

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021323\
 Data File : PP055580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2023 17:26
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 20:23:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.330	3.577	83962494	73665628	48.290	49.071
2)	SA Decachlor...	10.087	8.587	77970590	60740990	45.026	44.975
Target Compounds							
3)	L1 AR-1016-1	5.500	4.657	18023674	14794867	268.169	298.923
4)	L1 AR-1016-2	5.522	4.676	22040468	15457297	229.997	223.310
5)	L1 AR-1016-3	5.584	4.853	11041990	10326560	184.598	277.621 #
6)	L1 AR-1016-4	5.682	4.894	12070823	22221497	251.905	707.190 #
7)	L1 AR-1016-5	5.979	5.107	28954519	27080308	571.387	662.361
8)	L2 AR-1221-1	4.534	3.786	242159	274597	10.298	13.850 #
9)	L2 AR-1221-2	4.635	3.874	1358941	1190076	76.487	80.289
10)	L2 AR-1221-3	4.701	3.949	1711722	1388011	31.811	30.766
11)	L3 AR-1232-1	4.701	3.949	1711722	1388011	38.567	37.657
12)	L3 AR-1232-2	5.231	4.676	8261473	15457297	365.313	483.910 #
13)	L3 AR-1232-3	5.522	4.853	22040468	10326560	501.863	619.433
14)	L3 AR-1232-4	5.682	4.935	12070823	23195727	545.347	1438.394 #
15)	L3 AR-1232-5	5.775	5.107	26977403	27080308	1540.946	1533.299
16)	L4 AR-1242-1	5.500	4.657	18023674	14794867	321.916	361.183
17)	L4 AR-1242-2	5.522	4.676	22040468	15457297	276.093	270.701
18)	L4 AR-1242-3	5.584	4.853	11041990	10326560	222.345	334.544 #
19)	L4 AR-1242-4	5.682	4.935	12070823	23195727	301.192	713.998 #
20)	L4 AR-1242-5	6.424	5.460	29886991	34287506	672.170	917.473 #
21)	L5 AR-1248-1	5.500	4.657	18023674	14794867	432.184	477.205
22)	L5 AR-1248-2	5.775	4.894	26977403	22221497	424.345	485.955
23)	L5 AR-1248-3	5.979	4.935	28954519	23195727	418.671	486.557
24)	L5 AR-1248-4	6.384	5.107	30676544	27080308	404.522	490.344
25)	L5 AR-1248-5	6.424	5.501	29886991	22912974	405.011	465.987
26)	L6 AR-1254-1	6.357	5.460	23620226	34287506	299.398	424.570 #
27)	L6 AR-1254-2	6.581	5.608	30734741	11188227	253.958	156.342 #
28)	L6 AR-1254-3	6.947	6.012	17368632	16512471	141.796	148.217
29)	L6 AR-1254-4	7.233	6.242	11138033	9890644	126.408	160.804 #
30)	L6 AR-1254-5	7.655	6.661	2900201	3091974	28.669	32.614
31)	L7 AR-1260-1	7.113	6.157	2163673	7715534	22.698	99.498 #
32)	L7 AR-1260-2	7.368	6.332	3350503	1332903	29.770	14.827 #
33)	L7 AR-1260-3	7.714f	6.484	355340	1904952	4.413	22.435 #
34)	L7 AR-1260-4	7.944f	6.962	4059624	229691	41.819	3.208 #
35)	L7 AR-1260-5	8.275	7.201	2828738	566688	15.905	3.686 #
36)	L8 AR-1262-1	7.714f	6.757	355340	64611	3.012	1.504 #
37)	L8 AR-1262-2	8.275	6.962	2828738	229691	14.044	2.480 #
38)	L8 AR-1262-3	8.588	7.499	75393	27473	0.542	0.377 #
39)	L8 AR-1262-4	8.673	7.550	333429	468801	4.337	3.585
40)	L8 AR-1262-5	9.325	8.049	-22060	130298	N.D.	2.196 #
41)	L9 AR-1268-1	8.588	7.488	75393	145218	0.308	0.672 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021323\
 Data File : PP055580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2023 17:26
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

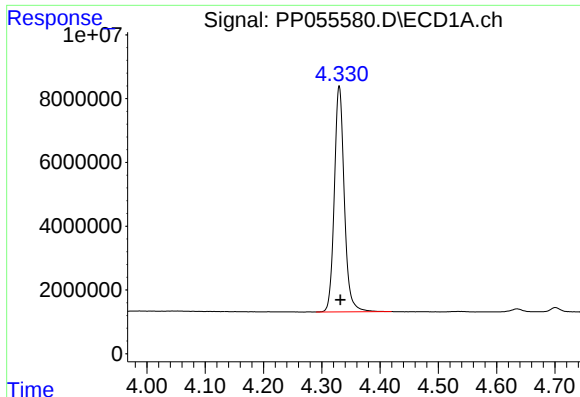
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 20:23:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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
42) L9	AR-1268-2	8.673	7.550	333429	468801	1.468	2.402 #
43) L9	AR-1268-3	8.918	7.768	303704	151767	1.520	0.884 #
44) L9	AR-1268-4	9.325	8.049	-22060	130298	N.D.	2.043 #
45) L9	AR-1268-5	9.757	8.338	452404	206044	0.711	0.391 #

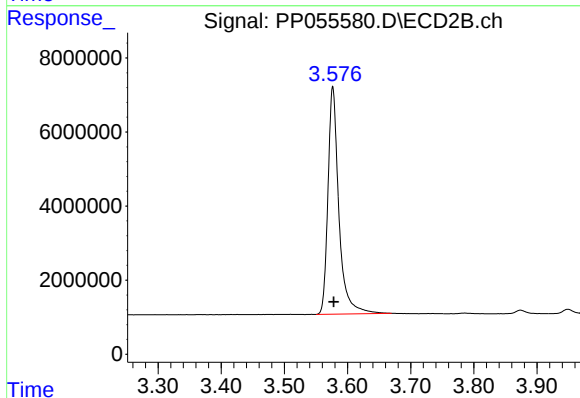
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

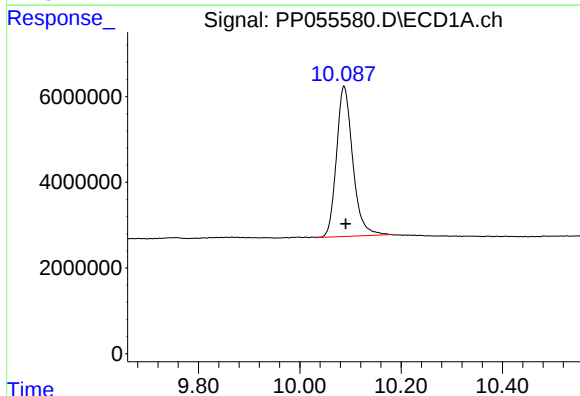
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 83962494
Conc: 48.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



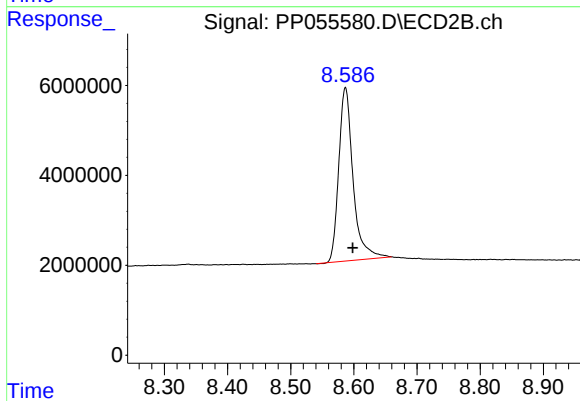
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: -0.002 min
Response: 73665628
Conc: 49.07 ng/ml



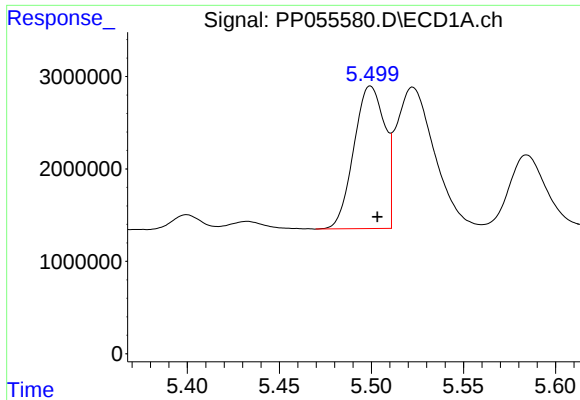
#2 Decachlorobiphenyl

R.T.: 10.087 min
Delta R.T.: -0.004 min
Response: 77970590
Conc: 45.03 ng/ml



#2 Decachlorobiphenyl

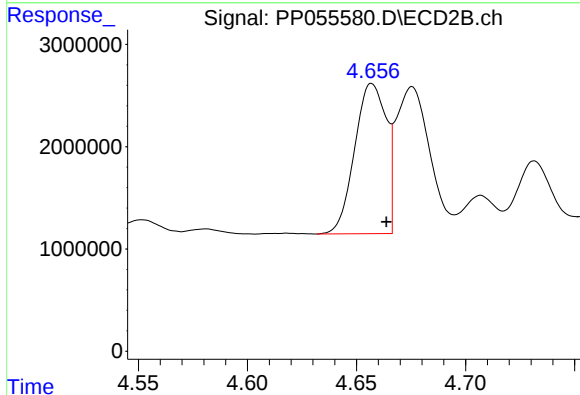
R.T.: 8.587 min
Delta R.T.: -0.011 min
Response: 60740990
Conc: 44.97 ng/ml



#3 AR-1016-1

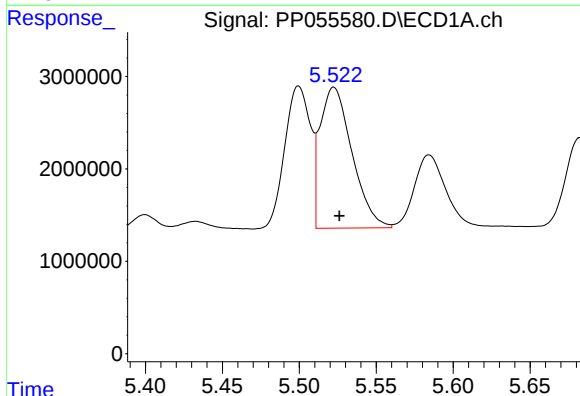
R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 18023674
Conc: 268.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



