

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061621\
 Data File : PP036470.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Jun 2021 9:38
 Operator : DD\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: Jun 16 13:12:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jun 12 04:04:46 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.967	3.960	2201119	1618008	52.129	53.867
2)	SA Decachlor...	11.004	9.267	2119106	1596363	58.685	49.969
Target Compounds							
3)	L1 AR-1016-1	6.288	5.215	782890	562336	528.819	527.372
4)	L1 AR-1016-2	6.312	5.236	1108660	780806	520.032	523.514
5)	L1 AR-1016-3	6.378	5.426	710308	431135	535.741	541.701
6)	L1 AR-1016-4	6.485	5.479	594713	337869	522.461	560.365
7)	L1 AR-1016-5	6.800	5.707	594724	437746	583.497	550.660
8)	L2 AR-1221-1	5.211	4.216	82175	58309	165.233	179.168
9)	L2 AR-1221-2	5.316	4.315	118975	86636	308.478	350.718
10)	L2 AR-1221-3	5.403	4.404	435892	307989	381.679	383.999
11)	L3 AR-1232-1	5.403	4.404	435892	307989	471.053	477.391
12)	L3 AR-1232-2	5.993	5.236	585380	780806	1224.500	1270.441
13)	L3 AR-1232-3	6.312	5.426	1108660	431135	1248.782	1369.892
14)	L3 AR-1232-4	6.485	5.523	594713	413392	1238.757	1595.889 #
15)	L3 AR-1232-5	6.582	5.707	474805	437746	1467.123	1496.633
16)	L4 AR-1242-1	6.288	5.215	782890	562336	670.812	676.391
17)	L4 AR-1242-2	6.312	5.236	1108660	780806	669.162	687.314
18)	L4 AR-1242-3	6.378	5.426	710308	431135	681.781	692.922
19)	L4 AR-1242-4	6.485	5.523	594713	413392	680.448	718.532
20)	L4 AR-1242-5	7.268	6.087	90090	315988	96.311	396.903 #
21)	L5 AR-1248-1	6.288	5.215	782890	562336	848.835	868.345
22)	L5 AR-1248-2	6.582	5.479	474805	337869	393.591	394.941
23)	L5 AR-1248-3	6.800	5.523	594724	413392	416.557	475.368
24)	L5 AR-1248-4	7.228	5.707	107282	437746	65.528	408.045 #
25)	L5 AR-1248-5	7.268	6.130	90090	54165	56.542	49.478
26)	L6 AR-1254-1	7.197	6.087	399430	315988	242.626	194.003
27)	L6 AR-1254-2	7.426	6.248	448643	293501	176.629	199.492
28)	L6 AR-1254-3	7.809	6.668	287001	165062	103.404	68.662 #
29)	L6 AR-1254-4	8.104	6.907	190427	88123	92.320	55.981 #
30)	L6 AR-1254-5	8.533	7.337	1400831	1061976	601.557	480.327
31)	L7 AR-1260-1	7.976	6.805	987438	770909	550.211	513.516
32)	L7 AR-1260-2	8.241	7.004	1157639	930881	497.041	499.054
33)	L7 AR-1260-3	8.607	7.158	890716	862104	509.414	463.967
34)	L7 AR-1260-4	8.836	7.643	1067814	740099	571.643	489.448
35)	L7 AR-1260-5	9.167	7.891	2017754	1736085	537.613	469.803
36)	L8 AR-1262-1	8.607	7.337	890716	1061976	331.329	890.834 #
37)	L8 AR-1262-2	9.167	7.891	2017754	1736085	422.473	419.360
38)	L8 AR-1262-3	9.481	8.179	452891	412254	132.173	240.625 #
39)	L8 AR-1262-4	9.555f	8.240	930508	1313436	347.221	418.661
40)	L8 AR-1262-5	10.246	8.740	694588	496231	358.772	335.504
41)	L9 AR-1268-1	9.481	8.179	452891	412254	86.962	89.286

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

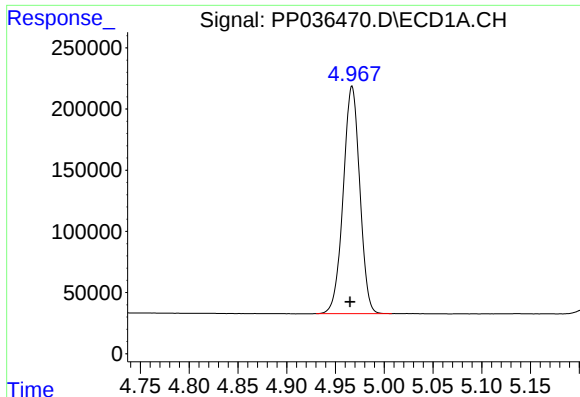
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 13:12:53 2021
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 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	0.000	8.240	0	1313436	N.D.	305.344 #
43) L9	AR-1268-3	9.803	8.453	32783	22676	7.819	6.107
44) L9	AR-1268-4	10.246	8.740	694588	496231	354.822	319.366
45) L9	AR-1268-5	10.664	9.022	212915	145793	15.564	11.853

