

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031023\
 Data File : PP056371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 19:39
 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: Mar 09 20:42:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 08 02:03:40 2023
 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...	4.320	3.562	83475417	67674263	53.760	47.959
2)	SA Decachlor...	10.061	8.558	95469222	57154364	48.062	51.128
Target Compounds							
3)	L1 AR-1016-1	5.489	4.642	30558391	20215907	527.845	479.845
4)	L1 AR-1016-2	5.512	4.660	44409639	28435479	518.394	469.162
5)	L1 AR-1016-3	5.574	4.835	28244534	15561224	517.844	480.776
6)	L1 AR-1016-4	5.673	4.879	22764902	13310874	524.274	474.281
7)	L1 AR-1016-5	5.969	5.091	23620309	18051023	515.178	504.539
8)	L2 AR-1221-1	4.522	3.772	2936664	2330342	146.602	133.994
9)	L2 AR-1221-2	4.615	3.859	4453264	3338405	293.088	258.349
10)	L2 AR-1221-3	4.692	3.934	16877314	13077004	362.825	322.344
11)	L3 AR-1232-1	4.692	3.934	16877314	13077004	435.325	397.365
12)	L3 AR-1232-2	5.221	4.660	23194741	28435479	1146.494	1025.587
13)	L3 AR-1232-3	5.512	4.835	44409639	15561224	1140.089	1098.738
14)	L3 AR-1232-4	5.673	4.920	22764902	16599280	1164.123	1168.723
15)	L3 AR-1232-5	5.764	5.091	21005736	18051023	1326.121	1176.971
16)	L4 AR-1242-1	5.489	4.642	30558391	20215907	627.043	571.668
17)	L4 AR-1242-2	5.512	4.660	44409639	28435479	622.431	559.660
18)	L4 AR-1242-3	5.574	4.835	28244534	15561224	620.429	576.669
19)	L4 AR-1242-4	5.673	4.920	22764902	16599280	636.916	566.540
20)	L4 AR-1242-5	6.413	5.443	7073492	16820769	165.461	521.352 #
21)	L5 AR-1248-1	5.489	4.642	30558391	20215907	858.155	778.626
22)	L5 AR-1248-2	5.764	4.879	21005736	13310874	376.236	342.191
23)	L5 AR-1248-3	5.969	4.920	23620309	16599280	388.172	407.051
24)	L5 AR-1248-4	6.373	5.091	8235236	18051023	119.221	385.461 #
25)	L5 AR-1248-5	6.413	5.483	7073492	4303948	104.106	104.219
26)	L6 AR-1254-1	6.348	5.443	20444780	16820769	270.860	234.387
27)	L6 AR-1254-2	6.567	5.591	18271329	12209272	157.472	200.214 #
28)	L6 AR-1254-3	6.935	6.010f	9019512	21416849	73.553	231.346 #
29)	L6 AR-1254-4	7.221	6.224	7294583	1418034	80.327	26.305 #
30)	L6 AR-1254-5	7.641	6.642	63915447	38063189	618.246	487.028
31)	L7 AR-1260-1	7.100	6.125	48208134	32367219	489.183	474.795
32)	L7 AR-1260-2	7.357	6.314	55707614	36701378	480.260	479.770
33)	L7 AR-1260-3	7.719	6.467	42562498	35030800	497.216	484.454
34)	L7 AR-1260-4	7.945	6.939	49134548	29458522	496.984	491.243
35)	L7 AR-1260-5	8.261	7.182	97302549	61784512	486.889	483.522
36)	L8 AR-1262-1	7.719	6.733	42562498	15868192	356.601	482.796 #
37)	L8 AR-1262-2	8.261	6.939	97302549	29458522	445.808	413.247
38)	L8 AR-1262-3	8.582	7.465	64577988	15493812	422.678	284.527 #
39)	L8 AR-1262-4	8.659	7.529	18177702	45916518	226.117	474.914 #
40)	L8 AR-1262-5	9.311	8.025	28456552	15284173	343.485	340.139
41)	L9 AR-1268-1	8.582	7.465	64577988	15493812	234.313	91.824 #

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 Acq On : 09 Mar 2023 19:39
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

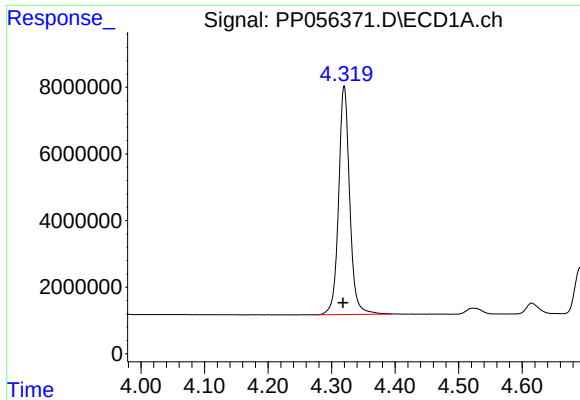
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 20:42:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.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	8.659	7.529	18177702	45916518	70.494	307.043 #
43) L9	AR-1268-3	8.887	7.736	1600466	948089	6.982	6.980
44) L9	AR-1268-4	9.311	8.025	28456552	15284173	304.782	299.490
45) L9	AR-1268-5	9.725	8.310	8343431	4959612	11.496	12.747

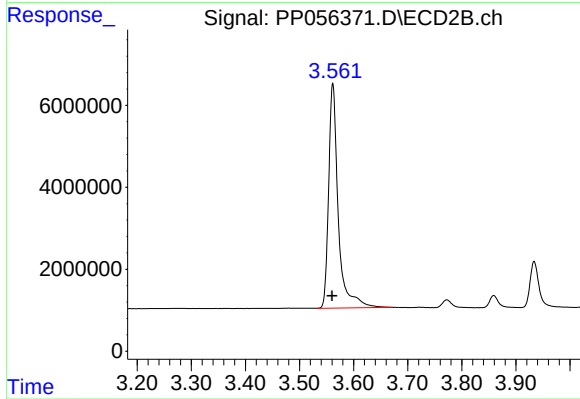
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

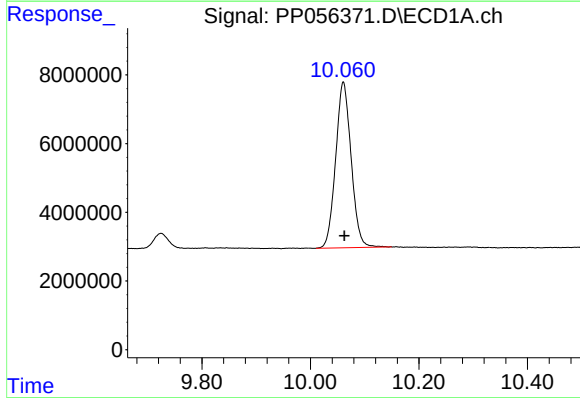
R.T.: 4.320 min
Delta R.T.: 0.002 min
Response: 83475417
Conc: 53.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



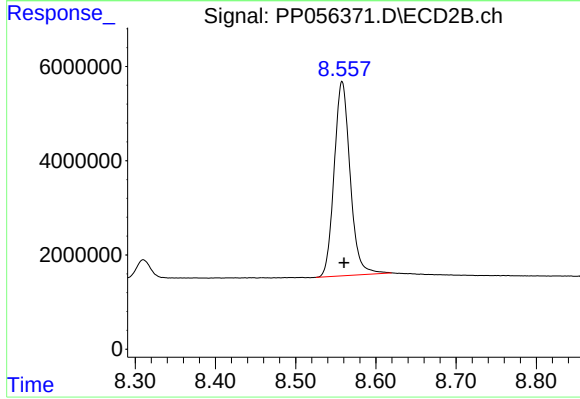
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.001 min
Response: 67674263
Conc: 47.96 ng/ml



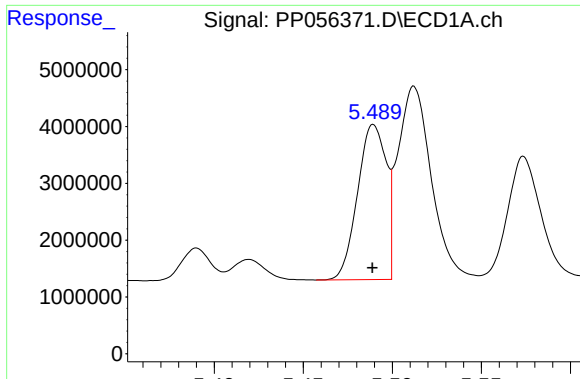
#2 Decachlorobiphenyl

R.T.: 10.061 min
Delta R.T.: -0.002 min
Response: 95469222
Conc: 48.06 ng/ml



#2 Decachlorobiphenyl

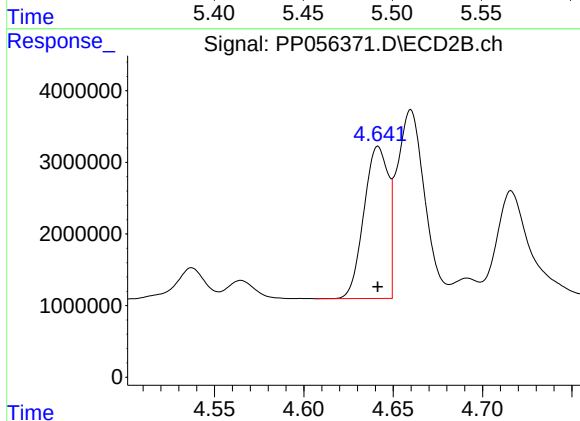
R.T.: 8.558 min
Delta R.T.: -0.003 min
Response: 57154364
Conc: 51.13 ng/ml



#3 AR-1016-1

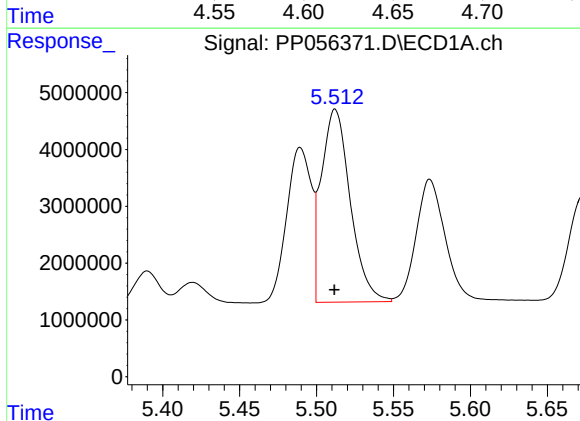
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 30558391
Conc: 527.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



