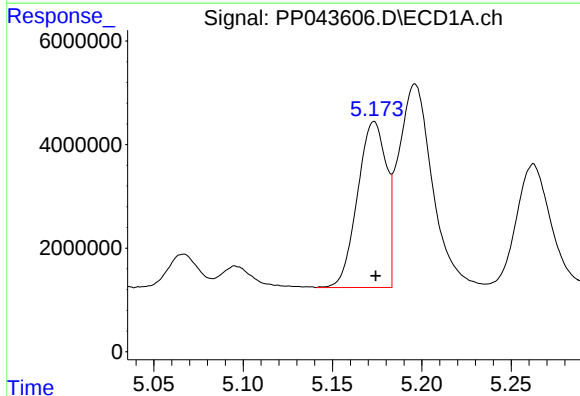
R.T.: 5.471 min
Delta R.T.: -0.001 min
Response: 21826134
Conc: 1353.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



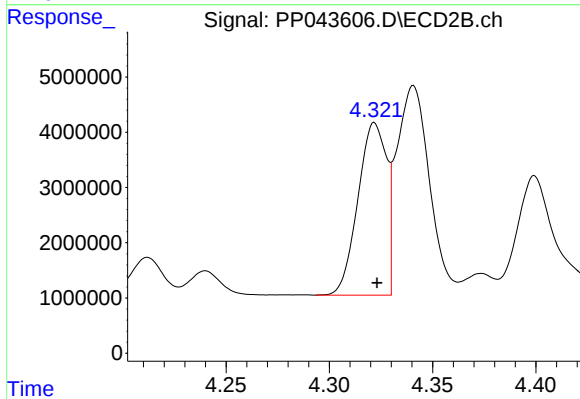
#15 AR-1232-5

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 22734121
Conc: 1210.28 ng/ml



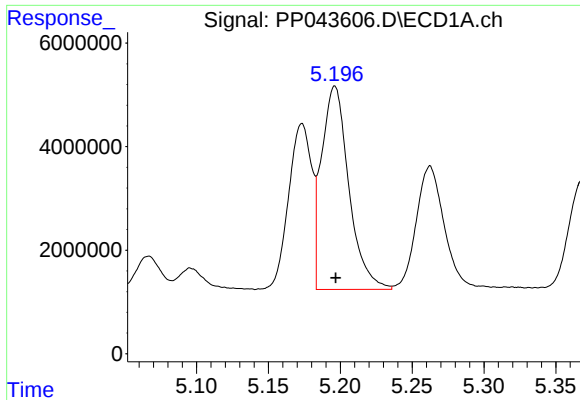
#16 AR-1242-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 35902578
Conc: 638.93 ng/ml



#16 AR-1242-1

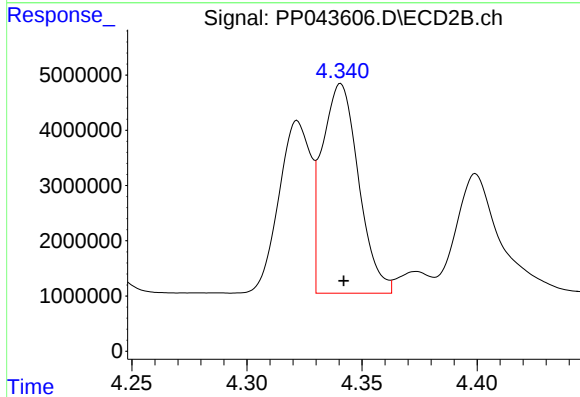
R.T.: 4.322 min
Delta R.T.: -0.001 min
Response: 30035981
Conc: 616.15 ng/ml



#17 AR-1242-2

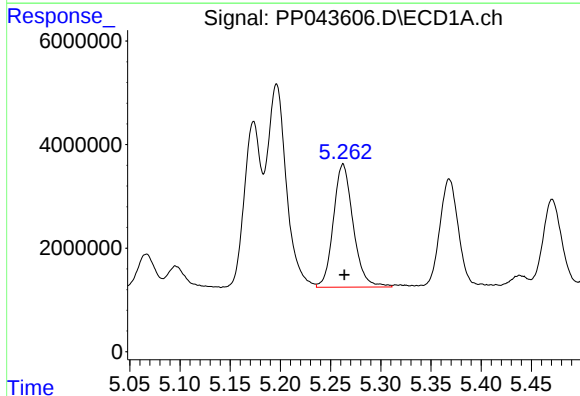
R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 51996072
Conc: 628.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



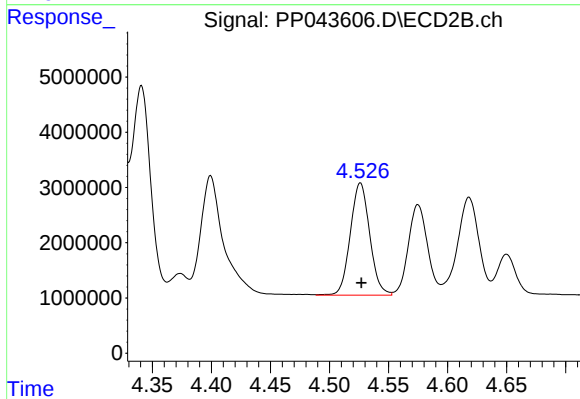
#17 AR-1242-2

R.T.: 4.341 min
Delta R.T.: -0.001 min
Response: 41789530
Conc: 620.62 ng/ml



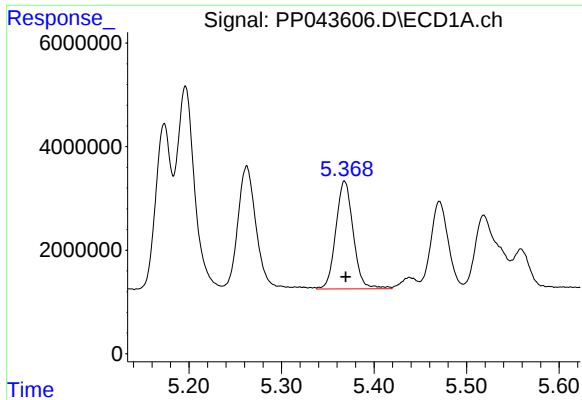
#18 AR-1242-3

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 32532729
Conc: 628.53 ng/ml



#18 AR-1242-3

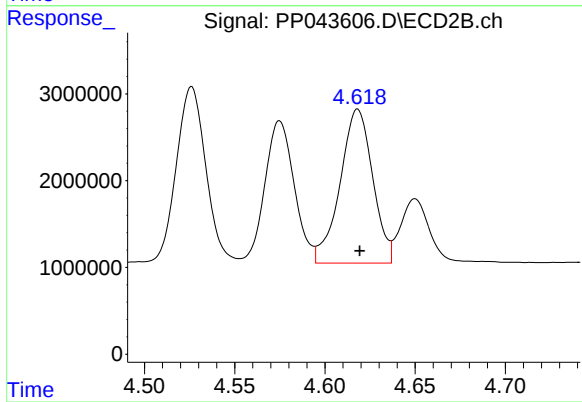
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 23303268
Conc: 620.78 ng/ml