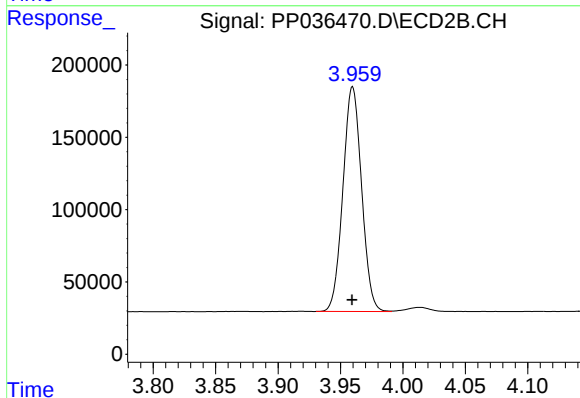
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

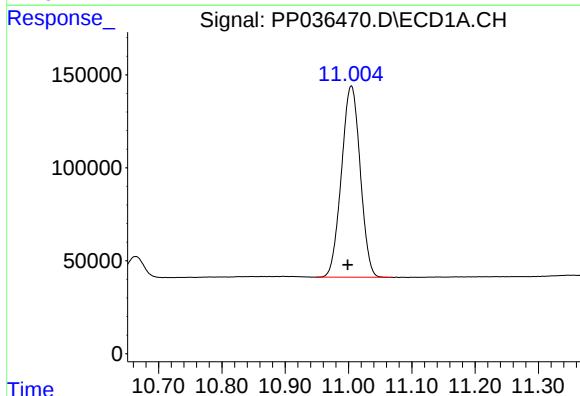
R.T.: 4.967 min
Delta R.T.: 0.002 min
Response: 2201119
Conc: 52.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



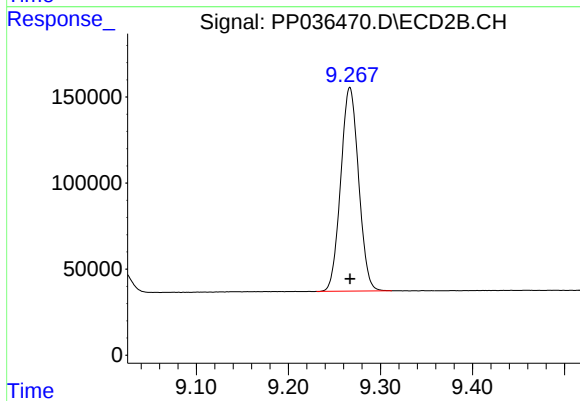
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 1618008
Conc: 53.87 ng/ml



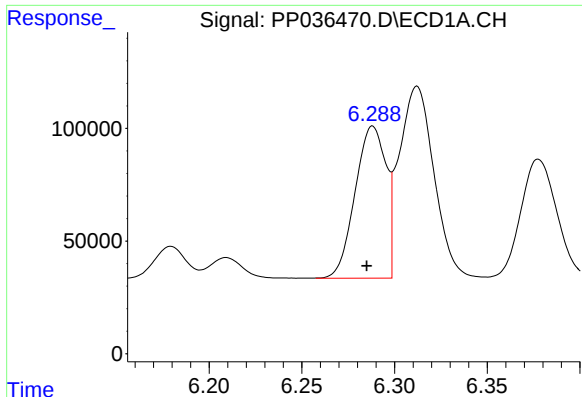
#2 Decachlorobiphenyl

R.T.: 11.004 min
Delta R.T.: 0.005 min
Response: 2119106
Conc: 58.68 ng/ml



#2 Decachlorobiphenyl

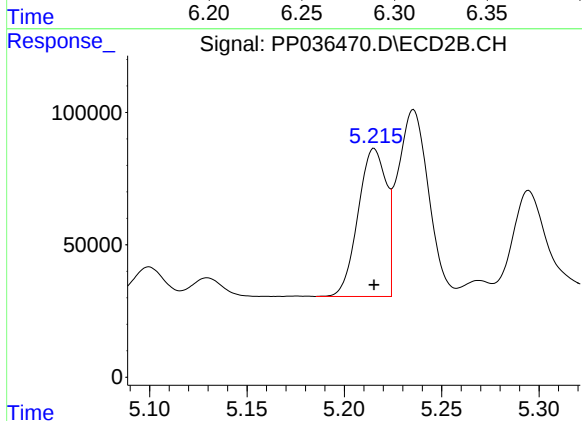
R.T.: 9.267 min
Delta R.T.: 0.000 min
Response: 1596363
Conc: 49.97 ng/ml



#3 AR-1016-1

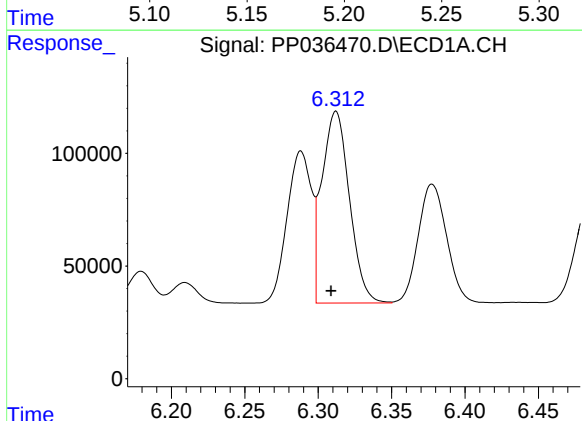
R.T.: 6.288 min
Delta R.T.: 0.003 min
Response: 782890
Conc: 528.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



