

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091322\
 Data File : PP051280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2022 16:59
 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: Sep 14 02:24:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091222.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 13 14:37:12 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...	4.461	3.701	76646670	55745816	48.983	47.681
2)	SA Decachlor...	10.319	8.814	47418338	40783216	45.114	46.773
Target Compounds							
3)	L1 AR-1016-1	5.638	4.809	23176690	15041164	432.671	461.585
4)	L1 AR-1016-2	5.661	4.828	33792743	21698419	434.849	457.000
5)	L1 AR-1016-3	5.723	5.008	21241335	12038683	440.491	463.777
6)	L1 AR-1016-4	5.823	5.050	16837967	10526884	440.232	468.689
7)	L1 AR-1016-5	6.121	5.268	18501254	13029222	449.282	459.622
8)	L2 AR-1221-1	4.665	3.918	2615043	1817644	132.706	134.630
9)	L2 AR-1221-2	4.757	4.007	3871134	2592501	258.888	255.483
10)	L2 AR-1221-3	4.834	4.084	14581884	9916614	318.313	310.097
11)	L3 AR-1232-1	4.834	4.084	14581884	9916614	391.122	379.431
12)	L3 AR-1232-2	5.369	4.828	22102477	21698419	998.881	1002.082
13)	L3 AR-1232-3	5.661	5.008	33792743	12038683	948.858	1085.672
14)	L3 AR-1232-4	5.823	5.092	16837967	12794163	959.170	1165.528
15)	L3 AR-1232-5	5.915	5.268	16416561	13029222	1033.816	1091.731
16)	L4 AR-1242-1	5.638	4.809	23176690	15041164	495.459	523.638
17)	L4 AR-1242-2	5.661	4.828	33792743	21698419	503.684	527.721
18)	L4 AR-1242-3	5.723	5.008	21241335	12038683	506.919	530.297
19)	L4 AR-1242-4	5.823	5.092	16837967	12794163	507.843	530.005
20)	L4 AR-1242-5	6.566	5.626	4654547	12165154	170.471	480.405 #
21)	L5 AR-1248-1	5.638	4.809	23176690	15041164	681.259	705.500
22)	L5 AR-1248-2	5.915	5.050	16416561	10526884	311.298	317.509
23)	L5 AR-1248-3	6.121	5.092	18501254	12794163	324.976	370.506
24)	L5 AR-1248-4	6.526	5.268	5134870	13029222	114.057	331.112 #
25)	L5 AR-1248-5	6.566	5.667	4654547	2596293	107.241	80.400 #
26)	L6 AR-1254-1	6.500	5.626	14845115	12165154	280.144	217.396
27)	L6 AR-1254-2	6.720	5.775	11789811	8328500	148.589	178.434
28)	L6 AR-1254-3	7.089	6.169f	4767619	4055888	55.554	55.111
29)	L6 AR-1254-4	7.377	6.415	3383366	1024570	57.998	25.407 #
30)	L6 AR-1254-5	7.796	6.839	31016191	27050687	501.205	458.401
31)	L7 AR-1260-1	7.255	6.318	28099609	24350574	371.135	458.568
32)	L7 AR-1260-2	7.512	6.506	28378967	26563419	380.906	452.876
33)	L7 AR-1260-3	7.874	6.664	22506955	25951864	387.399	450.615
34)	L7 AR-1260-4	8.102	7.141	25398747	20857469	417.890	457.410
35)	L7 AR-1260-5	8.430	7.382	43856831	44581247	428.326	456.282
36)	L8 AR-1262-1	7.874	6.878	22506955	22685361	354.138	356.277
37)	L8 AR-1262-2	8.430	7.141	43856831	20857469	460.454	367.978
38)	L8 AR-1262-3	8.765f	7.670	29061884	9614219	427.392	246.676 #
39)	L8 AR-1262-4	8.827	7.734	19041572	31779941	720.340	427.006 #
40)	L8 AR-1262-5	9.526	8.238	12175497	10524060	339.515	322.060
41)	L9 AR-1268-1	8.765f	7.670	29061884	9614219	235.033	80.706 #

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 Acq On : 13 Sep 2022 16:59
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

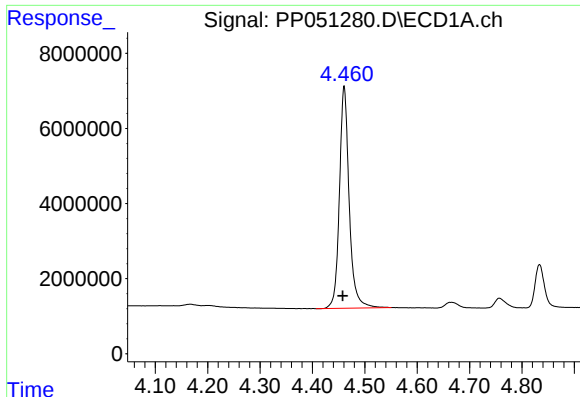
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 02:24:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091222.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 13 14:37:12 2022
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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	8.827f	7.734	19041572	31779941	171.819	289.775 #
43) L9	AR-1268-3	9.084	7.945	620913	457768	5.806	4.470
44) L9	AR-1268-4	9.526	8.238	12175497	10524060	301.089	284.635
45) L9	AR-1268-5	9.961	8.543	3545400	2761015	12.226	9.899

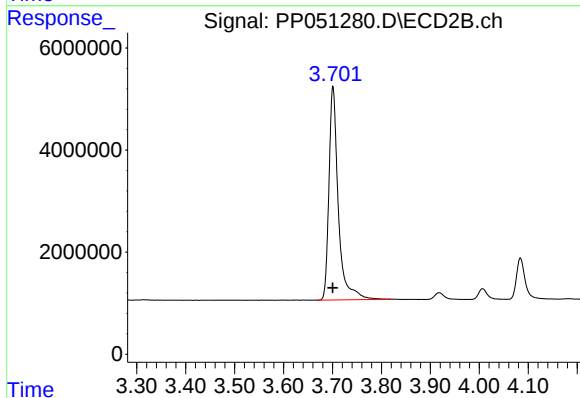
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

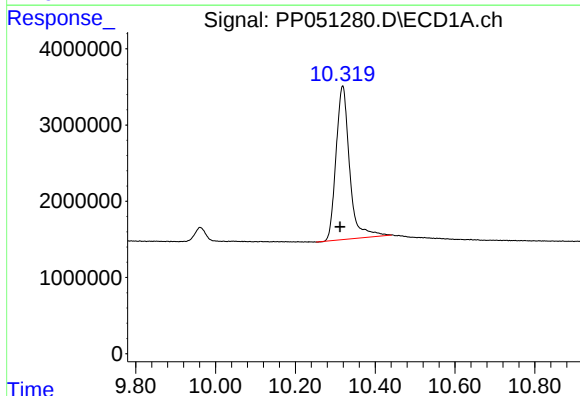
R.T.: 4.461 min
Delta R.T.: 0.003 min
Response: 76646670
Conc: 48.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



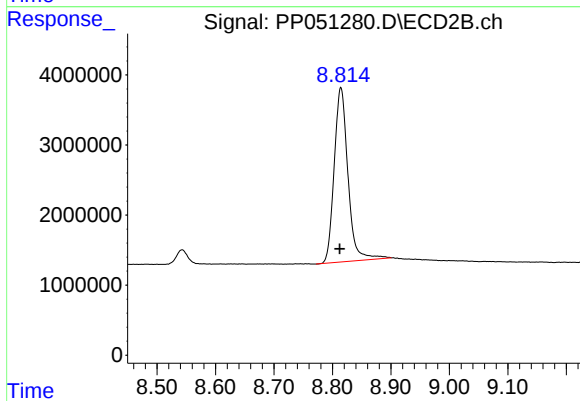
#1 Tetrachloro-m-xylene

R.T.: 3.701 min
Delta R.T.: 0.000 min
Response: 55745816
Conc: 47.68 ng/ml



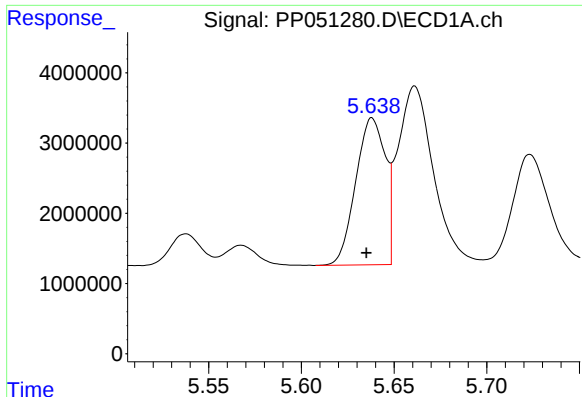
#2 Decachlorobiphenyl

R.T.: 10.319 min
Delta R.T.: 0.006 min
Response: 47418338
Conc: 45.11 ng/ml



#2 Decachlorobiphenyl

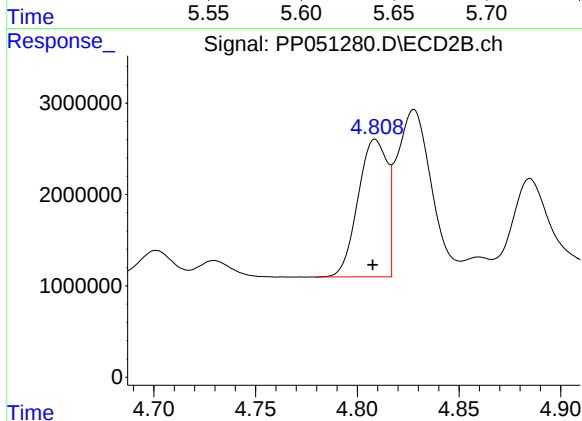
R.T.: 8.814 min
Delta R.T.: 0.002 min
Response: 40783216
Conc: 46.77 ng/ml



#3 AR-1016-1

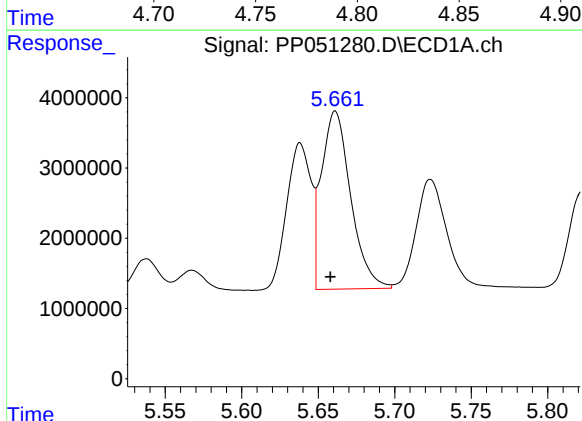
R.T.: 5.638 min
Delta R.T.: 0.003 min
Response: 23176690
Conc: 432.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