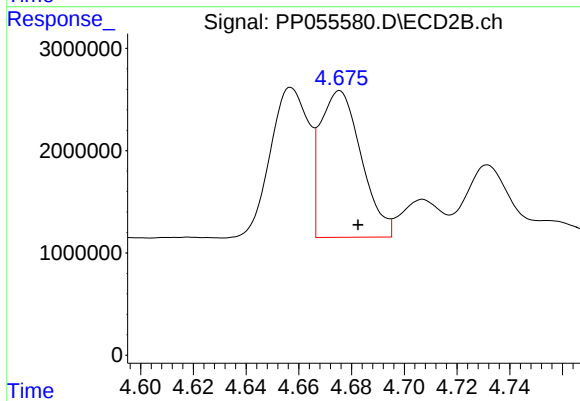
#3 AR-1016-1

R.T.: 4.657 min
Delta R.T.: -0.007 min
Response: 14794867
Conc: 298.92 ng/ml



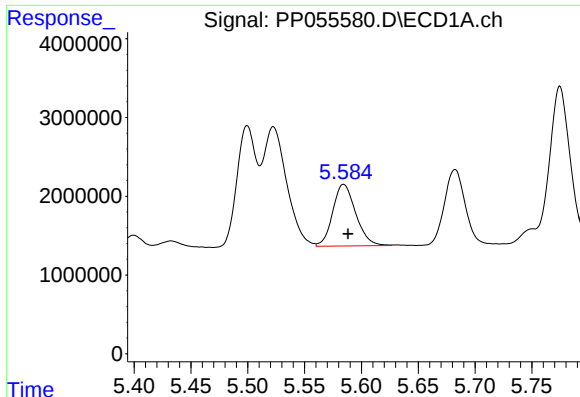
#4 AR-1016-2

R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 22040468
Conc: 230.00 ng/ml



#4 AR-1016-2

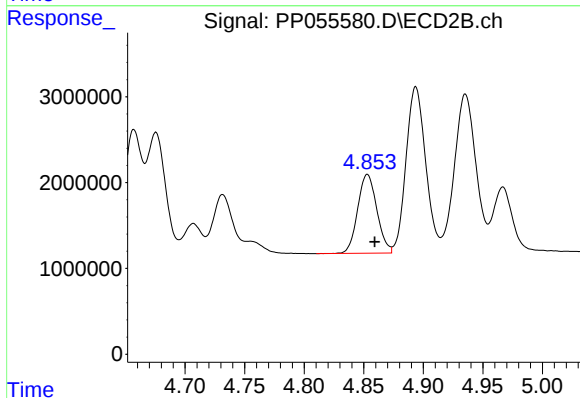
R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 15457297
Conc: 223.31 ng/ml



#5 AR-1016-3

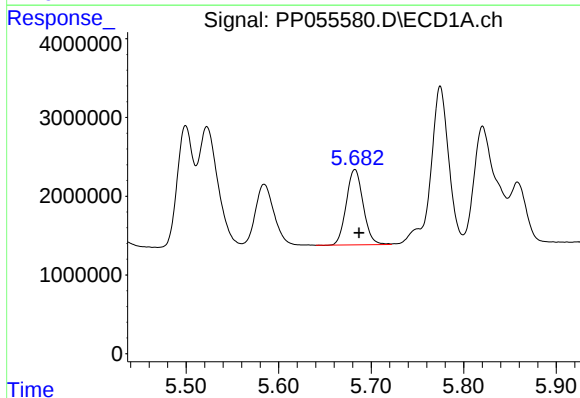
R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 11041990
Conc: 184.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



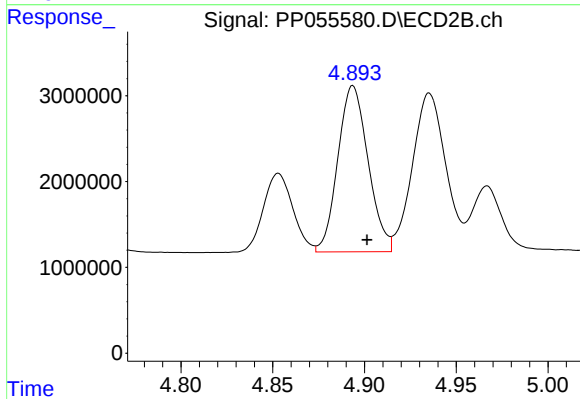
#5 AR-1016-3

R.T.: 4.853 min
Delta R.T.: -0.006 min
Response: 10326560
Conc: 277.62 ng/ml



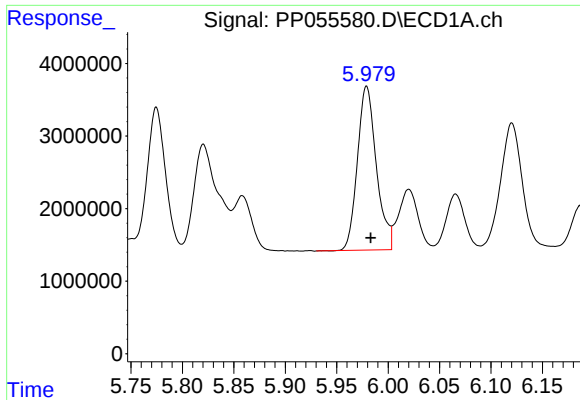
#6 AR-1016-4

R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 12070823
Conc: 251.91 ng/ml



#6 AR-1016-4

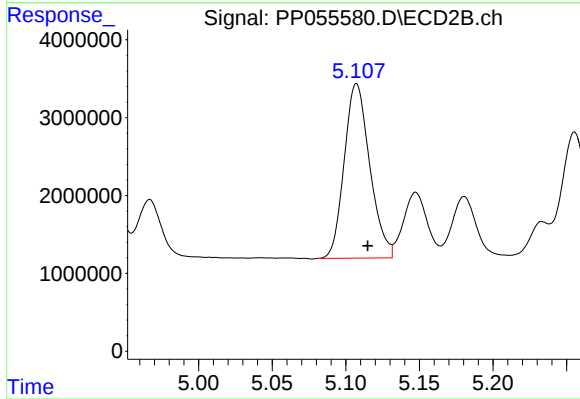
R.T.: 4.894 min
Delta R.T.: -0.008 min
Response: 22221497
Conc: 707.19 ng/ml



#7 AR-1016-5

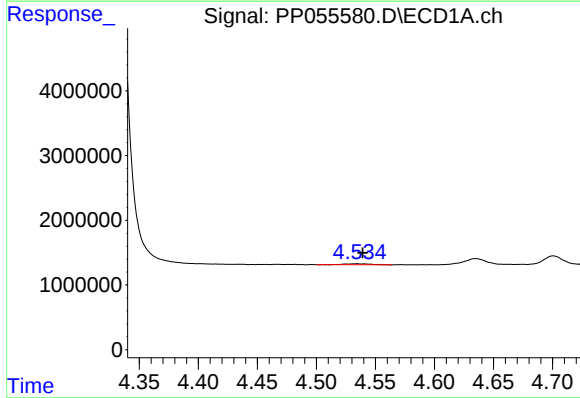
R.T.: 5.979 min
Delta R.T.: -0.004 min
Response: 28954519
Conc: 571.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



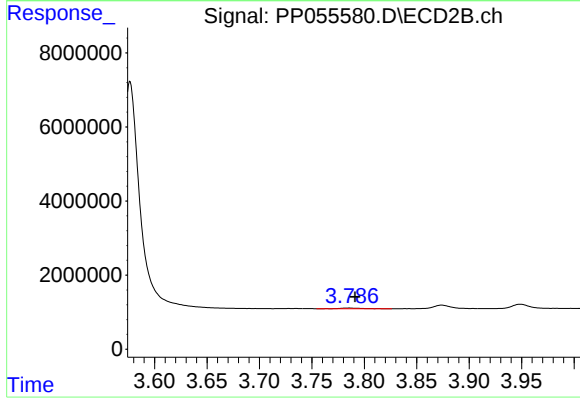
#7 AR-1016-5

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 27080308
Conc: 662.36 ng/ml



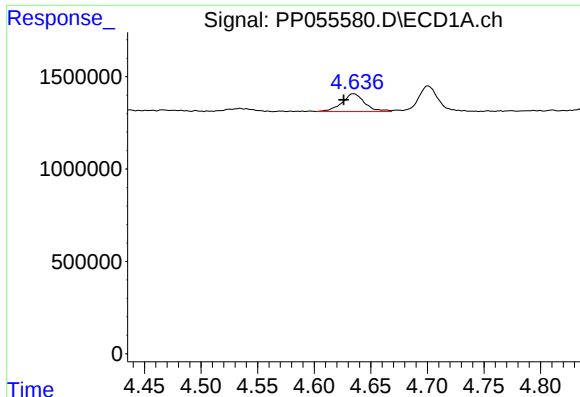
#8 AR-1221-1

R.T.: 4.534 min
Delta R.T.: -0.005 min
Response: 242159
Conc: 10.30 ng/ml



#8 AR-1221-1

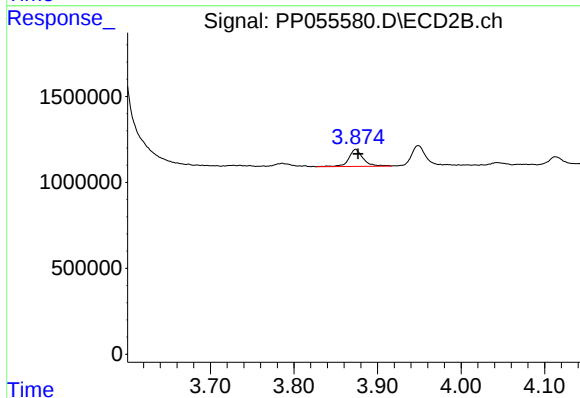
R.T.: 3.786 min
Delta R.T.: -0.005 min
Response: 274597
Conc: 13.85 ng/ml



#9 AR-1221-2

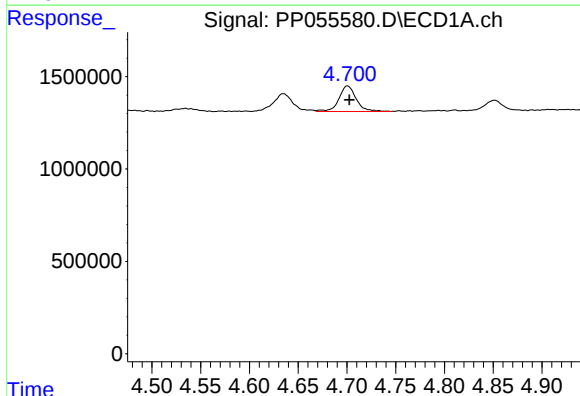
R.T.: 4.635 min
Delta R.T.: 0.009 min
Response: 1358941
Conc: 76.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