#19 AR-1242-4

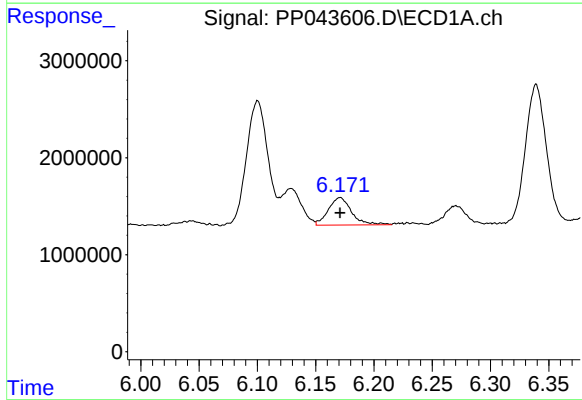
R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 27197059
Conc: 636.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



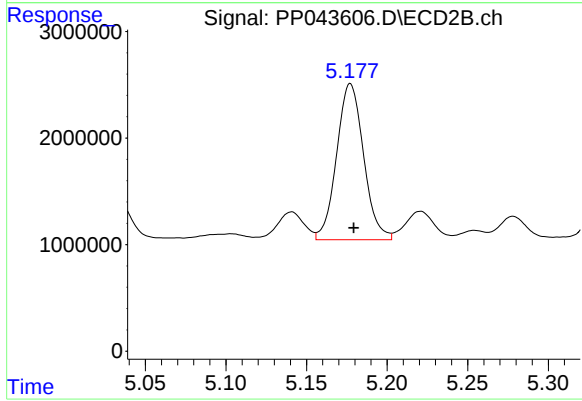
#19 AR-1242-4

R.T.: 4.618 min
Delta R.T.: -0.001 min
Response: 22368123
Conc: 619.45 ng/ml



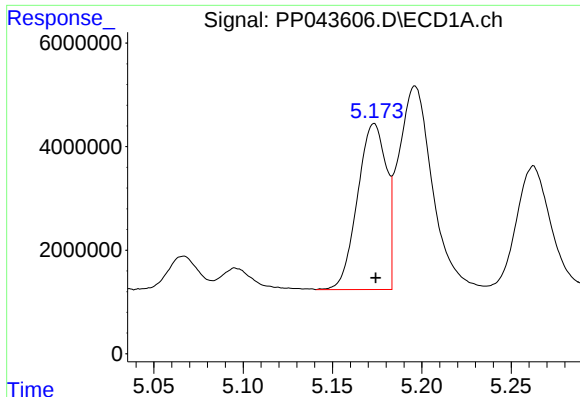
#20 AR-1242-5

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 3940106
Conc: 91.24 ng/ml



#20 AR-1242-5

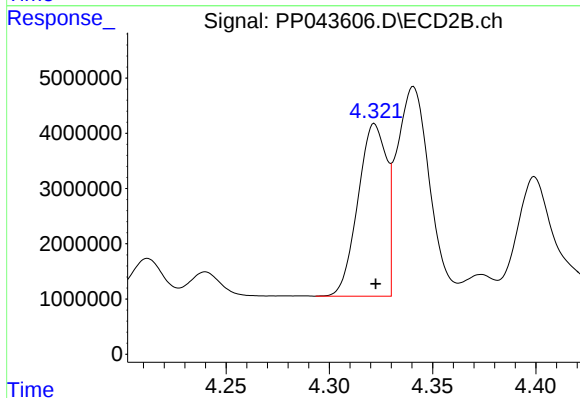
R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 17066032
Conc: 396.44 ng/ml



#21 AR-1248-1

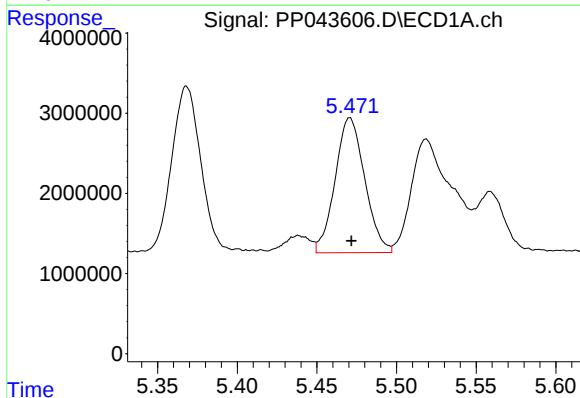
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 35902578
Conc: 875.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



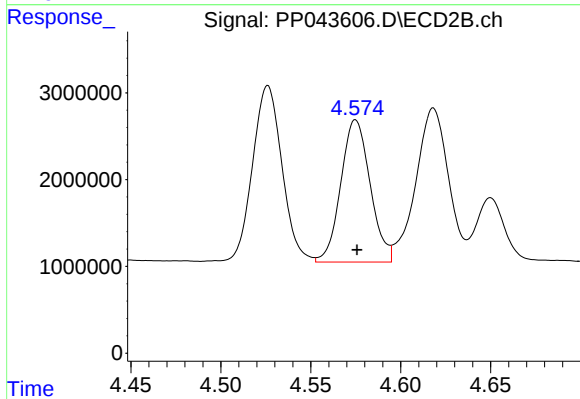
#21 AR-1248-1

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 30035981
Conc: 806.33 ng/ml



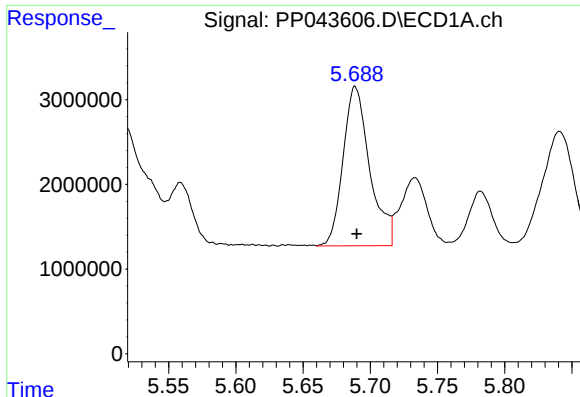
#22 AR-1248-2

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 21826134
Conc: 384.18 ng/ml



