

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP121923\
 Data File : PP062509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 10:57
 Operator : YP\AJ
 Sample : PB157864BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 12:17:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 19 06:30:31 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...	4.400	3.686	38982567	64543898	19.152	18.822
2)	SA Decachlor...	10.148	8.791	27810313	41785696	22.346	18.657
Target Compounds							
3)	L1 AR-1016-1	5.572	4.794	23097923	42891474	385.681	414.921
4)	L1 AR-1016-2	5.594	4.814	34124666	58949733	384.203	403.285
5)	L1 AR-1016-3	5.656	4.993	20961779	29711472	383.609	370.999
6)	L1 AR-1016-4	5.755	5.036	18762044	19289890	408.653	289.871 #
7)	L1 AR-1016-5	6.051	5.253	18899239	37686612	391.946	423.813
8)	L2 AR-1221-1	4.604	3.903	2960095	5497201	120.955	134.850
9)	L2 AR-1221-2	4.695	3.992	3442134	7675530	185.933	254.941 #
10)	L2 AR-1221-3	4.772	4.070	14231456	25604849	275.228	295.081
11)	L3 AR-1232-1	4.772	4.070	14231456	25604849	338.701	368.521
12)	L3 AR-1232-2	5.303	4.814	19696977	58949733	839.994	880.325
13)	L3 AR-1232-3	5.594	4.993	34124666	29711472	845.160	812.406
14)	L3 AR-1232-4	5.755	5.078	18762044	30083381	895.256	861.487
15)	L3 AR-1232-5	5.847	5.253	18471129	37686612	1169.344	987.790
16)	L4 AR-1242-1	5.572	4.794	23097923	42891474	467.107	487.962
17)	L4 AR-1242-2	5.594	4.814	34124666	58949733	466.952	481.060
18)	L4 AR-1242-3	5.656	4.993	20961779	29711472	468.752	443.094
19)	L4 AR-1242-4	5.755	5.078	18762044	30083381	487.344	434.289
20)	L4 AR-1242-5	6.494	5.611	2901200	26720693	74.587	332.939 #
21)	L5 AR-1248-1	5.572	4.794	23097923	42891474	613.796	650.985
22)	L5 AR-1248-2	5.847	5.036	18471129	19289890	313.518	200.274 #
23)	L5 AR-1248-3	6.051	5.078	18899239	30083381	287.861	296.701
24)	L5 AR-1248-4	0.000	5.253	0	37686612	N.D.	313.860 #
25)	L5 AR-1248-5	6.494	5.637f	2901200	42289345	44.193	390.460 #
26)	L6 AR-1254-1	6.429	5.611	28767425	26720693	384.038	150.657 #
27)	L6 AR-1254-2	6.649	5.761	17232098	27443842	151.534	177.687
28)	L6 AR-1254-3	7.015	6.186	30259029	42932734	260.026	177.932 #
29)	L6 AR-1254-4	7.302	6.402	6598397	4596014	88.225	35.264 #
30)	L6 AR-1254-5	7.721	6.825	40240616	80221939	516.289	400.277
31)	L7 AR-1260-1	7.181	6.303	34881640	60987395	389.062	362.954
32)	L7 AR-1260-2	7.439	6.492	33858711	107.5E6	350.767	568.880 #
33)	L7 AR-1260-3	7.799	6.649	21429023	69024786	325.563	371.060
34)	L7 AR-1260-4	8.024	7.127	28557675	44798756	383.422	303.473
35)	L7 AR-1260-5	8.343	7.370	54200908	108.6E6	399.306	357.603
36)	L8 AR-1262-1	7.857	6.919	12734758	28337413	305.753	315.638
37)	L8 AR-1262-2	8.343	7.127	54200908	44798756	349.959	237.507 #
38)	L8 AR-1262-3	8.665	7.668	37812811	266.8E6	344.395	1922.118 #
39)	L8 AR-1262-4	8.722f	7.720	21061780	137.5E6	249.941	564.968 #
40)	L8 AR-1262-5	9.396	8.224	15362087	22285320	275.431	205.364 #
41)	L9 AR-1268-1	8.665	7.668	37812811	266.8E6	187.574	663.842 #

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 Operator : YP\AJ
 Sample : PB157864BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

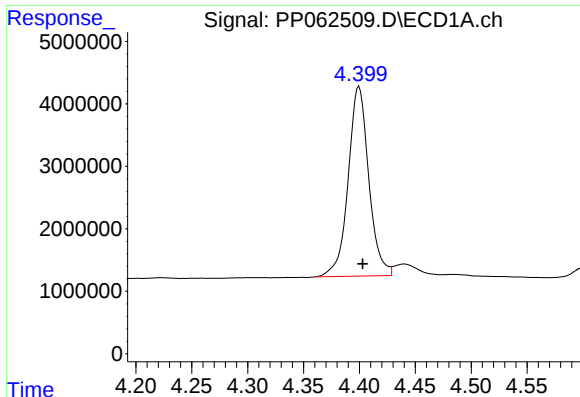
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 12:17:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121823.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	8.722f	7.720	21061780	137.5E6	118.161	383.235 #
43) L9	AR-1268-3	8.973	7.932	395641	1761980	2.486	5.507 #
44) L9	AR-1268-4	9.396	8.224	15362087	22285320	252.823	191.264
45) L9	AR-1268-5	9.805	8.526	5079510	7872248	11.102	9.508

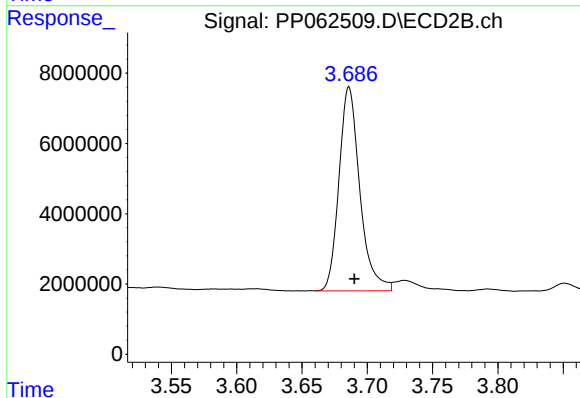
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

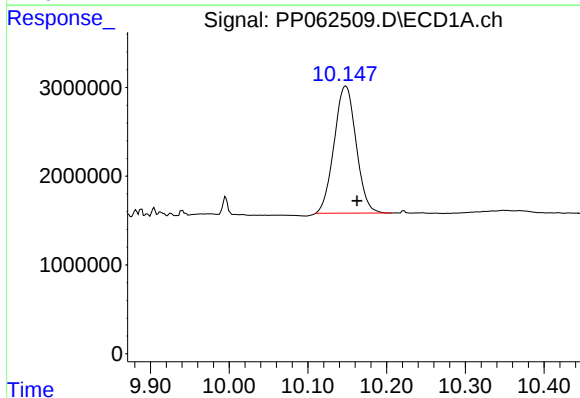
R.T.: 4.400 min
Delta R.T.: -0.003 min
Response: 38982567
Conc: 19.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



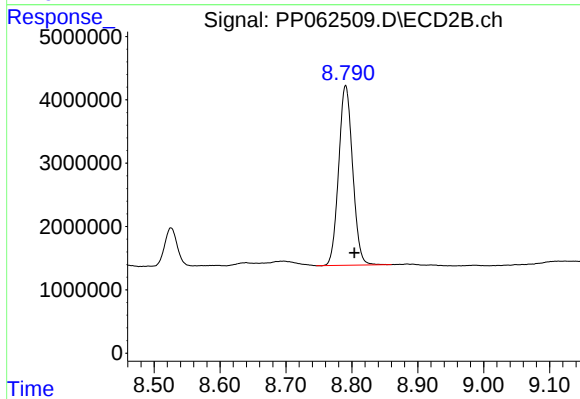
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: -0.004 min
Response: 64543898
Conc: 18.82 ng/ml



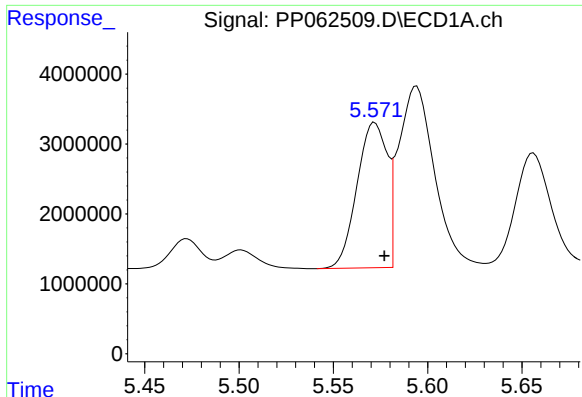
#2 Decachlorobiphenyl

R.T.: 10.148 min
Delta R.T.: -0.014 min
Response: 27810313
Conc: 22.35 ng/ml



#2 Decachlorobiphenyl

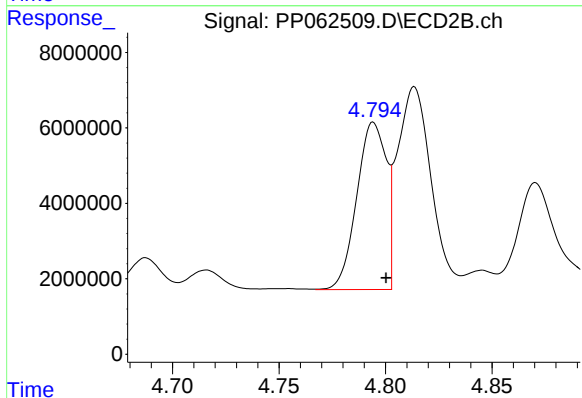
R.T.: 8.791 min
Delta R.T.: -0.013 min
Response: 41785696
Conc: 18.66 ng/ml



#3 AR-1016-1

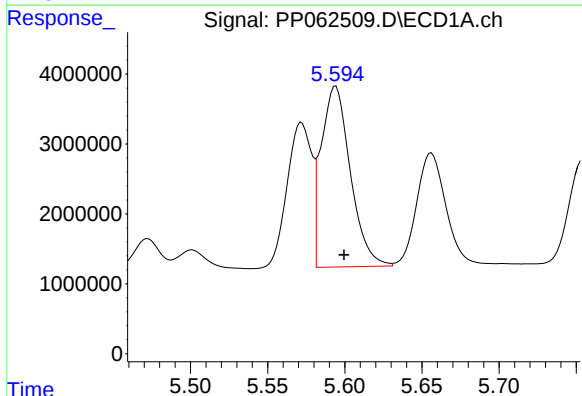
R.T.: 5.572 min
Delta R.T.: -0.005 min
Response: 23097923
Conc: 385.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