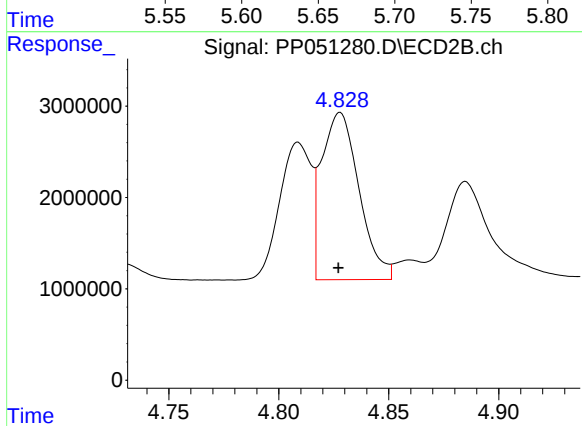
#3 AR-1016-1

R.T.: 4.809 min
Delta R.T.: 0.001 min
Response: 15041164
Conc: 461.59 ng/ml



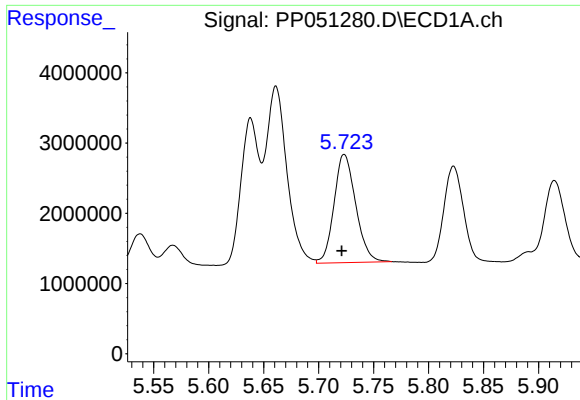
#4 AR-1016-2

R.T.: 5.661 min
Delta R.T.: 0.003 min
Response: 33792743
Conc: 434.85 ng/ml



#4 AR-1016-2

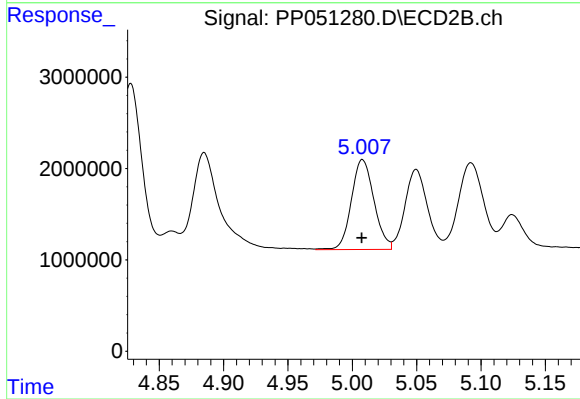
R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 21698419
Conc: 457.00 ng/ml



#5 AR-1016-3

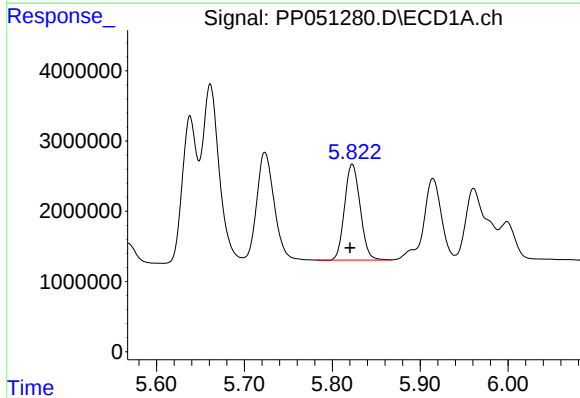
R.T.: 5.723 min
Delta R.T.: 0.002 min
Response: 21241335
Conc: 440.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



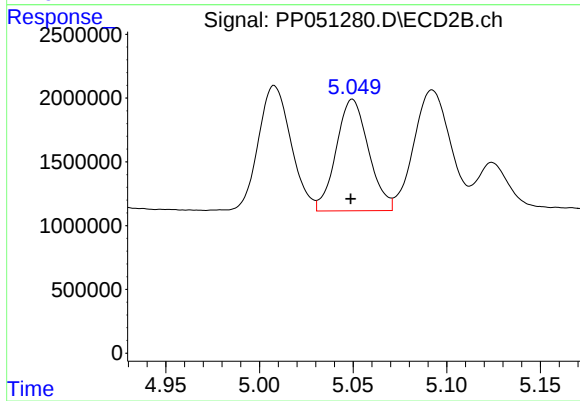
#5 AR-1016-3

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 12038683
Conc: 463.78 ng/ml



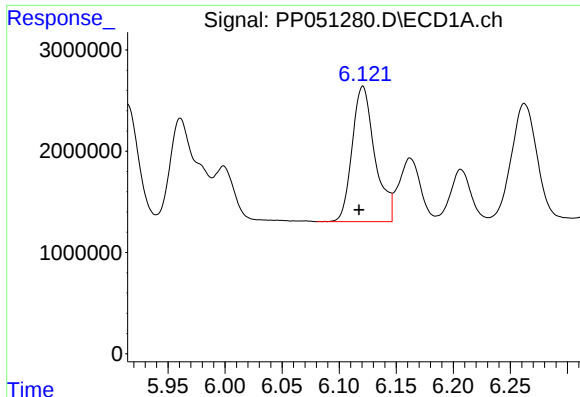
#6 AR-1016-4

R.T.: 5.823 min
Delta R.T.: 0.002 min
Response: 16837967
Conc: 440.23 ng/ml



#6 AR-1016-4

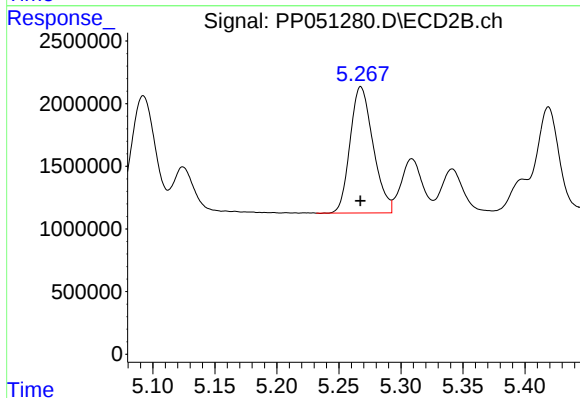
R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 10526884
Conc: 468.69 ng/ml



#7 AR-1016-5

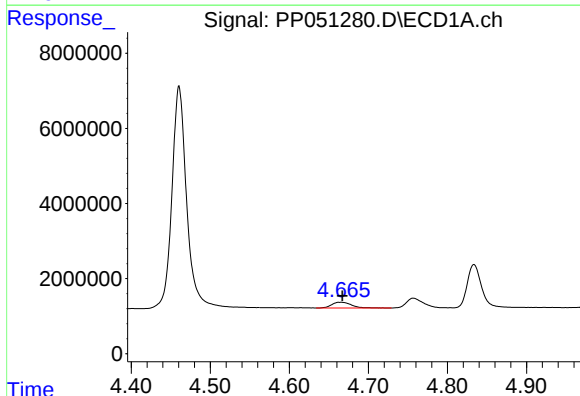
R.T.: 6.121 min
Delta R.T.: 0.003 min
Response: 18501254
Conc: 449.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



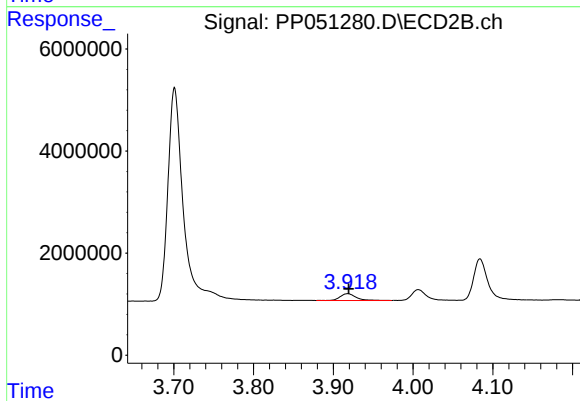
#7 AR-1016-5

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 13029222
Conc: 459.62 ng/ml



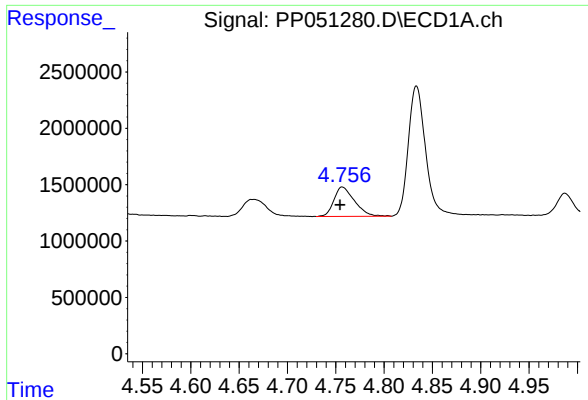
#8 AR-1221-1

R.T.: 4.665 min
Delta R.T.: -0.002 min
Response: 2615043
Conc: 132.71 ng/ml



#8 AR-1221-1

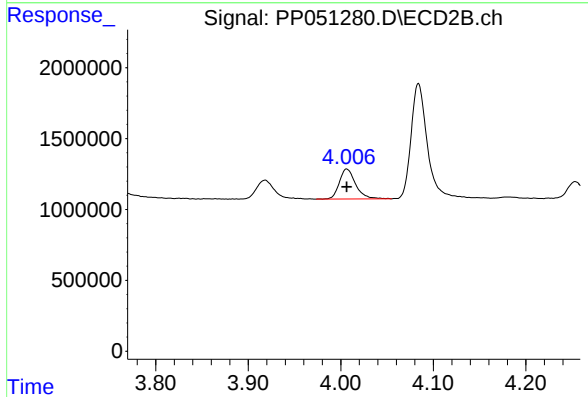
R.T.: 3.918 min
Delta R.T.: -0.001 min
Response: 1817644
Conc: 134.63 ng/ml



#9 AR-1221-2

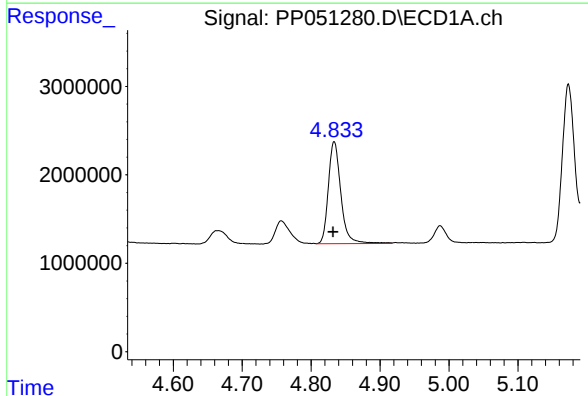
R.T.: 4.757 min
Delta R.T.: 0.003 min
Response: 3871134
Conc: 258.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