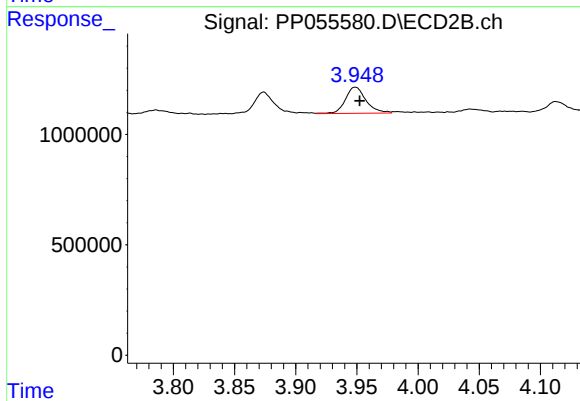
#9 AR-1221-2

R.T.: 3.874 min
Delta R.T.: -0.003 min
Response: 1190076
Conc: 80.29 ng/ml



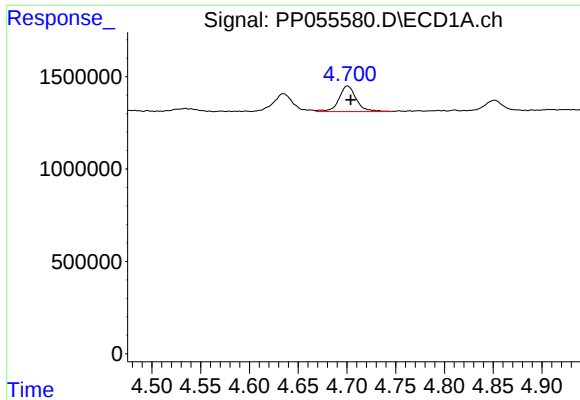
#10 AR-1221-3

R.T.: 4.701 min
Delta R.T.: -0.002 min
Response: 1711722
Conc: 31.81 ng/ml



#10 AR-1221-3

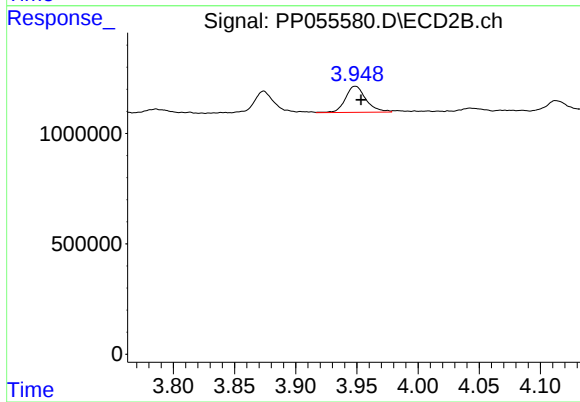
R.T.: 3.949 min
Delta R.T.: -0.004 min
Response: 1388011
Conc: 30.77 ng/ml



#11 AR-1232-1

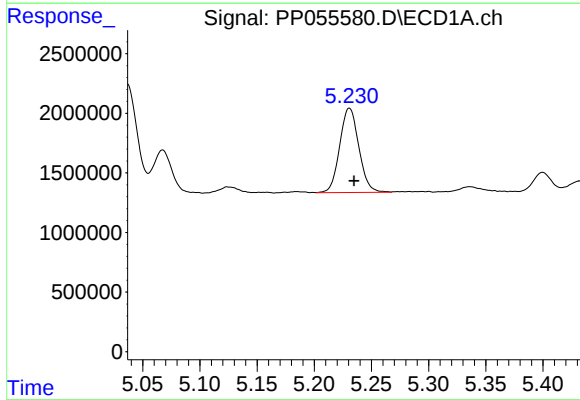
R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 1711722
Conc: 38.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



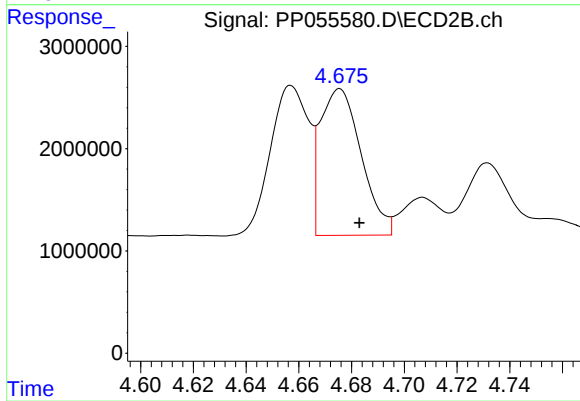
#11 AR-1232-1

R.T.: 3.949 min
Delta R.T.: -0.005 min
Response: 1388011
Conc: 37.66 ng/ml



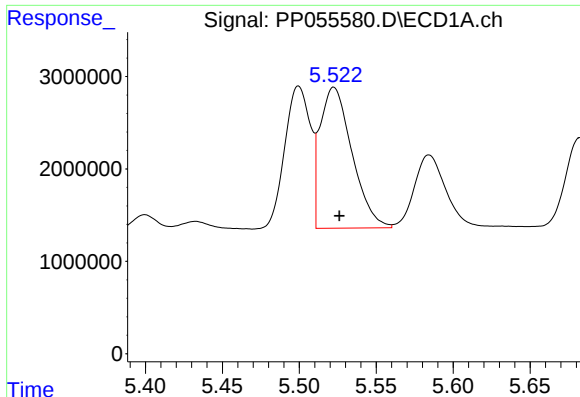
#12 AR-1232-2

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 8261473
Conc: 365.31 ng/ml



#12 AR-1232-2

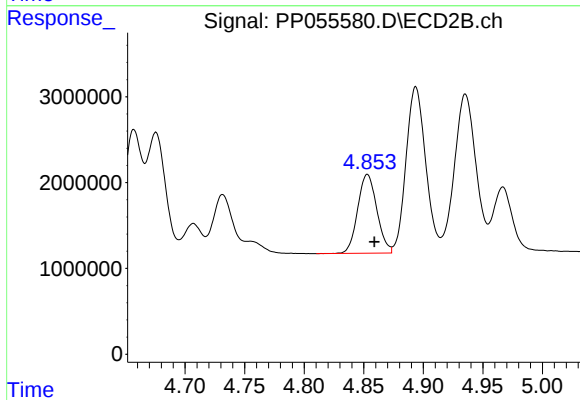
R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 15457297
Conc: 483.91 ng/ml



#13 AR-1232-3

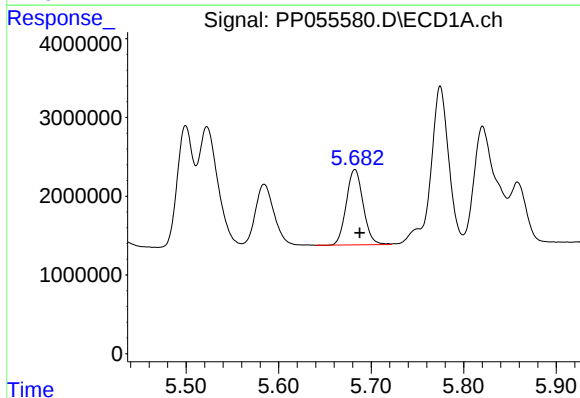
R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 22040468
Conc: 501.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



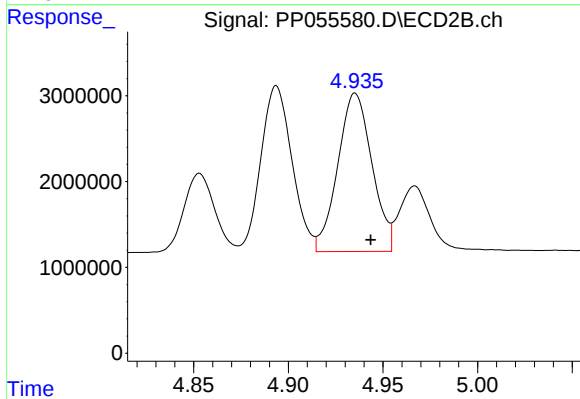
#13 AR-1232-3

R.T.: 4.853 min
Delta R.T.: -0.006 min
Response: 10326560
Conc: 619.43 ng/ml



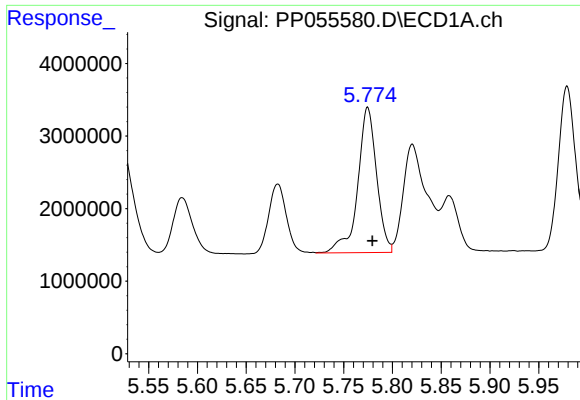
#14 AR-1232-4

R.T.: 5.682 min
Delta R.T.: -0.005 min
Response: 12070823
Conc: 545.35 ng/ml



#14 AR-1232-4

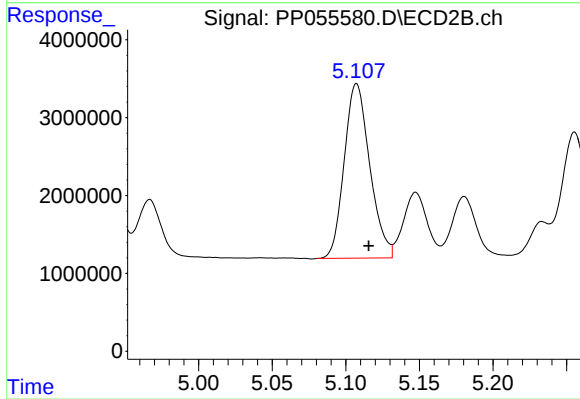
R.T.: 4.935 min
Delta R.T.: -0.008 min
Response: 23195727
Conc: 1438.39 ng/ml



#15 AR-1232-5

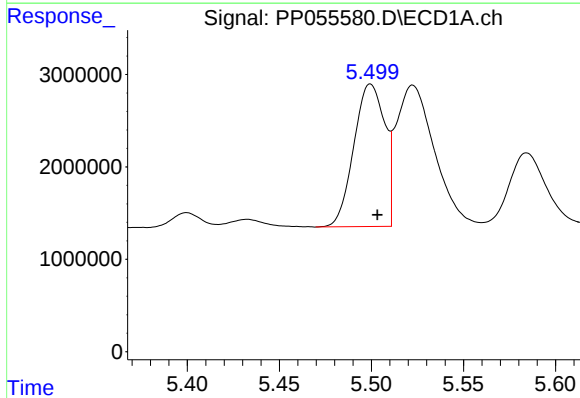
R.T.: 5.775 min
Delta R.T.: -0.005 min
Response: 26977403
Conc: 1540.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