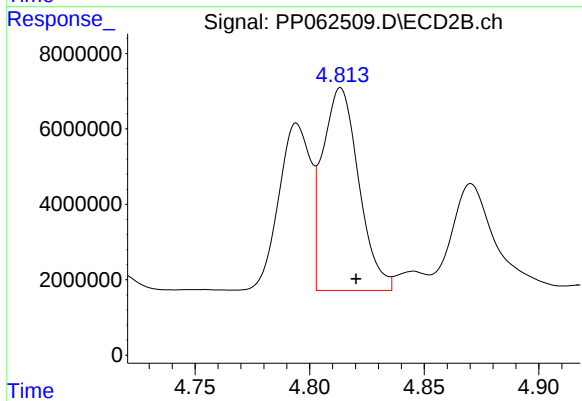
#3 AR-1016-1

R.T.: 4.794 min
Delta R.T.: -0.006 min
Response: 42891474
Conc: 414.92 ng/ml



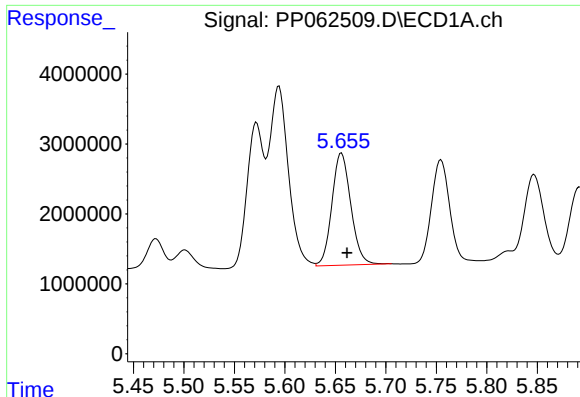
#4 AR-1016-2

R.T.: 5.594 min
Delta R.T.: -0.005 min
Response: 34124666
Conc: 384.20 ng/ml



#4 AR-1016-2

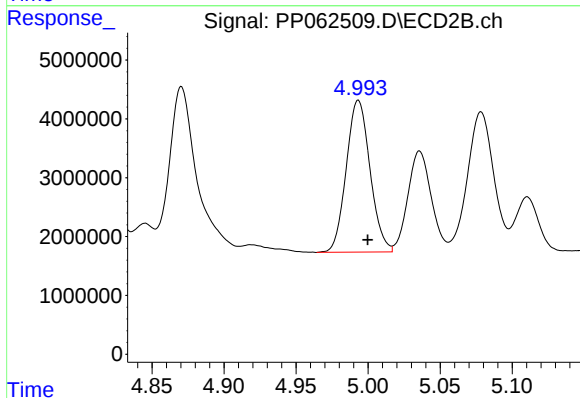
R.T.: 4.814 min
Delta R.T.: -0.007 min
Response: 58949733
Conc: 403.28 ng/ml



#5 AR-1016-3

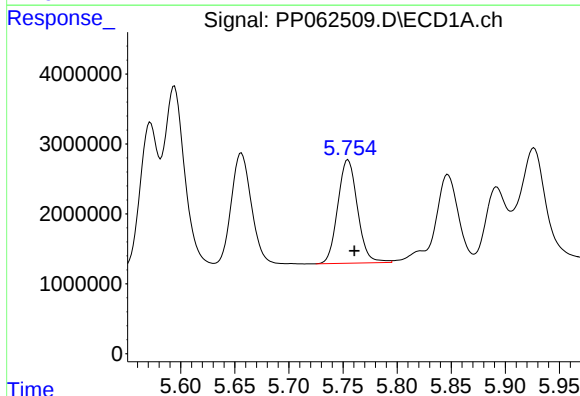
R.T.: 5.656 min
Delta R.T.: -0.006 min
Response: 20961779
Conc: 383.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



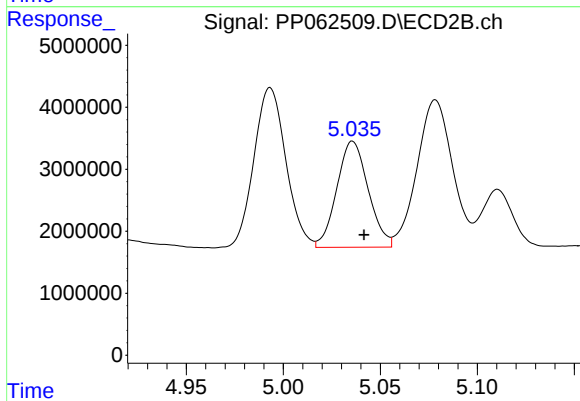
#5 AR-1016-3

R.T.: 4.993 min
Delta R.T.: -0.007 min
Response: 29711472
Conc: 371.00 ng/ml



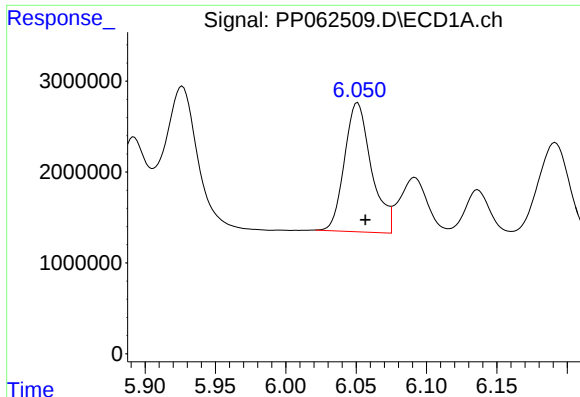
#6 AR-1016-4

R.T.: 5.755 min
Delta R.T.: -0.006 min
Response: 18762044
Conc: 408.65 ng/ml



#6 AR-1016-4

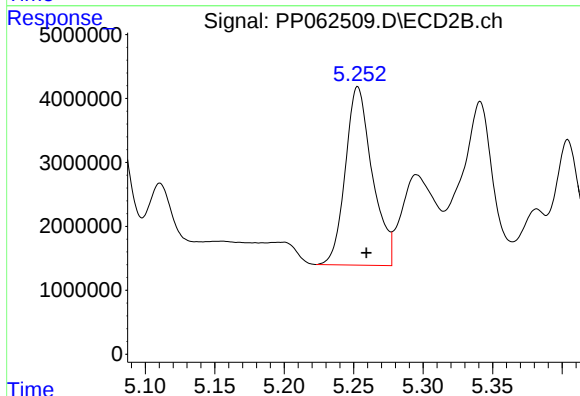
R.T.: 5.036 min
Delta R.T.: -0.006 min
Response: 19289890
Conc: 289.87 ng/ml



#7 AR-1016-5

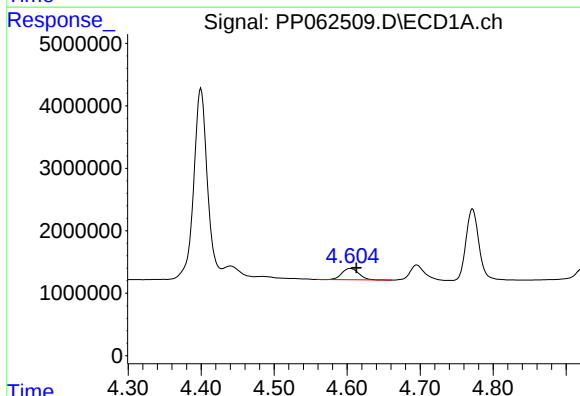
R.T.: 6.051 min
Delta R.T.: -0.006 min
Response: 18899239
Conc: 391.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



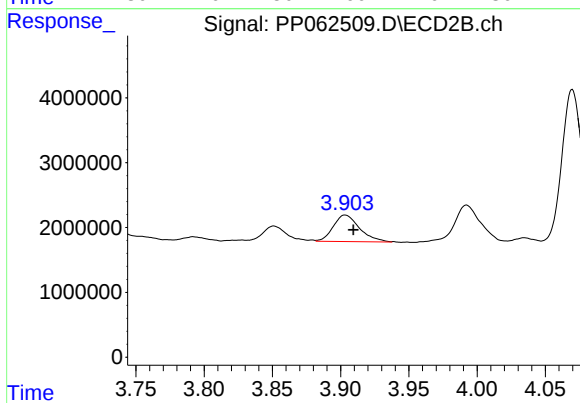
#7 AR-1016-5

R.T.: 5.253 min
Delta R.T.: -0.006 min
Response: 37686612
Conc: 423.81 ng/ml



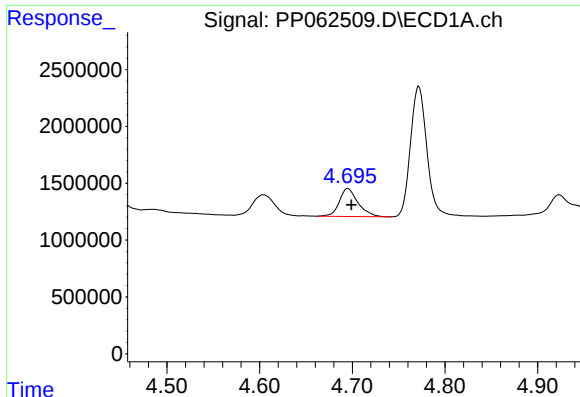
#8 AR-1221-1

R.T.: 4.604 min
Delta R.T.: -0.008 min
Response: 2960095
Conc: 120.95 ng/ml



#8 AR-1221-1

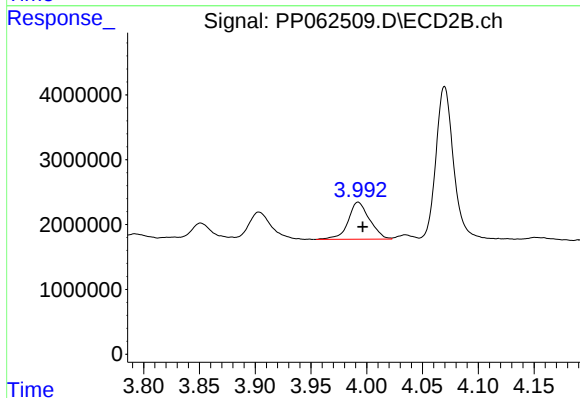
R.T.: 3.903 min
Delta R.T.: -0.006 min
Response: 5497201
Conc: 134.85 ng/ml



#9 AR-1221-2

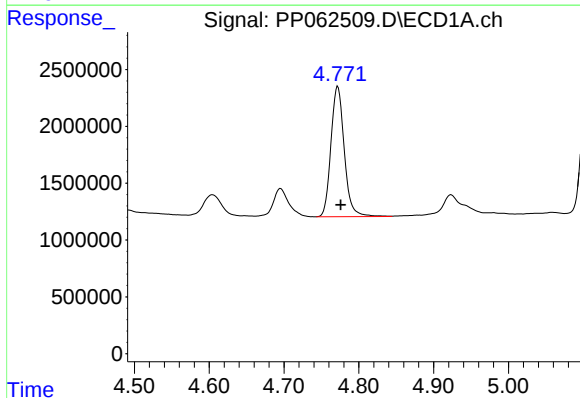
R.T.: 4.695 min
Delta R.T.: -0.004 min
Response: 3442134
Conc: 185.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