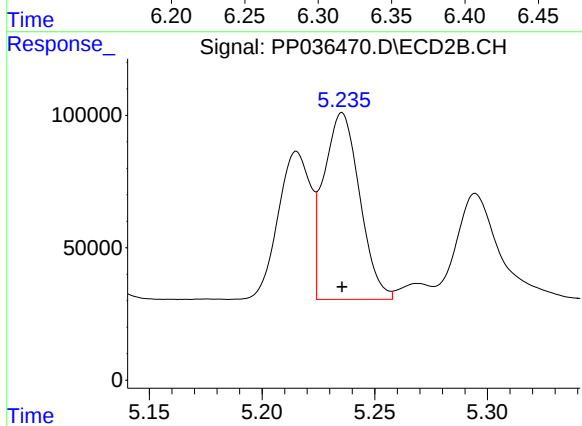
#3 AR-1016-1

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 562336
Conc: 527.37 ng/ml



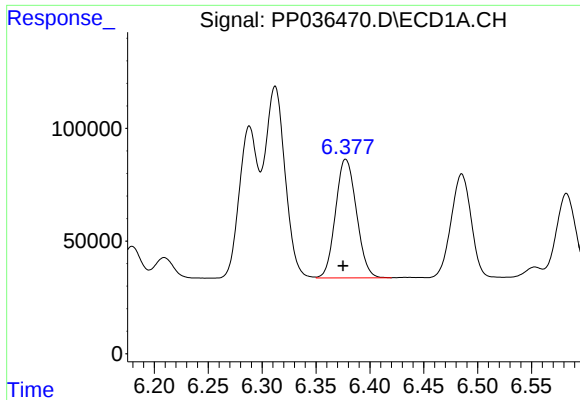
#4 AR-1016-2

R.T.: 6.312 min
Delta R.T.: 0.003 min
Response: 1108660
Conc: 520.03 ng/ml



#4 AR-1016-2

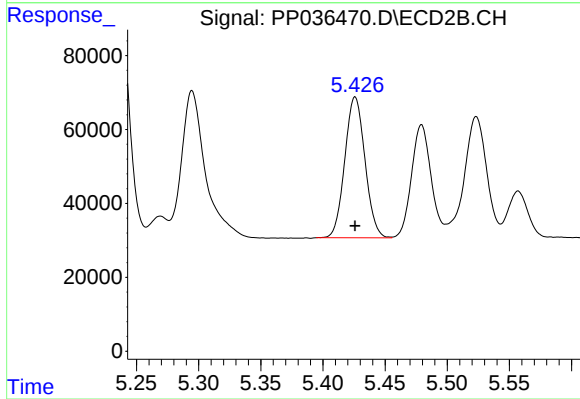
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 780806
Conc: 523.51 ng/ml



#5 AR-1016-3

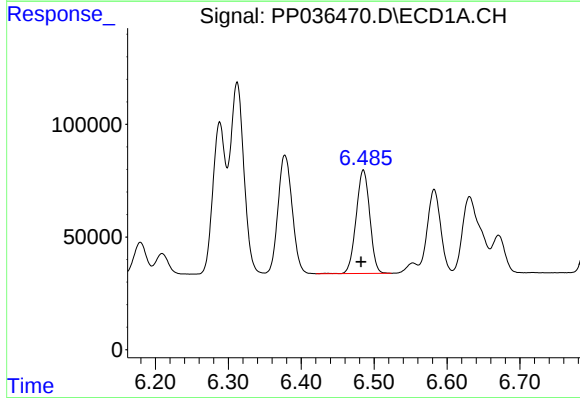
R.T.: 6.378 min
Delta R.T.: 0.002 min
Response: 710308
Conc: 535.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