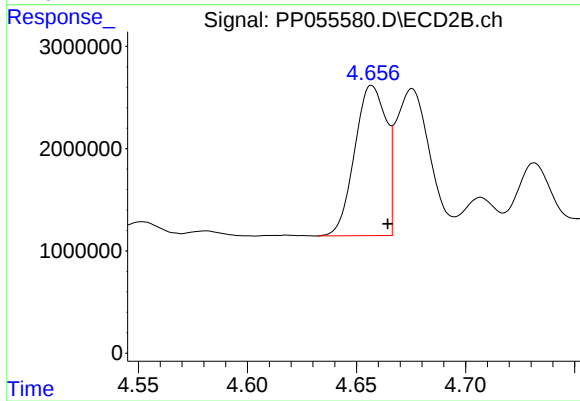
#15 AR-1232-5

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 27080308
Conc: 1533.30 ng/ml



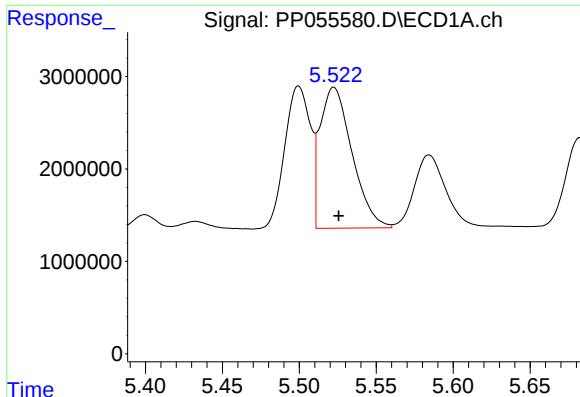
#16 AR-1242-1

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 18023674
Conc: 321.92 ng/ml



#16 AR-1242-1

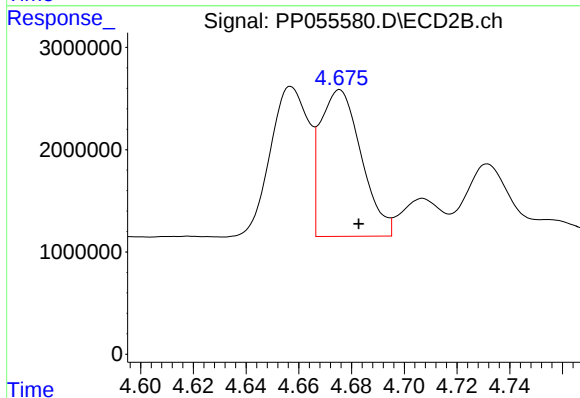
R.T.: 4.657 min
Delta R.T.: -0.007 min
Response: 14794867
Conc: 361.18 ng/ml



#17 AR-1242-2

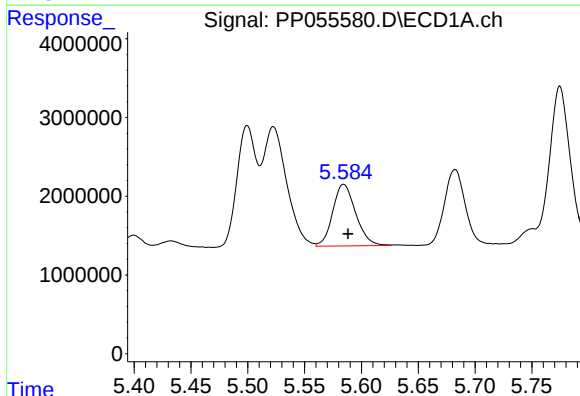
R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 22040468
Conc: 276.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



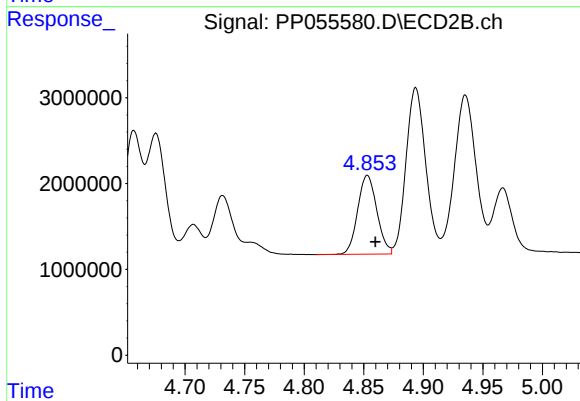
#17 AR-1242-2

R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 15457297
Conc: 270.70 ng/ml



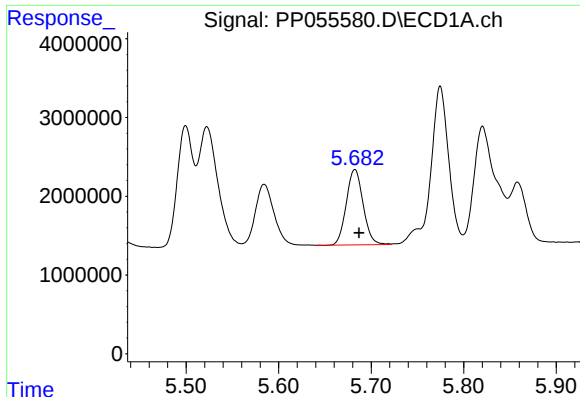
#18 AR-1242-3

R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 11041990
Conc: 222.35 ng/ml



#18 AR-1242-3

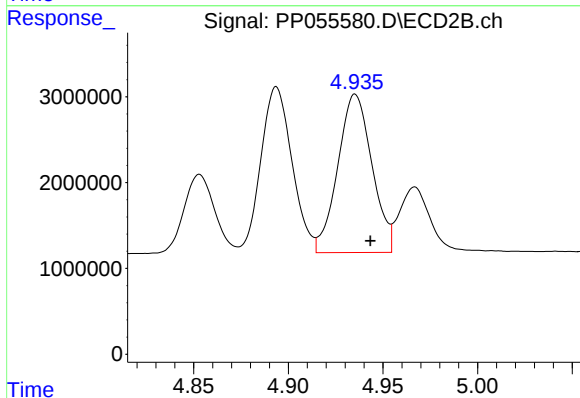
R.T.: 4.853 min
Delta R.T.: -0.007 min
Response: 10326560
Conc: 334.54 ng/ml



#19 AR-1242-4

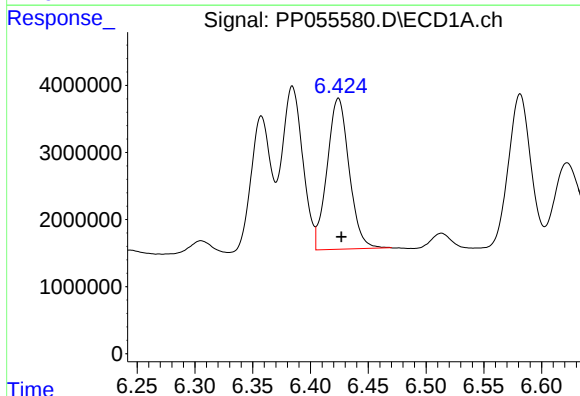
R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 12070823
Conc: 301.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



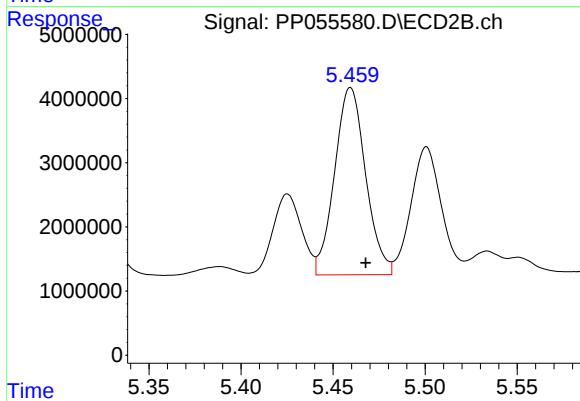
#19 AR-1242-4

R.T.: 4.935 min
Delta R.T.: -0.008 min
Response: 23195727
Conc: 714.00 ng/ml



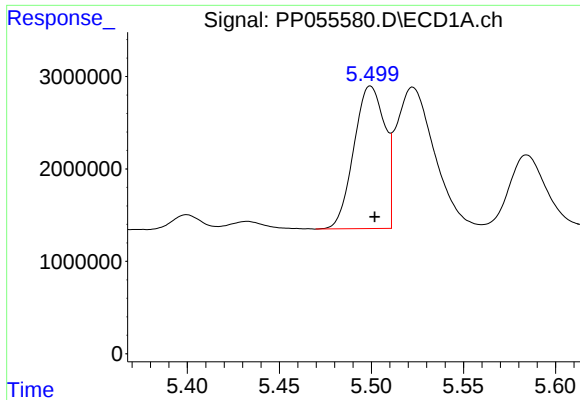
#20 AR-1242-5

R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 29886991
Conc: 672.17 ng/ml



#20 AR-1242-5

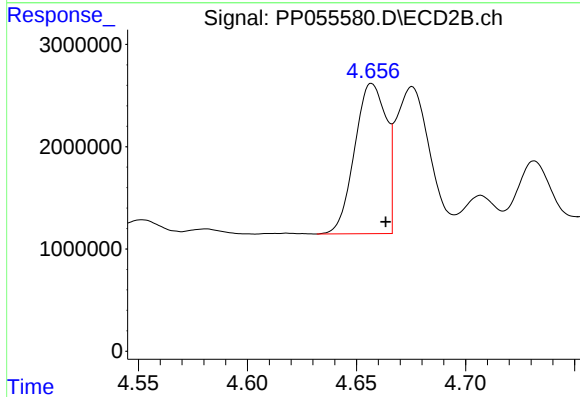
R.T.: 5.460 min
Delta R.T.: -0.008 min
Response: 34287506
Conc: 917.47 ng/ml



#21 AR-1248-1

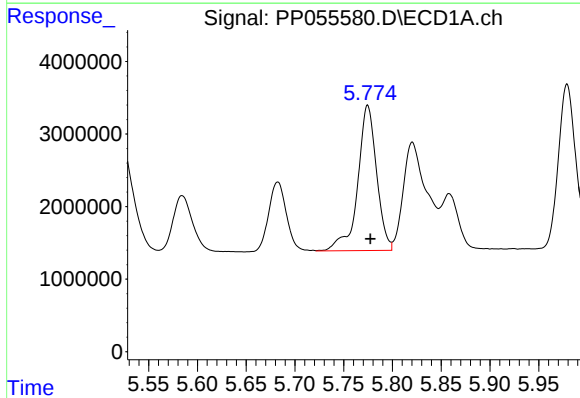
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 18023674
Conc: 432.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