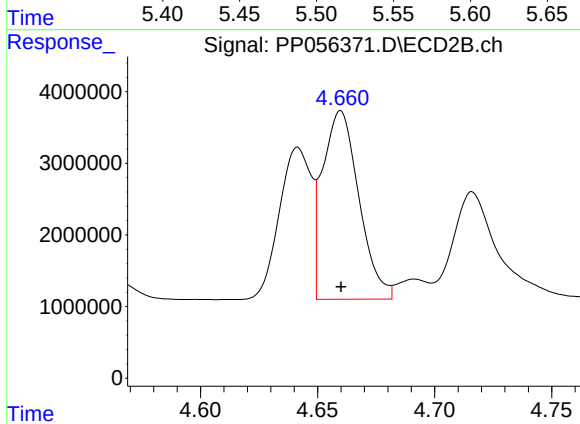
#3 AR-1016-1

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 20215907
Conc: 479.84 ng/ml



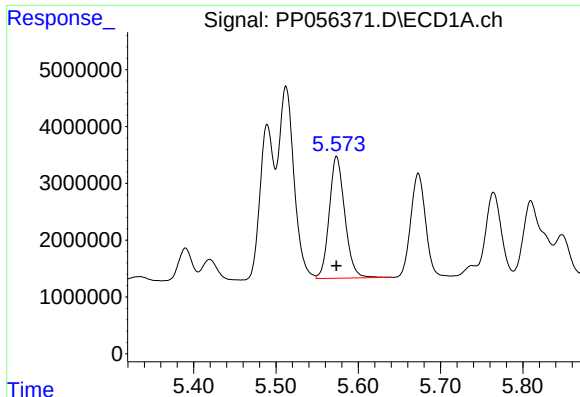
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 44409639
Conc: 518.39 ng/ml



#4 AR-1016-2

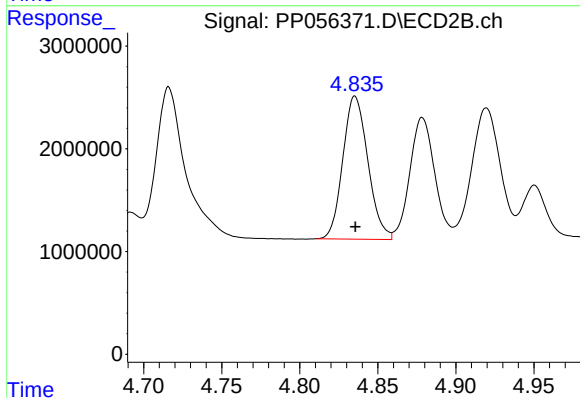
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 28435479
Conc: 469.16 ng/ml



#5 AR-1016-3

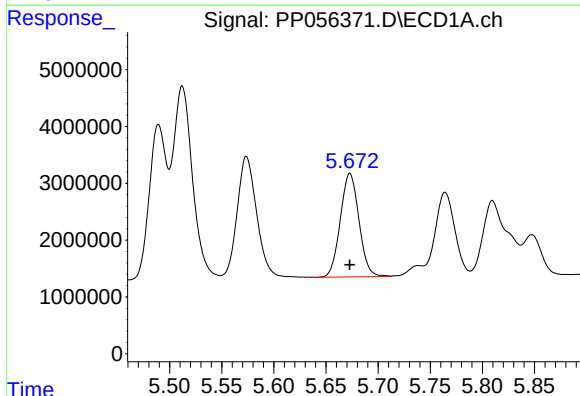
R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 28244534
Conc: 517.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



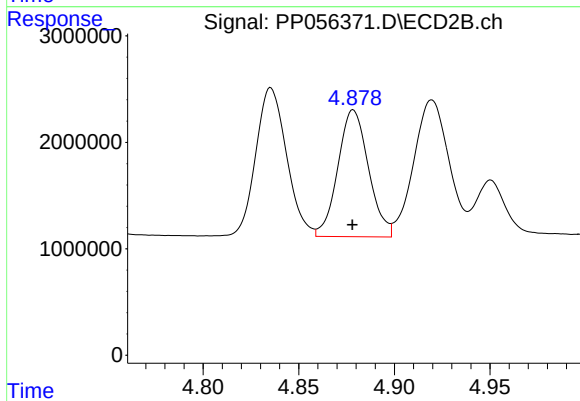
#5 AR-1016-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 15561224
Conc: 480.78 ng/ml



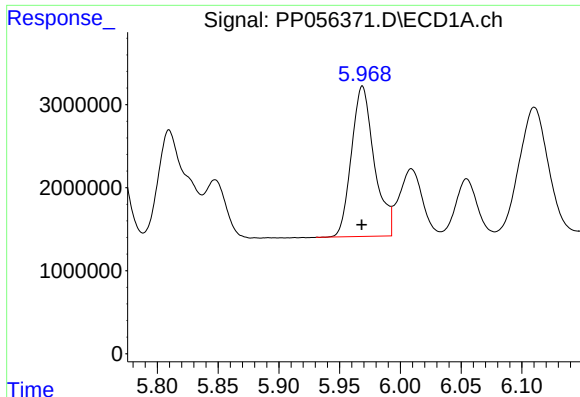
#6 AR-1016-4

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 22764902
Conc: 524.27 ng/ml



#6 AR-1016-4

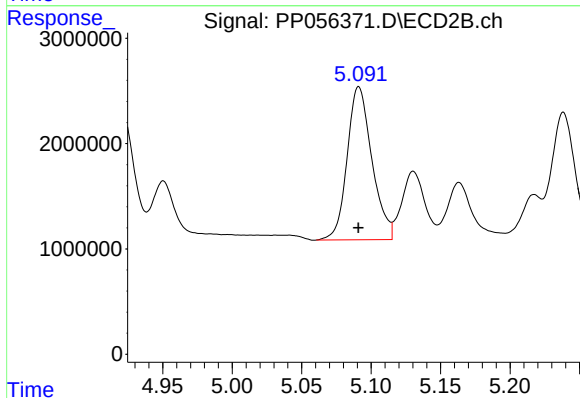
R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 13310874
Conc: 474.28 ng/ml



#7 AR-1016-5

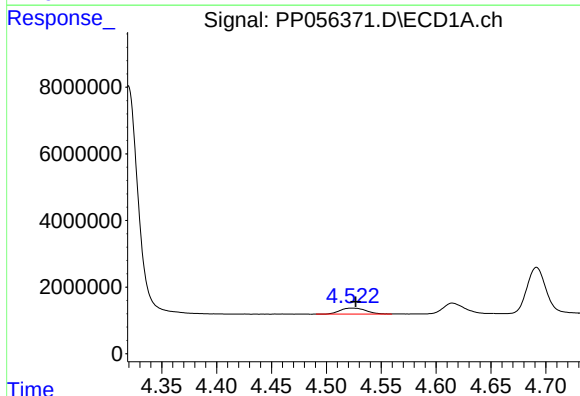
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 23620309
Conc: 515.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



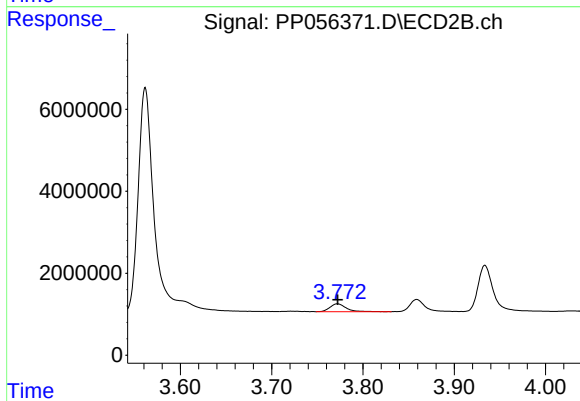
#7 AR-1016-5

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 18051023
Conc: 504.54 ng/ml



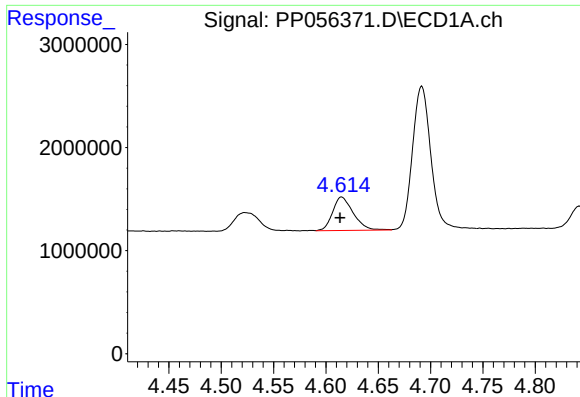
#8 AR-1221-1

R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 2936664
Conc: 146.60 ng/ml



#8 AR-1221-1

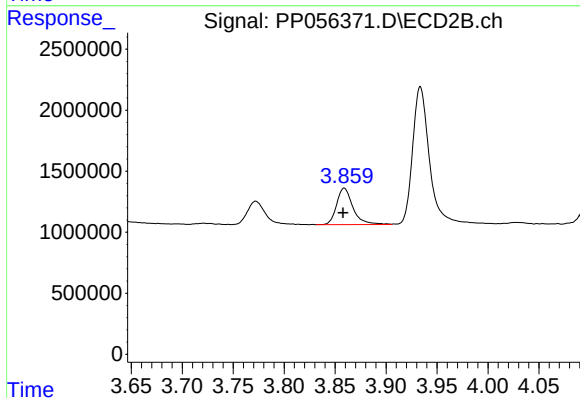
R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 2330342
Conc: 133.99 ng/ml



#9 AR-1221-2

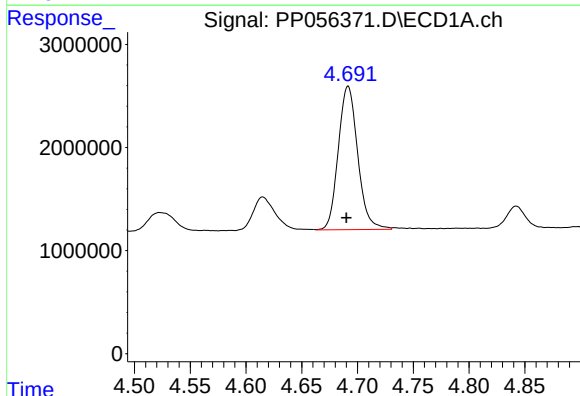
R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 4453264
Conc: 293.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