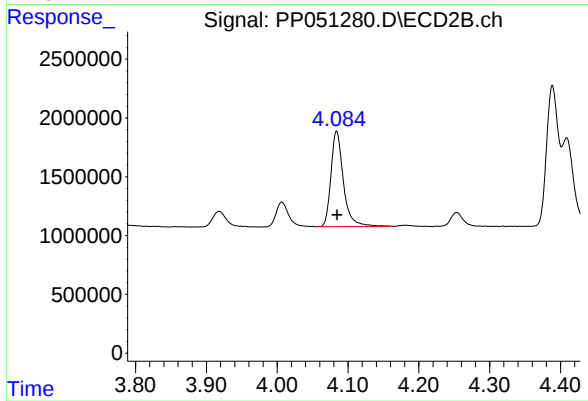
#9 AR-1221-2

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 2592501
Conc: 255.48 ng/ml



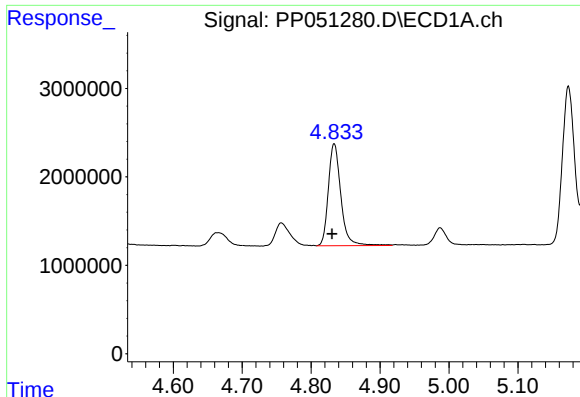
#10 AR-1221-3

R.T.: 4.834 min
Delta R.T.: 0.002 min
Response: 14581884
Conc: 318.31 ng/ml



#10 AR-1221-3

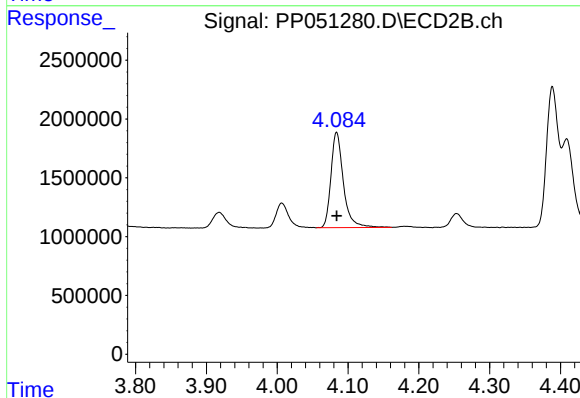
R.T.: 4.084 min
Delta R.T.: 0.000 min
Response: 9916614
Conc: 310.10 ng/ml



#11 AR-1232-1

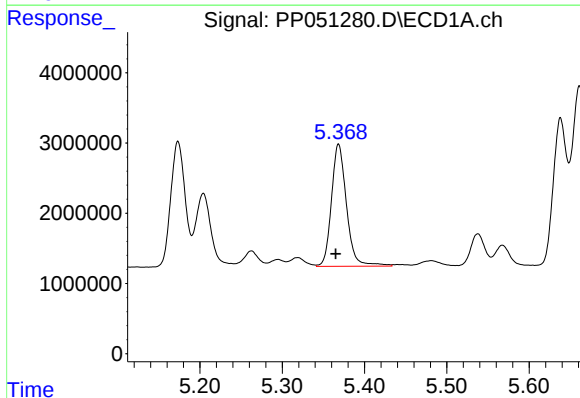
R.T.: 4.834 min
Delta R.T.: 0.003 min
Response: 14581884
Conc: 391.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



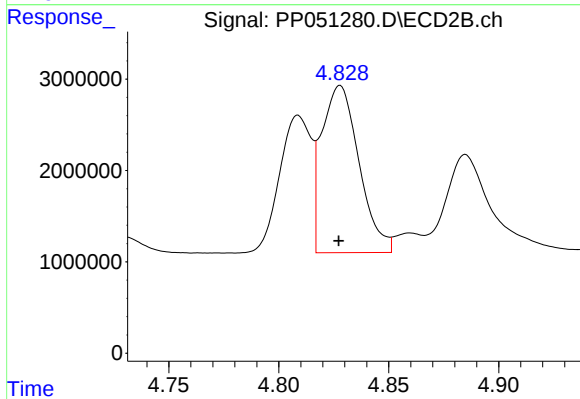
#11 AR-1232-1

R.T.: 4.084 min
Delta R.T.: 0.000 min
Response: 9916614
Conc: 379.43 ng/ml



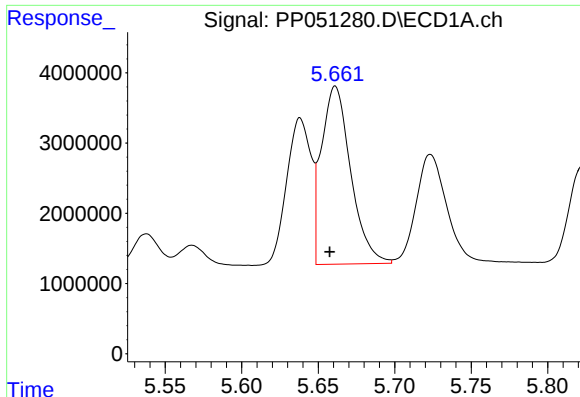
#12 AR-1232-2

R.T.: 5.369 min
Delta R.T.: 0.003 min
Response: 22102477
Conc: 998.88 ng/ml



#12 AR-1232-2

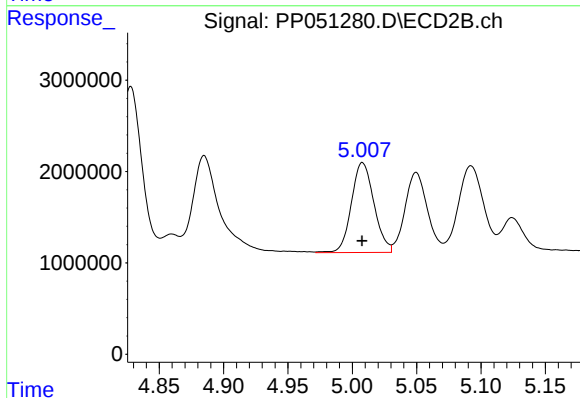
R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 21698419
Conc: 1002.08 ng/ml



#13 AR-1232-3

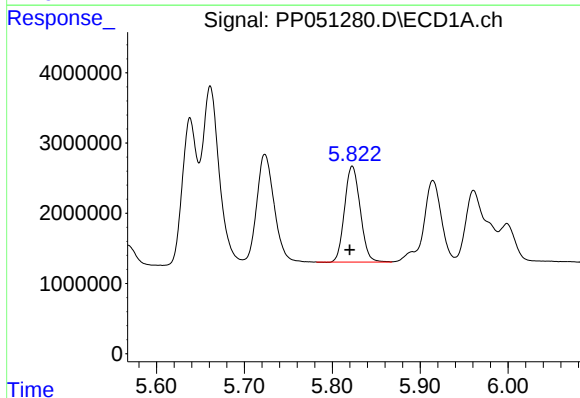
R.T.: 5.661 min
Delta R.T.: 0.004 min
Response: 33792743
Conc: 948.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



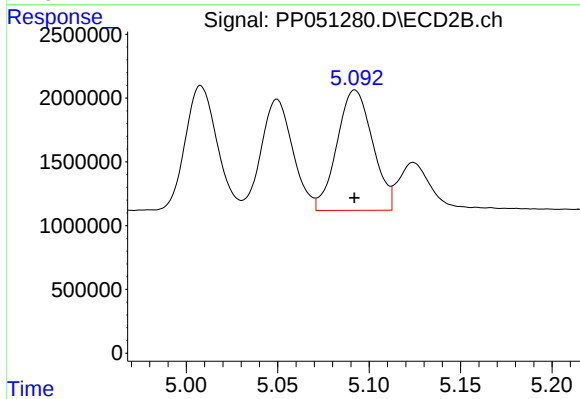
#13 AR-1232-3

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 12038683
Conc: 1085.67 ng/ml



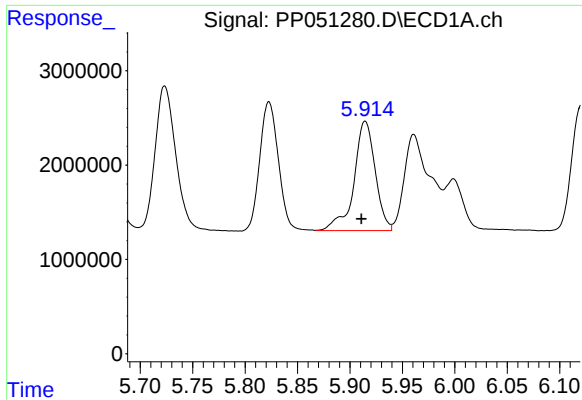
#14 AR-1232-4

R.T.: 5.823 min
Delta R.T.: 0.003 min
Response: 16837967
Conc: 959.17 ng/ml



#14 AR-1232-4

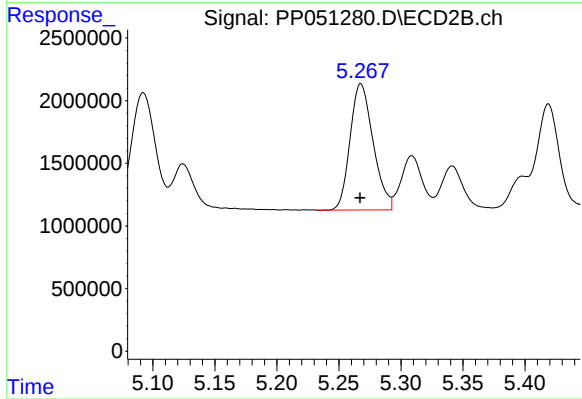
R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 12794163
Conc: 1165.53 ng/ml



#15 AR-1232-5

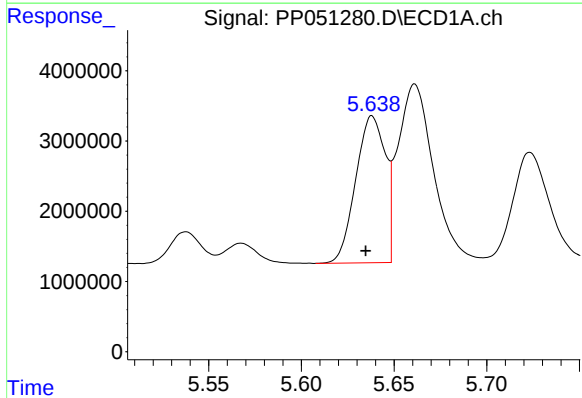
R.T.: 5.915 min
Delta R.T.: 0.004 min
Response: 16416561
Conc: 1033.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