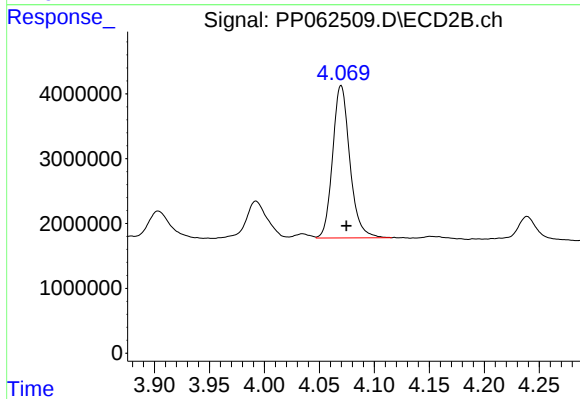
#9 AR-1221-2

R.T.: 3.992 min
Delta R.T.: -0.004 min
Response: 7675530
Conc: 254.94 ng/ml



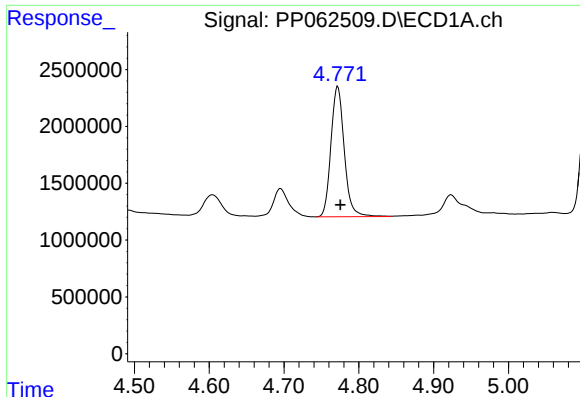
#10 AR-1221-3

R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 14231456
Conc: 275.23 ng/ml



#10 AR-1221-3

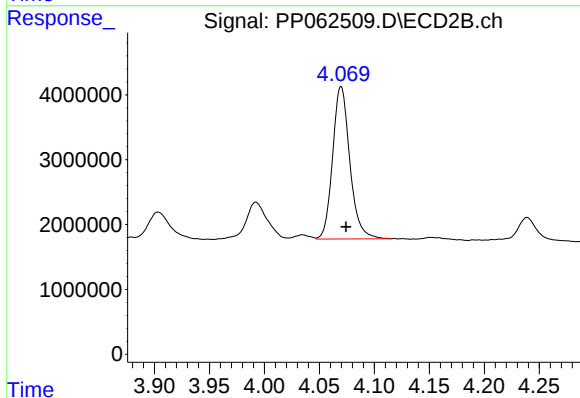
R.T.: 4.070 min
Delta R.T.: -0.005 min
Response: 25604849
Conc: 295.08 ng/ml



#11 AR-1232-1

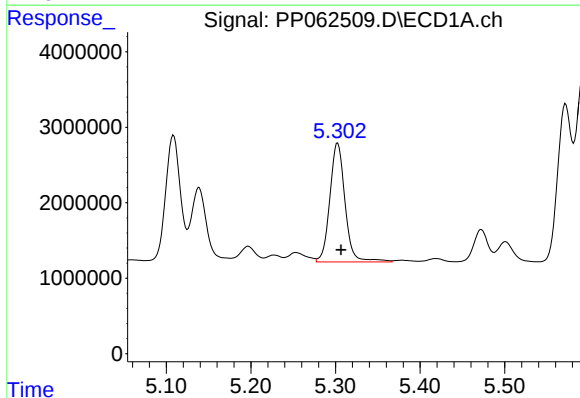
R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 14231456
Conc: 338.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



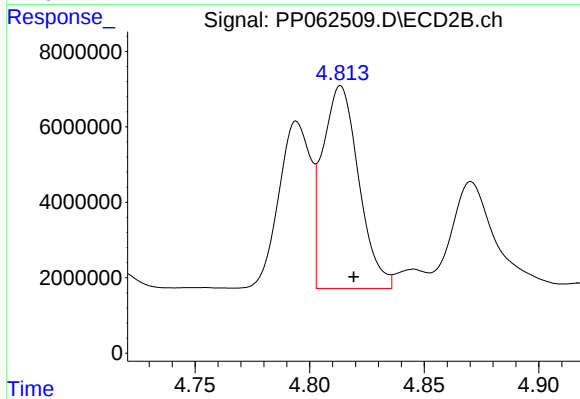
#11 AR-1232-1

R.T.: 4.070 min
Delta R.T.: -0.004 min
Response: 25604849
Conc: 368.52 ng/ml



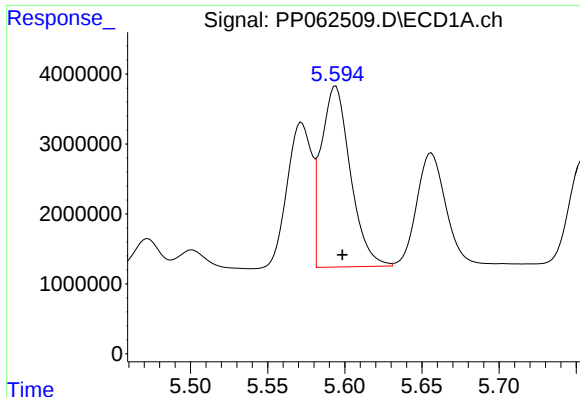
#12 AR-1232-2

R.T.: 5.303 min
Delta R.T.: -0.004 min
Response: 19696977
Conc: 839.99 ng/ml



#12 AR-1232-2

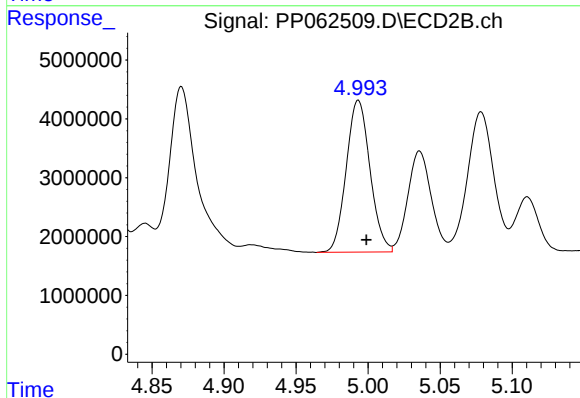
R.T.: 4.814 min
Delta R.T.: -0.006 min
Response: 58949733
Conc: 880.33 ng/ml



#13 AR-1232-3

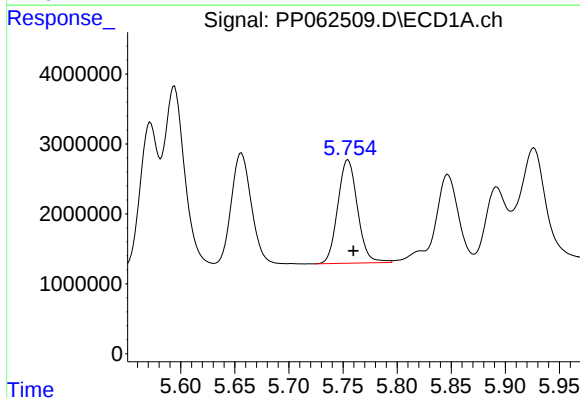
R.T.: 5.594 min
Delta R.T.: -0.004 min
Response: 34124666
Conc: 845.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



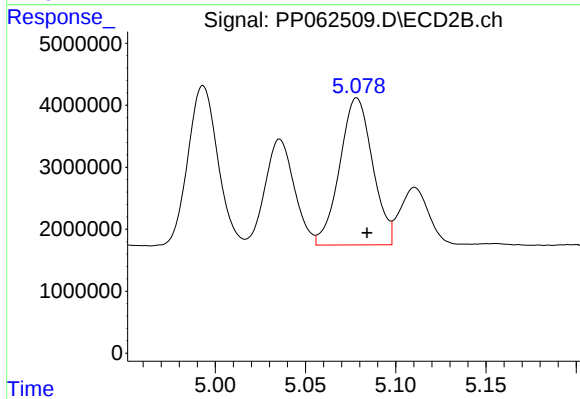
#13 AR-1232-3

R.T.: 4.993 min
Delta R.T.: -0.006 min
Response: 29711472
Conc: 812.41 ng/ml



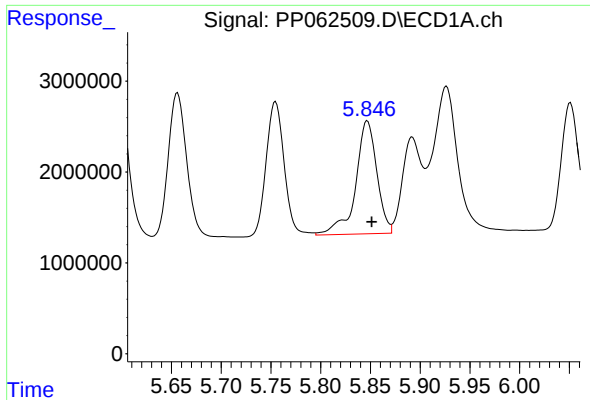
#14 AR-1232-4

R.T.: 5.755 min
Delta R.T.: -0.005 min
Response: 18762044
Conc: 895.26 ng/ml



#14 AR-1232-4

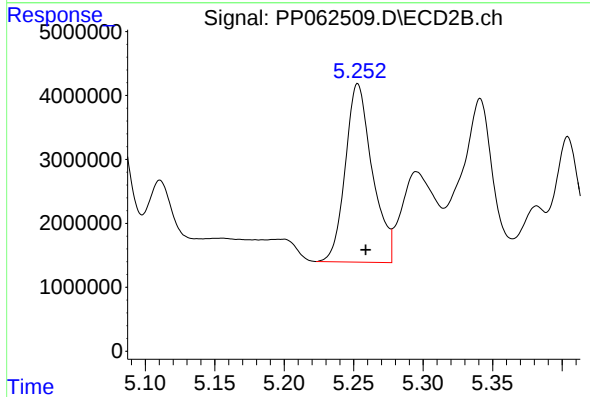
R.T.: 5.078 min
Delta R.T.: -0.006 min
Response: 30083381
Conc: 861.49 ng/ml



#15 AR-1232-5

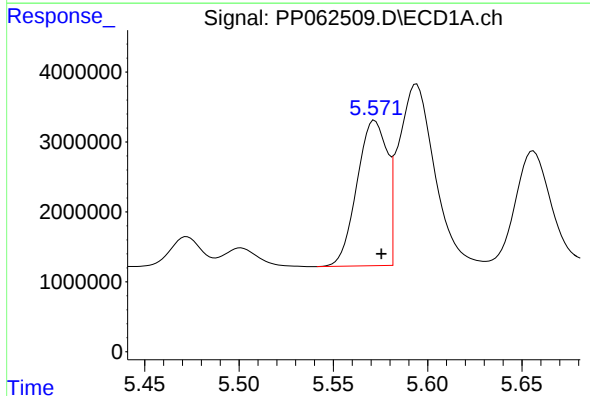
R.T.: 5.847 min
Delta R.T.: -0.004 min
Response: 18471129
Conc: 1169.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