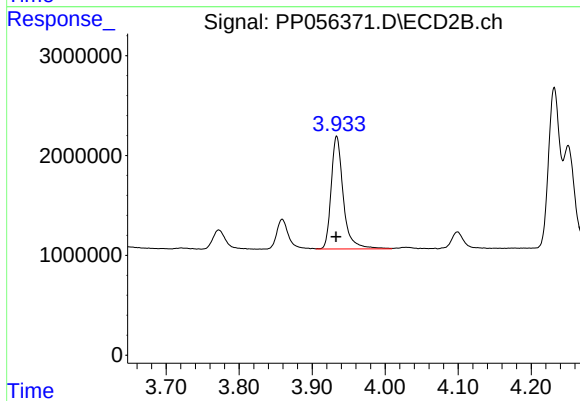
#9 AR-1221-2

R.T.: 3.859 min
Delta R.T.: 0.001 min
Response: 3338405
Conc: 258.35 ng/ml



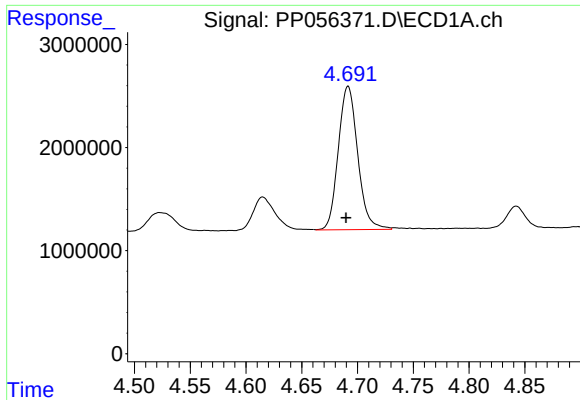
#10 AR-1221-3

R.T.: 4.692 min
Delta R.T.: 0.002 min
Response: 16877314
Conc: 362.82 ng/ml



#10 AR-1221-3

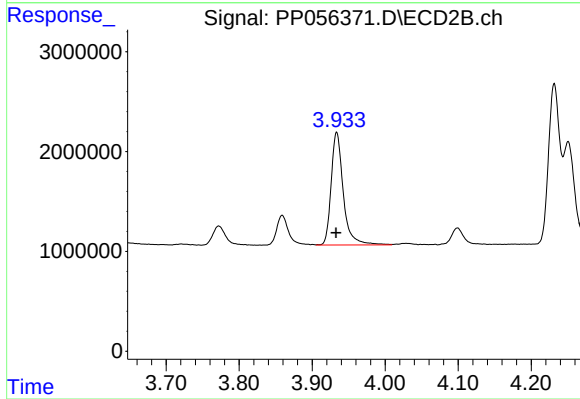
R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 13077004
Conc: 322.34 ng/ml



#11 AR-1232-1

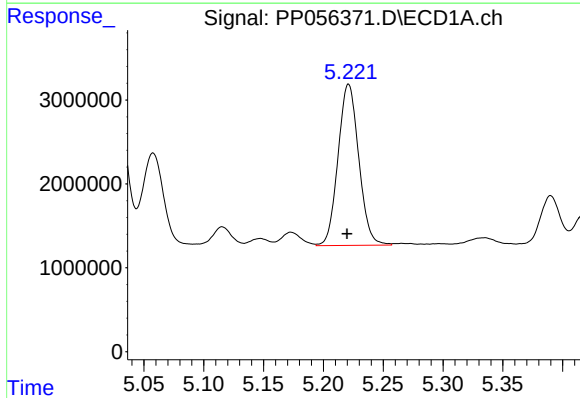
R.T.: 4.692 min
Delta R.T.: 0.002 min
Response: 16877314
Conc: 435.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



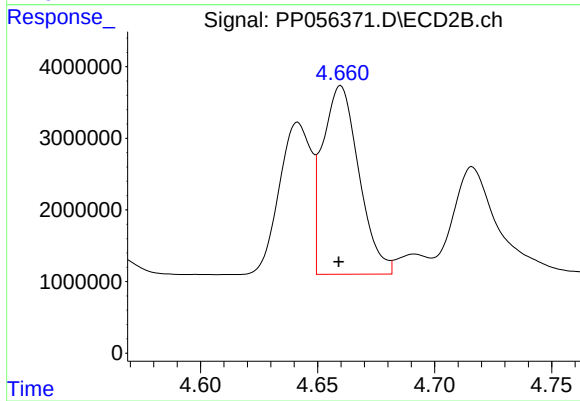
#11 AR-1232-1

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 13077004
Conc: 397.37 ng/ml



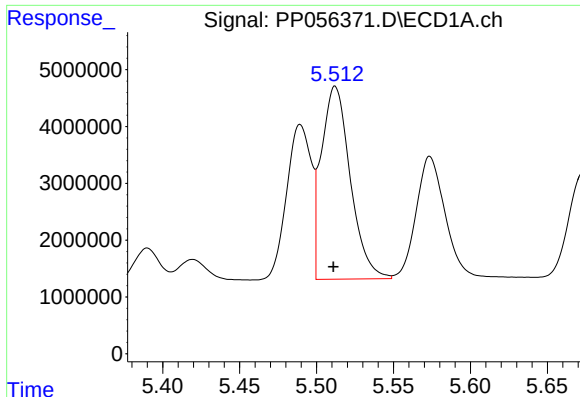
#12 AR-1232-2

R.T.: 5.221 min
Delta R.T.: 0.001 min
Response: 23194741
Conc: 1146.49 ng/ml



#12 AR-1232-2

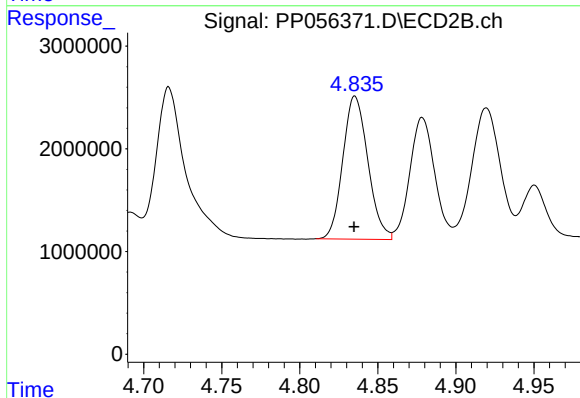
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 28435479
Conc: 1025.59 ng/ml



#13 AR-1232-3

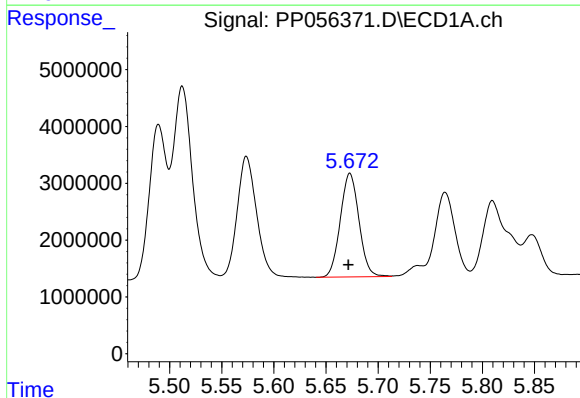
R.T.: 5.512 min
Delta R.T.: 0.001 min
Response: 44409639
Conc: 1140.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



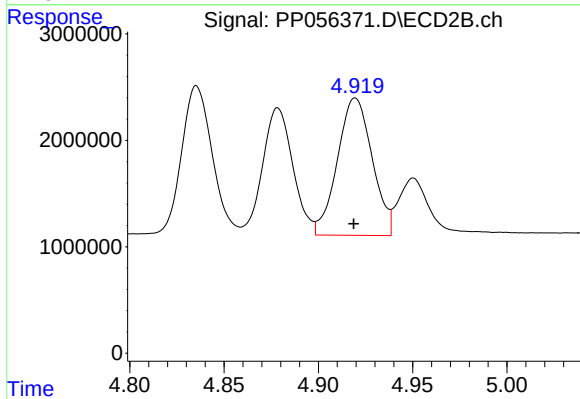
#13 AR-1232-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 15561224
Conc: 1098.74 ng/ml



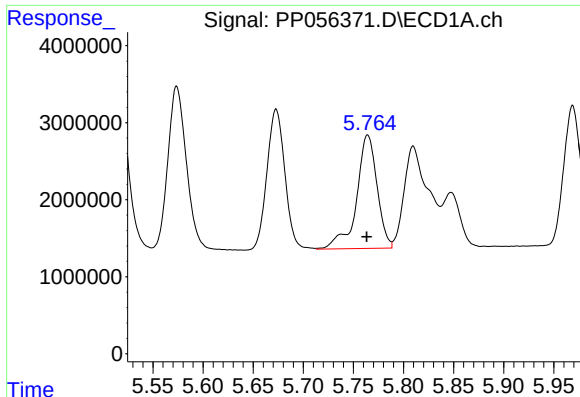
#14 AR-1232-4

R.T.: 5.673 min
Delta R.T.: 0.001 min
Response: 22764902
Conc: 1164.12 ng/ml



#14 AR-1232-4

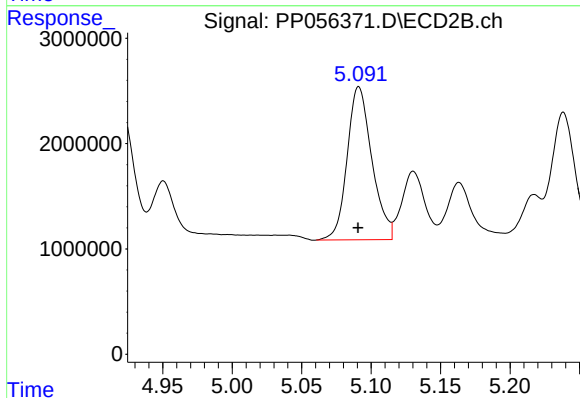
R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 16599280
Conc: 1168.72 ng/ml



#15 AR-1232-5

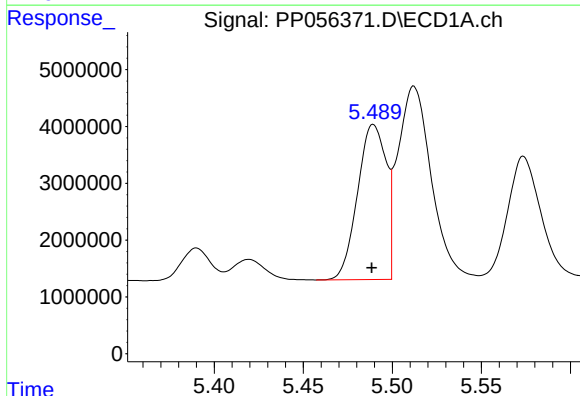
R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 21005736
Conc: 1326.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