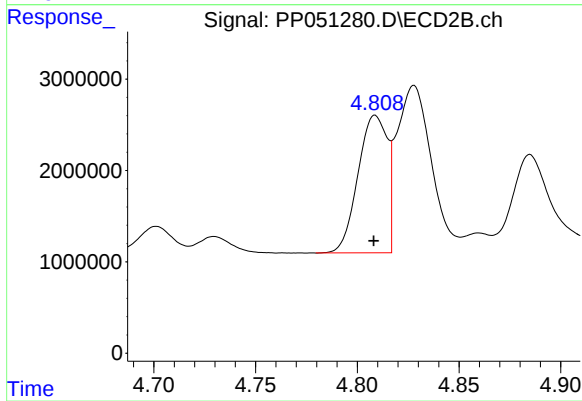
#15 AR-1232-5

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 13029222
Conc: 1091.73 ng/ml



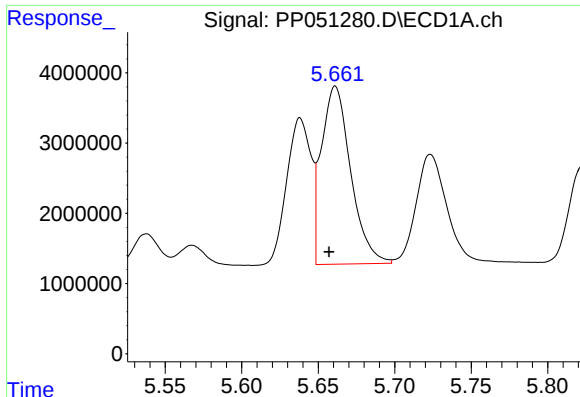
#16 AR-1242-1

R.T.: 5.638 min
Delta R.T.: 0.003 min
Response: 23176690
Conc: 495.46 ng/ml



#16 AR-1242-1

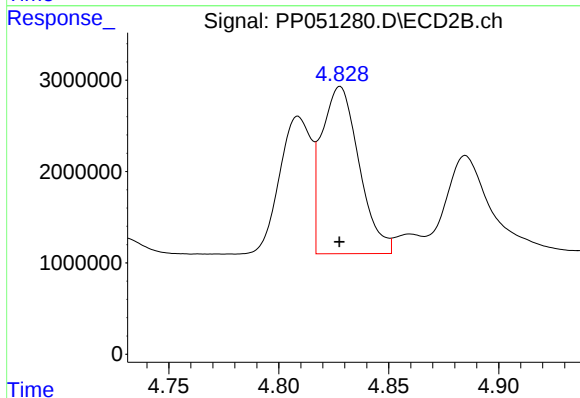
R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 15041164
Conc: 523.64 ng/ml



#17 AR-1242-2

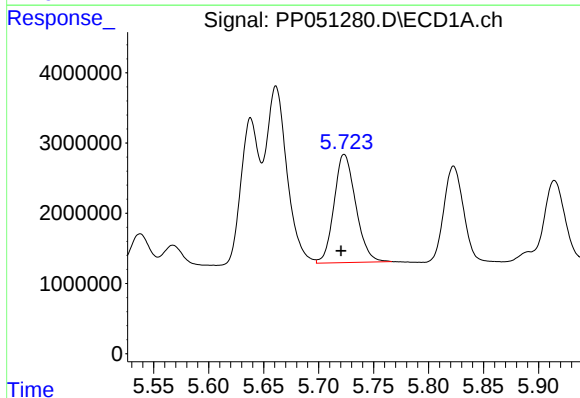
R.T.: 5.661 min
Delta R.T.: 0.004 min
Response: 33792743
Conc: 503.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



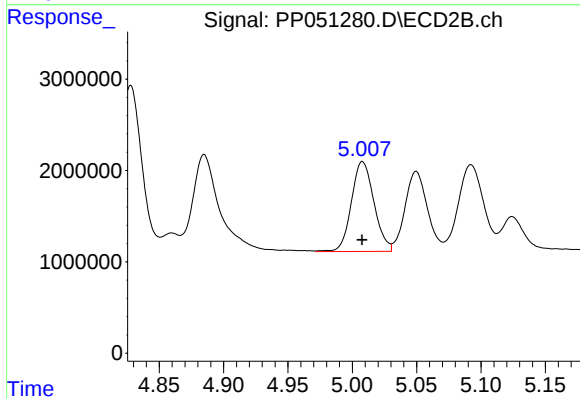
#17 AR-1242-2

R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 21698419
Conc: 527.72 ng/ml



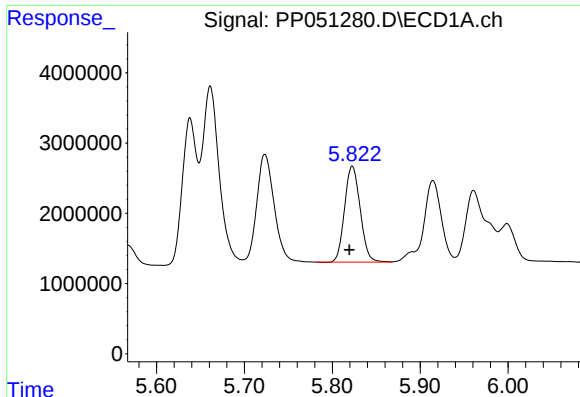
#18 AR-1242-3

R.T.: 5.723 min
Delta R.T.: 0.003 min
Response: 21241335
Conc: 506.92 ng/ml



#18 AR-1242-3

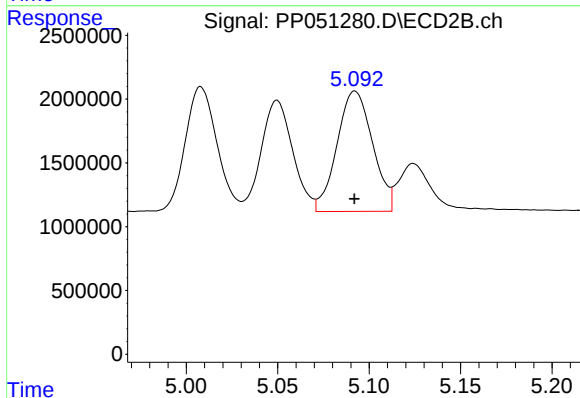
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 12038683
Conc: 530.30 ng/ml



#19 AR-1242-4

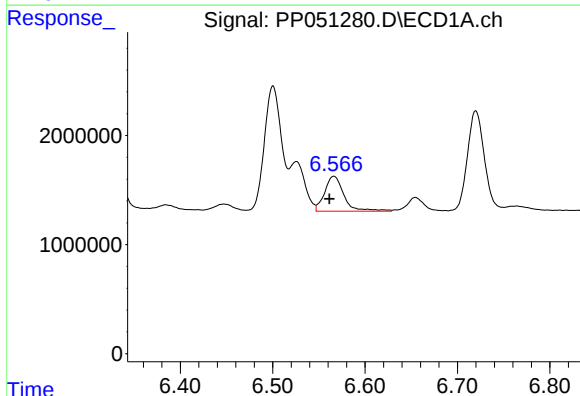
R.T.: 5.823 min
Delta R.T.: 0.003 min
Response: 16837967
Conc: 507.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



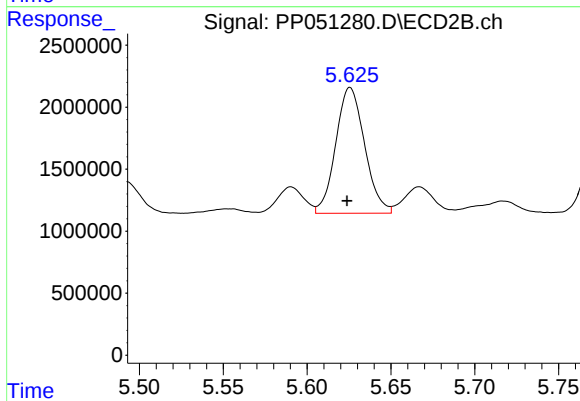
#19 AR-1242-4

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 12794163
Conc: 530.01 ng/ml



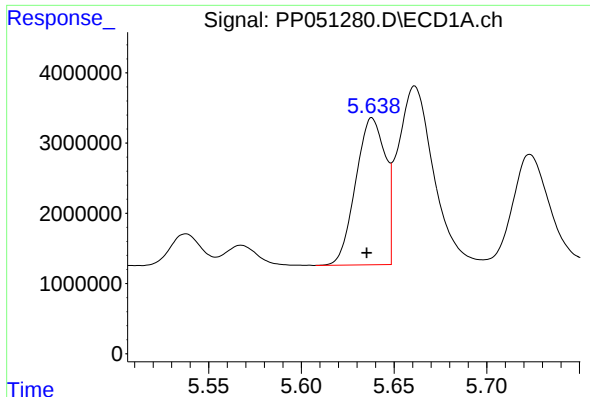
#20 AR-1242-5

R.T.: 6.566 min
Delta R.T.: 0.005 min
Response: 4654547
Conc: 170.47 ng/ml



#20 AR-1242-5

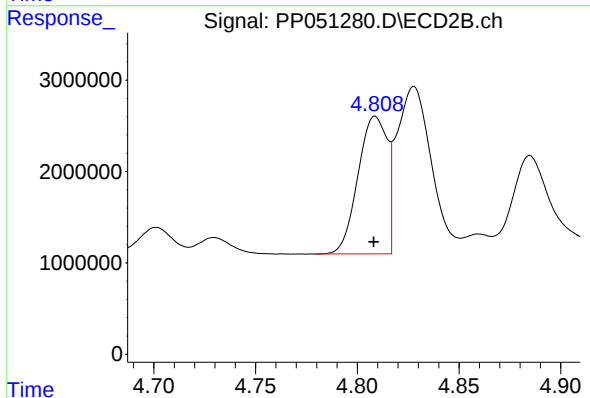
R.T.: 5.626 min
Delta R.T.: 0.002 min
Response: 12165154
Conc: 480.40 ng/ml



#21 AR-1248-1

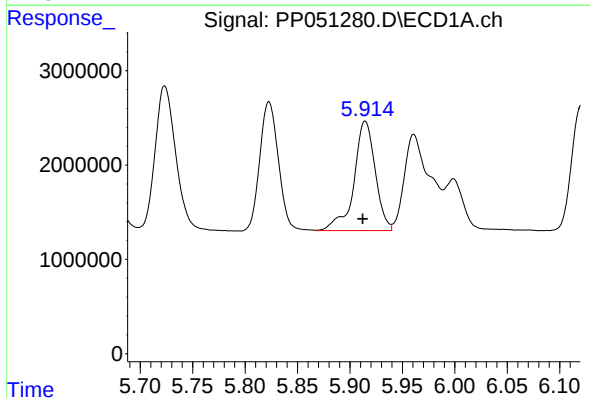
R.T.: 5.638 min
Delta R.T.: 0.003 min
Response: 23176690
Conc: 681.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