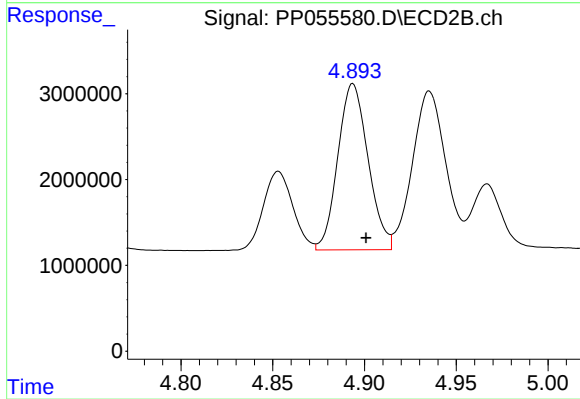
#21 AR-1248-1

R.T.: 4.657 min
Delta R.T.: -0.006 min
Response: 14794867
Conc: 477.21 ng/ml



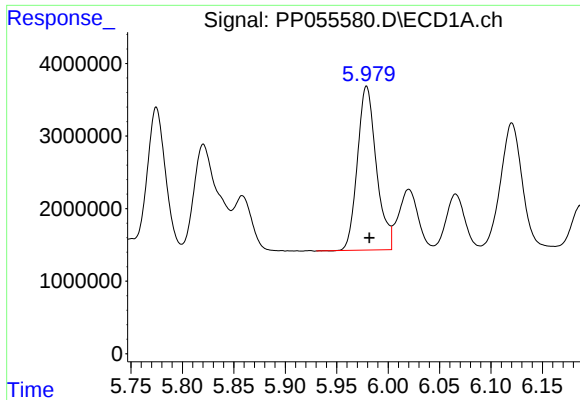
#22 AR-1248-2

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 26977403
Conc: 424.34 ng/ml



#22 AR-1248-2

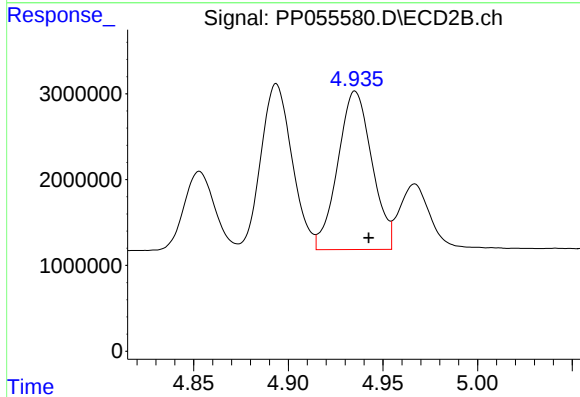
R.T.: 4.894 min
Delta R.T.: -0.007 min
Response: 22221497
Conc: 485.95 ng/ml



#23 AR-1248-3

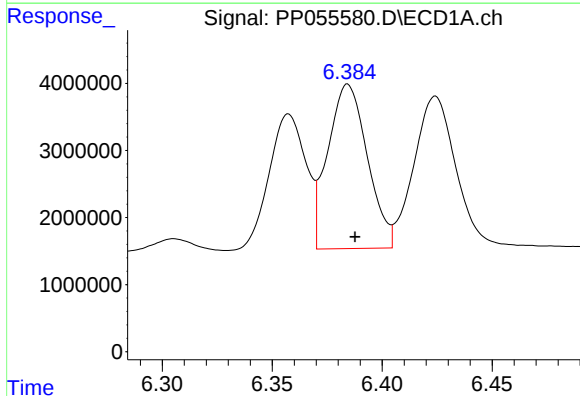
R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 28954519
Conc: 418.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



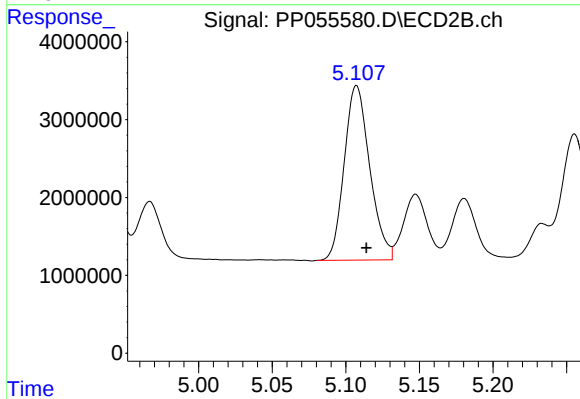
#23 AR-1248-3

R.T.: 4.935 min
Delta R.T.: -0.007 min
Response: 23195727
Conc: 486.56 ng/ml



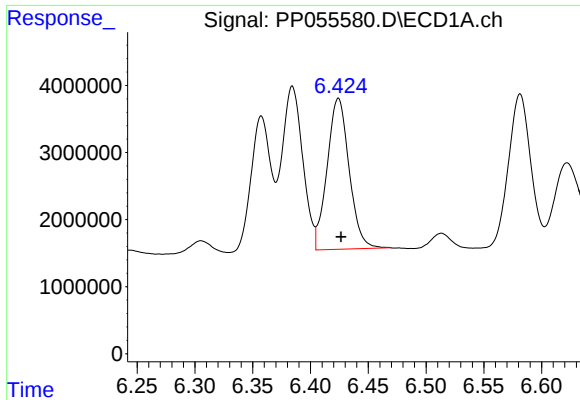
#24 AR-1248-4

R.T.: 6.384 min
Delta R.T.: -0.003 min
Response: 30676544
Conc: 404.52 ng/ml



#24 AR-1248-4

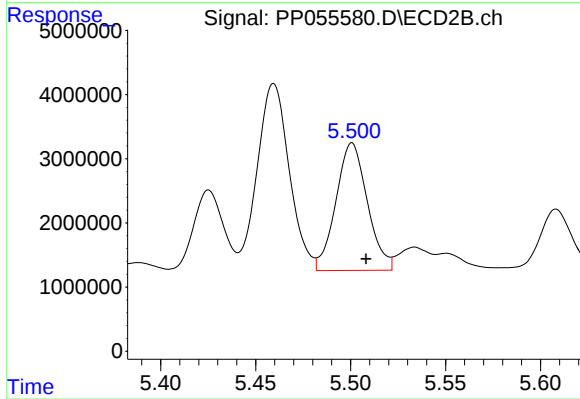
R.T.: 5.107 min
Delta R.T.: -0.007 min
Response: 27080308
Conc: 490.34 ng/ml



#25 AR-1248-5

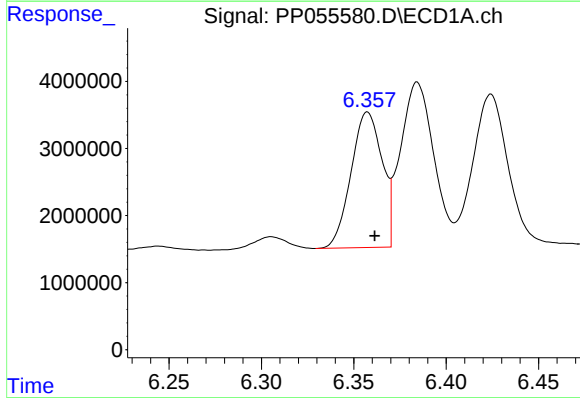
R.T.: 6.424 min
Delta R.T.: -0.002 min
Response: 29886991
Conc: 405.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



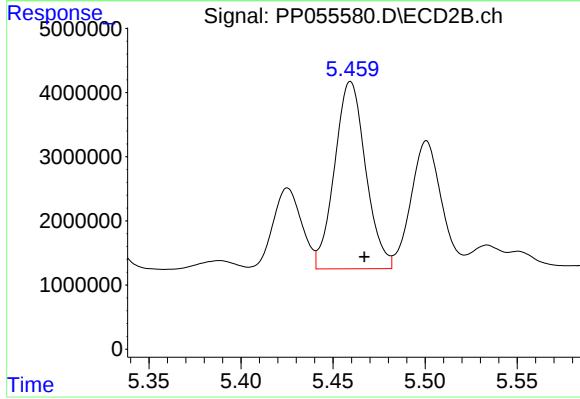
#25 AR-1248-5

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 22912974
Conc: 465.99 ng/ml



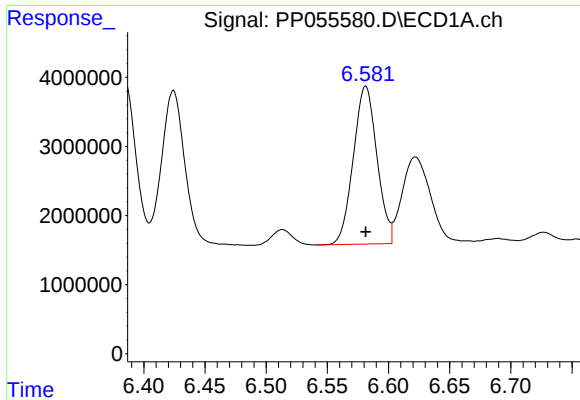
#26 AR-1254-1

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 23620226
Conc: 299.40 ng/ml



#26 AR-1254-1

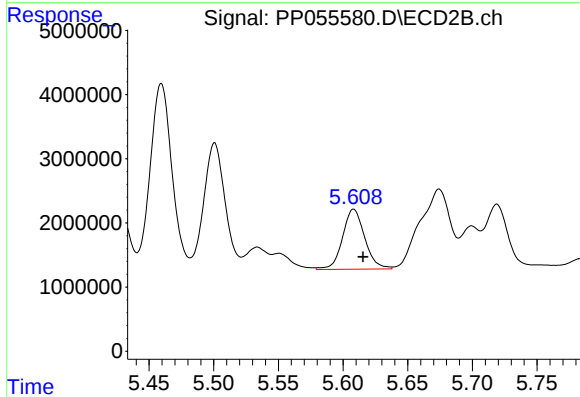
R.T.: 5.460 min
Delta R.T.: -0.008 min
Response: 34287506
Conc: 424.57 ng/ml



#27 AR-1254-2

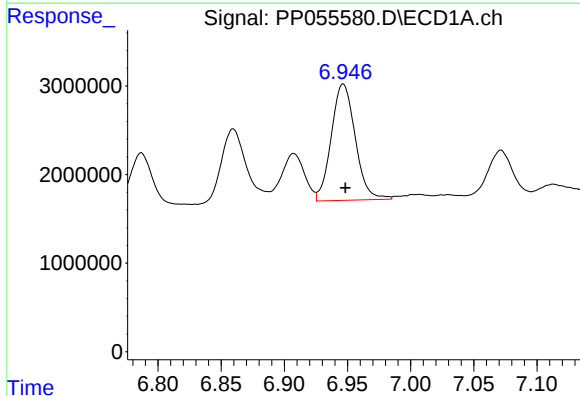
R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 30734741
Conc: 253.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