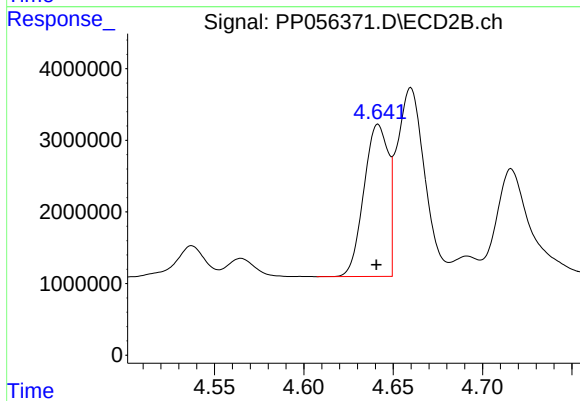
#15 AR-1232-5

R.T.: 5.091 min
Delta R.T.: 0.000 min
Response: 18051023
Conc: 1176.97 ng/ml



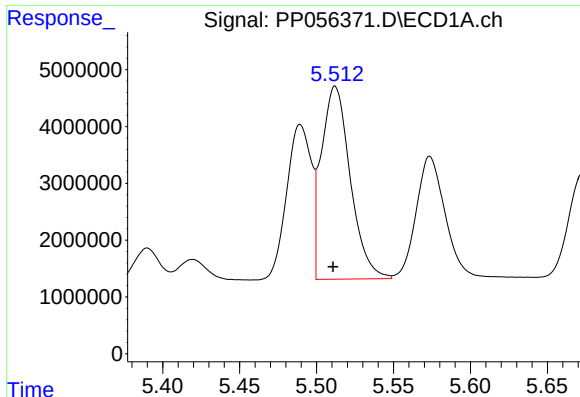
#16 AR-1242-1

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 30558391
Conc: 627.04 ng/ml



#16 AR-1242-1

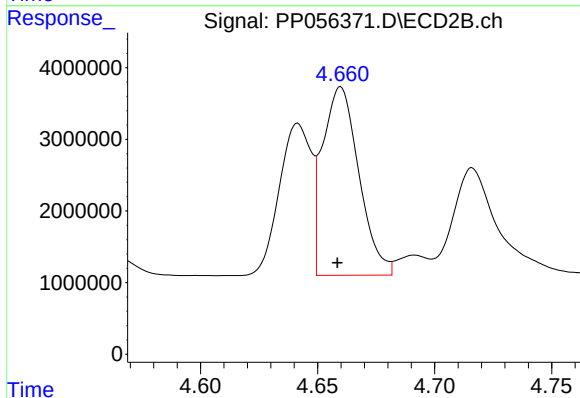
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 20215907
Conc: 571.67 ng/ml



#17 AR-1242-2

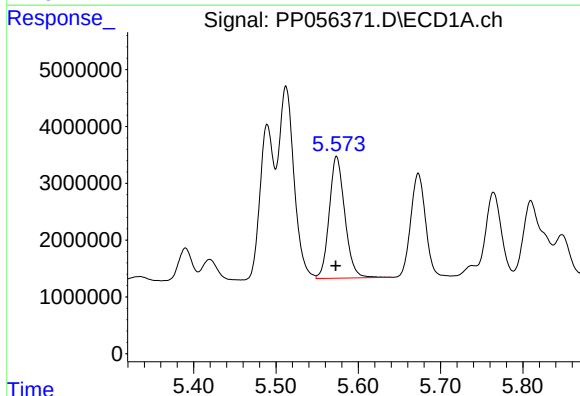
R.T.: 5.512 min
Delta R.T.: 0.001 min
Response: 44409639
Conc: 622.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



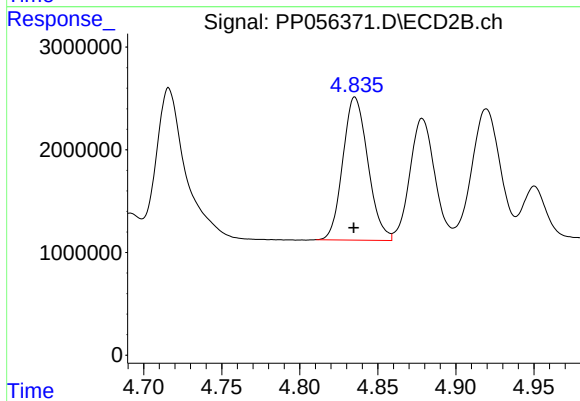
#17 AR-1242-2

R.T.: 4.660 min
Delta R.T.: 0.001 min
Response: 28435479
Conc: 559.66 ng/ml



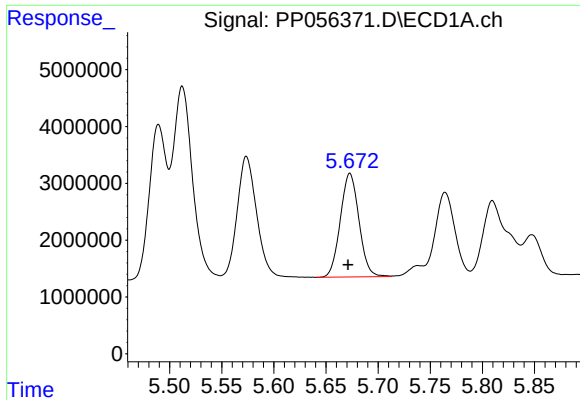
#18 AR-1242-3

R.T.: 5.574 min
Delta R.T.: 0.001 min
Response: 28244534
Conc: 620.43 ng/ml



#18 AR-1242-3

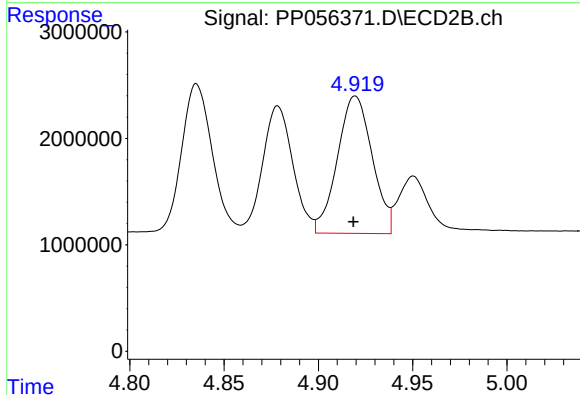
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 15561224
Conc: 576.67 ng/ml



#19 AR-1242-4

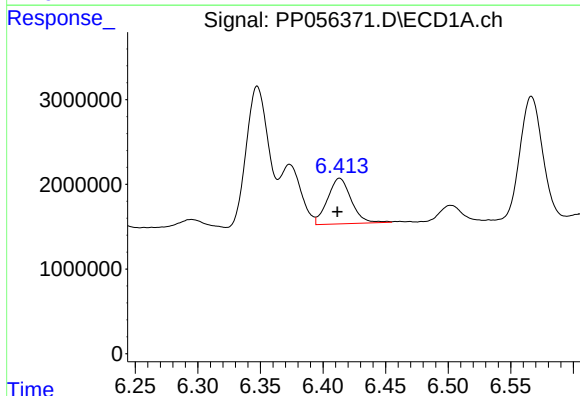
R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 22764902
Conc: 636.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



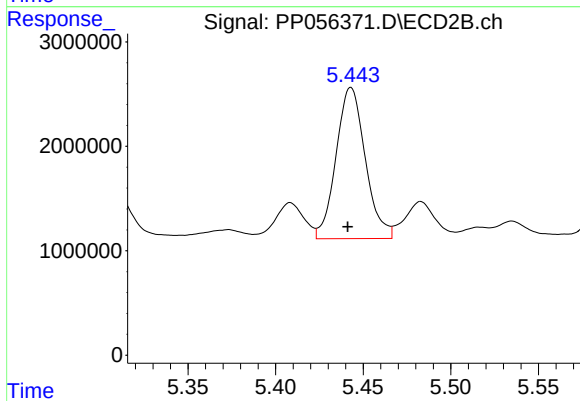
#19 AR-1242-4

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 16599280
Conc: 566.54 ng/ml



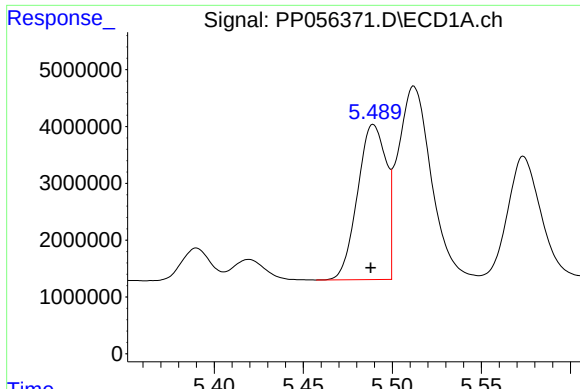
#20 AR-1242-5

R.T.: 6.413 min
Delta R.T.: 0.002 min
Response: 7073492
Conc: 165.46 ng/ml



#20 AR-1242-5

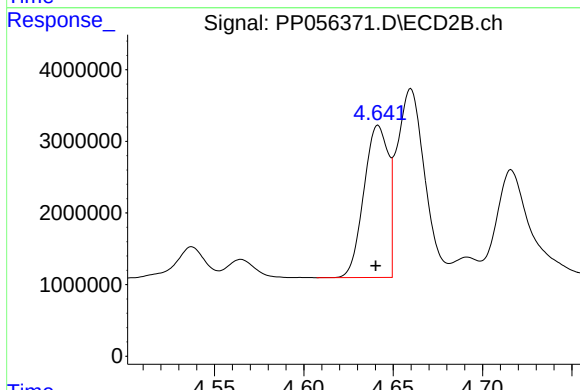
R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 16820769
Conc: 521.35 ng/ml



#21 AR-1248-1

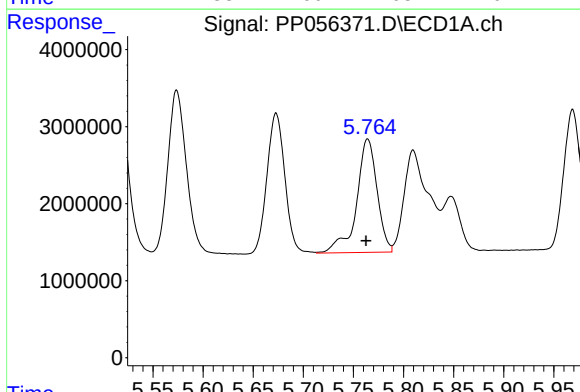
R.T.: 5.489 min
Delta R.T.: 0.001 min
Response: 30558391
Conc: 858.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