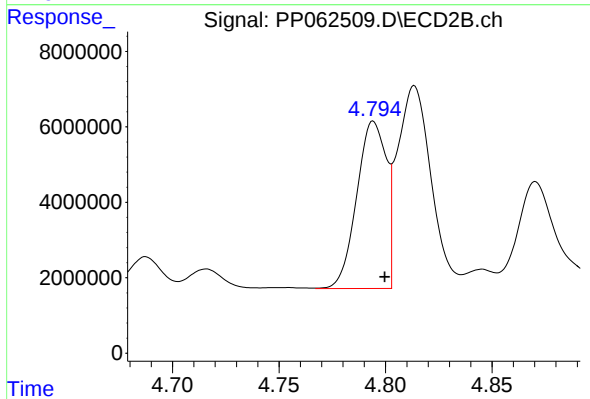
#15 AR-1232-5

R.T.: 5.253 min
Delta R.T.: -0.006 min
Response: 37686612
Conc: 987.79 ng/ml



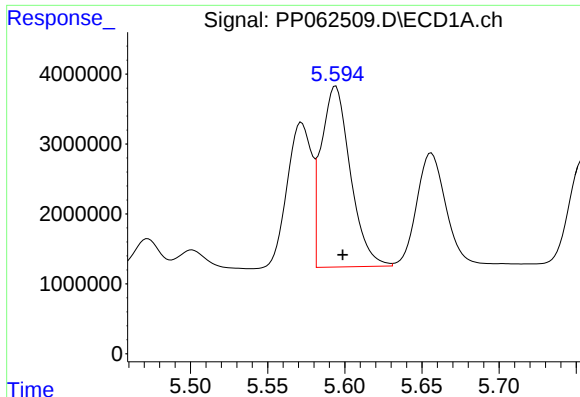
#16 AR-1242-1

R.T.: 5.572 min
Delta R.T.: -0.004 min
Response: 23097923
Conc: 467.11 ng/ml



#16 AR-1242-1

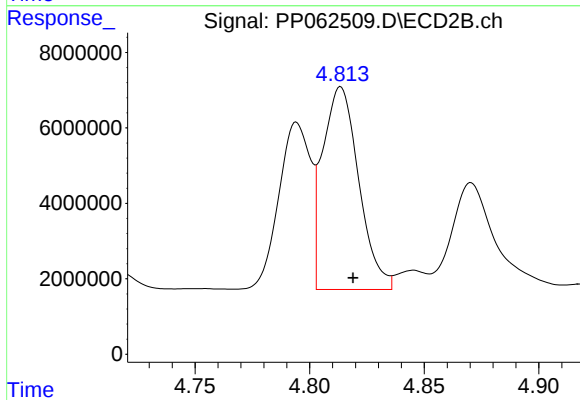
R.T.: 4.794 min
Delta R.T.: -0.005 min
Response: 42891474
Conc: 487.96 ng/ml



#17 AR-1242-2

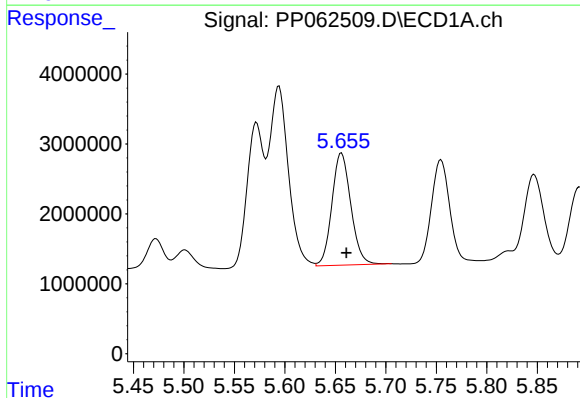
R.T.: 5.594 min
Delta R.T.: -0.004 min
Response: 34124666
Conc: 466.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



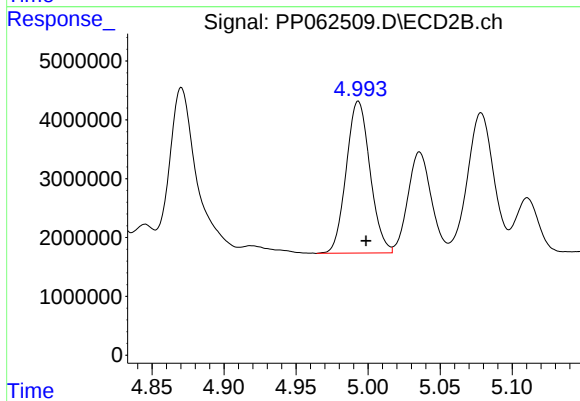
#17 AR-1242-2

R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 58949733
Conc: 481.06 ng/ml



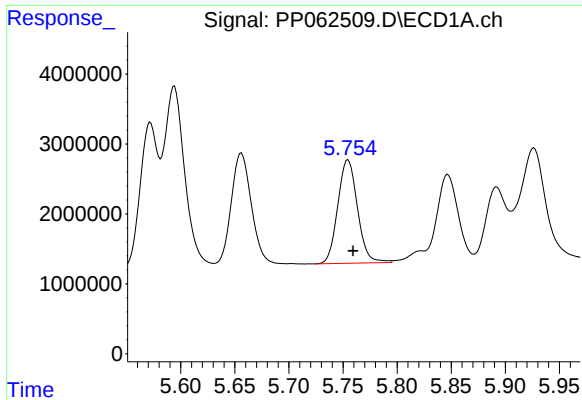
#18 AR-1242-3

R.T.: 5.656 min
Delta R.T.: -0.005 min
Response: 20961779
Conc: 468.75 ng/ml



#18 AR-1242-3

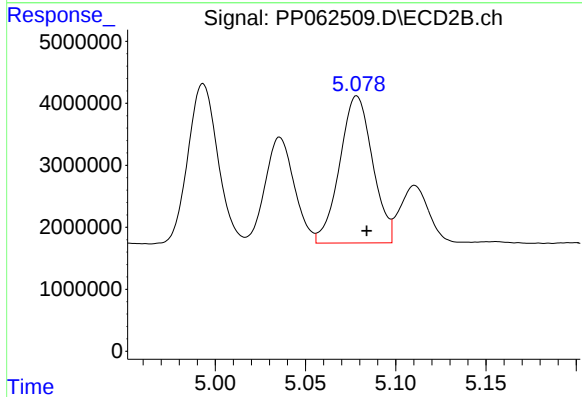
R.T.: 4.993 min
Delta R.T.: -0.005 min
Response: 29711472
Conc: 443.09 ng/ml



#19 AR-1242-4

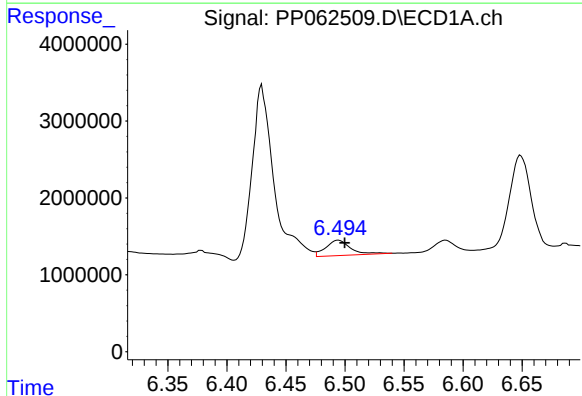
R.T.: 5.755 min
Delta R.T.: -0.005 min
Response: 18762044
Conc: 487.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



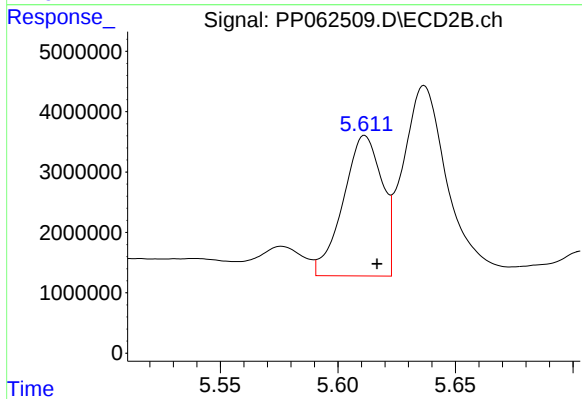
#19 AR-1242-4

R.T.: 5.078 min
Delta R.T.: -0.006 min
Response: 30083381
Conc: 434.29 ng/ml



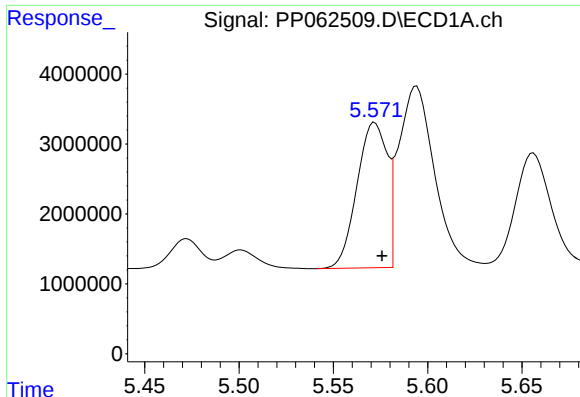
#20 AR-1242-5

R.T.: 6.494 min
Delta R.T.: -0.005 min
Response: 2901200
Conc: 74.59 ng/ml



#20 AR-1242-5

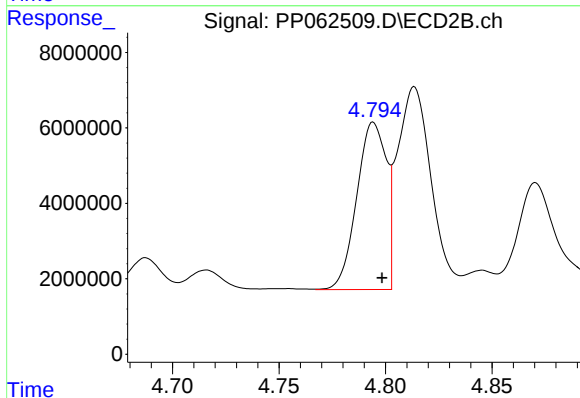
R.T.: 5.611 min
Delta R.T.: -0.005 min
Response: 26720693
Conc: 332.94 ng/ml



#21 AR-1248-1

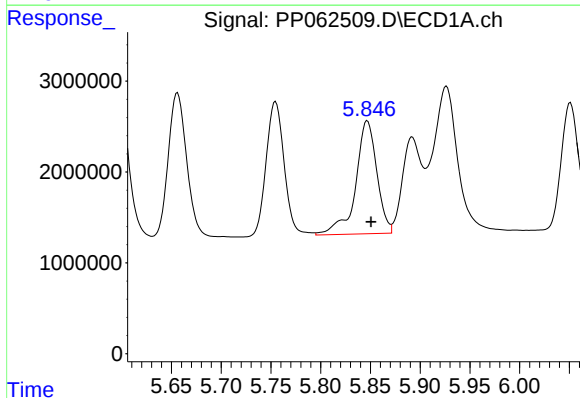
R.T.: 5.572 min
Delta R.T.: -0.004 min
Response: 23097923
Conc: 613.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