#22 AR-1248-2

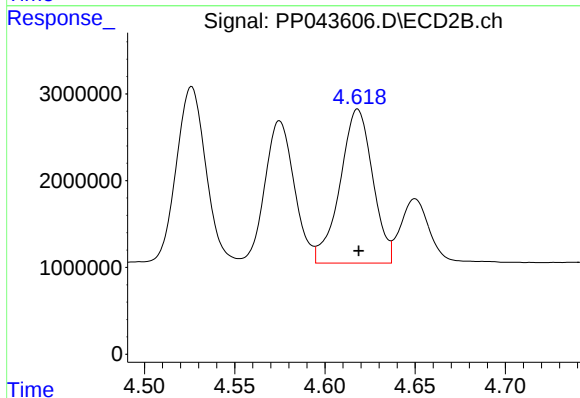
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 18658445
Conc: 381.40 ng/ml



#23 AR-1248-3

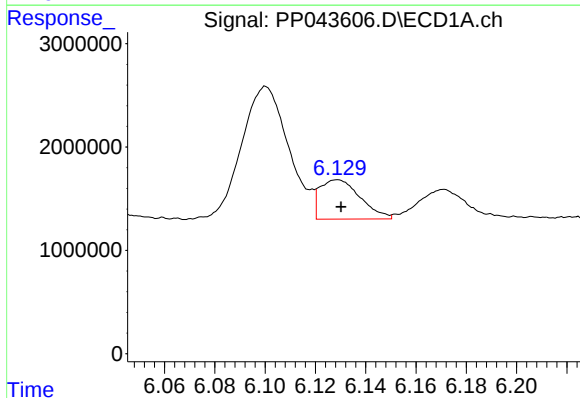
R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 25928753
Conc: 388.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



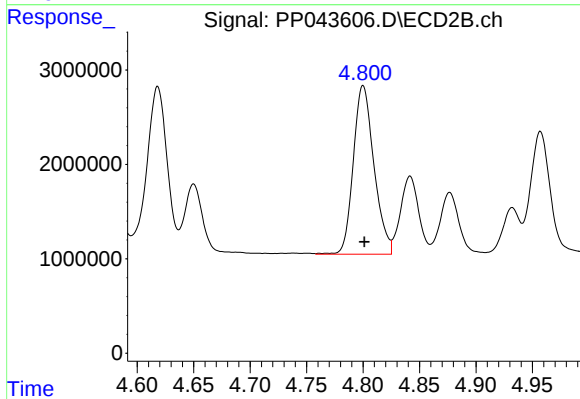
#23 AR-1248-3

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 22368123
Conc: 435.90 ng/ml



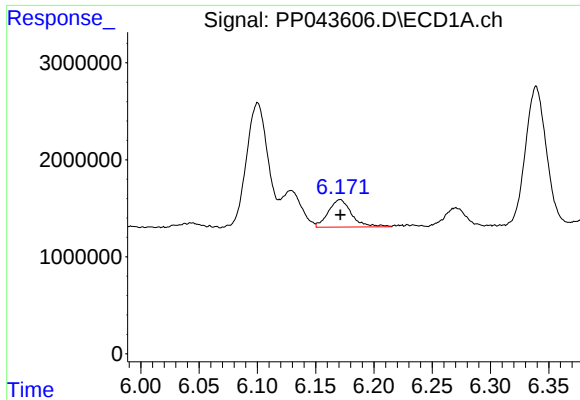
#24 AR-1248-4

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 4247953
Conc: 60.80 ng/ml



#24 AR-1248-4

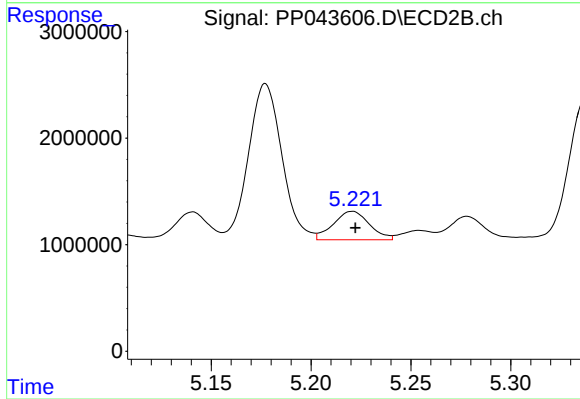
R.T.: 4.800 min
Delta R.T.: -0.001 min
Response: 22734121
Conc: 387.78 ng/ml



#25 AR-1248-5

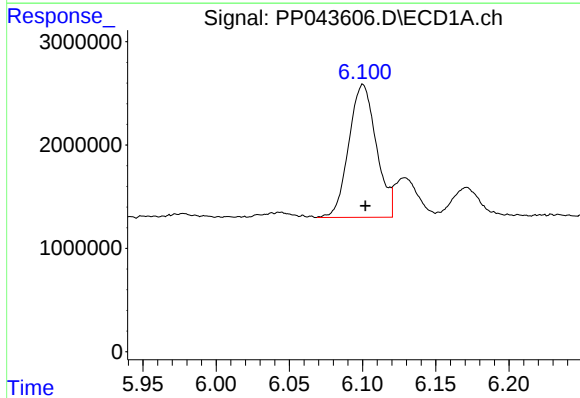
R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 3940106
Conc: 56.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



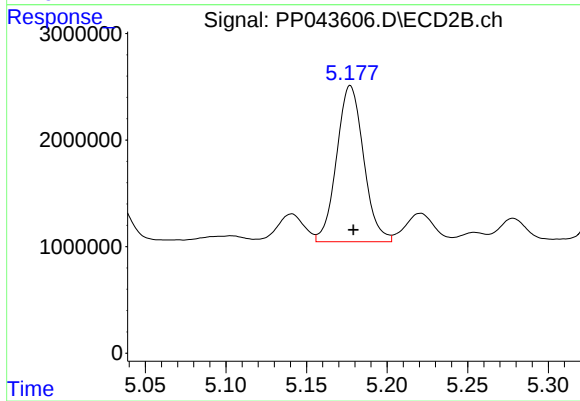
#25 AR-1248-5

R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 3372091
Conc: 58.85 ng/ml



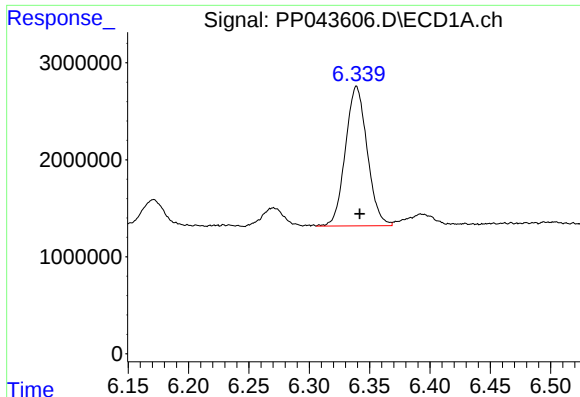
#26 AR-1254-1

R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 16804977
Conc: 222.42 ng/ml