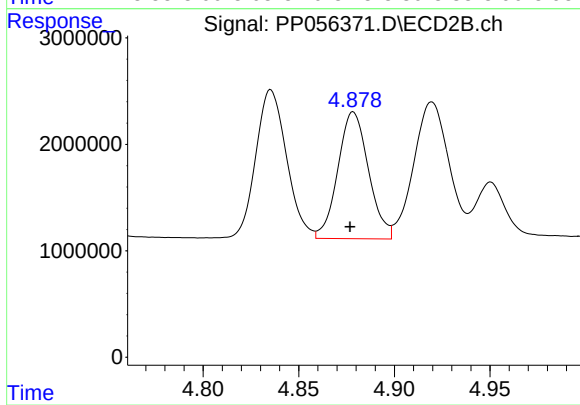
#21 AR-1248-1

R.T.: 4.642 min
Delta R.T.: 0.001 min
Response: 20215907
Conc: 778.63 ng/ml



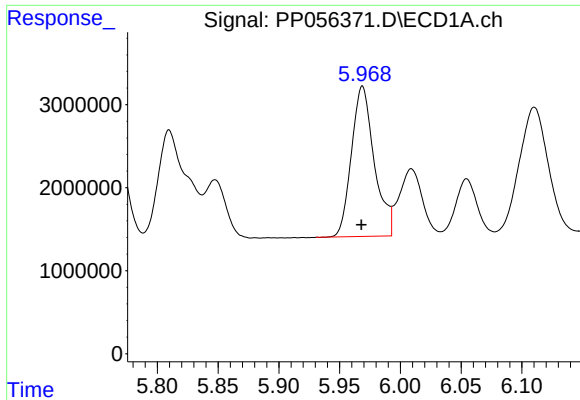
#22 AR-1248-2

R.T.: 5.764 min
Delta R.T.: 0.001 min
Response: 21005736
Conc: 376.24 ng/ml



#22 AR-1248-2

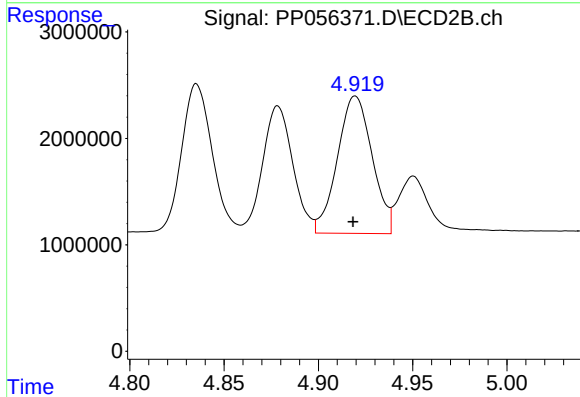
R.T.: 4.879 min
Delta R.T.: 0.002 min
Response: 13310874
Conc: 342.19 ng/ml



#23 AR-1248-3

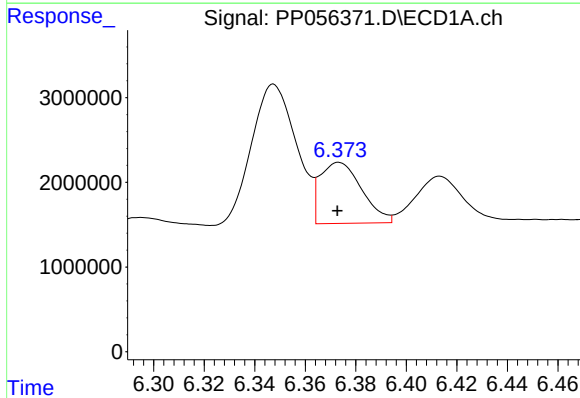
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 23620309
Conc: 388.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



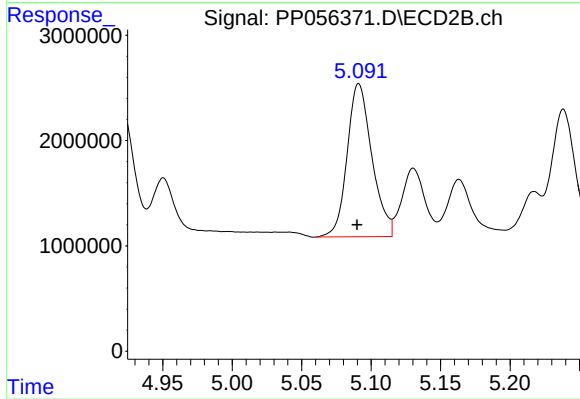
#23 AR-1248-3

R.T.: 4.920 min
Delta R.T.: 0.001 min
Response: 16599280
Conc: 407.05 ng/ml



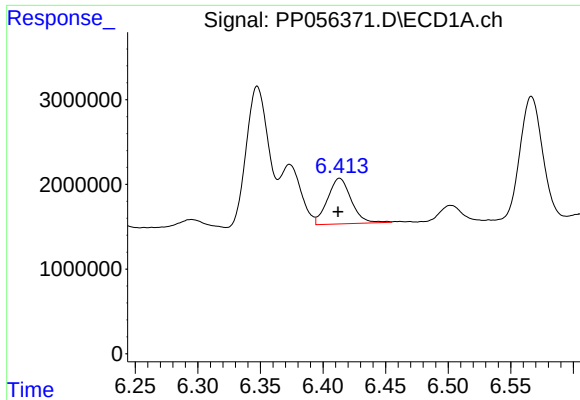
#24 AR-1248-4

R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 8235236
Conc: 119.22 ng/ml



#24 AR-1248-4

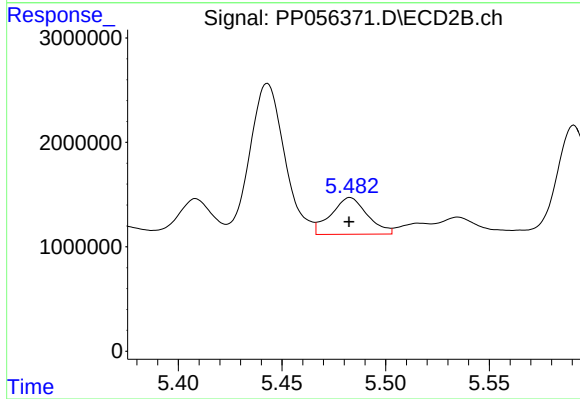
R.T.: 5.091 min
Delta R.T.: 0.001 min
Response: 18051023
Conc: 385.46 ng/ml



#25 AR-1248-5

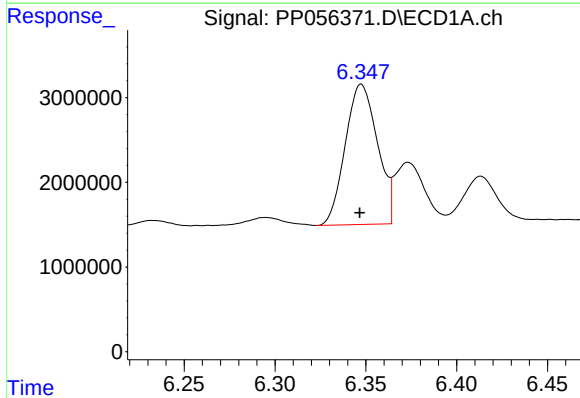
R.T.: 6.413 min
Delta R.T.: 0.001 min
Response: 7073492
Conc: 104.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



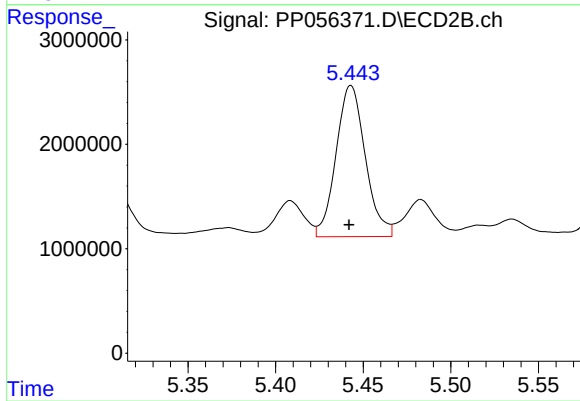
#25 AR-1248-5

R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 4303948
Conc: 104.22 ng/ml



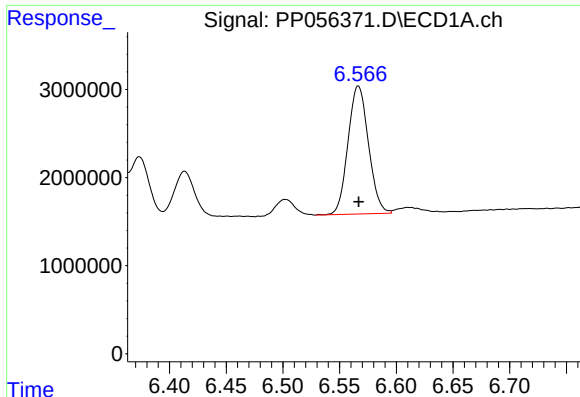
#26 AR-1254-1

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 20444780
Conc: 270.86 ng/ml



#26 AR-1254-1

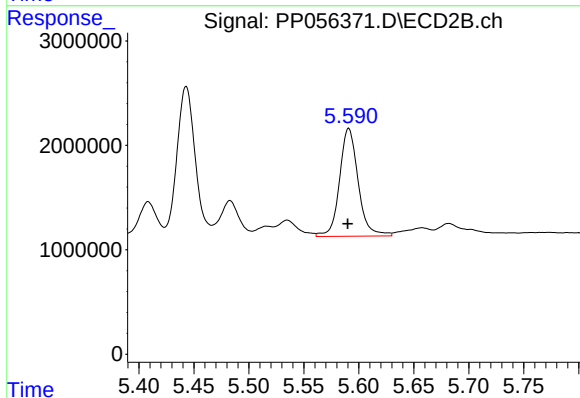
R.T.: 5.443 min
Delta R.T.: 0.000 min
Response: 16820769
Conc: 234.39 ng/ml



#27 AR-1254-2

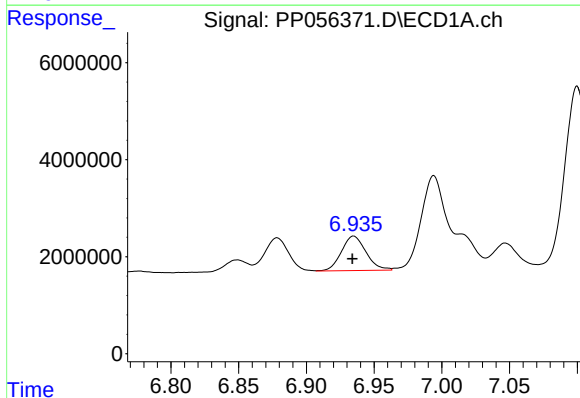
R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 18271329
Conc: 157.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