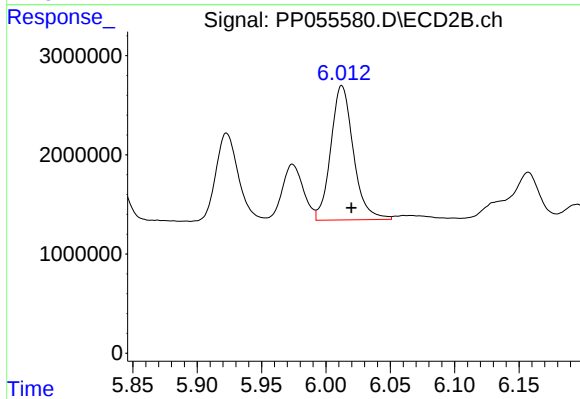
#27 AR-1254-2

R.T.: 5.608 min
Delta R.T.: -0.007 min
Response: 11188227
Conc: 156.34 ng/ml



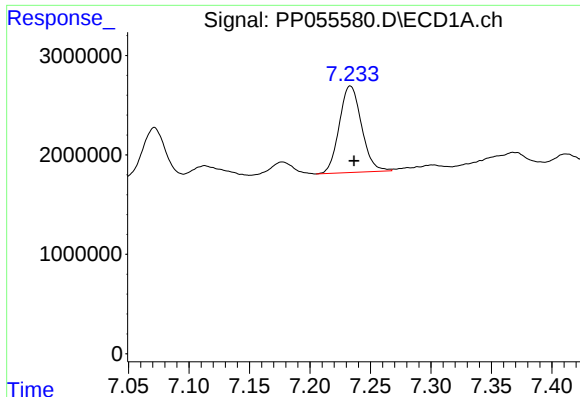
#28 AR-1254-3

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 17368632
Conc: 141.80 ng/ml



#28 AR-1254-3

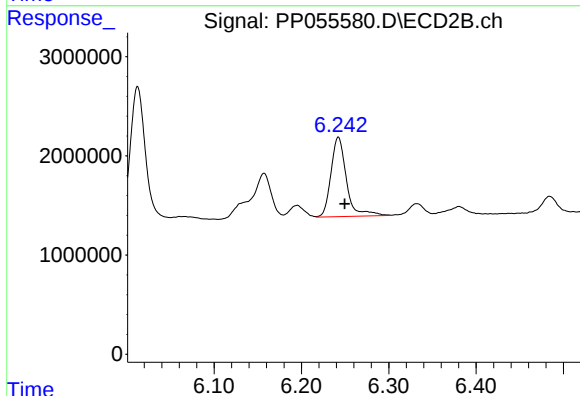
R.T.: 6.012 min
Delta R.T.: -0.007 min
Response: 16512471
Conc: 148.22 ng/ml



#29 AR-1254-4

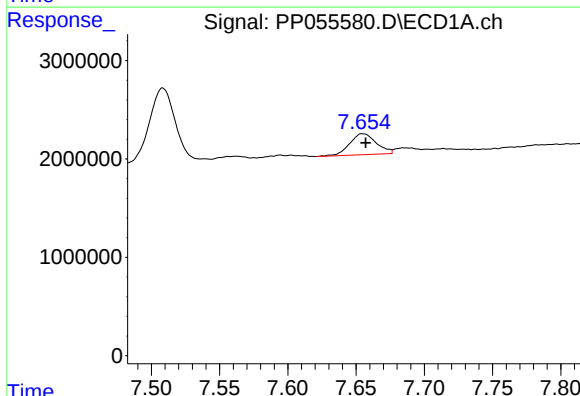
R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 11138033
Conc: 126.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



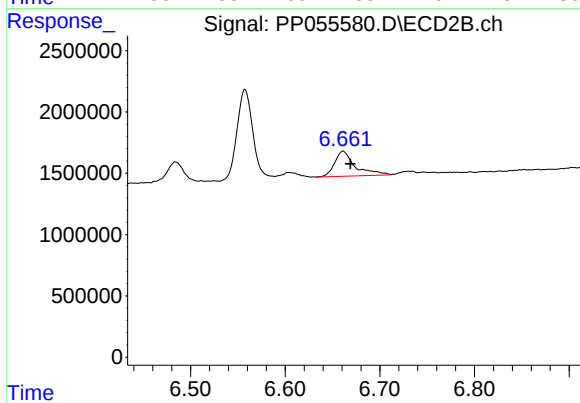
#29 AR-1254-4

R.T.: 6.242 min
Delta R.T.: -0.007 min
Response: 9890644
Conc: 160.80 ng/ml



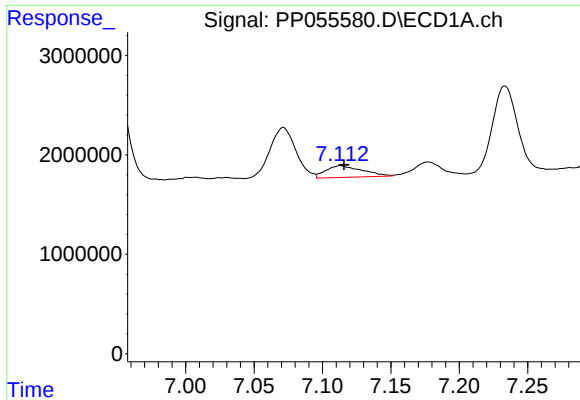
#30 AR-1254-5

R.T.: 7.655 min
Delta R.T.: -0.002 min
Response: 2900201
Conc: 28.67 ng/ml



#30 AR-1254-5

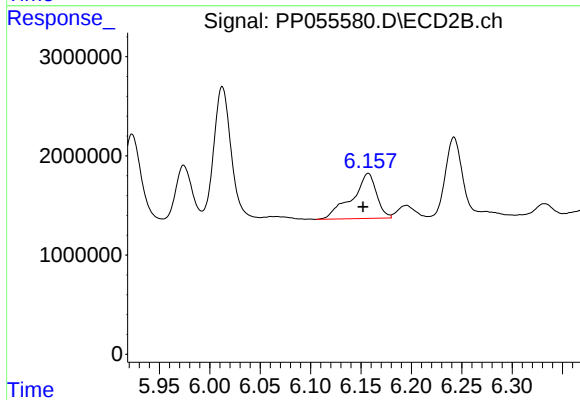
R.T.: 6.661 min
Delta R.T.: -0.008 min
Response: 3091974
Conc: 32.61 ng/ml



#31 AR-1260-1

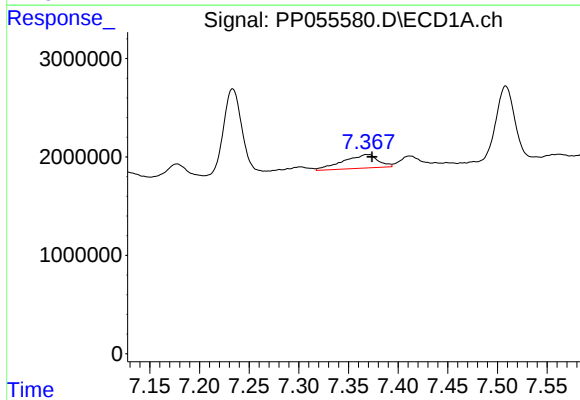
R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 2163673
Conc: 22.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



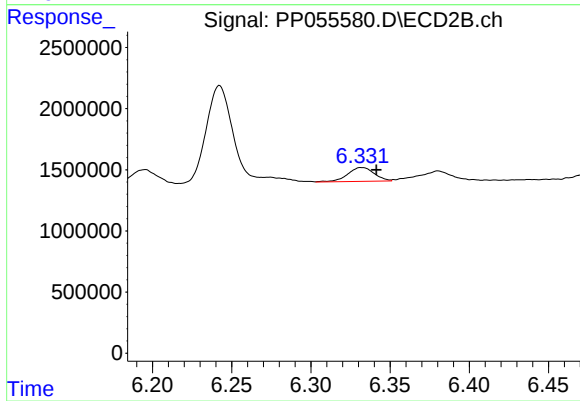
#31 AR-1260-1

R.T.: 6.157 min
Delta R.T.: 0.005 min
Response: 7715534
Conc: 99.50 ng/ml



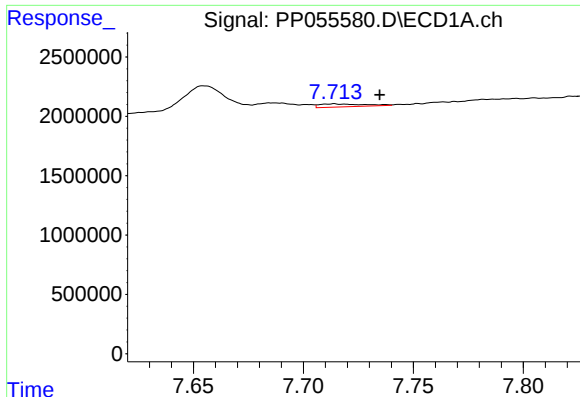
#32 AR-1260-2

R.T.: 7.368 min
Delta R.T.: -0.005 min
Response: 3350503
Conc: 29.77 ng/ml



#32 AR-1260-2

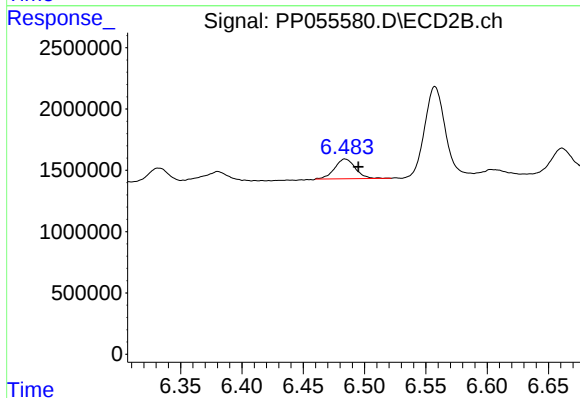
R.T.: 6.332 min
Delta R.T.: -0.009 min
Response: 1332903
Conc: 14.83 ng/ml



#33 AR-1260-3

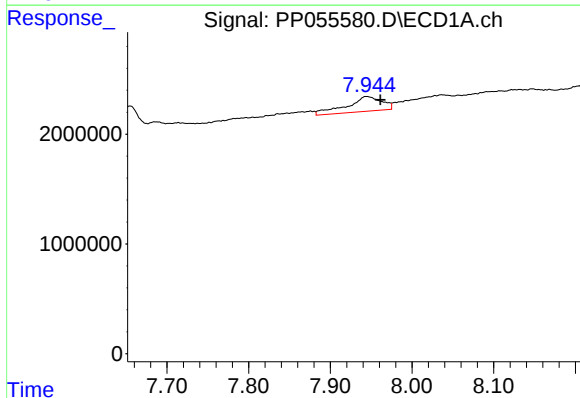
R.T.: 7.714 min
Delta R.T.: -0.021 min
Response: 355340
Conc: 4.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