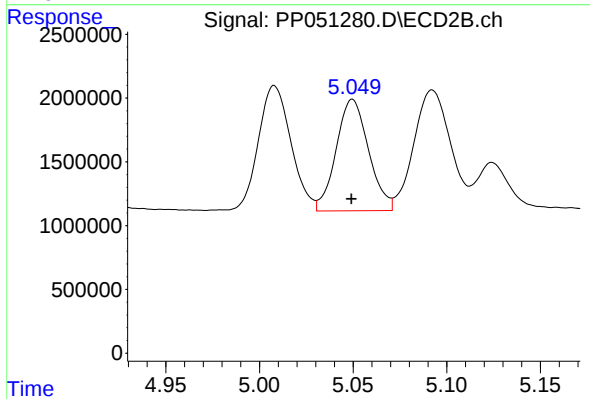
#21 AR-1248-1

R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 15041164
Conc: 705.50 ng/ml



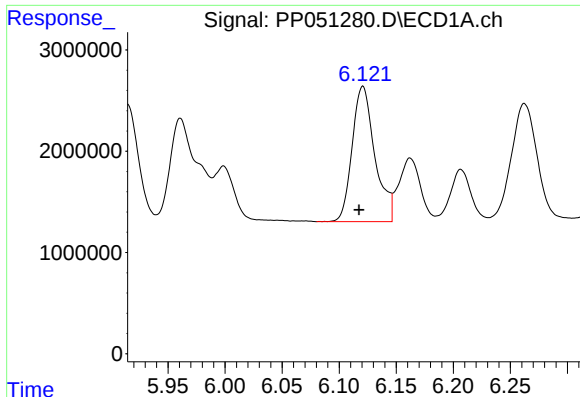
#22 AR-1248-2

R.T.: 5.915 min
Delta R.T.: 0.002 min
Response: 16416561
Conc: 311.30 ng/ml



#22 AR-1248-2

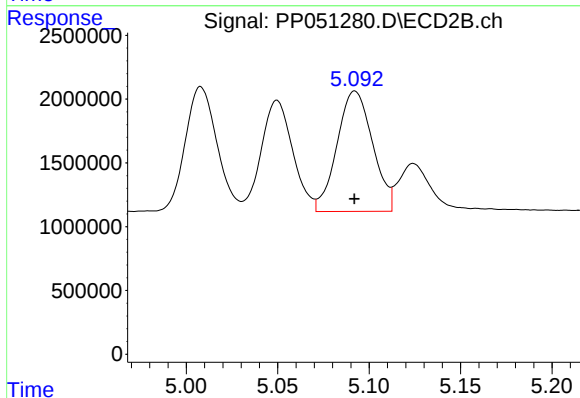
R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 10526884
Conc: 317.51 ng/ml



#23 AR-1248-3

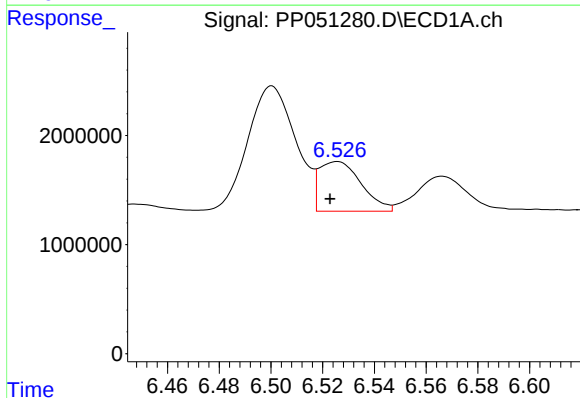
R.T.: 6.121 min
Delta R.T.: 0.003 min
Response: 18501254
Conc: 324.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



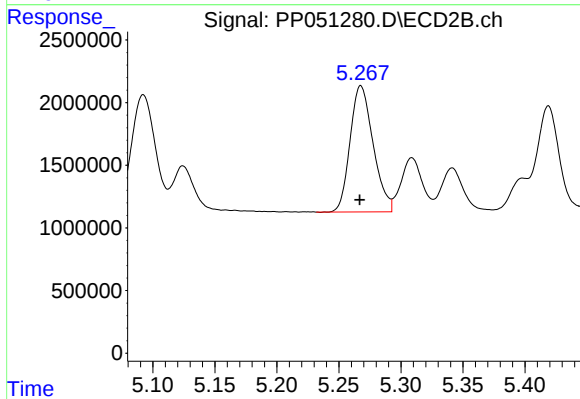
#23 AR-1248-3

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 12794163
Conc: 370.51 ng/ml



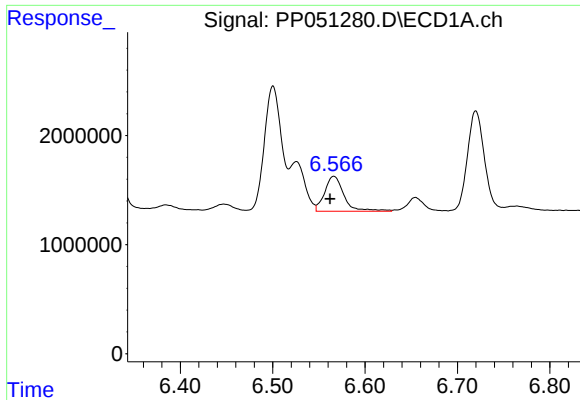
#24 AR-1248-4

R.T.: 6.526 min
Delta R.T.: 0.003 min
Response: 5134870
Conc: 114.06 ng/ml



#24 AR-1248-4

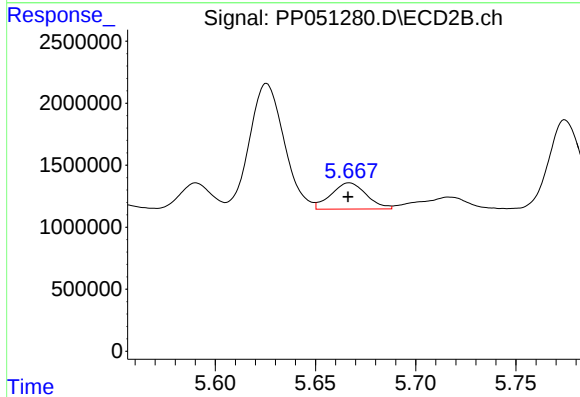
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 13029222
Conc: 331.11 ng/ml



#25 AR-1248-5

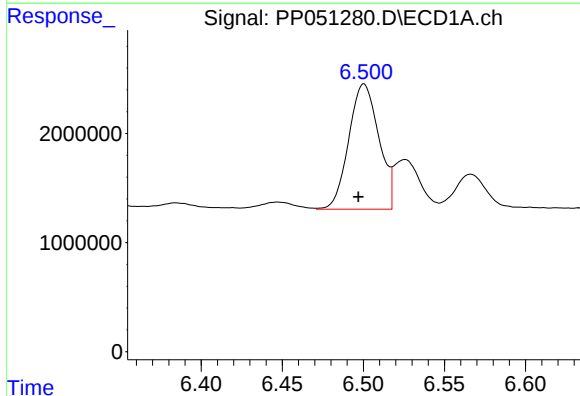
R.T.: 6.566 min
Delta R.T.: 0.004 min
Response: 4654547
Conc: 107.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



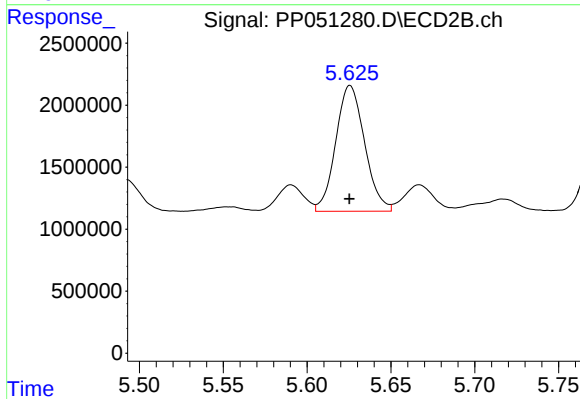
#25 AR-1248-5

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 2596293
Conc: 80.40 ng/ml



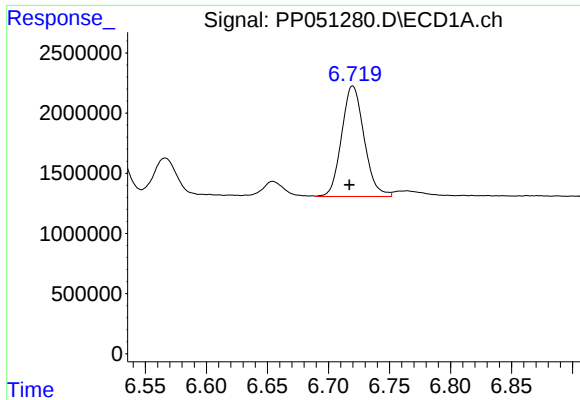
#26 AR-1254-1

R.T.: 6.500 min
Delta R.T.: 0.003 min
Response: 14845115
Conc: 280.14 ng/ml



#26 AR-1254-1

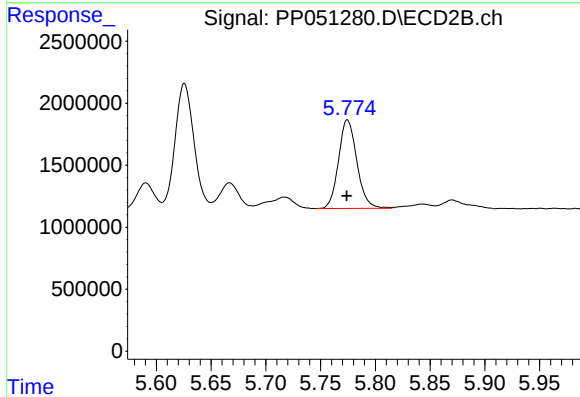
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 12165154
Conc: 217.40 ng/ml



#27 AR-1254-2

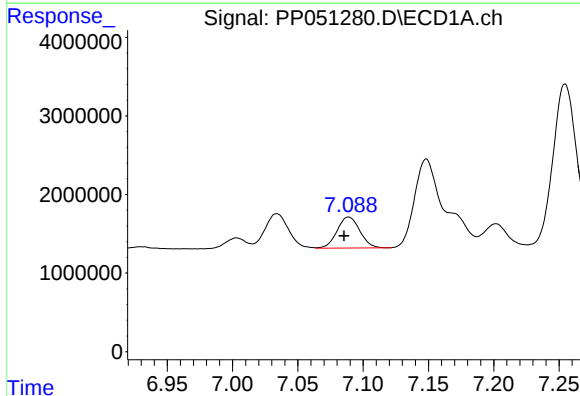
R.T.: 6.720 min
Delta R.T.: 0.003 min
Response: 11789811
Conc: 148.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