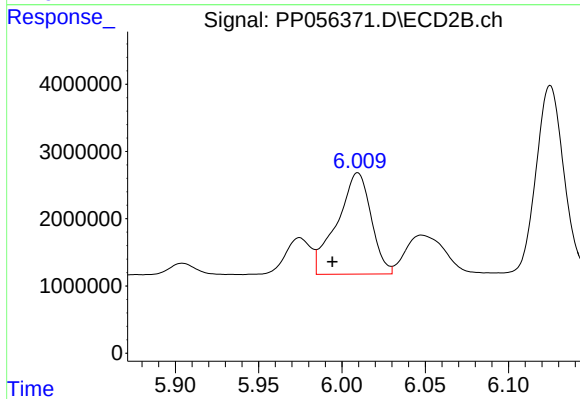
#27 AR-1254-2

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 12209272
Conc: 200.21 ng/ml



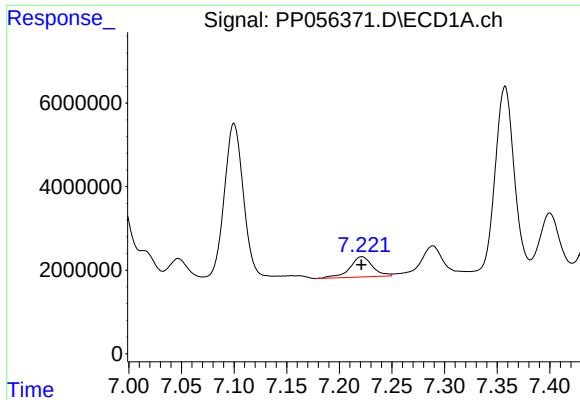
#28 AR-1254-3

R.T.: 6.935 min
Delta R.T.: 0.001 min
Response: 9019512
Conc: 73.55 ng/ml



#28 AR-1254-3

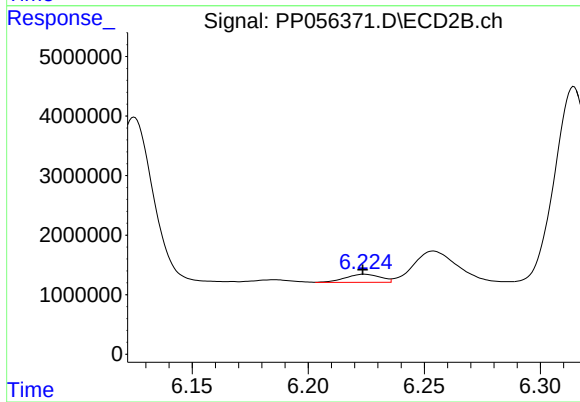
R.T.: 6.010 min
Delta R.T.: 0.015 min
Response: 21416849
Conc: 231.35 ng/ml



#29 AR-1254-4

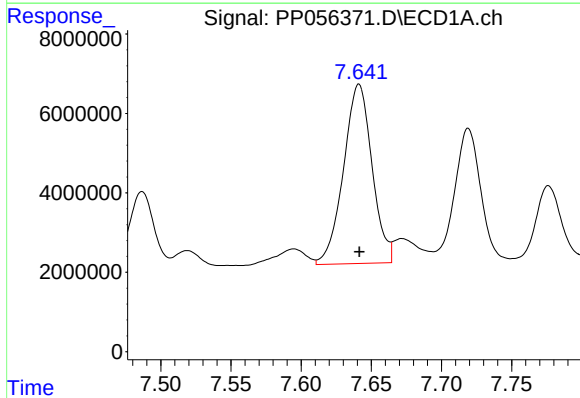
R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 7294583
Conc: 80.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



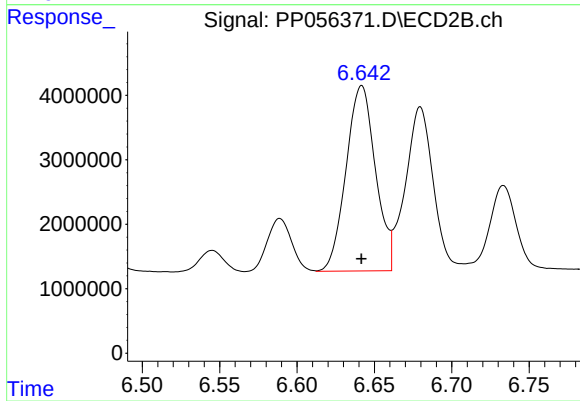
#29 AR-1254-4

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 1418034
Conc: 26.30 ng/ml



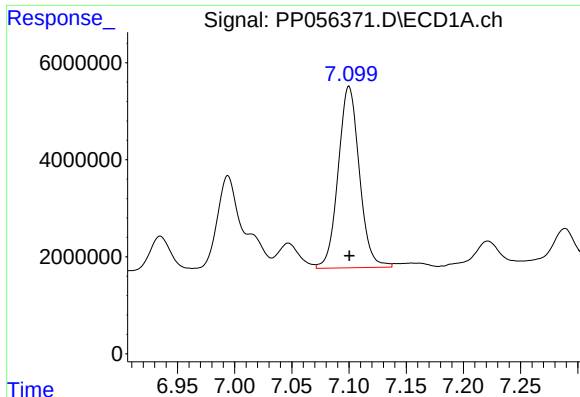
#30 AR-1254-5

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 63915447
Conc: 618.25 ng/ml



#30 AR-1254-5

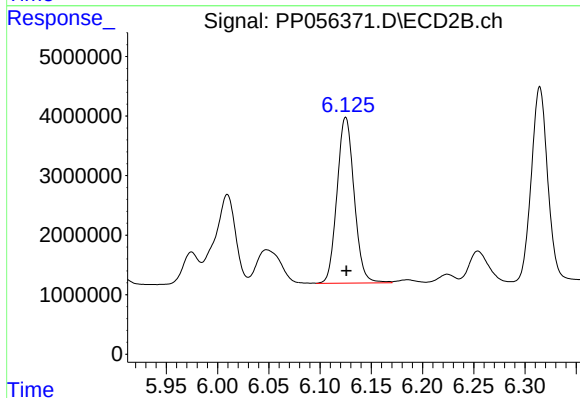
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 38063189
Conc: 487.03 ng/ml



#31 AR-1260-1

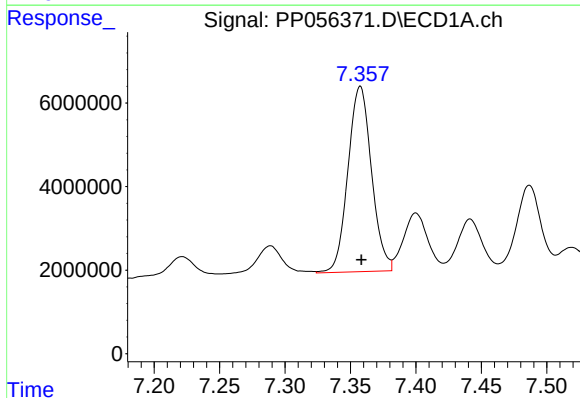
R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 48208134
Conc: 489.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



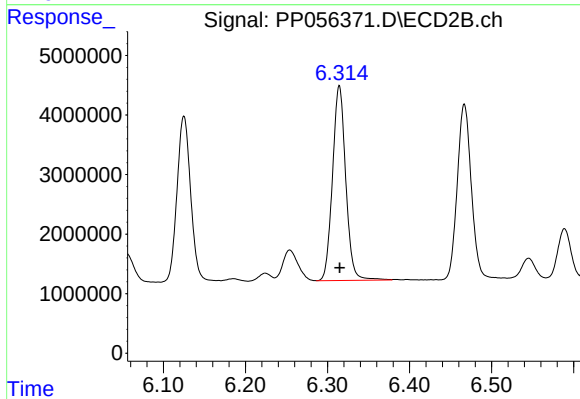
#31 AR-1260-1

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 32367219
Conc: 474.79 ng/ml



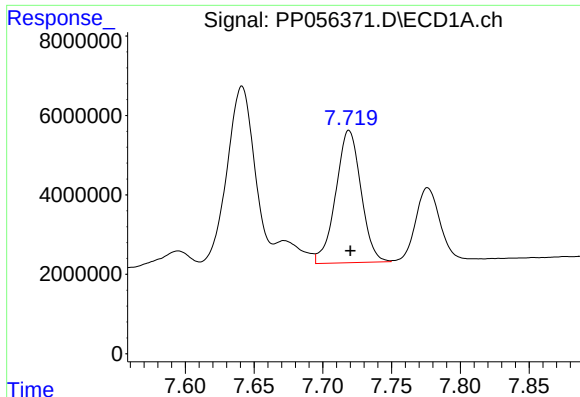
#32 AR-1260-2

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 55707614
Conc: 480.26 ng/ml



#32 AR-1260-2

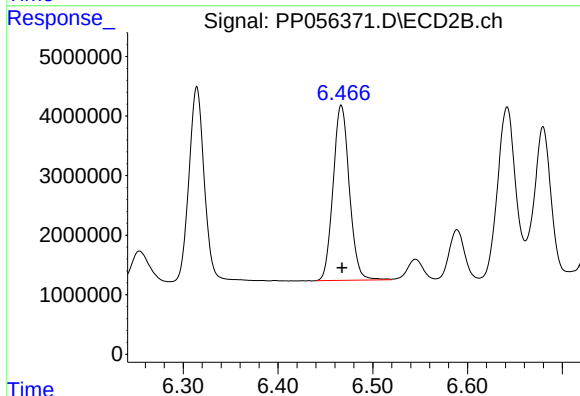
R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 36701378
Conc: 479.77 ng/ml



#33 AR-1260-3

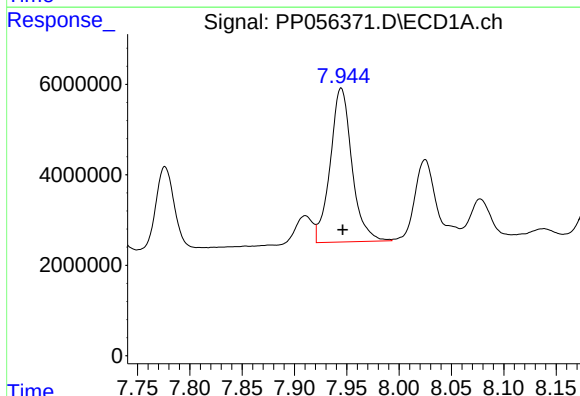
R.T.: 7.719 min
Delta R.T.: 0.000 min
Response: 42562498
Conc: 497.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