#26 AR-1254-1

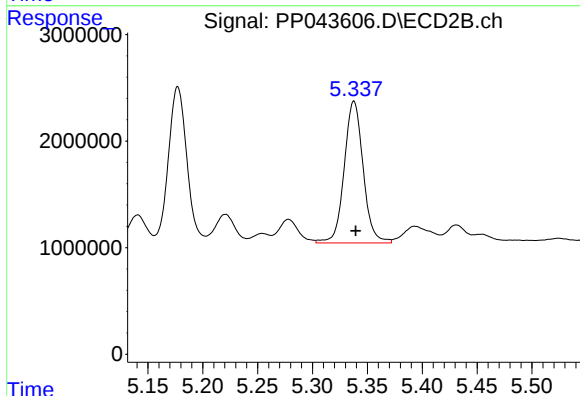
R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 17066032
Conc: 195.41 ng/ml



#27 AR-1254-2

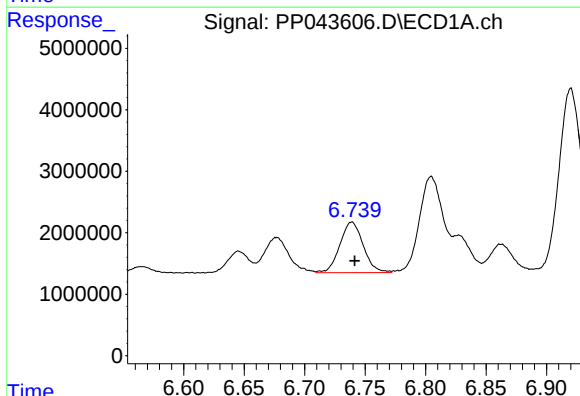
R.T.: 6.339 min
Delta R.T.: -0.003 min
Response: 18052221
Conc: 160.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



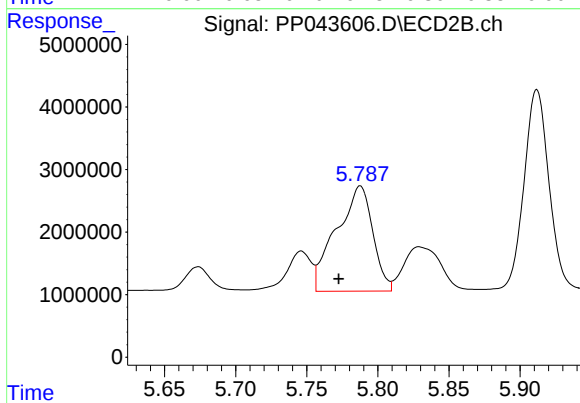
#27 AR-1254-2

R.T.: 5.338 min
Delta R.T.: -0.002 min
Response: 15987376
Conc: 209.60 ng/ml



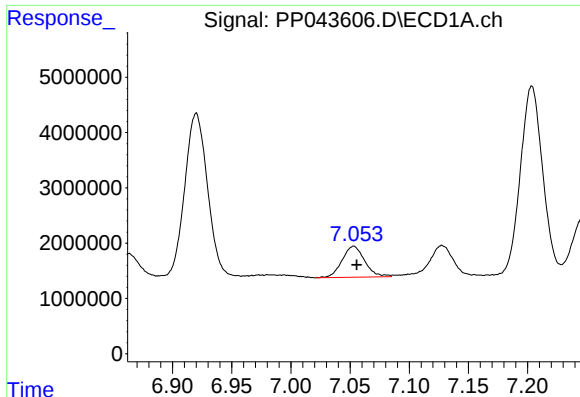
#28 AR-1254-3

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 11071655
Conc: 95.68 ng/ml



#28 AR-1254-3

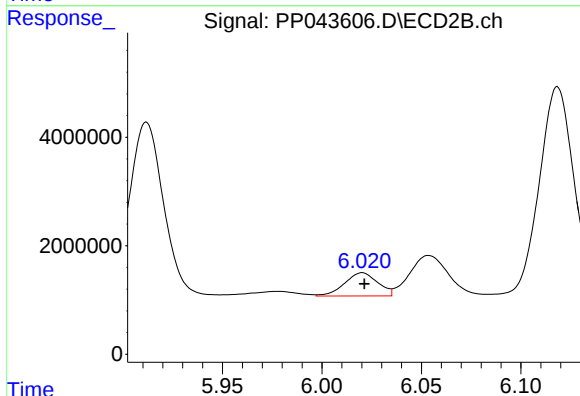
R.T.: 5.788 min
Delta R.T.: 0.015 min
Response: 29937205
Conc: 244.27 ng/ml



#29 AR-1254-4

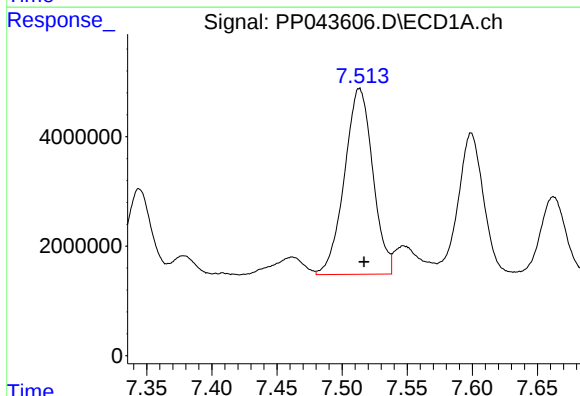
R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 7465778
Conc: 93.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