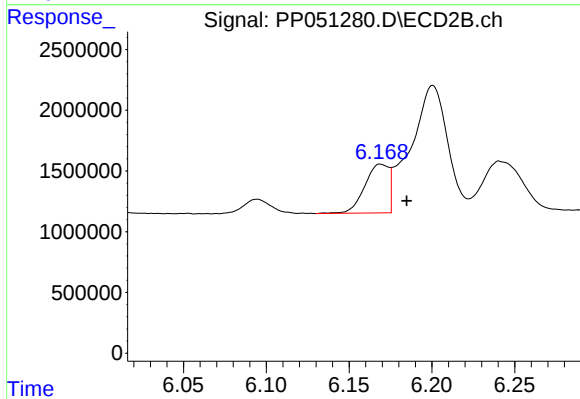
#27 AR-1254-2

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 8328500
Conc: 178.43 ng/ml



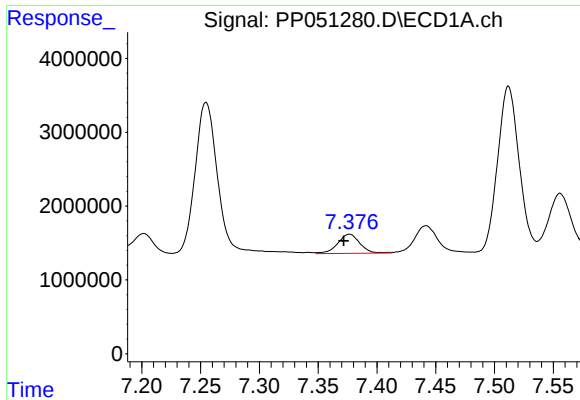
#28 AR-1254-3

R.T.: 7.089 min
Delta R.T.: 0.004 min
Response: 4767619
Conc: 55.55 ng/ml



#28 AR-1254-3

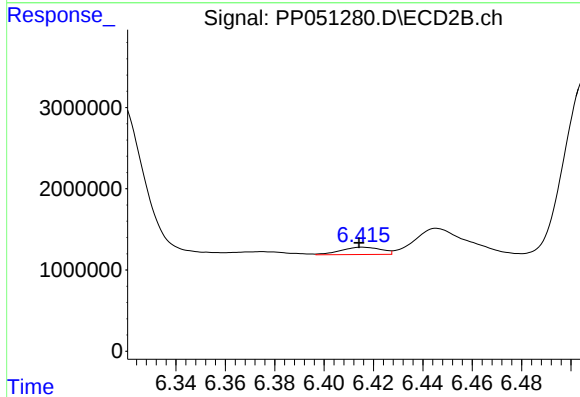
R.T.: 6.169 min
Delta R.T.: -0.016 min
Response: 4055888
Conc: 55.11 ng/ml



#29 AR-1254-4

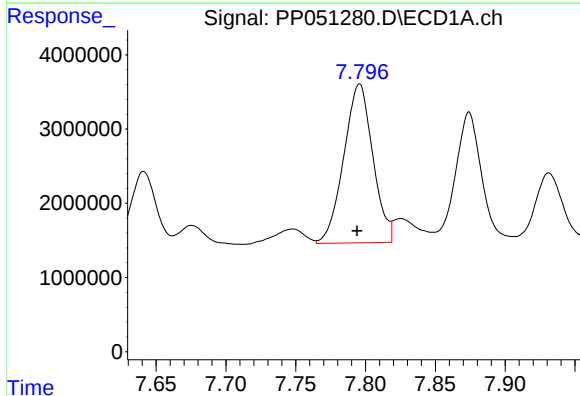
R.T.: 7.377 min
Delta R.T.: 0.005 min
Response: 3383366
Conc: 58.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



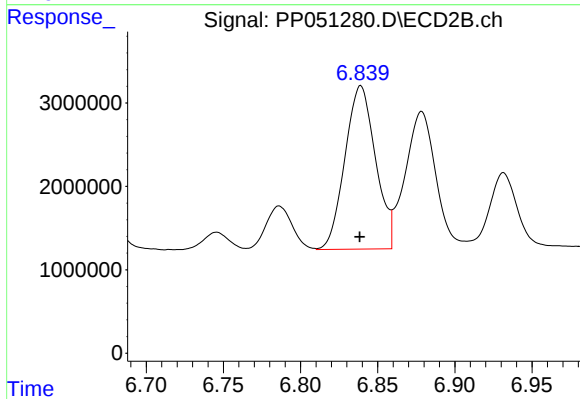
#29 AR-1254-4

R.T.: 6.415 min
Delta R.T.: 0.001 min
Response: 1024570
Conc: 25.41 ng/ml



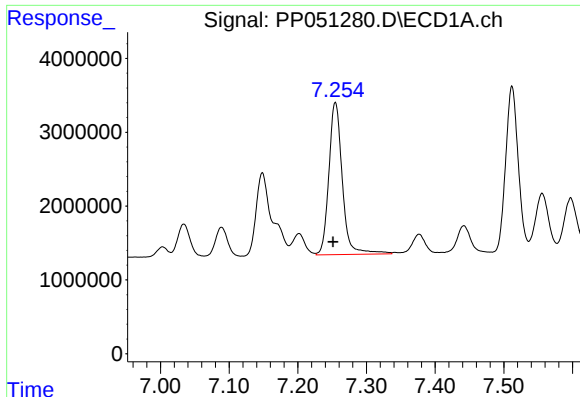
#30 AR-1254-5

R.T.: 7.796 min
Delta R.T.: 0.002 min
Response: 31016191
Conc: 501.21 ng/ml



#30 AR-1254-5

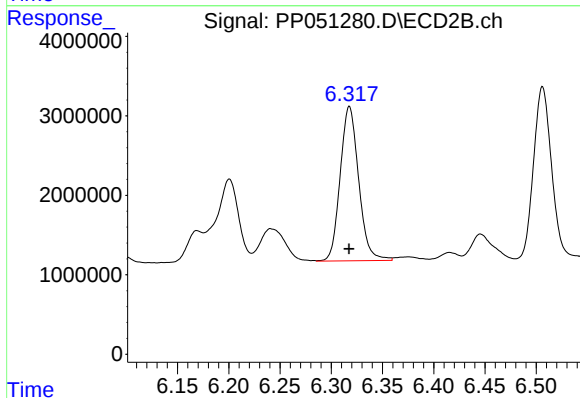
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 27050687
Conc: 458.40 ng/ml



#31 AR-1260-1

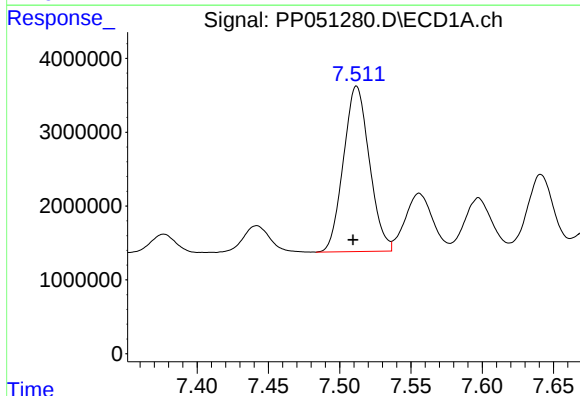
R.T.: 7.255 min
Delta R.T.: 0.003 min
Response: 28099609
Conc: 371.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



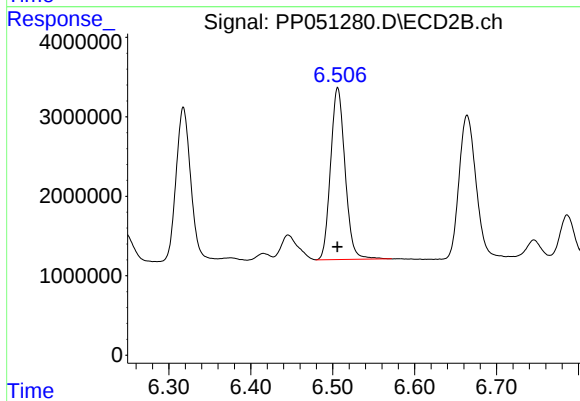
#31 AR-1260-1

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 24350574
Conc: 458.57 ng/ml



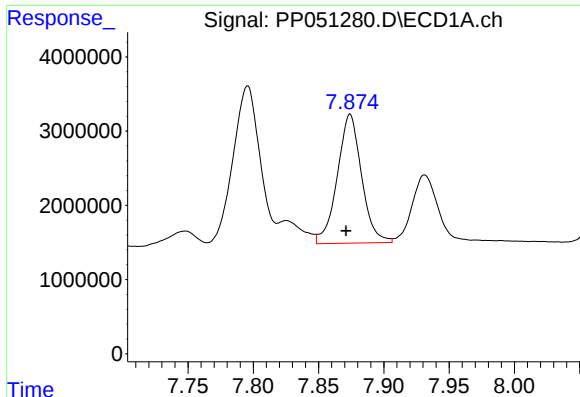
#32 AR-1260-2

R.T.: 7.512 min
Delta R.T.: 0.003 min
Response: 28378967
Conc: 380.91 ng/ml



#32 AR-1260-2

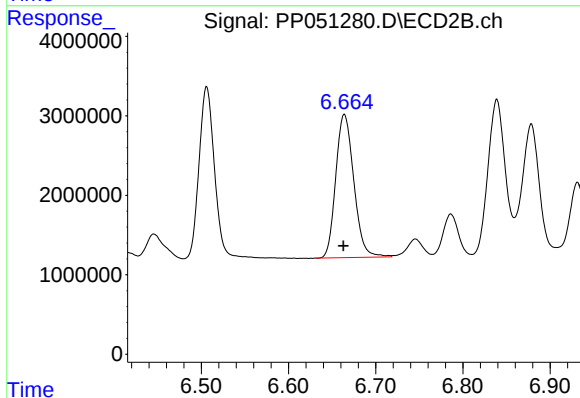
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 26563419
Conc: 452.88 ng/ml



#33 AR-1260-3

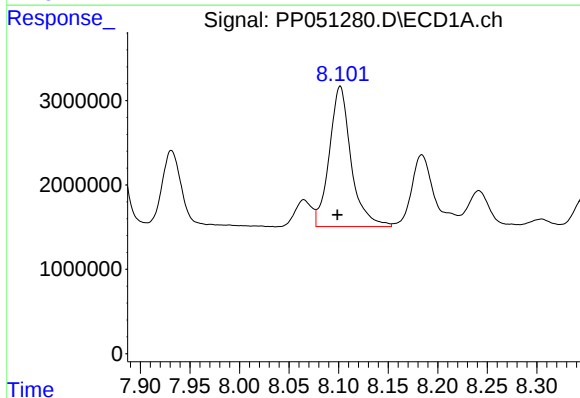
R.T.: 7.874 min
Delta R.T.: 0.003 min
Response: 22506955
Conc: 387.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