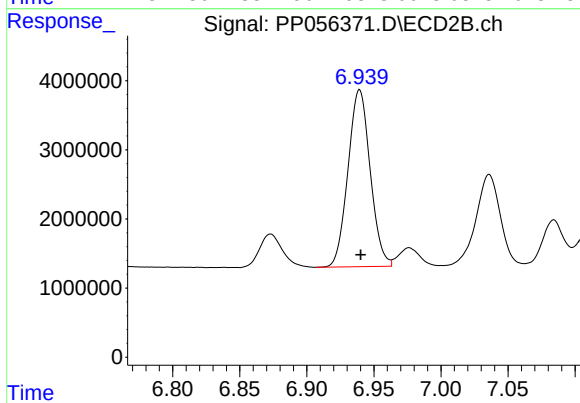
#33 AR-1260-3

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 35030800
Conc: 484.45 ng/ml



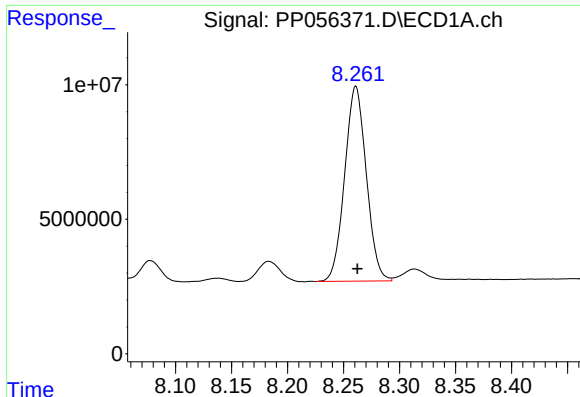
#34 AR-1260-4

R.T.: 7.945 min
Delta R.T.: -0.002 min
Response: 49134548
Conc: 496.98 ng/ml



#34 AR-1260-4

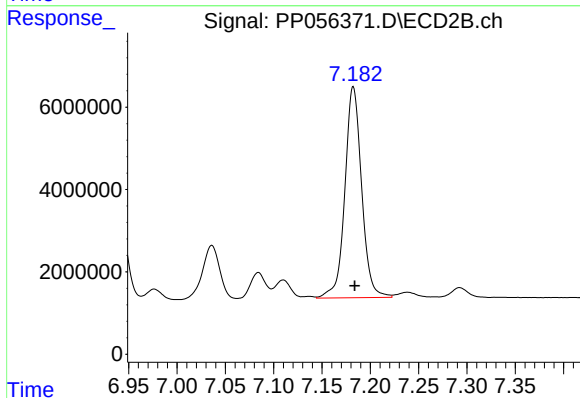
R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 29458522
Conc: 491.24 ng/ml



#35 AR-1260-5

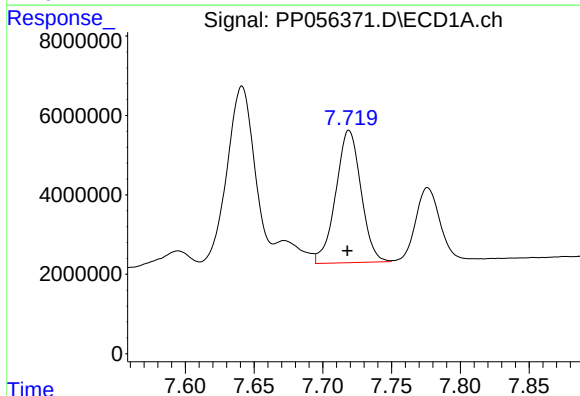
R.T.: 8.261 min
Delta R.T.: -0.001 min
Response: 97302549
Conc: 486.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



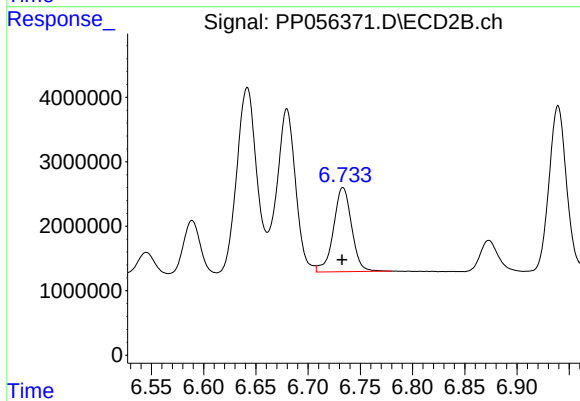
#35 AR-1260-5

R.T.: 7.182 min
Delta R.T.: -0.002 min
Response: 61784512
Conc: 483.52 ng/ml



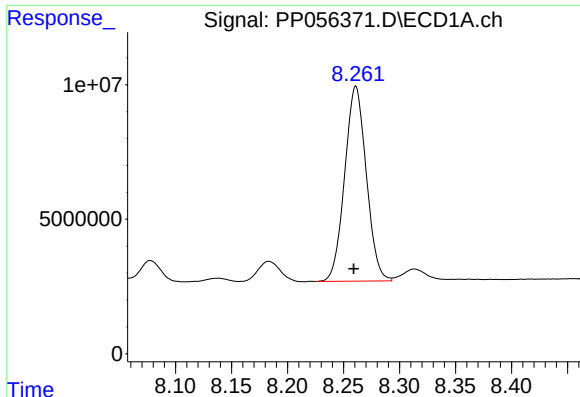
#36 AR-1262-1

R.T.: 7.719 min
Delta R.T.: 0.001 min
Response: 42562498
Conc: 356.60 ng/ml



#36 AR-1262-1

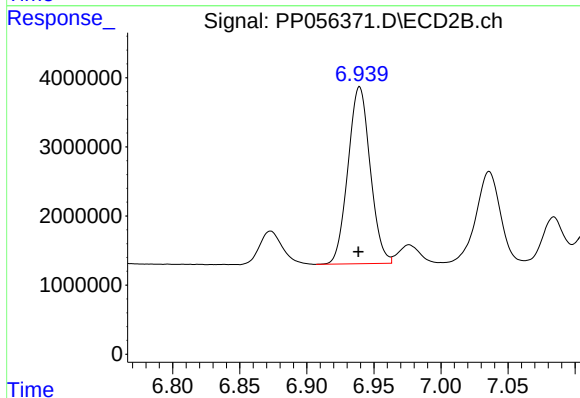
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 15868192
Conc: 482.80 ng/ml



#37 AR-1262-2

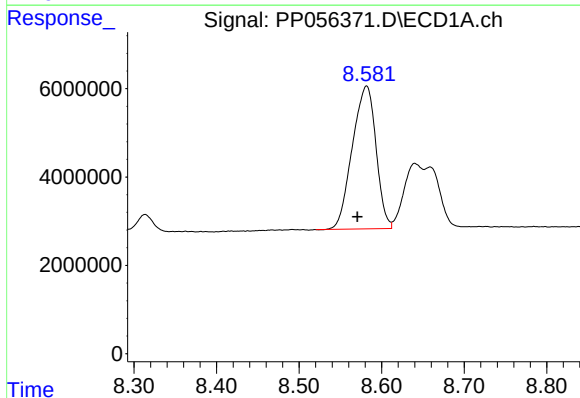
R.T.: 8.261 min
Delta R.T.: 0.002 min
Response: 97302549
Conc: 445.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



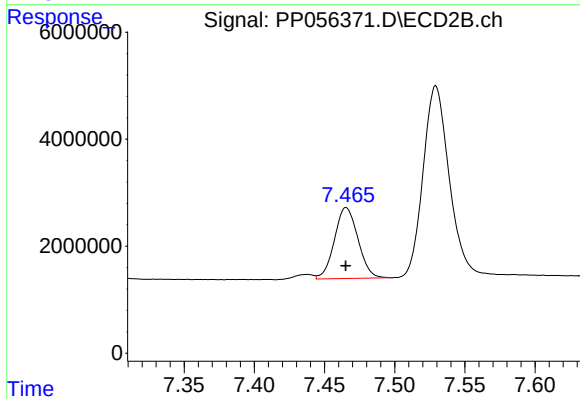
#37 AR-1262-2

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 29458522
Conc: 413.25 ng/ml



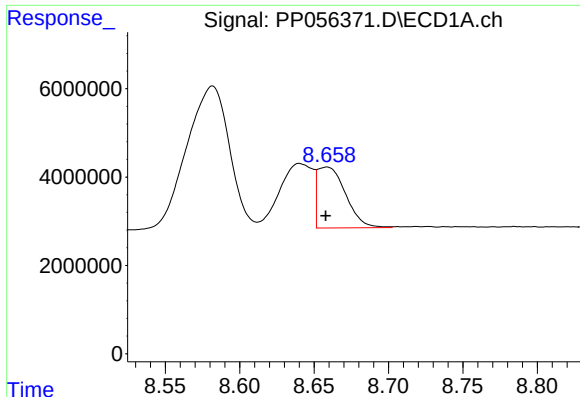
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.011 min
Response: 64577988
Conc: 422.68 ng/ml



#38 AR-1262-3

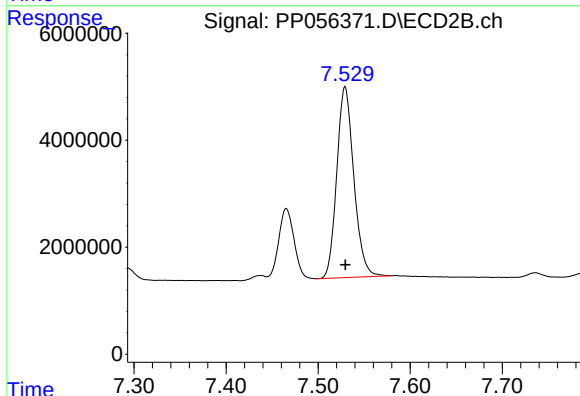
R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 15493812
Conc: 284.53 ng/ml



#39 AR-1262-4

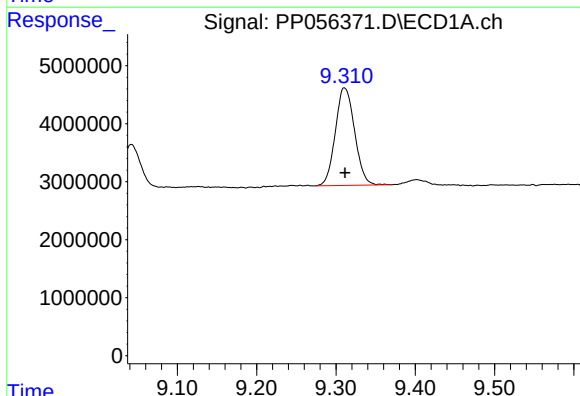
R.T.: 8.659 min
Delta R.T.: 0.000 min
Response: 18177702
Conc: 226.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