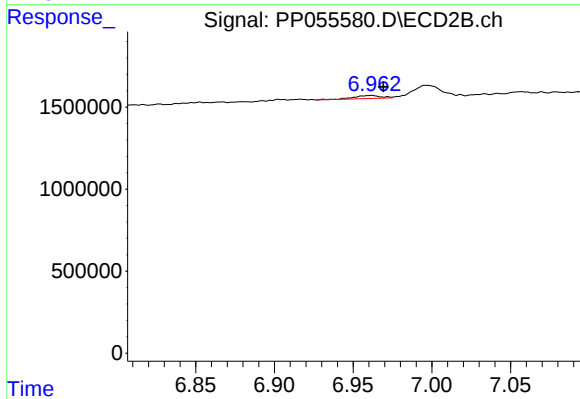
#33 AR-1260-3

R.T.: 6.484 min
Delta R.T.: -0.011 min
Response: 1904952
Conc: 22.43 ng/ml



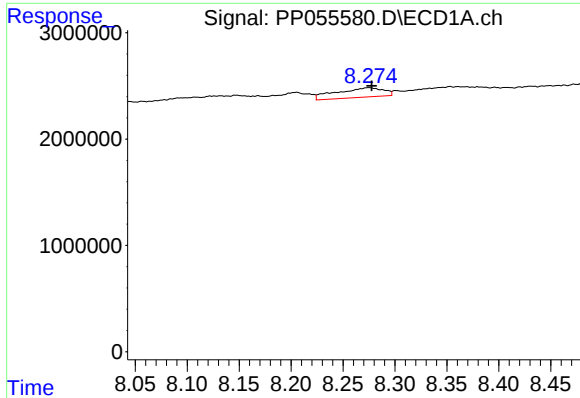
#34 AR-1260-4

R.T.: 7.944 min
Delta R.T.: -0.017 min
Response: 4059624
Conc: 41.82 ng/ml



#34 AR-1260-4

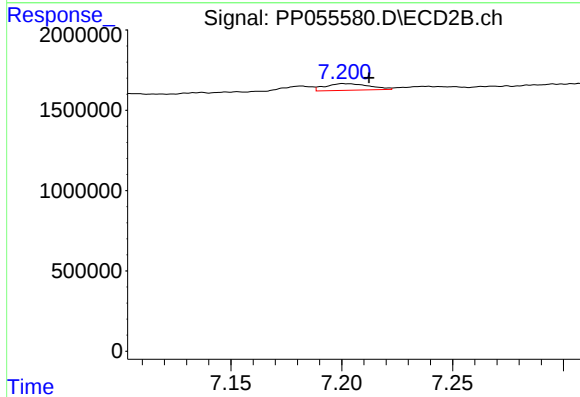
R.T.: 6.962 min
Delta R.T.: -0.007 min
Response: 229691
Conc: 3.21 ng/ml



#35 AR-1260-5

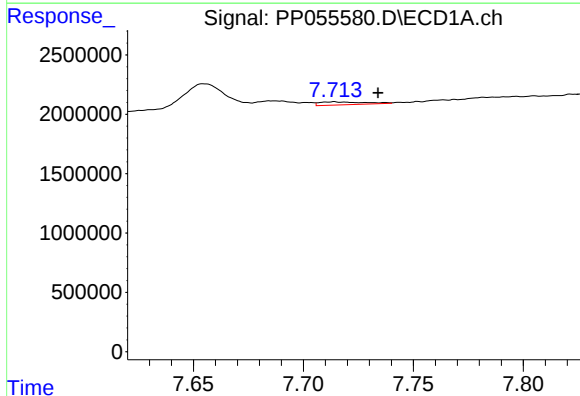
R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 2828738
Conc: 15.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



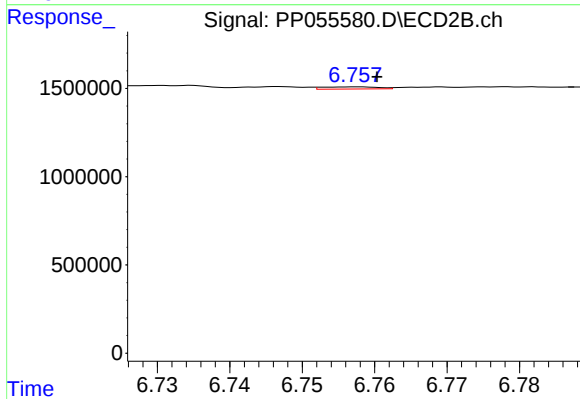
#35 AR-1260-5

R.T.: 7.201 min
Delta R.T.: -0.011 min
Response: 566688
Conc: 3.69 ng/ml



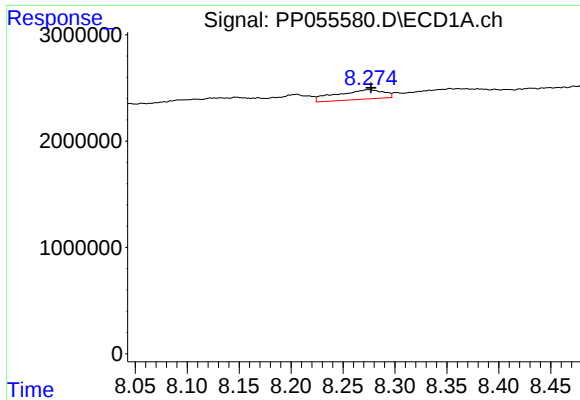
#36 AR-1262-1

R.T.: 7.714 min
Delta R.T.: -0.020 min
Response: 355340
Conc: 3.01 ng/ml



#36 AR-1262-1

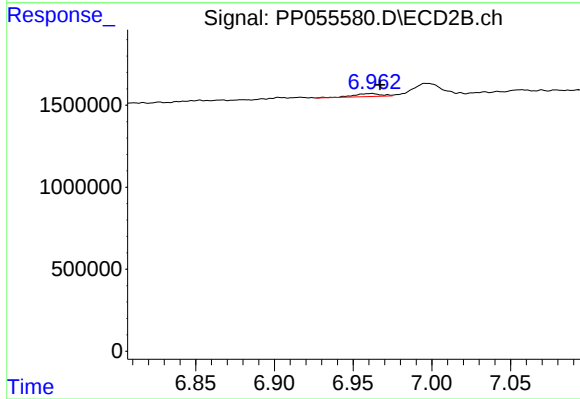
R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 64611
Conc: 1.50 ng/ml



#37 AR-1262-2

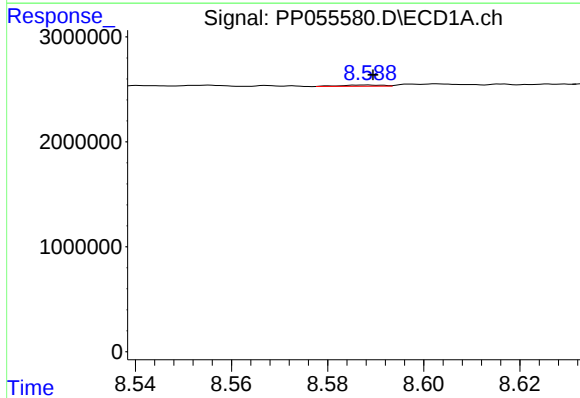
R.T.: 8.275 min
Delta R.T.: -0.002 min
Response: 2828738
Conc: 14.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



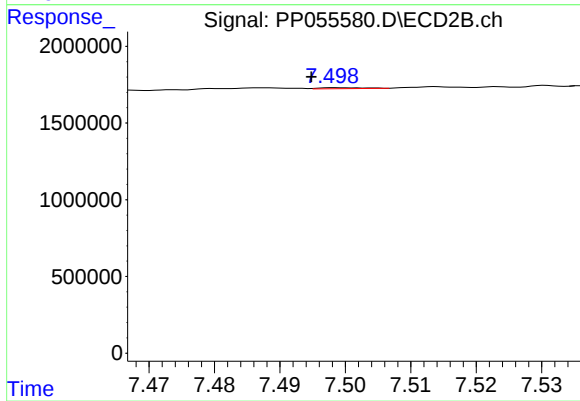
#37 AR-1262-2

R.T.: 6.962 min
Delta R.T.: -0.005 min
Response: 229691
Conc: 2.48 ng/ml



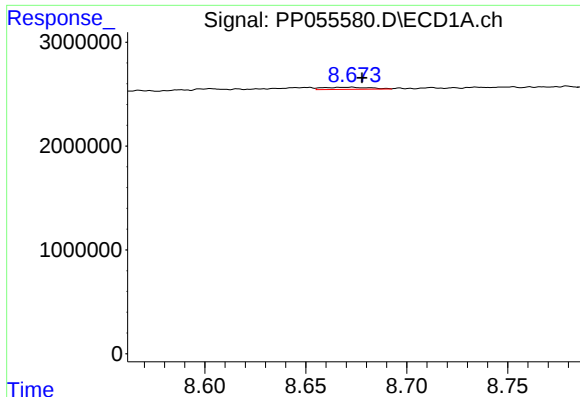
#38 AR-1262-3

R.T.: 8.588 min
Delta R.T.: -0.001 min
Response: 75393
Conc: 0.54 ng/ml



#38 AR-1262-3

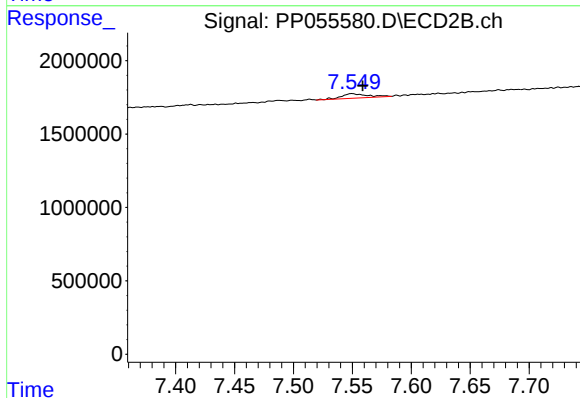
R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 27473
Conc: 0.38 ng/ml



#39 AR-1262-4

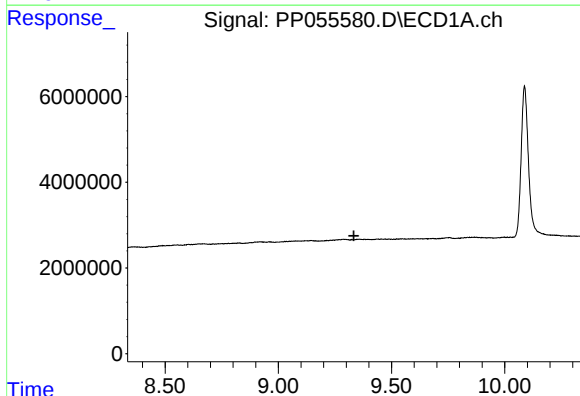
R.T.: 8.673 min
Delta R.T.: -0.005 min
Response: 333429
Conc: 4.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