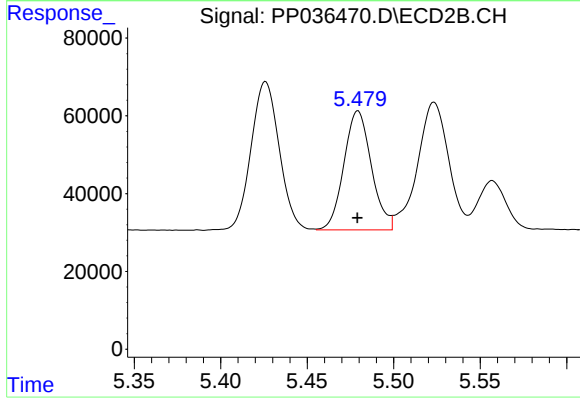
#5 AR-1016-3

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 431135
Conc: 541.70 ng/ml



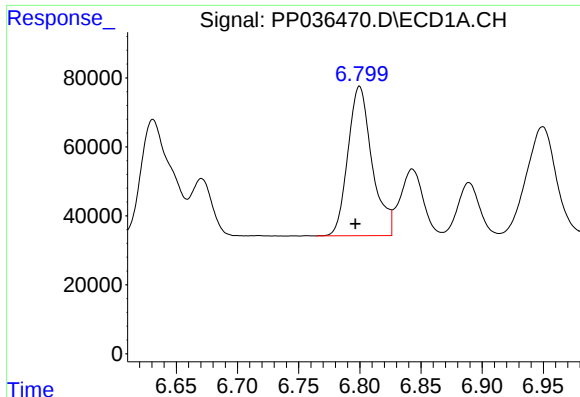
#6 AR-1016-4

R.T.: 6.485 min
Delta R.T.: 0.003 min
Response: 594713
Conc: 522.46 ng/ml



#6 AR-1016-4

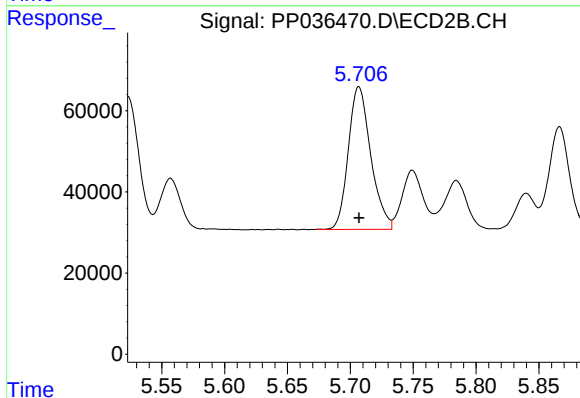
R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 337869
Conc: 560.37 ng/ml



#7 AR-1016-5

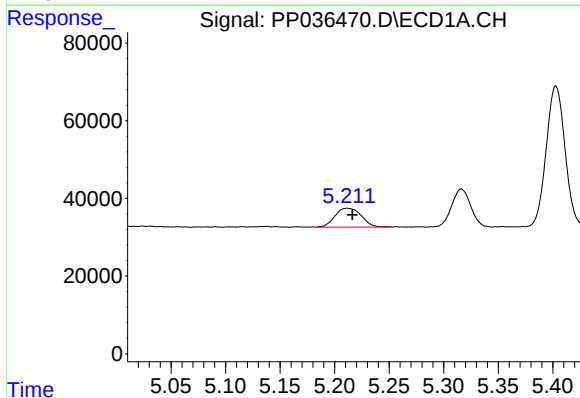
R.T.: 6.800 min
Delta R.T.: 0.004 min
Response: 594724
Conc: 583.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



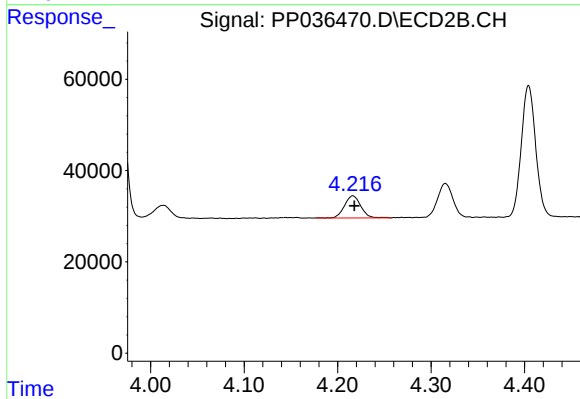
#7 AR-1016-5

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 437746
Conc: 550.66 ng/ml



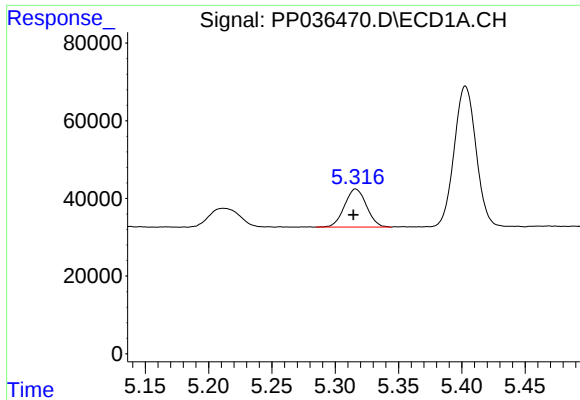
#8 AR-1221-1

R.T.: 5.211 min
Delta R.T.: -0.005 min
Response: 82175
Conc: 165.23 ng/ml



#8 AR-1221-1

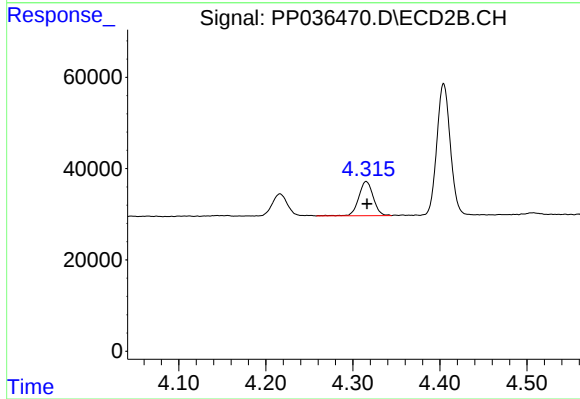
R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 58309
Conc: 179.17 ng/ml