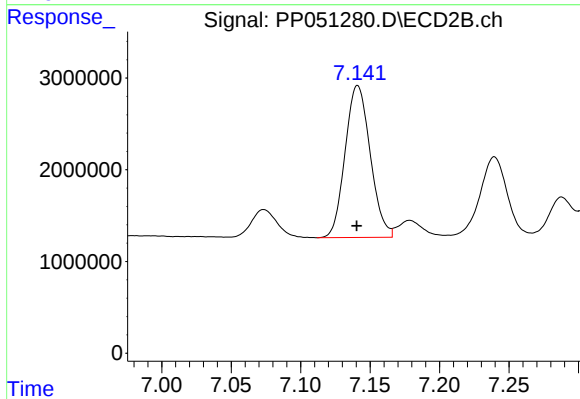
#33 AR-1260-3

R.T.: 6.664 min
Delta R.T.: 0.001 min
Response: 25951864
Conc: 450.62 ng/ml



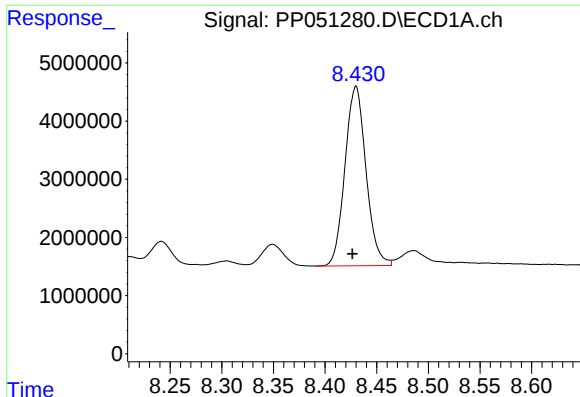
#34 AR-1260-4

R.T.: 8.102 min
Delta R.T.: 0.003 min
Response: 25398747
Conc: 417.89 ng/ml



#34 AR-1260-4

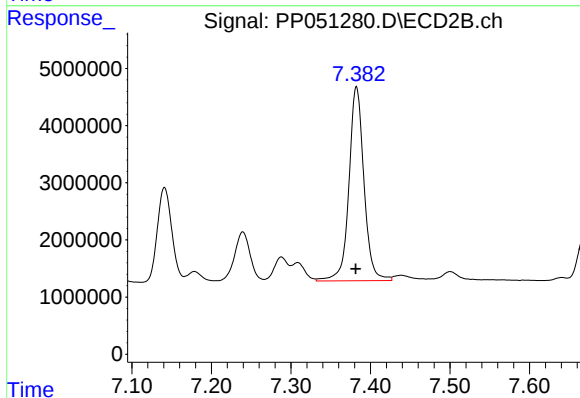
R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 20857469
Conc: 457.41 ng/ml



#35 AR-1260-5

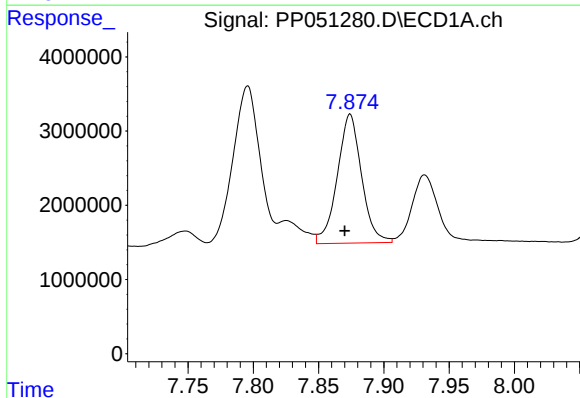
R.T.: 8.430 min
Delta R.T.: 0.004 min
Response: 43856831
Conc: 428.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



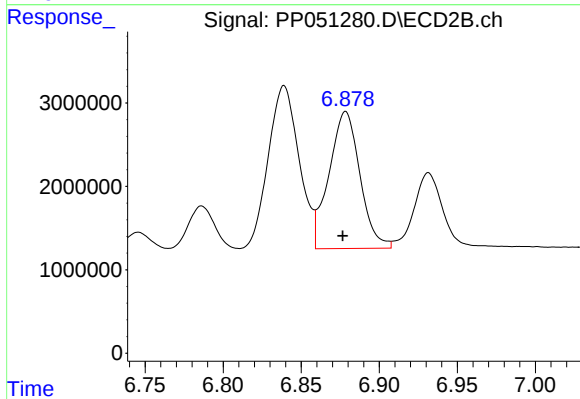
#35 AR-1260-5

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 44581247
Conc: 456.28 ng/ml



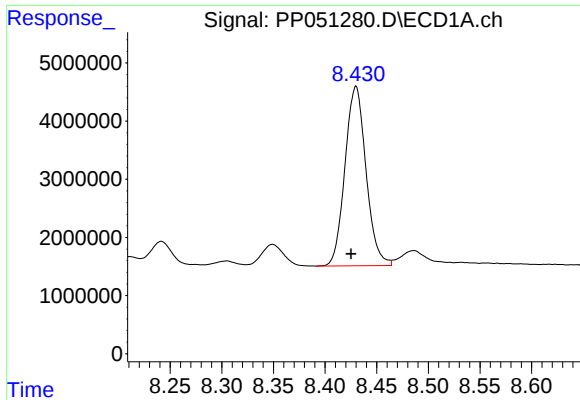
#36 AR-1262-1

R.T.: 7.874 min
Delta R.T.: 0.004 min
Response: 22506955
Conc: 354.14 ng/ml



#36 AR-1262-1

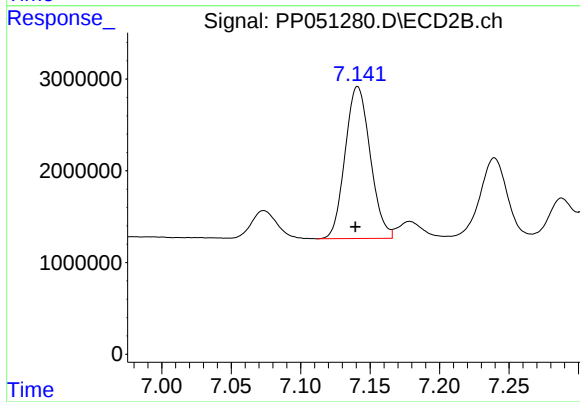
R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 22685361
Conc: 356.28 ng/ml



#37 AR-1262-2

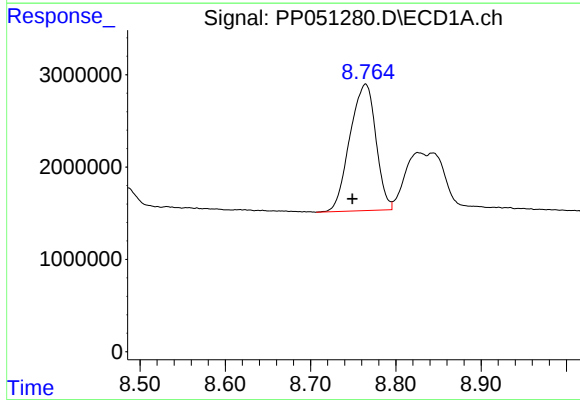
R.T.: 8.430 min
Delta R.T.: 0.005 min
Response: 43856831
Conc: 460.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



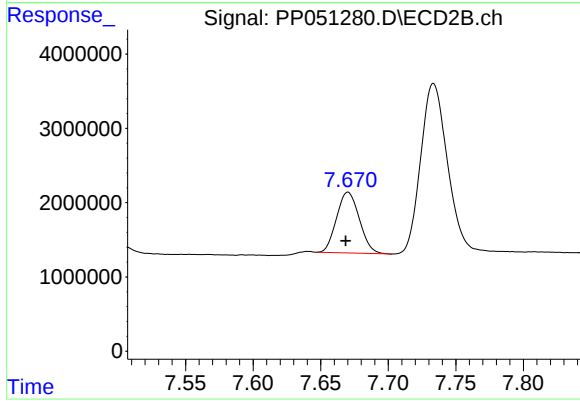
#37 AR-1262-2

R.T.: 7.141 min
Delta R.T.: 0.002 min
Response: 20857469
Conc: 367.98 ng/ml



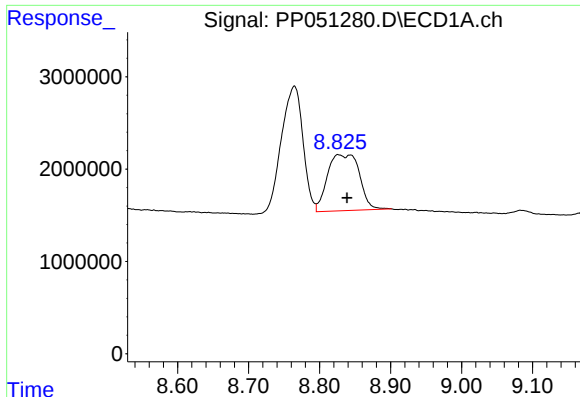
#38 AR-1262-3

R.T.: 8.765 min
Delta R.T.: 0.015 min
Response: 29061884
Conc: 427.39 ng/ml



#38 AR-1262-3

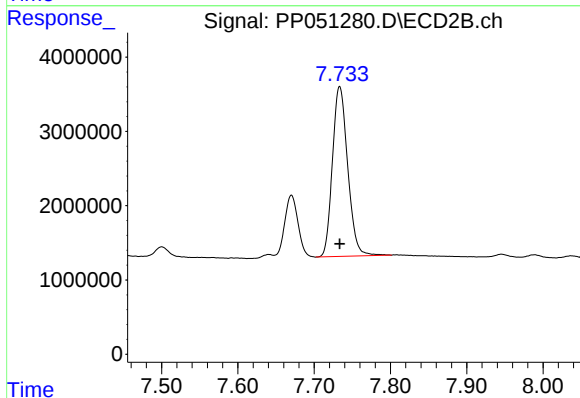
R.T.: 7.670 min
Delta R.T.: 0.002 min
Response: 9614219
Conc: 246.68 ng/ml



#39 AR-1262-4

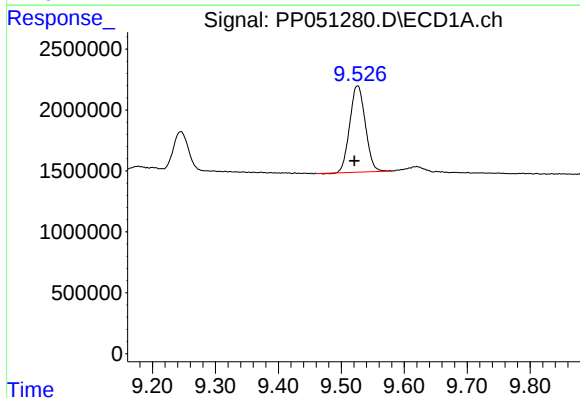
R.T.: 8.827 min
Delta R.T.: -0.012 min
Response: 19041572
Conc: 720.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