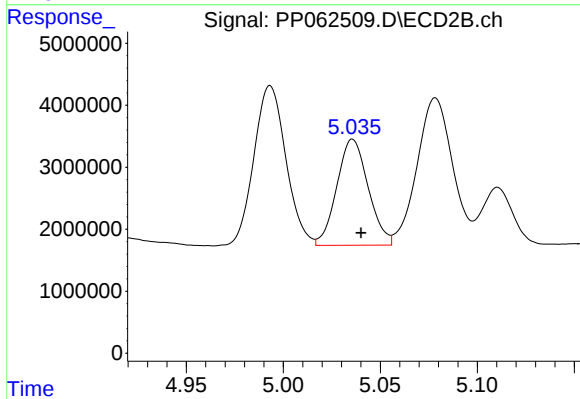
#21 AR-1248-1

R.T.: 4.794 min
Delta R.T.: -0.004 min
Response: 42891474
Conc: 650.98 ng/ml



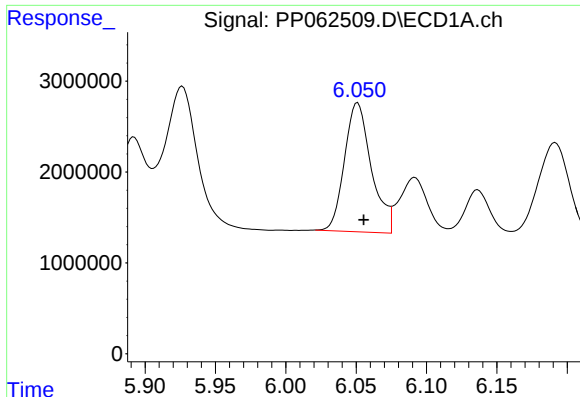
#22 AR-1248-2

R.T.: 5.847 min
Delta R.T.: -0.004 min
Response: 18471129
Conc: 313.52 ng/ml



#22 AR-1248-2

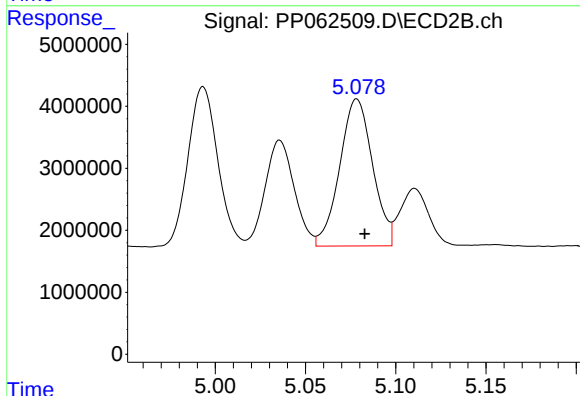
R.T.: 5.036 min
Delta R.T.: -0.004 min
Response: 19289890
Conc: 200.27 ng/ml



#23 AR-1248-3

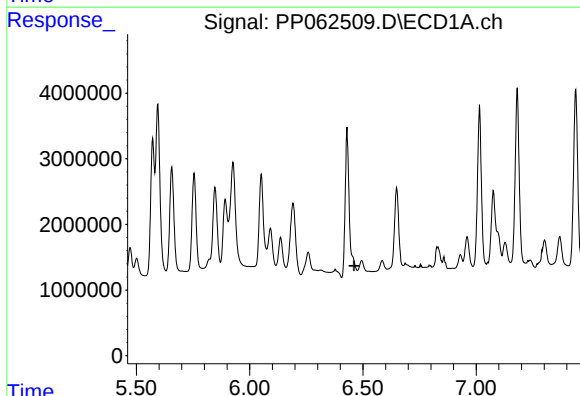
R.T.: 6.051 min
Delta R.T.: -0.004 min
Response: 18899239
Conc: 287.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



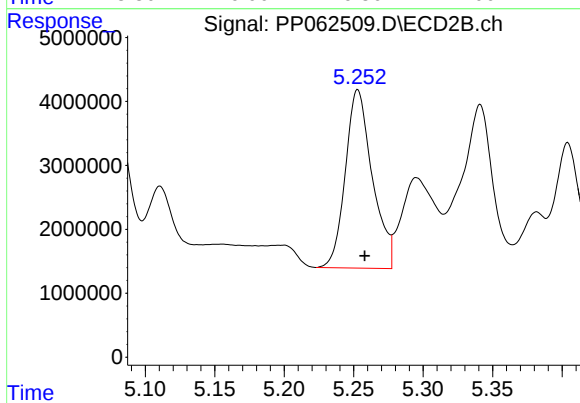
#23 AR-1248-3

R.T.: 5.078 min
Delta R.T.: -0.004 min
Response: 30083381
Conc: 296.70 ng/ml



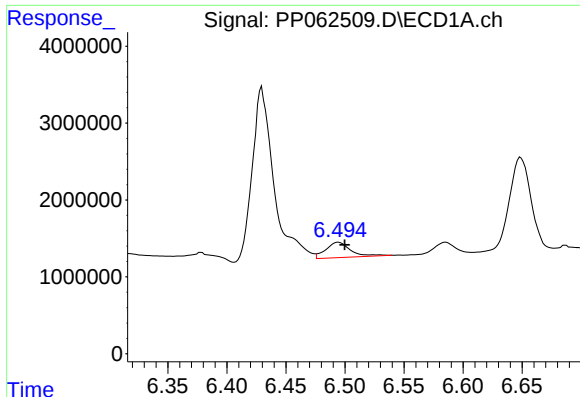
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.460 min
Response: 0
Conc: N.D.



#24 AR-1248-4

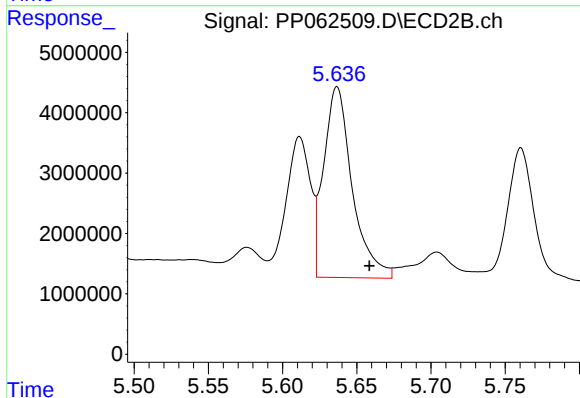
R.T.: 5.253 min
Delta R.T.: -0.005 min
Response: 37686612
Conc: 313.86 ng/ml



#25 AR-1248-5

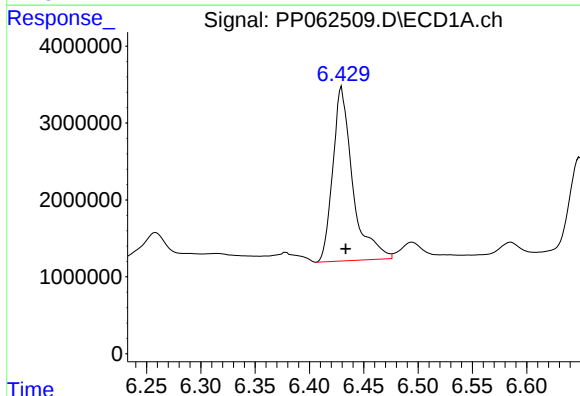
R.T.: 6.494 min
Delta R.T.: -0.005 min
Response: 2901200
Conc: 44.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



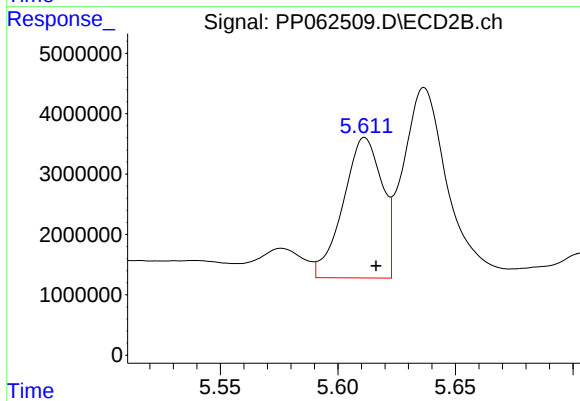
#25 AR-1248-5

R.T.: 5.637 min
Delta R.T.: -0.022 min
Response: 42289345
Conc: 390.46 ng/ml



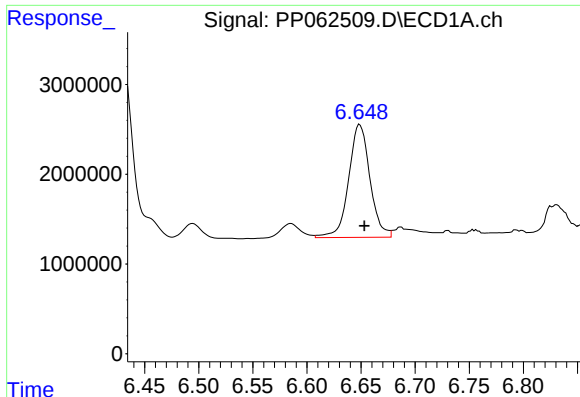
#26 AR-1254-1

R.T.: 6.429 min
Delta R.T.: -0.004 min
Response: 28767425
Conc: 384.04 ng/ml



#26 AR-1254-1

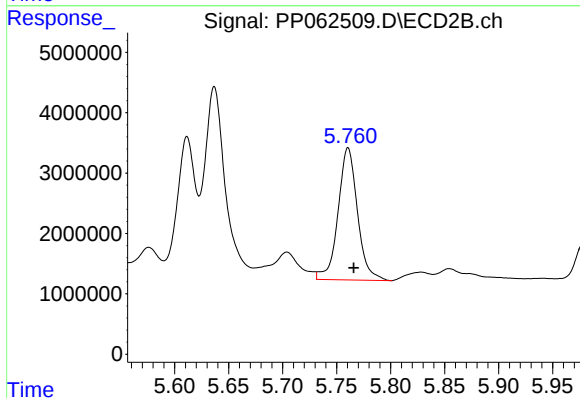
R.T.: 5.611 min
Delta R.T.: -0.005 min
Response: 26720693
Conc: 150.66 ng/ml



#27 AR-1254-2

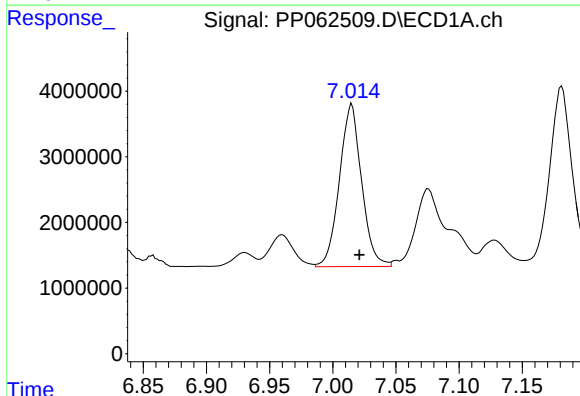
R.T.: 6.649 min
Delta R.T.: -0.004 min
Response: 17232098
Conc: 151.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