#9 AR-1221-2

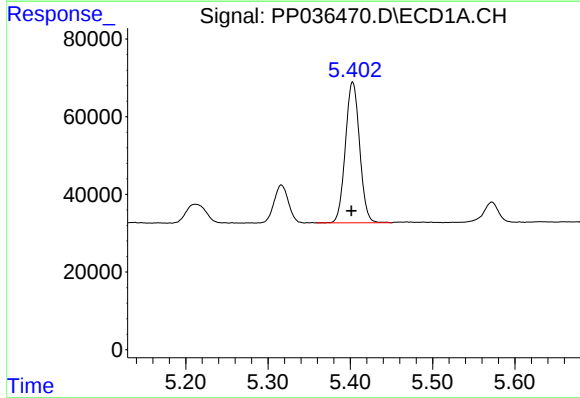
R.T.: 5.316 min
Delta R.T.: 0.002 min
Response: 118975
Conc: 308.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



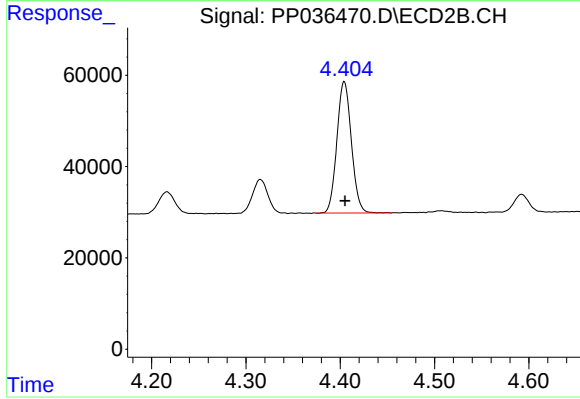
#9 AR-1221-2

R.T.: 4.315 min
Delta R.T.: -0.001 min
Response: 86636
Conc: 350.72 ng/ml



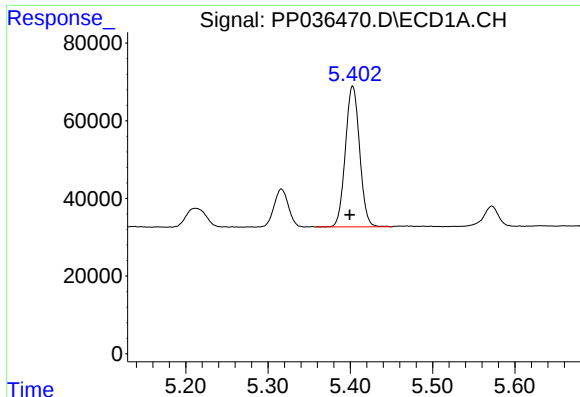
#10 AR-1221-3

R.T.: 5.403 min
Delta R.T.: 0.002 min
Response: 435892
Conc: 381.68 ng/ml



#10 AR-1221-3

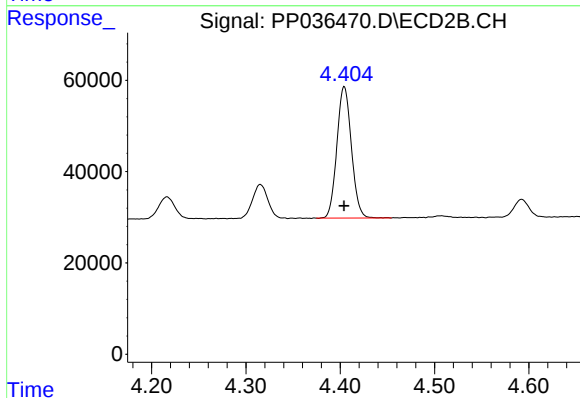
R.T.: 4.404 min
Delta R.T.: -0.001 min
Response: 307989
Conc: 384.00 ng/ml



#11 AR-1232-1

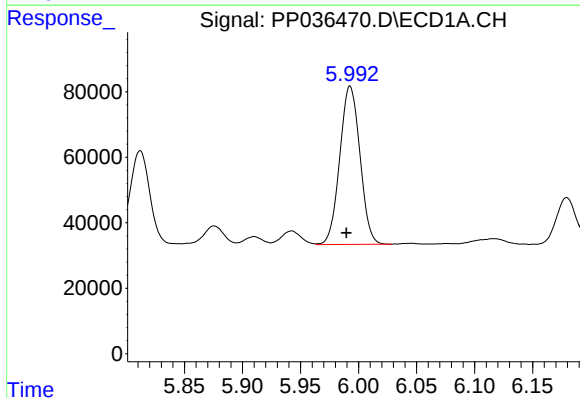
R.T.: 5.403 min
Delta R.T.: 0.003 min
Response: 435892
Conc: 471.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