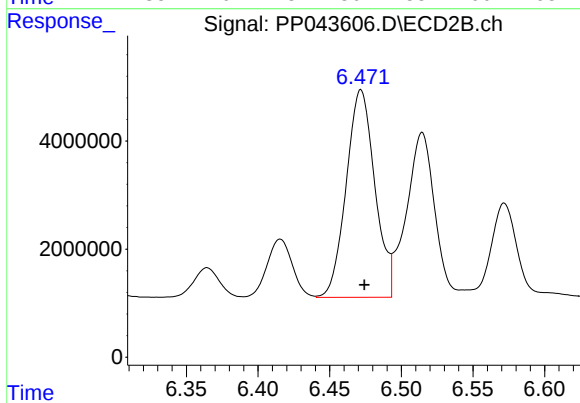
#29 AR-1254-4

R.T.: 6.020 min
Delta R.T.: -0.001 min
Response: 4994122
Conc: 63.28 ng/ml



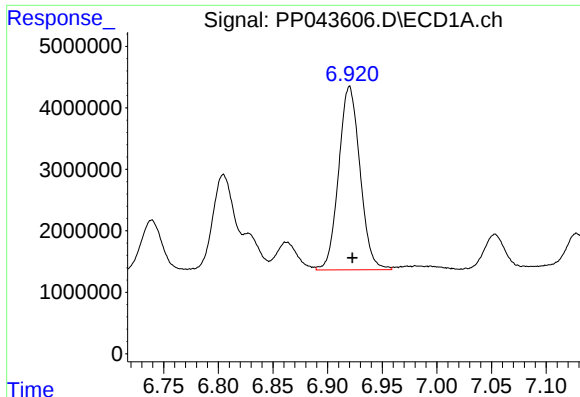
#30 AR-1254-5

R.T.: 7.513 min
Delta R.T.: -0.004 min
Response: 51394969
Conc: 599.27 ng/ml



#30 AR-1254-5

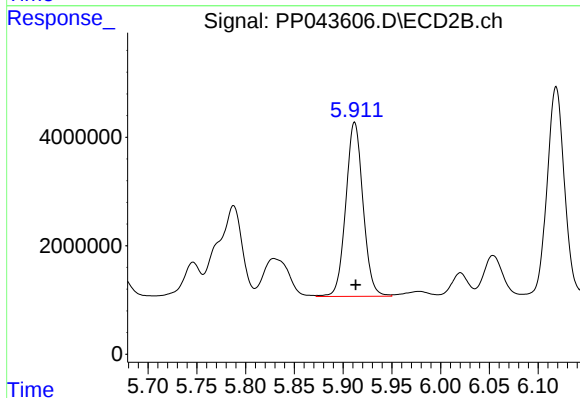
R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 53508632
Conc: 462.70 ng/ml



#31 AR-1260-1

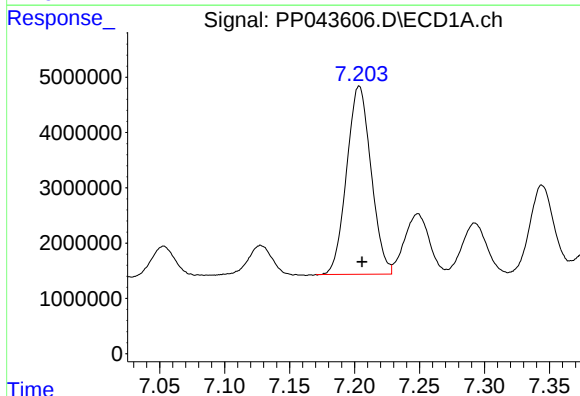
R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 40555045
Conc: 484.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



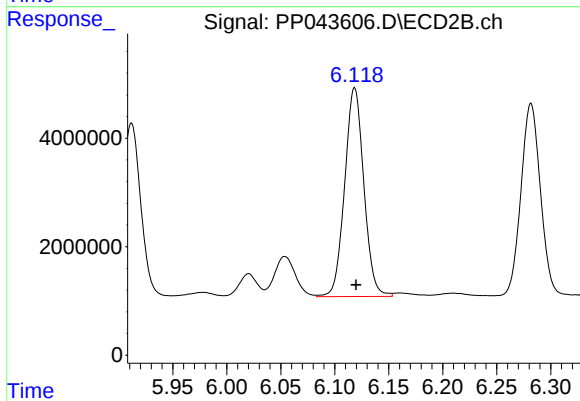
#31 AR-1260-1

R.T.: 5.912 min
Delta R.T.: -0.001 min
Response: 39603072
Conc: 495.22 ng/ml



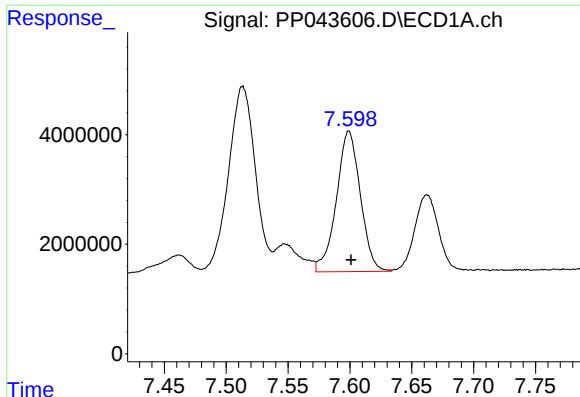
#32 AR-1260-2

R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 44442186
Conc: 490.96 ng/ml



#32 AR-1260-2

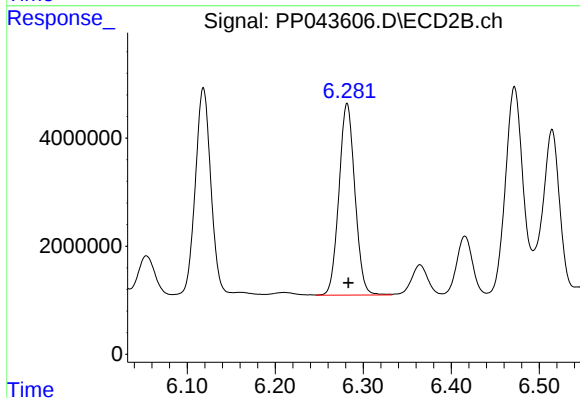
R.T.: 6.118 min
Delta R.T.: -0.001 min
Response: 47604481
Conc: 487.49 ng/ml



#33 AR-1260-3

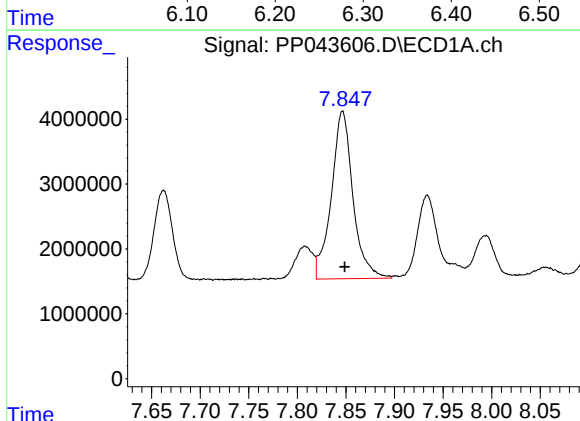
R.T.: 7.599 min
Delta R.T.: -0.002 min
Response: 34559498
Conc: 476.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