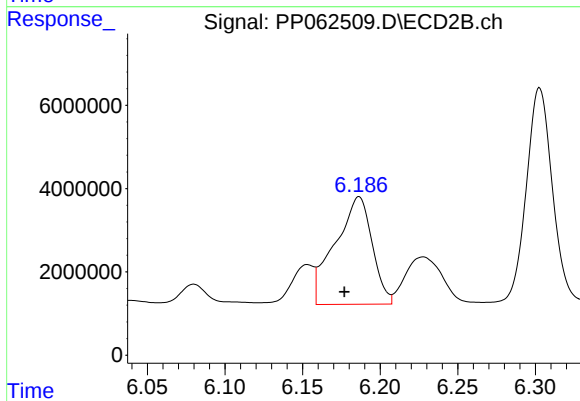
#27 AR-1254-2

R.T.: 5.761 min
Delta R.T.: -0.005 min
Response: 27443842
Conc: 177.69 ng/ml



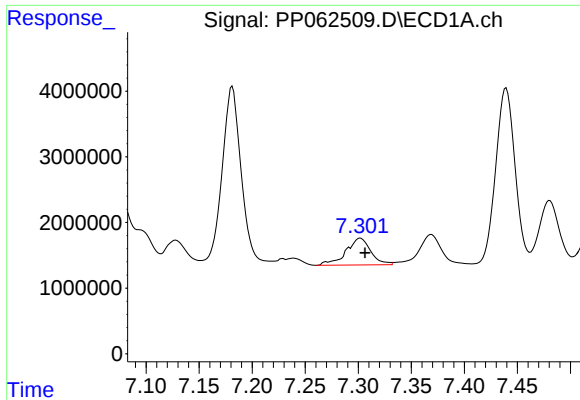
#28 AR-1254-3

R.T.: 7.015 min
Delta R.T.: -0.006 min
Response: 30259029
Conc: 260.03 ng/ml



#28 AR-1254-3

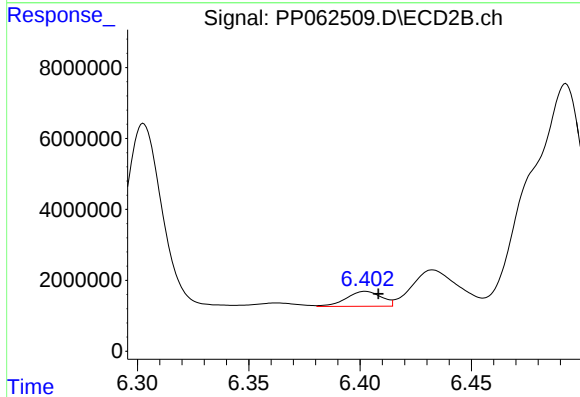
R.T.: 6.186 min
Delta R.T.: 0.010 min
Response: 42932734
Conc: 177.93 ng/ml



#29 AR-1254-4

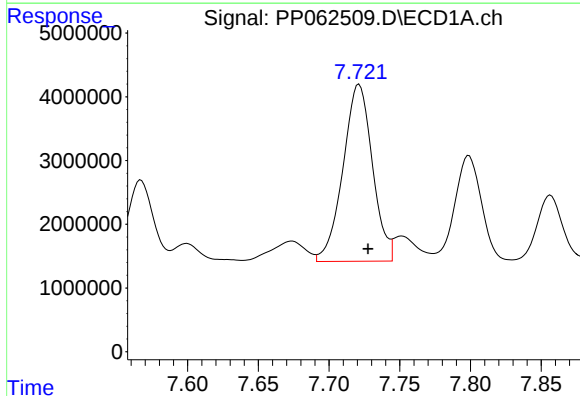
R.T.: 7.302 min
Delta R.T.: -0.005 min
Response: 6598397
Conc: 88.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



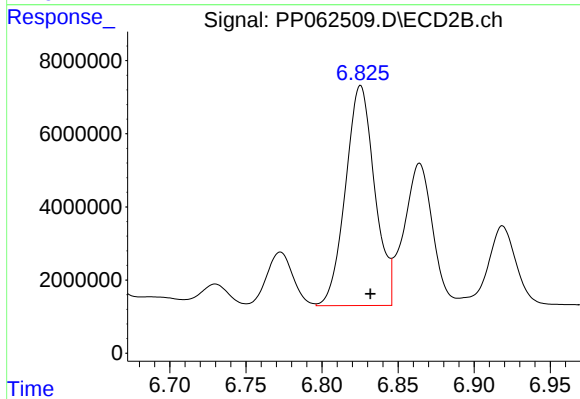
#29 AR-1254-4

R.T.: 6.402 min
Delta R.T.: -0.006 min
Response: 4596014
Conc: 35.26 ng/ml



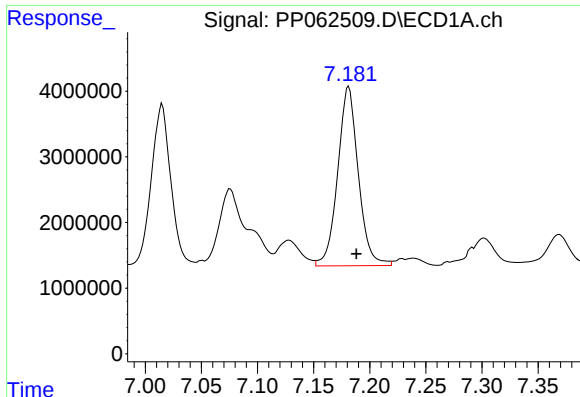
#30 AR-1254-5

R.T.: 7.721 min
Delta R.T.: -0.006 min
Response: 40240616
Conc: 516.29 ng/ml



#30 AR-1254-5

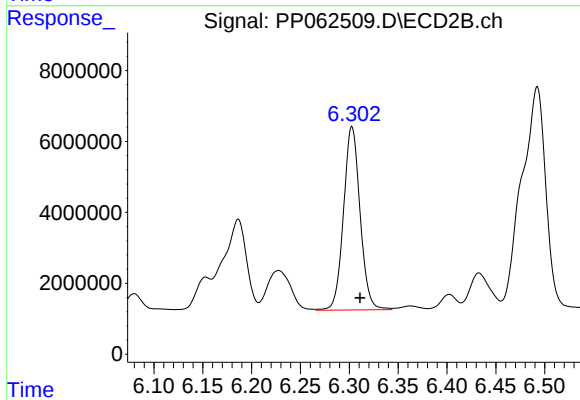
R.T.: 6.825 min
Delta R.T.: -0.007 min
Response: 80221939
Conc: 400.28 ng/ml



#31 AR-1260-1

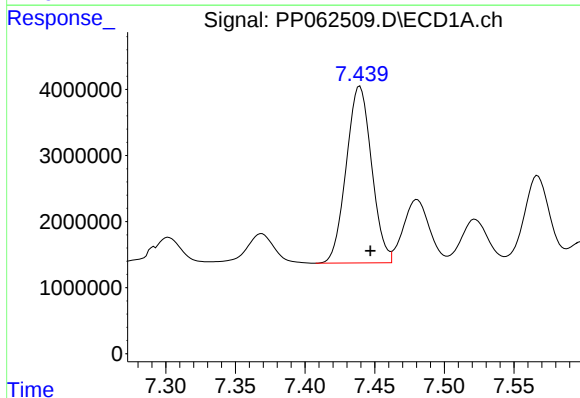
R.T.: 7.181 min
Delta R.T.: -0.007 min
Response: 34881640
Conc: 389.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



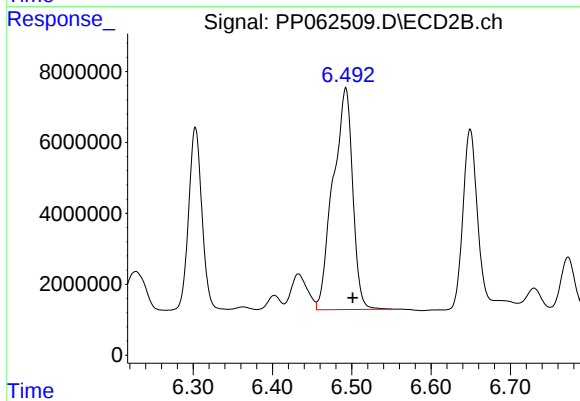
#31 AR-1260-1

R.T.: 6.303 min
Delta R.T.: -0.008 min
Response: 60987395
Conc: 362.95 ng/ml



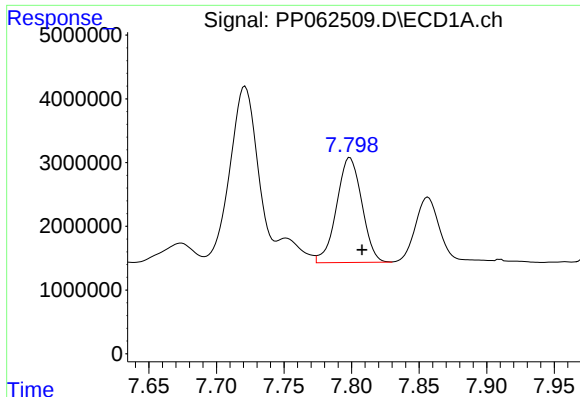
#32 AR-1260-2

R.T.: 7.439 min
Delta R.T.: -0.008 min
Response: 33858711
Conc: 350.77 ng/ml



#32 AR-1260-2

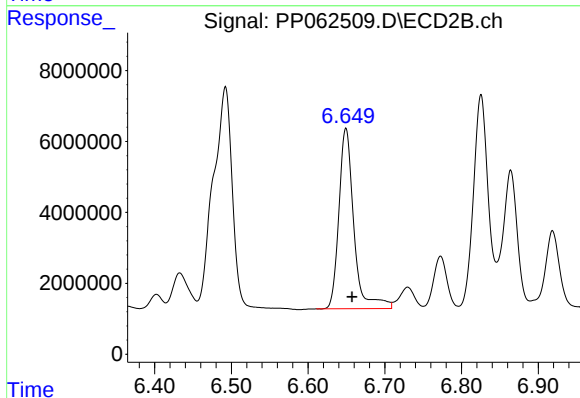
R.T.: 6.492 min
Delta R.T.: -0.009 min
Response: 107459810
Conc: 568.88 ng/ml



#33 AR-1260-3

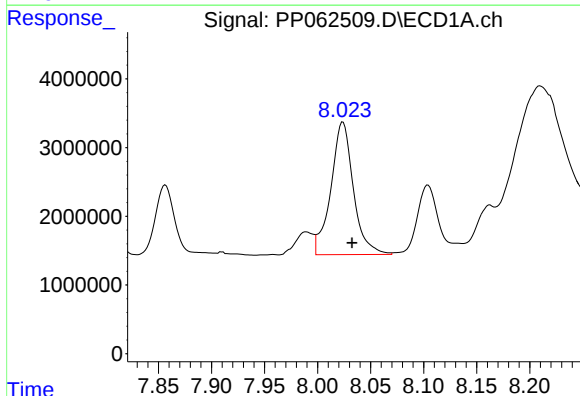
R.T.: 7.799 min
Delta R.T.: -0.009 min
Response: 21429023
Conc: 325.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