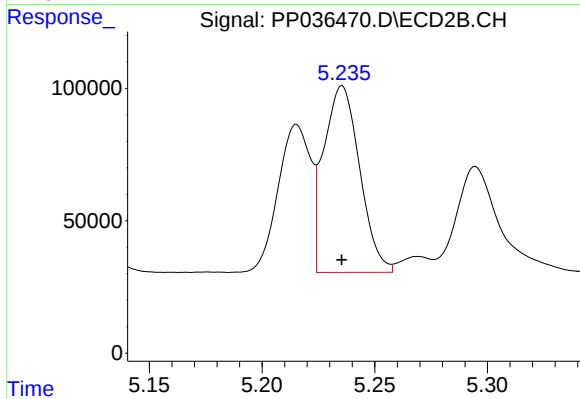
#11 AR-1232-1

R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 307989
Conc: 477.39 ng/ml



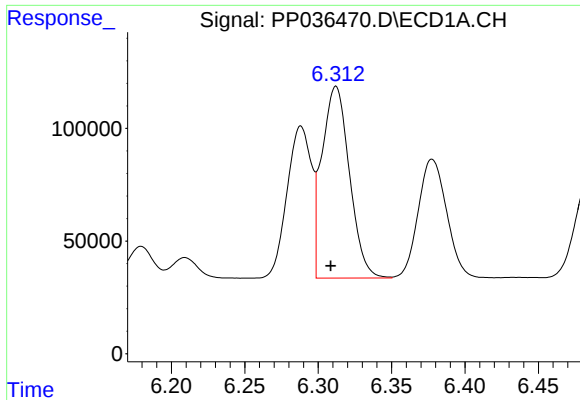
#12 AR-1232-2

R.T.: 5.993 min
Delta R.T.: 0.003 min
Response: 585380
Conc: 1224.50 ng/ml



#12 AR-1232-2

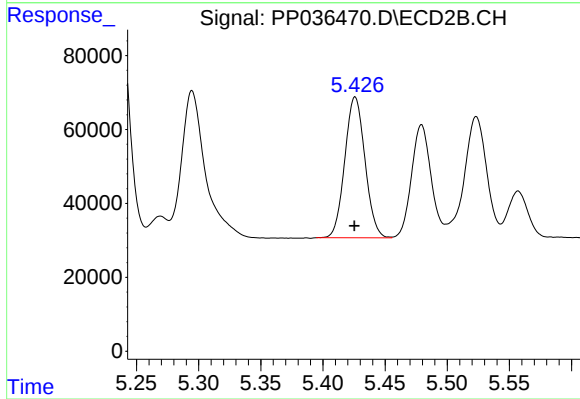
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 780806
Conc: 1270.44 ng/ml



#13 AR-1232-3

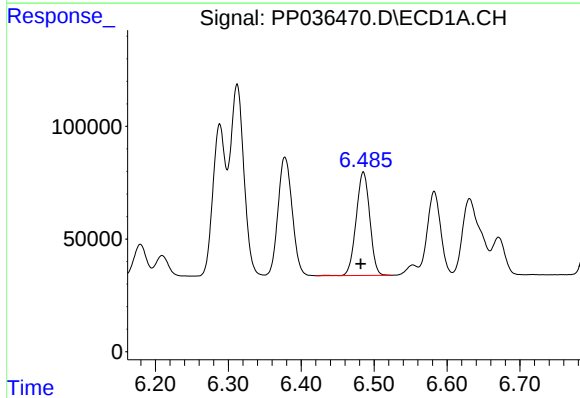
R.T.: 6.312 min
Delta R.T.: 0.003 min
Response: 1108660
Conc: 1248.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



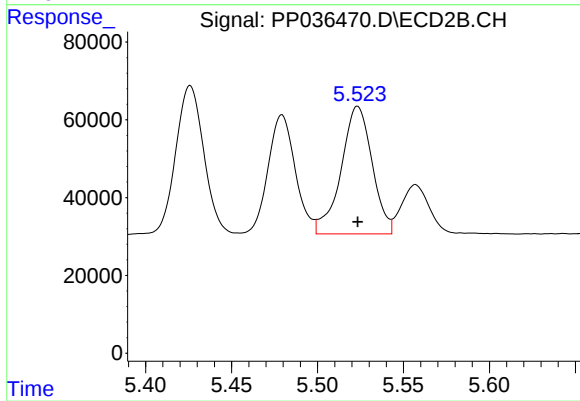
#13 AR-1232-3

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 431135
Conc: 1369.89 ng/ml



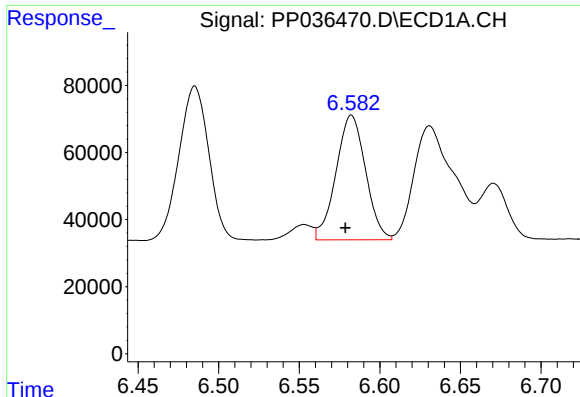
#14 AR-1232-4

R.T.: 6.485 min
Delta R.T.: 0.004 min
Response: 594713
Conc: 1238.76 ng/ml



#14 AR-1232-4

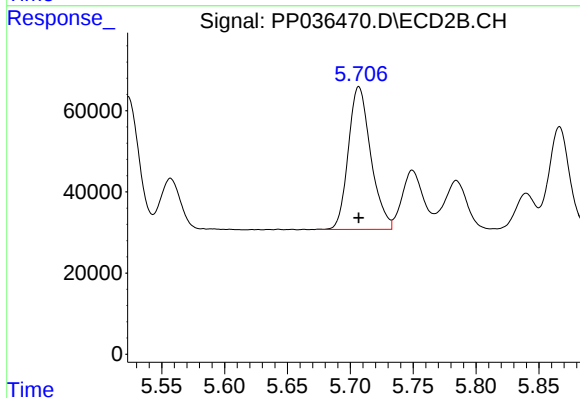
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 413392
Conc: 1595.89 ng/ml