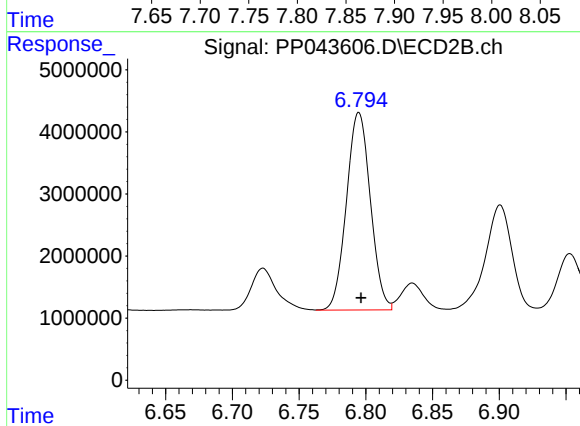
#33 AR-1260-3

R.T.: 6.282 min
Delta R.T.: -0.001 min
Response: 44731283
Conc: 489.98 ng/ml



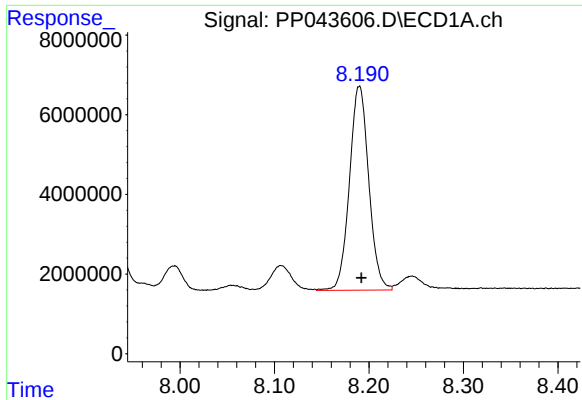
#34 AR-1260-4

R.T.: 7.847 min
Delta R.T.: -0.002 min
Response: 39998035
Conc: 465.87 ng/ml



#34 AR-1260-4

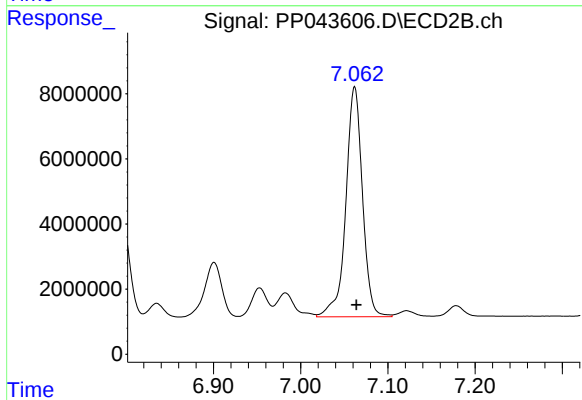
R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 39714301
Conc: 490.84 ng/ml



#35 AR-1260-5

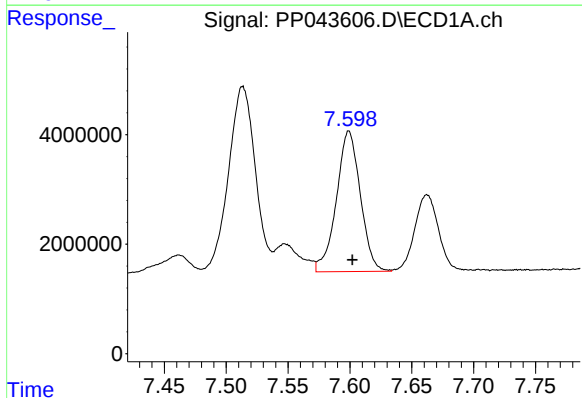
R.T.: 8.190 min
Delta R.T.: -0.002 min
Response: 72742585
Conc: 469.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



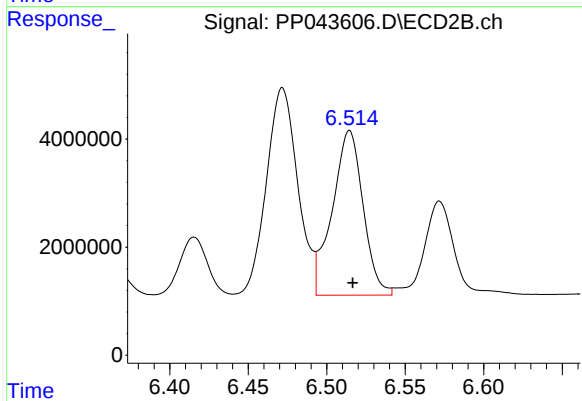
#35 AR-1260-5

R.T.: 7.062 min
Delta R.T.: -0.002 min
Response: 93790548
Conc: 507.35 ng/ml



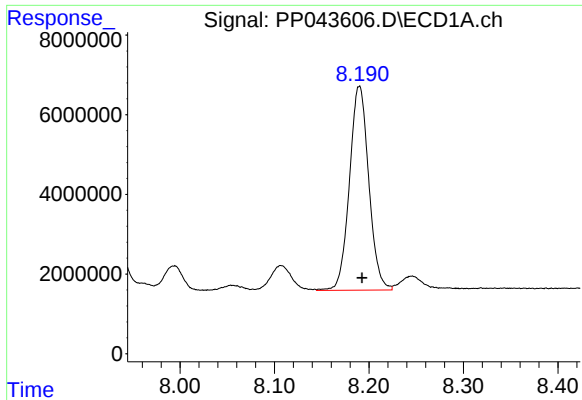
#36 AR-1262-1

R.T.: 7.599 min
Delta R.T.: -0.003 min
Response: 34559498
Conc: 350.01 ng/ml



#36 AR-1262-1

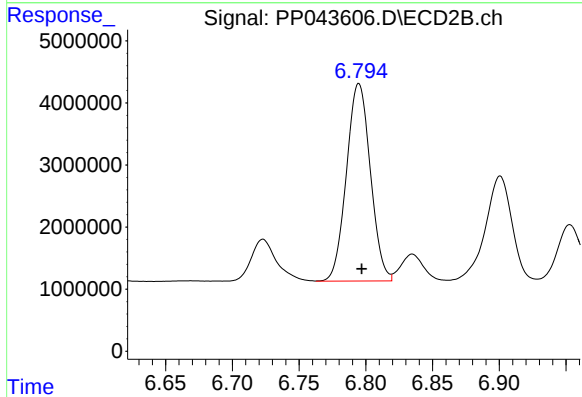
R.T.: 6.515 min
Delta R.T.: -0.002 min
Response: 41701757
Conc: 379.34 ng/ml



#37 AR-1262-2

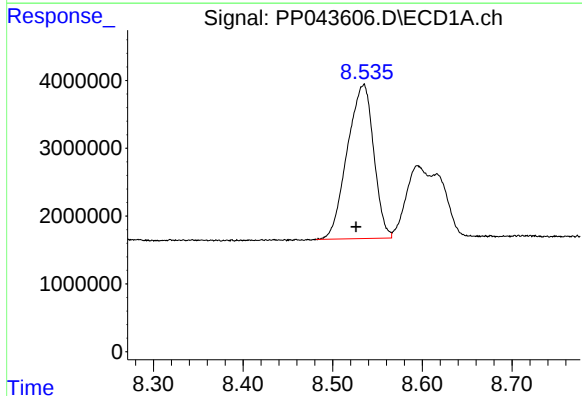
R.T.: 8.190 min
Delta R.T.: -0.003 min
Response: 72742585
Conc: 450.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