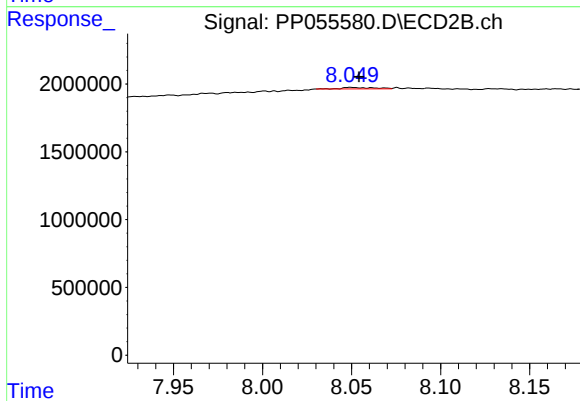
#39 AR-1262-4

R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 468801
Conc: 3.58 ng/ml



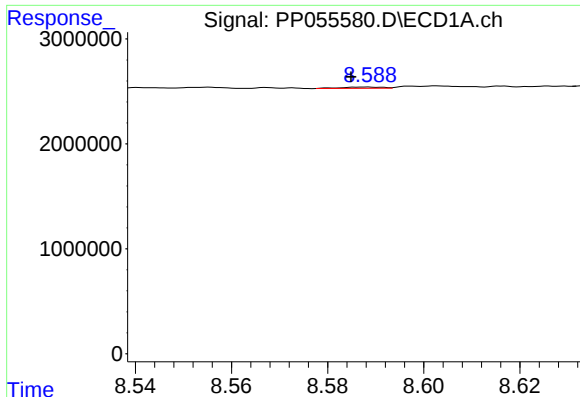
#40 AR-1262-5

R.T.: 9.325 min
Delta R.T.: -0.009 min
Response: -22060
Conc: N.D.



#40 AR-1262-5

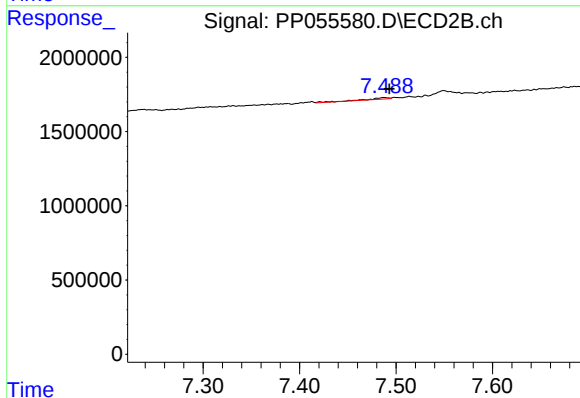
R.T.: 8.049 min
Delta R.T.: -0.005 min
Response: 130298
Conc: 2.20 ng/ml



#41 AR-1268-1

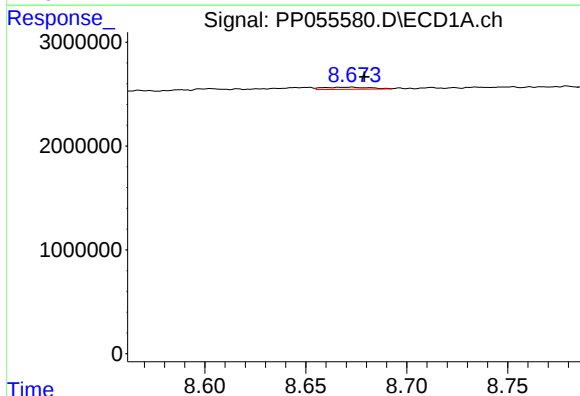
R.T.: 8.588 min
Delta R.T.: 0.003 min
Response: 75393
Conc: 0.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



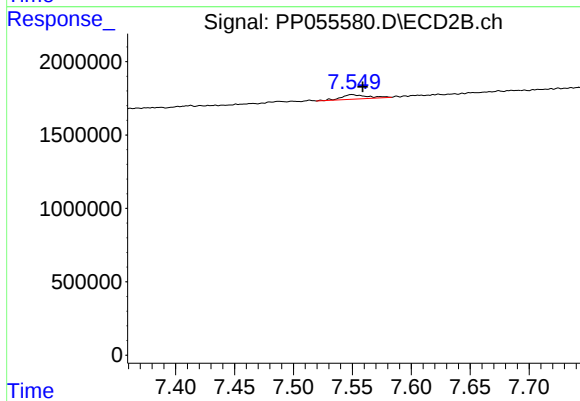
#41 AR-1268-1

R.T.: 7.488 min
Delta R.T.: -0.006 min
Response: 145218
Conc: 0.67 ng/ml



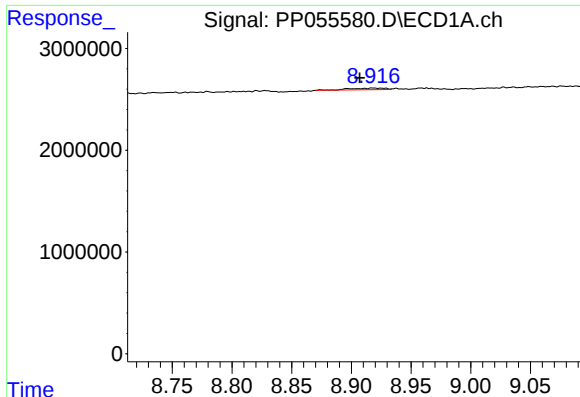
#42 AR-1268-2

R.T.: 8.673 min
Delta R.T.: -0.006 min
Response: 333429
Conc: 1.47 ng/ml



#42 AR-1268-2

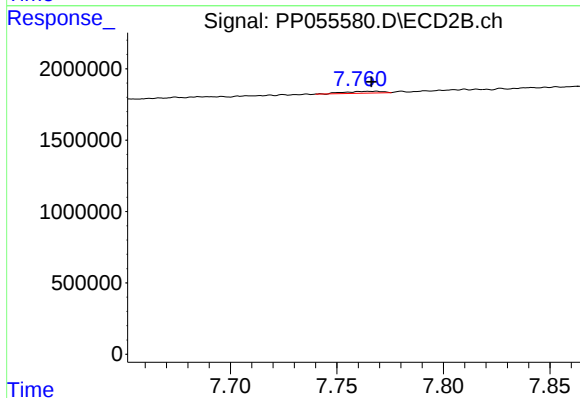
R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 468801
Conc: 2.40 ng/ml



#43 AR-1268-3

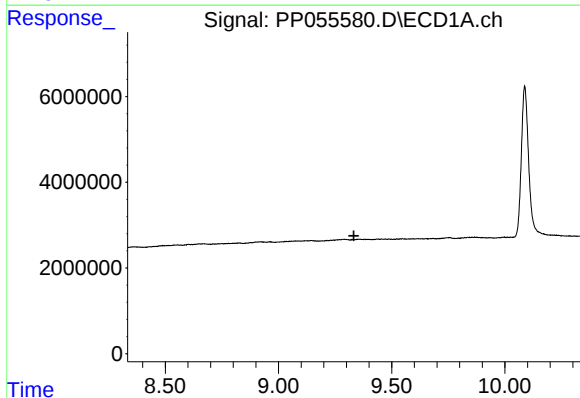
R.T.: 8.918 min
Delta R.T.: 0.011 min
Response: 303704
Conc: 1.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



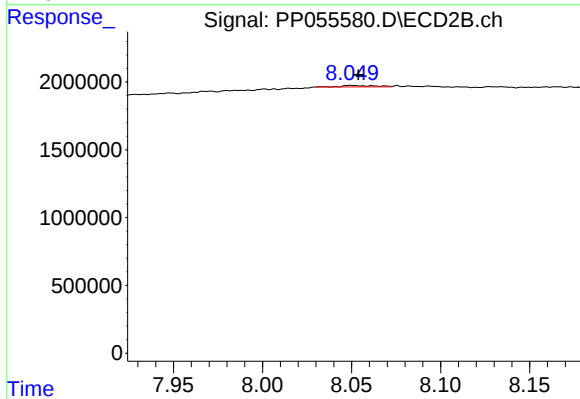
#43 AR-1268-3

R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 151767
Conc: 0.88 ng/ml



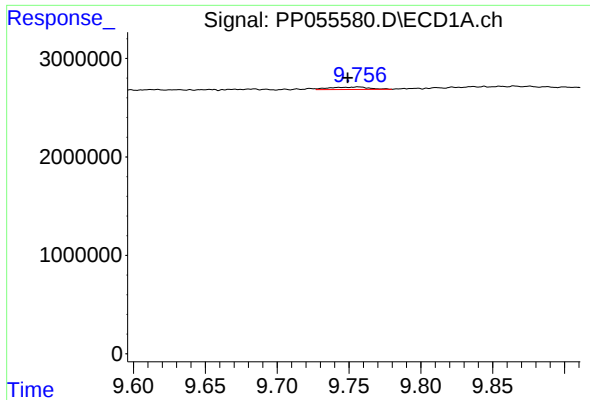
#44 AR-1268-4

R.T.: 9.325 min
Delta R.T.: -0.008 min
Response: -22060
Conc: N.D.



#44 AR-1268-4

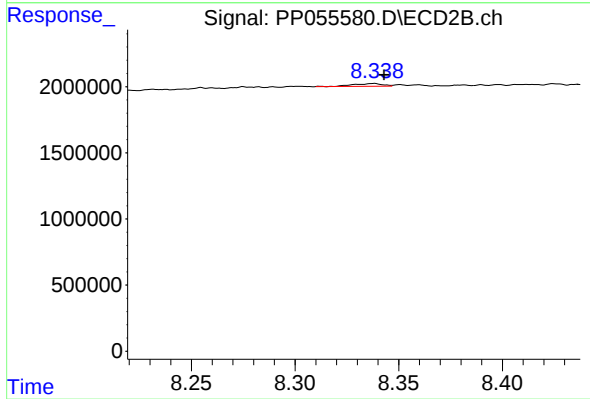
R.T.: 8.049 min
Delta R.T.: -0.005 min
Response: 130298
Conc: 2.04 ng/ml



#45 AR-1268-5

R.T.: 9.757 min
Delta R.T.: 0.008 min
Response: 452404
Conc: 0.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.338 min
Delta R.T.: -0.005 min
Response: 206044
Conc: 0.39 ng/ml