#15 AR-1232-5

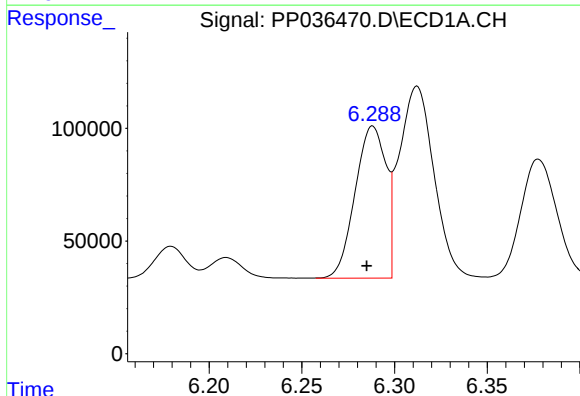
R.T.: 6.582 min
Delta R.T.: 0.004 min
Response: 474805
Conc: 1467.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



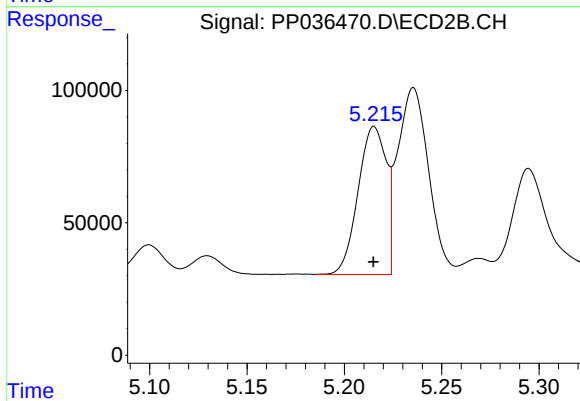
#15 AR-1232-5

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 437746
Conc: 1496.63 ng/ml



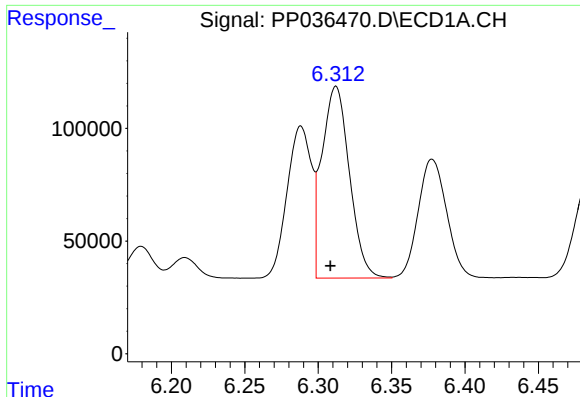
#16 AR-1242-1

R.T.: 6.288 min
Delta R.T.: 0.003 min
Response: 782890
Conc: 670.81 ng/ml



#16 AR-1242-1

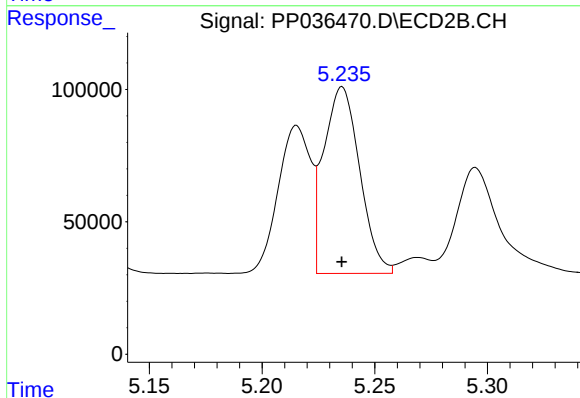
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 562336
Conc: 676.39 ng/ml



#17 AR-1242-2

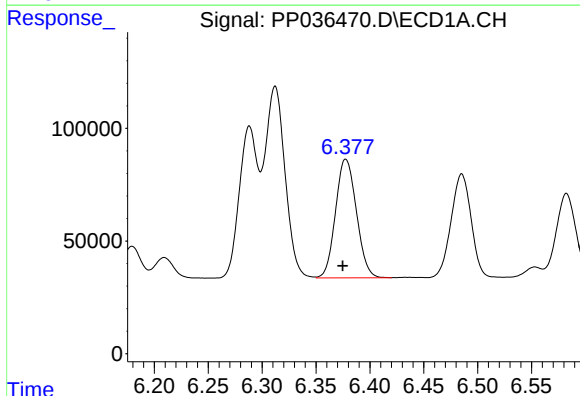
R.T.: 6.312 min
Delta R.T.: 0.004 min
Response: 1108660
Conc: 669.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