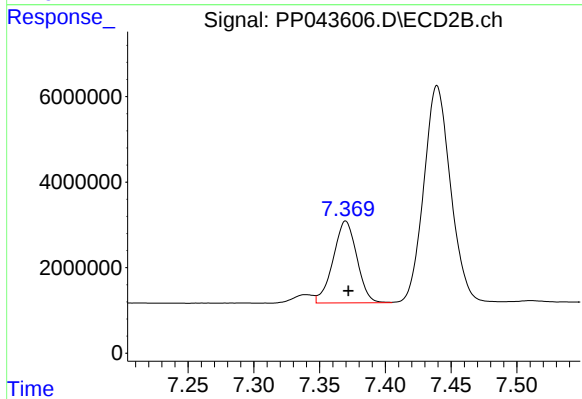
#37 AR-1262-2

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 39714301
Conc: 389.34 ng/ml



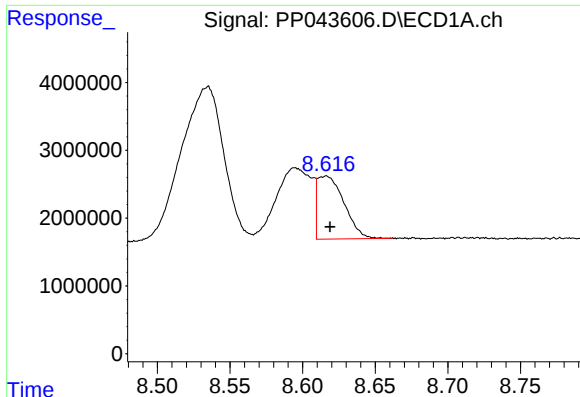
#38 AR-1262-3

R.T.: 8.534 min
Delta R.T.: 0.008 min
Response: 46436558
Conc: 424.47 ng/ml



#38 AR-1262-3

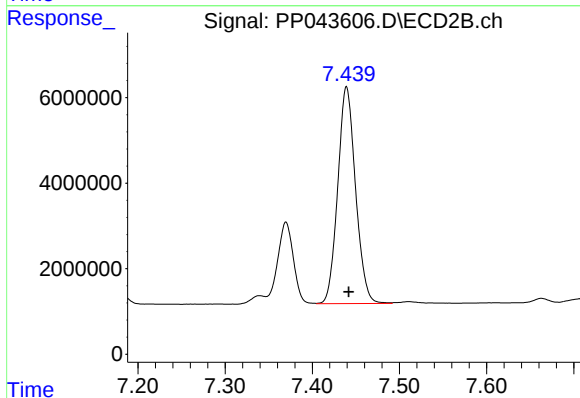
R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 24032931
Conc: 282.00 ng/ml



#39 AR-1262-4

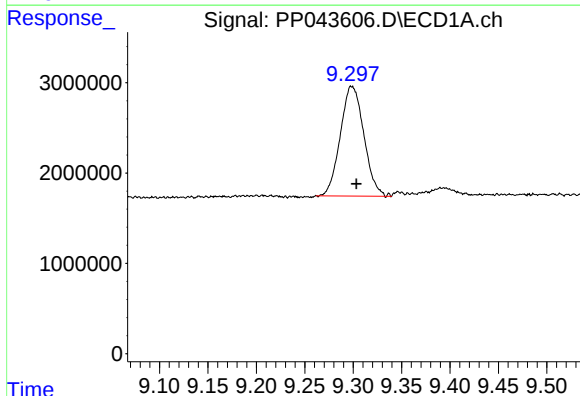
R.T.: 8.616 min
Delta R.T.: -0.003 min
Response: 11881166
Conc: 247.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



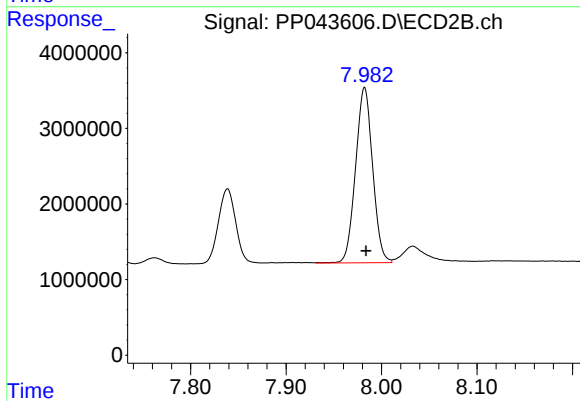
#39 AR-1262-4

R.T.: 7.439 min
Delta R.T.: -0.002 min
Response: 71950422
Conc: 463.26 ng/ml



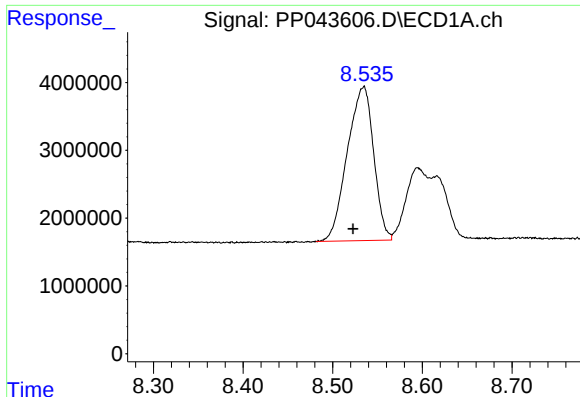
#40 AR-1262-5

R.T.: 9.298 min
Delta R.T.: -0.005 min
Response: 20572708
Conc: 369.42 ng/ml



#40 AR-1262-5

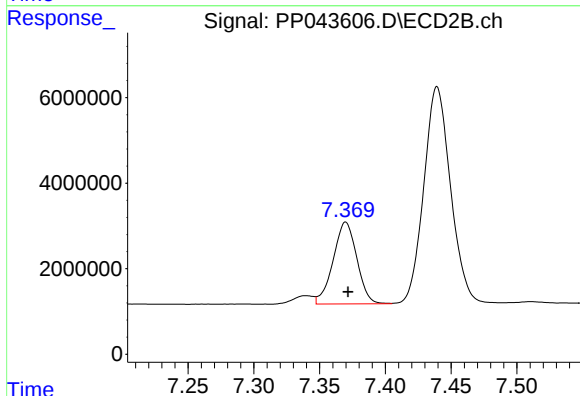
R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 28854911
Conc: 370.91 ng/ml



#41 AR-1268-1

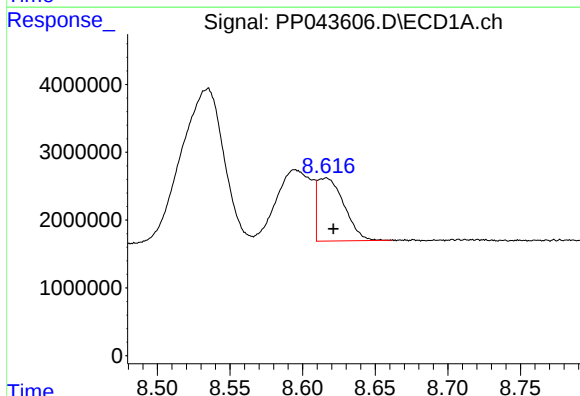
R.T.: 8.534 min
Delta R.T.: 0.012 min
Response: 46436558
Conc: 238.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