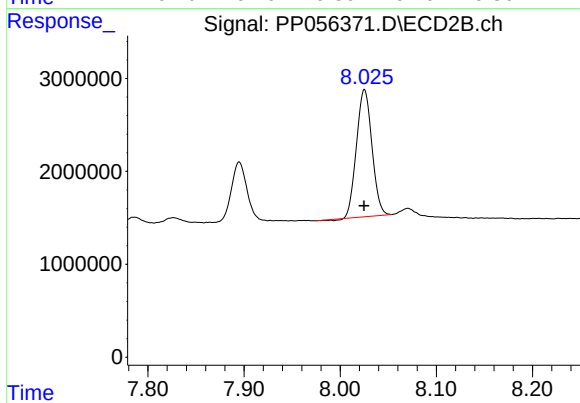
#39 AR-1262-4

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 45916518
Conc: 474.91 ng/ml



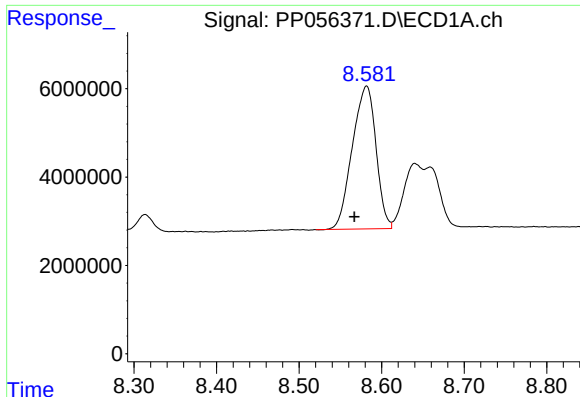
#40 AR-1262-5

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 28456552
Conc: 343.49 ng/ml



#40 AR-1262-5

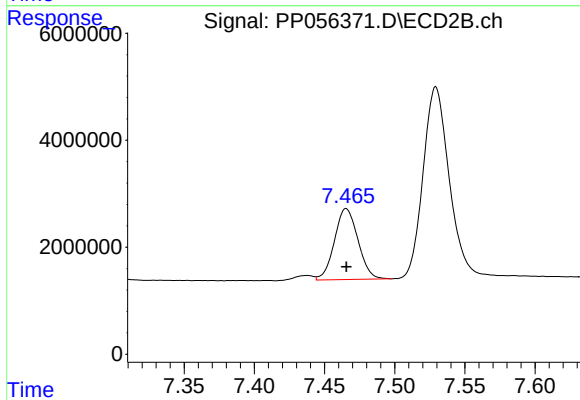
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 15284173
Conc: 340.14 ng/ml



#41 AR-1268-1

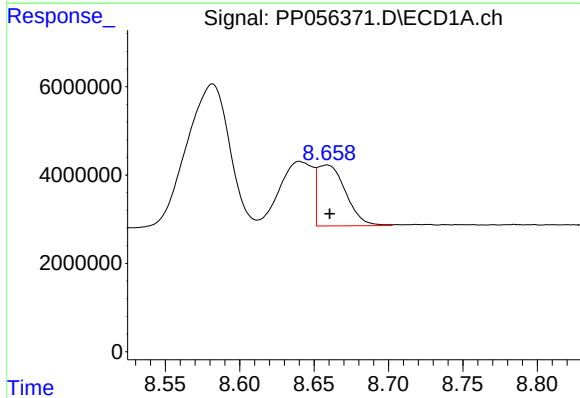
R.T.: 8.582 min
Delta R.T.: 0.015 min
Response: 64577988
Conc: 234.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



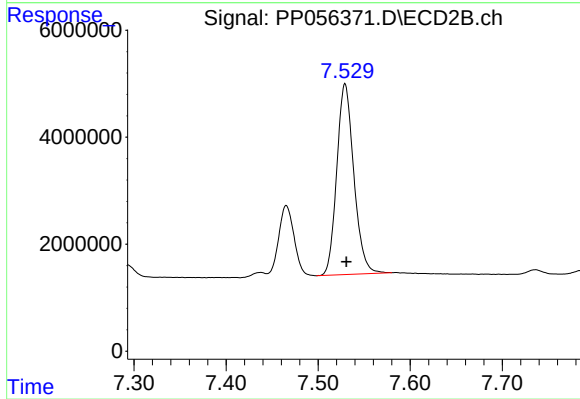
#41 AR-1268-1

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 15493812
Conc: 91.82 ng/ml



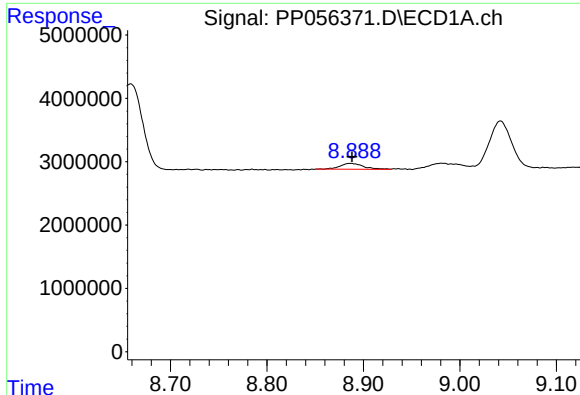
#42 AR-1268-2

R.T.: 8.659 min
Delta R.T.: -0.002 min
Response: 18177702
Conc: 70.49 ng/ml



#42 AR-1268-2

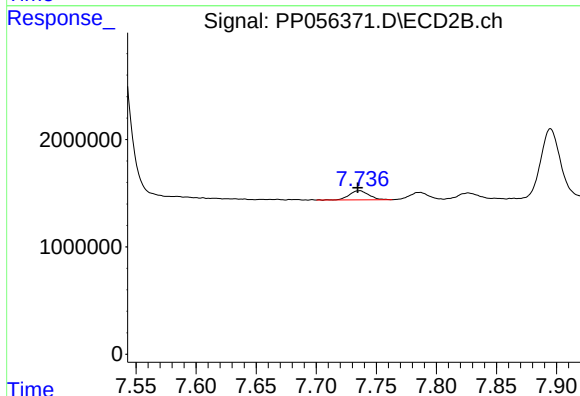
R.T.: 7.529 min
Delta R.T.: -0.001 min
Response: 45916518
Conc: 307.04 ng/ml



#43 AR-1268-3

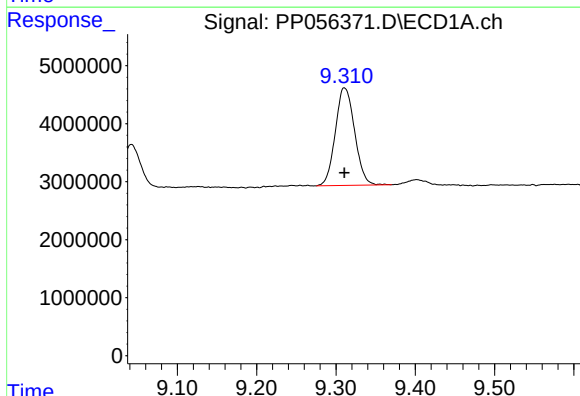
R.T.: 8.887 min
Delta R.T.: -0.002 min
Response: 1600466
Conc: 6.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



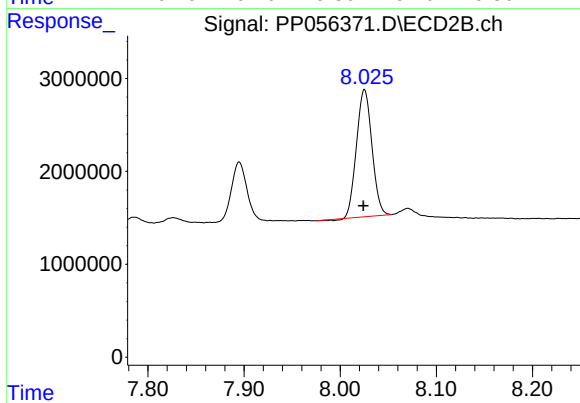
#43 AR-1268-3

R.T.: 7.736 min
Delta R.T.: 0.001 min
Response: 948089
Conc: 6.98 ng/ml



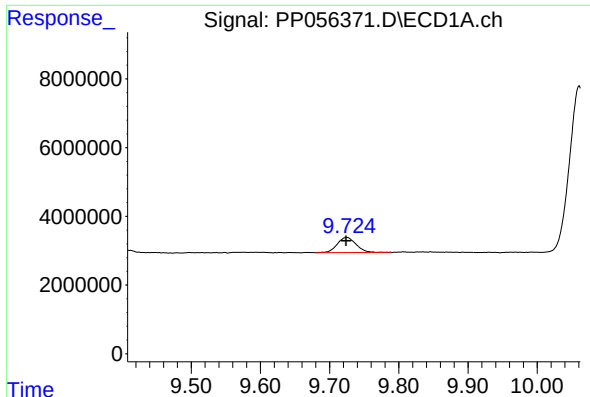
#44 AR-1268-4

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 28456552
Conc: 304.78 ng/ml



#44 AR-1268-4

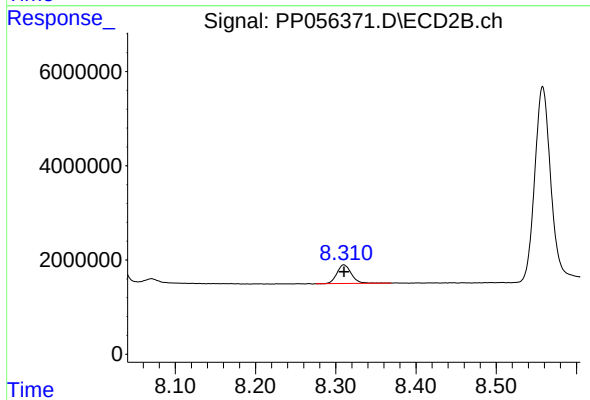
R.T.: 8.025 min
Delta R.T.: 0.001 min
Response: 15284173
Conc: 299.49 ng/ml



#45 AR-1268-5

R.T.: 9.725 min
Delta R.T.: 0.000 min
Response: 8343431
Conc: 11.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.310 min
Delta R.T.: 0.000 min
Response: 4959612
Conc: 12.75 ng/ml