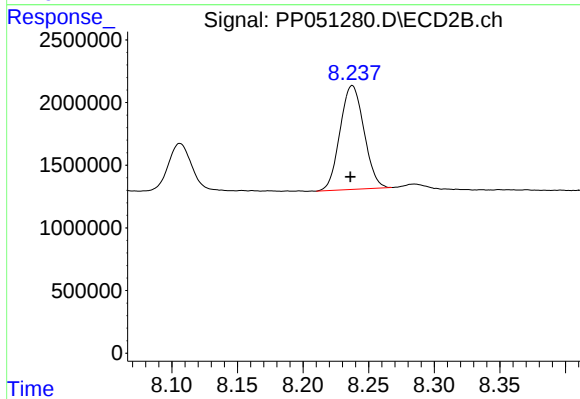
#39 AR-1262-4

R.T.: 7.734 min
Delta R.T.: 0.000 min
Response: 31779941
Conc: 427.01 ng/ml



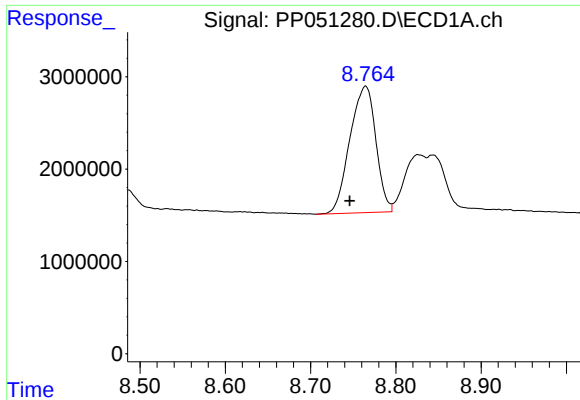
#40 AR-1262-5

R.T.: 9.526 min
Delta R.T.: 0.005 min
Response: 12175497
Conc: 339.52 ng/ml



#40 AR-1262-5

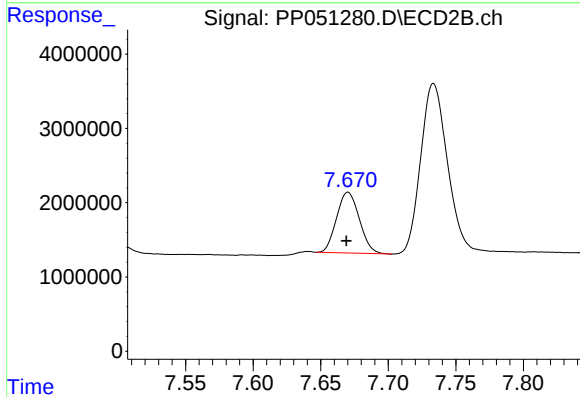
R.T.: 8.238 min
Delta R.T.: 0.001 min
Response: 10524060
Conc: 322.06 ng/ml



#41 AR-1268-1

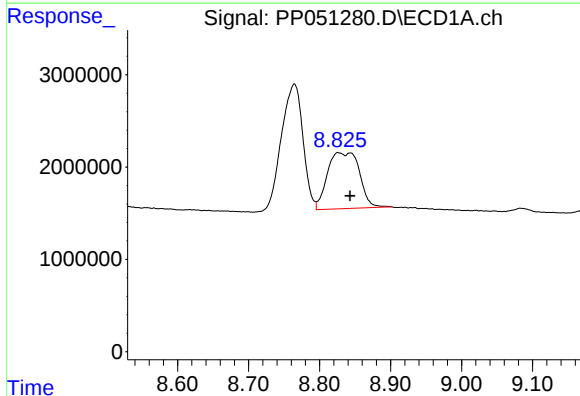
R.T.: 8.765 min
Delta R.T.: 0.018 min
Response: 29061884
Conc: 235.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



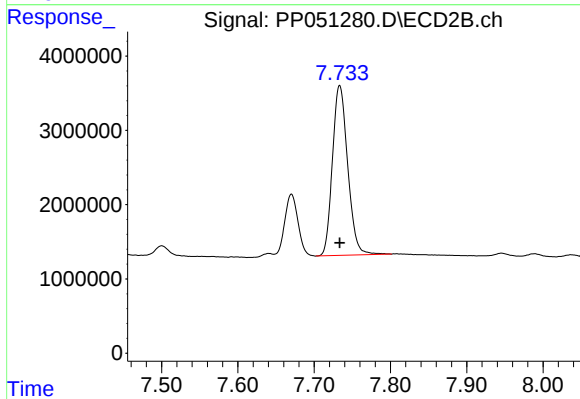
#41 AR-1268-1

R.T.: 7.670 min
Delta R.T.: 0.001 min
Response: 9614219
Conc: 80.71 ng/ml



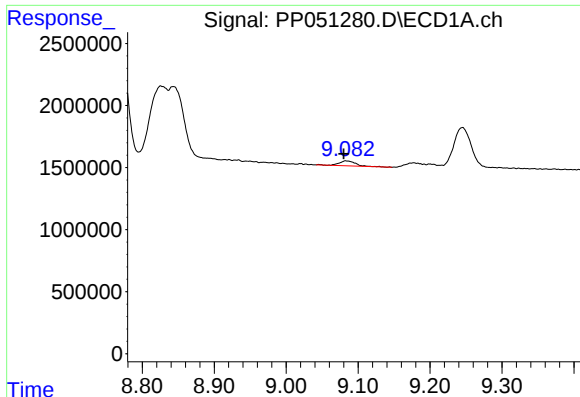
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: -0.016 min
Response: 19041572
Conc: 171.82 ng/ml



#42 AR-1268-2

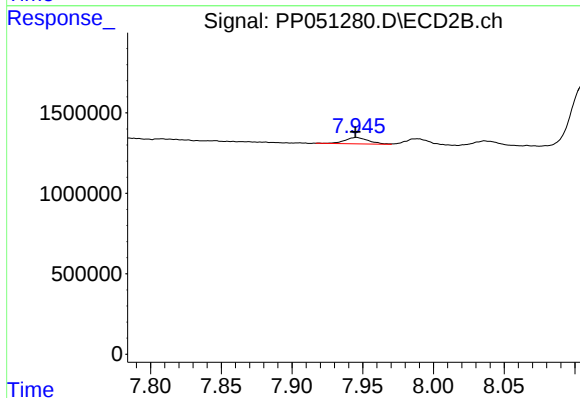
R.T.: 7.734 min
Delta R.T.: 0.000 min
Response: 31779941
Conc: 289.77 ng/ml



#43 AR-1268-3

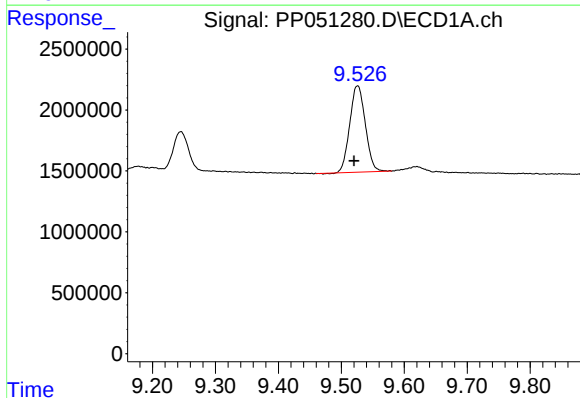
R.T.: 9.084 min
Delta R.T.: 0.004 min
Response: 620913
Conc: 5.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



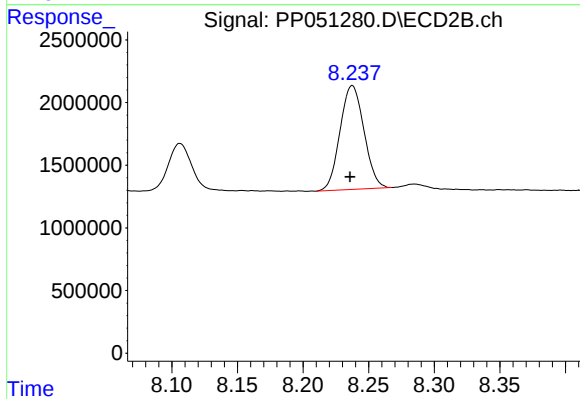
#43 AR-1268-3

R.T.: 7.945 min
Delta R.T.: 0.000 min
Response: 457768
Conc: 4.47 ng/ml



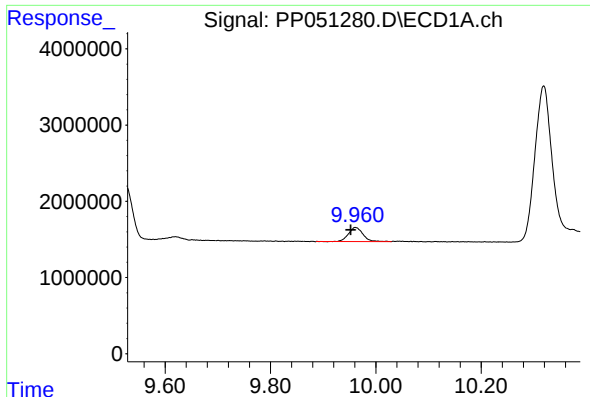
#44 AR-1268-4

R.T.: 9.526 min
Delta R.T.: 0.006 min
Response: 12175497
Conc: 301.09 ng/ml



#44 AR-1268-4

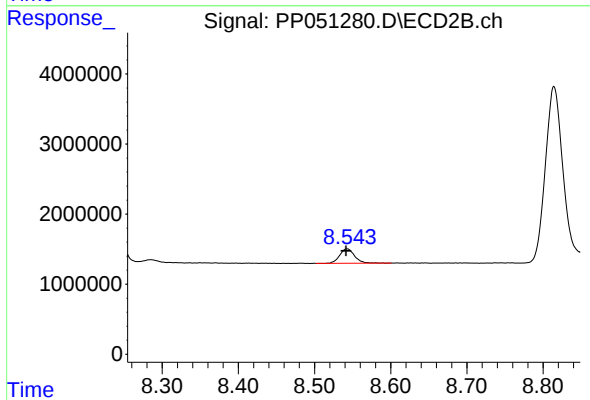
R.T.: 8.238 min
Delta R.T.: 0.002 min
Response: 10524060
Conc: 284.63 ng/ml



#45 AR-1268-5

R.T.: 9.961 min
Delta R.T.: 0.009 min
Response: 3545400
Conc: 12.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.543 min
Delta R.T.: 0.001 min
Response: 2761015
Conc: 9.90 ng/ml