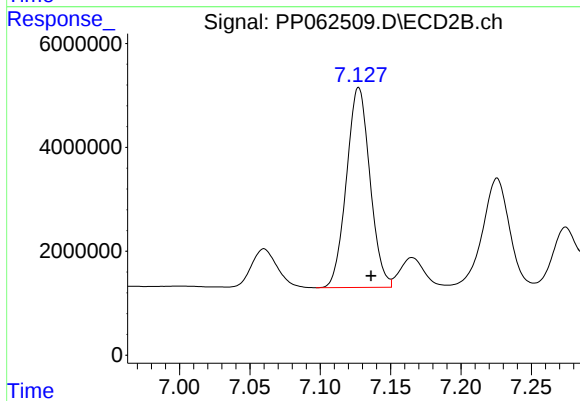
#33 AR-1260-3

R.T.: 6.649 min
Delta R.T.: -0.008 min
Response: 69024786
Conc: 371.06 ng/ml



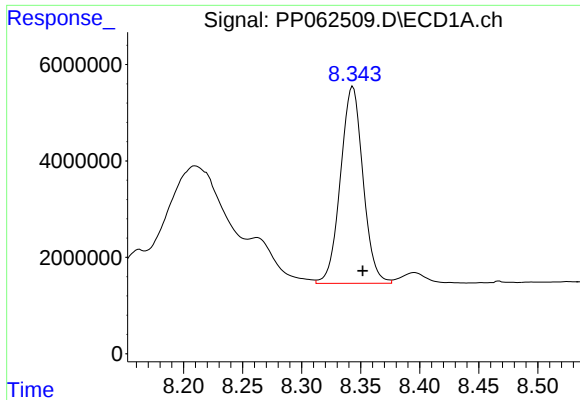
#34 AR-1260-4

R.T.: 8.024 min
Delta R.T.: -0.009 min
Response: 28557675
Conc: 383.42 ng/ml



#34 AR-1260-4

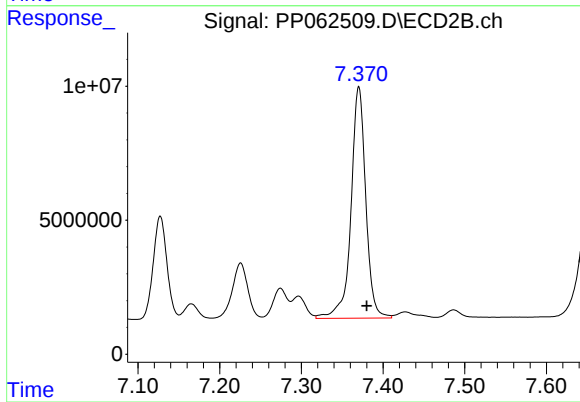
R.T.: 7.127 min
Delta R.T.: -0.009 min
Response: 44798756
Conc: 303.47 ng/ml



#35 AR-1260-5

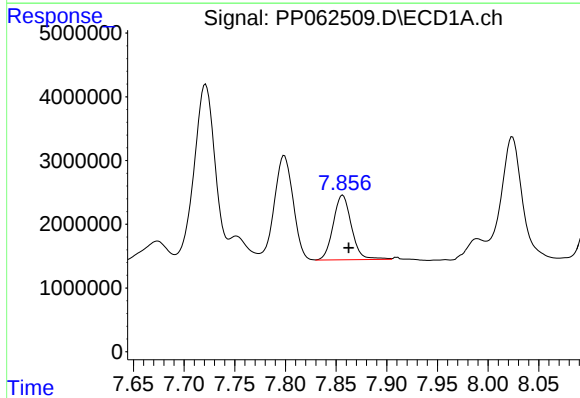
R.T.: 8.343 min
Delta R.T.: -0.008 min
Response: 54200908
Conc: 399.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



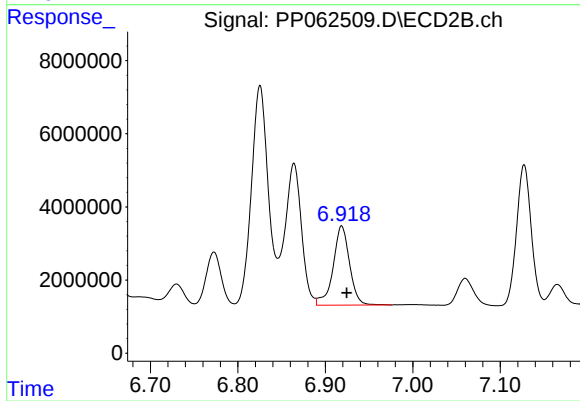
#35 AR-1260-5

R.T.: 7.370 min
Delta R.T.: -0.009 min
Response: 108551945
Conc: 357.60 ng/ml



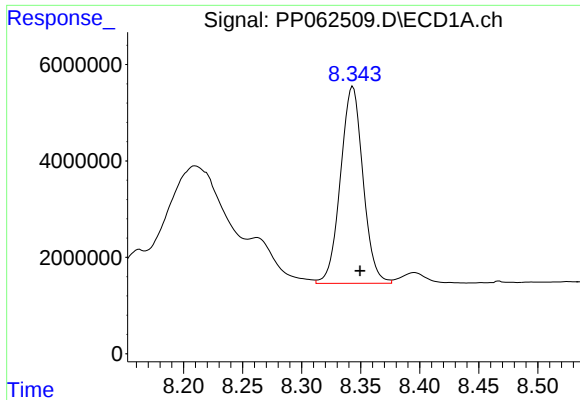
#36 AR-1262-1

R.T.: 7.857 min
Delta R.T.: -0.006 min
Response: 12734758
Conc: 305.75 ng/ml



#36 AR-1262-1

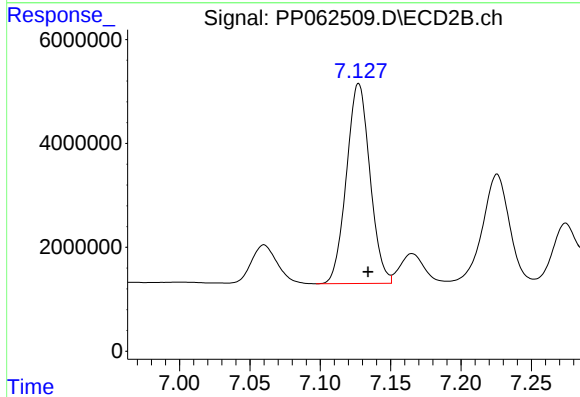
R.T.: 6.919 min
Delta R.T.: -0.006 min
Response: 28337413
Conc: 315.64 ng/ml



#37 AR-1262-2

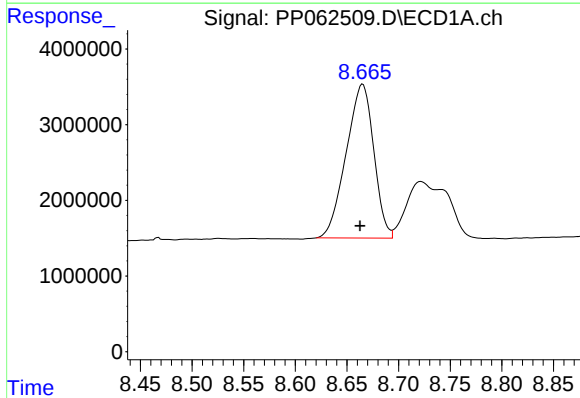
R.T.: 8.343 min
Delta R.T.: -0.006 min
Response: 54200908
Conc: 349.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



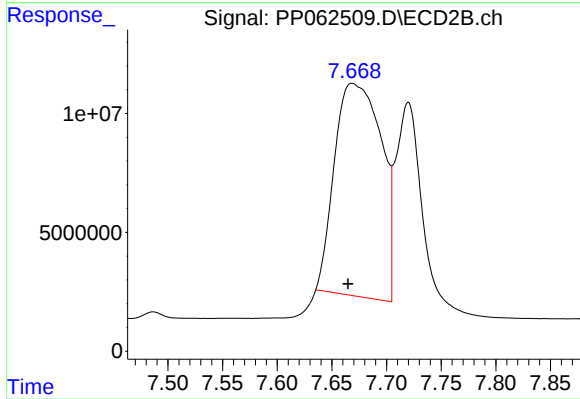
#37 AR-1262-2

R.T.: 7.127 min
Delta R.T.: -0.007 min
Response: 44798756
Conc: 237.51 ng/ml



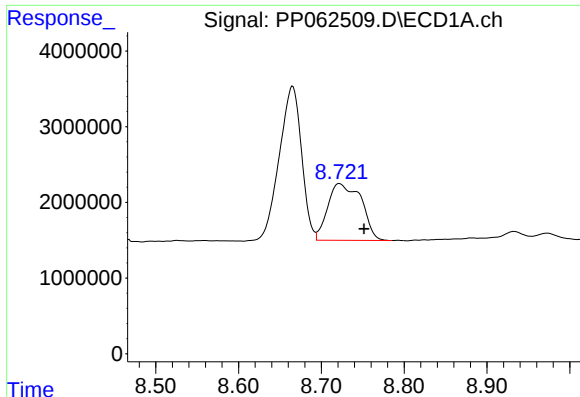
#38 AR-1262-3

R.T.: 8.665 min
Delta R.T.: 0.003 min
Response: 37812811
Conc: 344.39 ng/ml



#38 AR-1262-3

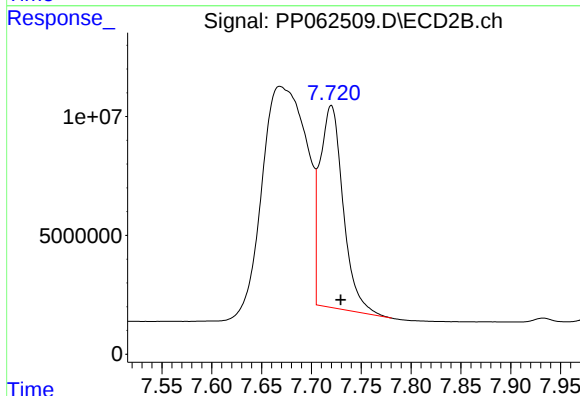
R.T.: 7.668 min
Delta R.T.: 0.004 min
Response: 266843570
Conc: 1922.12 ng/ml