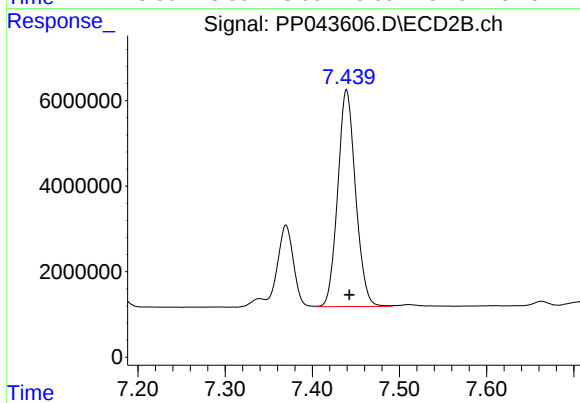
#41 AR-1268-1

R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 24032931
Conc: 94.86 ng/ml



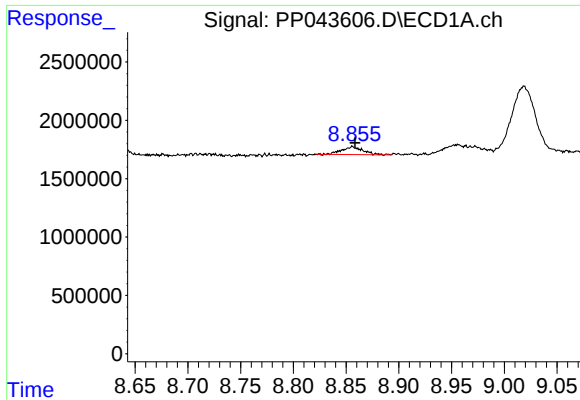
#42 AR-1268-2

R.T.: 8.616 min
Delta R.T.: -0.005 min
Response: 11881166
Conc: 67.88 ng/ml



#42 AR-1268-2

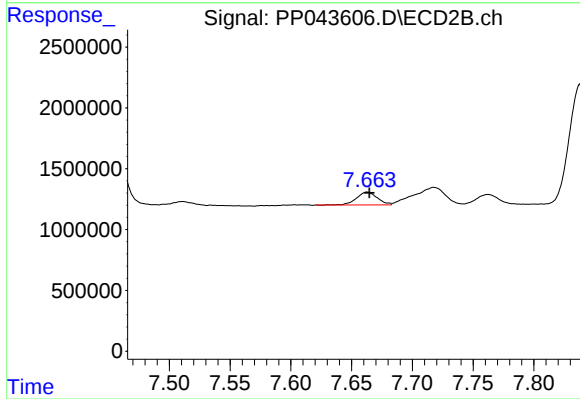
R.T.: 7.439 min
Delta R.T.: -0.003 min
Response: 71950422
Conc: 318.42 ng/ml



#43 AR-1268-3

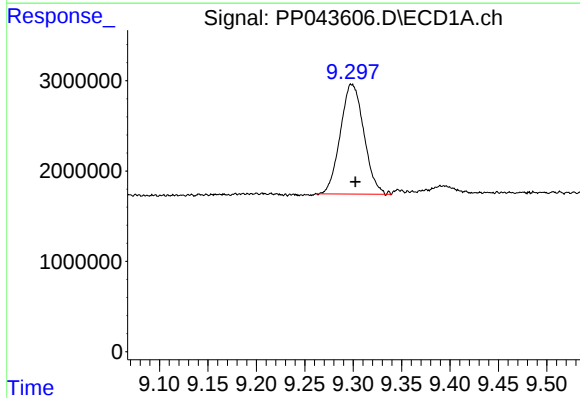
R.T.: 8.856 min
Delta R.T.: -0.003 min
Response: 945242
Conc: 6.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



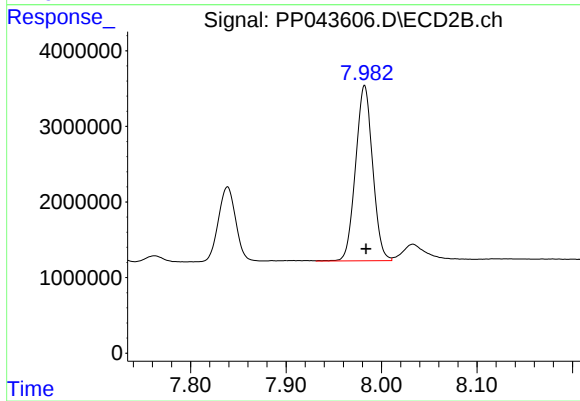
#43 AR-1268-3

R.T.: 7.663 min
Delta R.T.: -0.002 min
Response: 1249571
Conc: 6.42 ng/ml



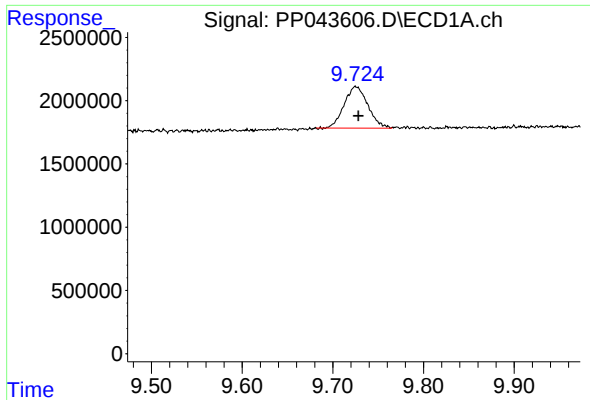
#44 AR-1268-4

R.T.: 9.298 min
Delta R.T.: -0.004 min
Response: 20572708
Conc: 328.79 ng/ml



#44 AR-1268-4

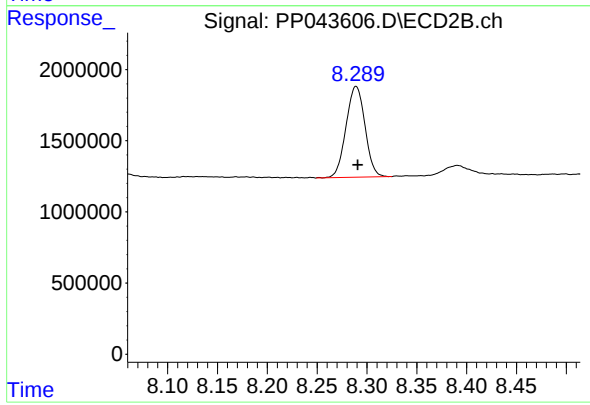
R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 28854911
Conc: 320.87 ng/ml



#45 AR-1268-5

R.T.: 9.725 min
Delta R.T.: -0.003 min
Response: 5954788
Conc: 13.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.289 min
Delta R.T.: -0.002 min
Response: 8456000
Conc: 14.07 ng/ml