#39 AR-1262-4

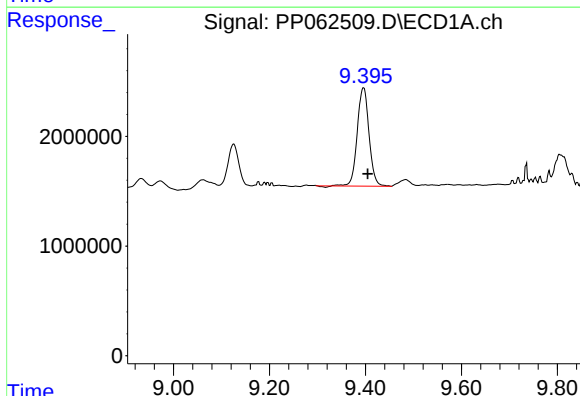
R.T.: 8.722 min
Delta R.T.: -0.030 min
Response: 21061780
Conc: 249.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



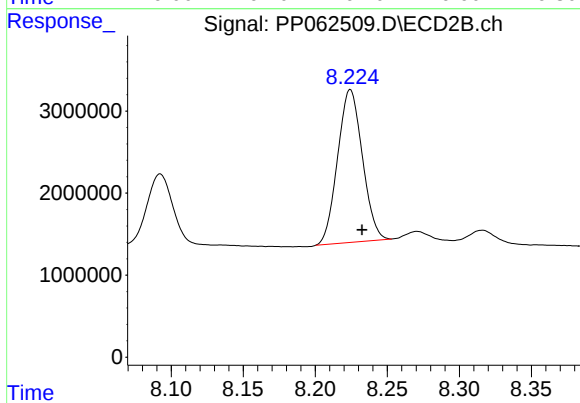
#39 AR-1262-4

R.T.: 7.720 min
Delta R.T.: -0.010 min
Response: 137526062
Conc: 564.97 ng/ml



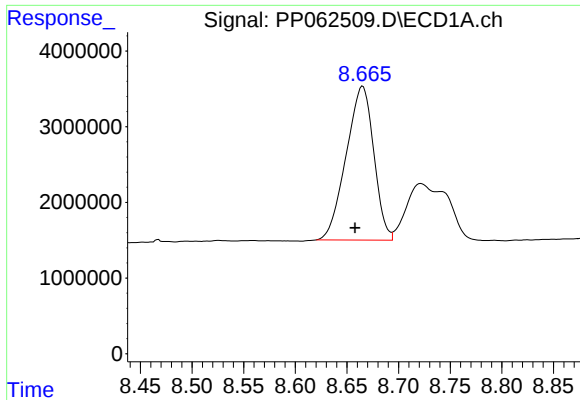
#40 AR-1262-5

R.T.: 9.396 min
Delta R.T.: -0.009 min
Response: 15362087
Conc: 275.43 ng/ml



#40 AR-1262-5

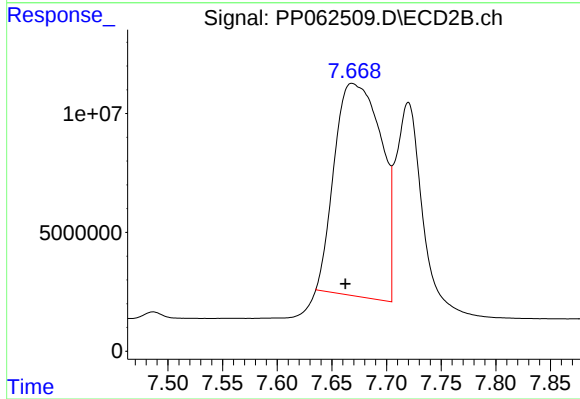
R.T.: 8.224 min
Delta R.T.: -0.008 min
Response: 22285320
Conc: 205.36 ng/ml



#41 AR-1268-1

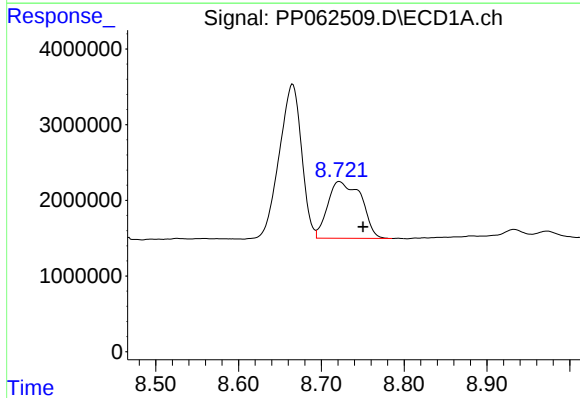
R.T.: 8.665 min
Delta R.T.: 0.007 min
Response: 37812811
Conc: 187.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



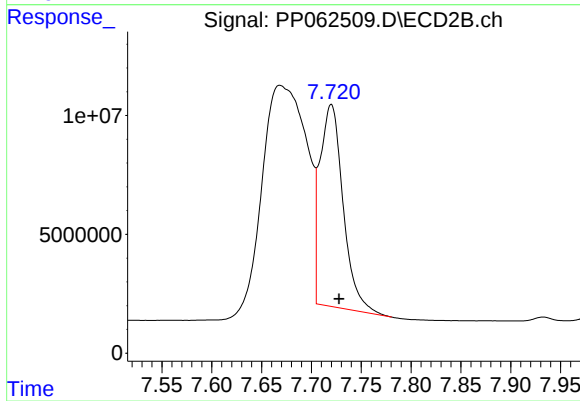
#41 AR-1268-1

R.T.: 7.668 min
Delta R.T.: 0.006 min
Response: 266843570
Conc: 663.84 ng/ml



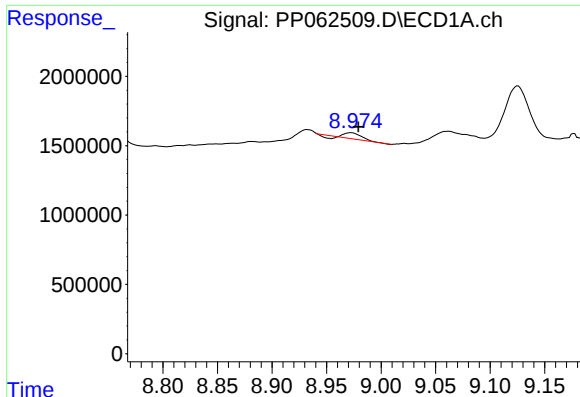
#42 AR-1268-2

R.T.: 8.722 min
Delta R.T.: -0.029 min
Response: 21061780
Conc: 118.16 ng/ml



#42 AR-1268-2

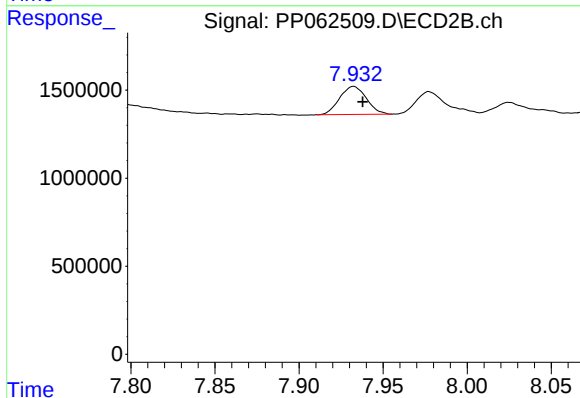
R.T.: 7.720 min
Delta R.T.: -0.008 min
Response: 137526062
Conc: 383.23 ng/ml



#43 AR-1268-3

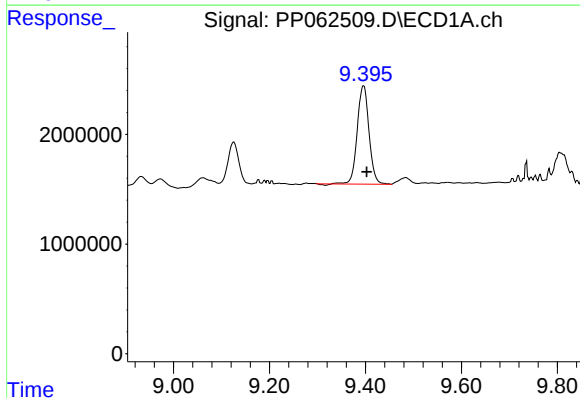
R.T.: 8.973 min
Delta R.T.: -0.007 min
Response: 395641
Conc: 2.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



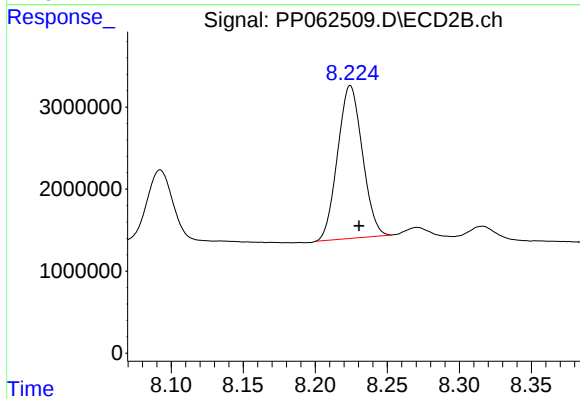
#43 AR-1268-3

R.T.: 7.932 min
Delta R.T.: -0.005 min
Response: 1761980
Conc: 5.51 ng/ml



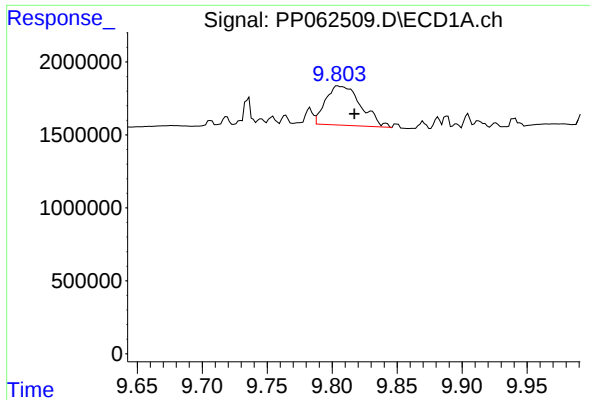
#44 AR-1268-4

R.T.: 9.396 min
Delta R.T.: -0.007 min
Response: 15362087
Conc: 252.82 ng/ml



#44 AR-1268-4

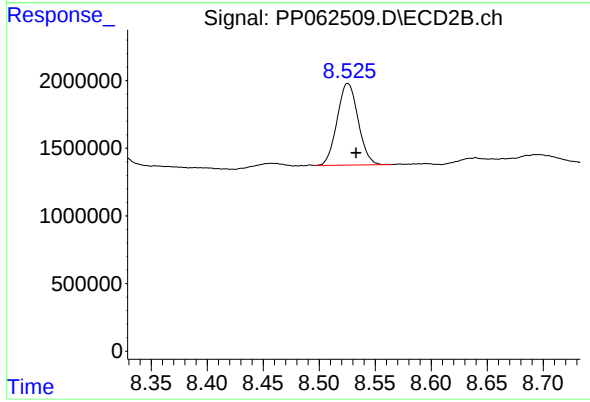
R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 22285320
Conc: 191.26 ng/ml



#45 AR-1268-5

R.T.: 9.805 min
Delta R.T.: -0.012 min
Response: 5079510
Conc: 11.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: -0.007 min
Response: 7872248
Conc: 9.51 ng/ml