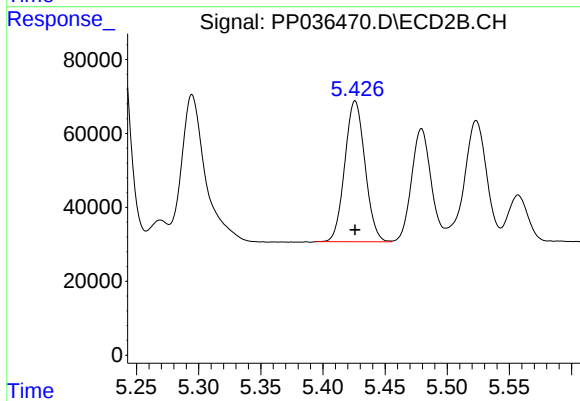
#17 AR-1242-2

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 780806
Conc: 687.31 ng/ml



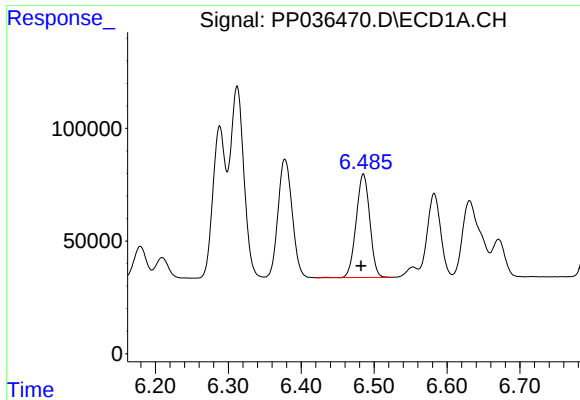
#18 AR-1242-3

R.T.: 6.378 min
Delta R.T.: 0.003 min
Response: 710308
Conc: 681.78 ng/ml



#18 AR-1242-3

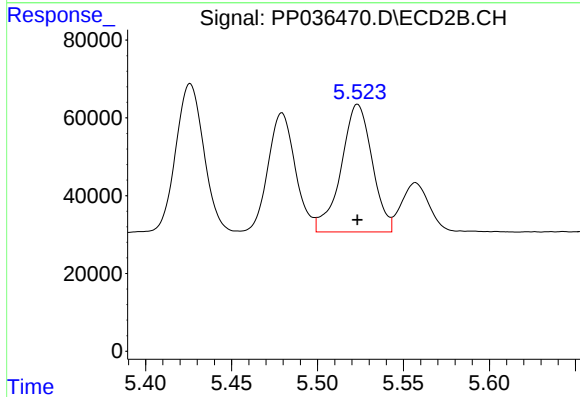
R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 431135
Conc: 692.92 ng/ml



#19 AR-1242-4

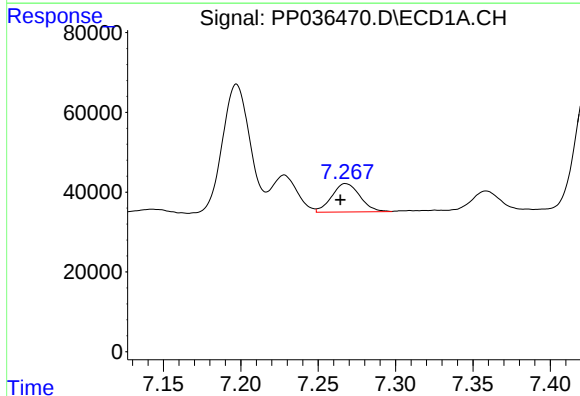
R.T.: 6.485 min
Delta R.T.: 0.003 min
Response: 594713
Conc: 680.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



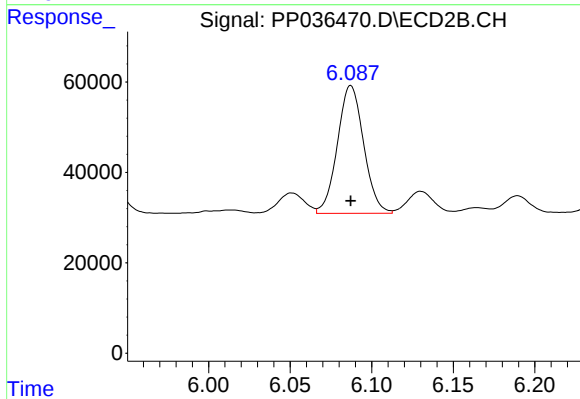
#19 AR-1242-4

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 413392
Conc: 718.53 ng/ml



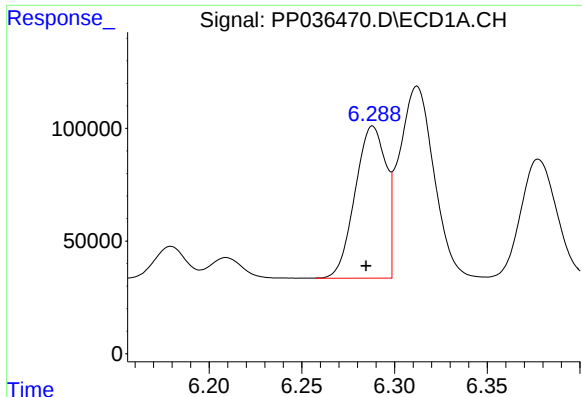
#20 AR-1242-5

R.T.: 7.268 min
Delta R.T.: 0.003 min
Response: 90090
Conc: 96.31 ng/ml



#20 AR-1242-5

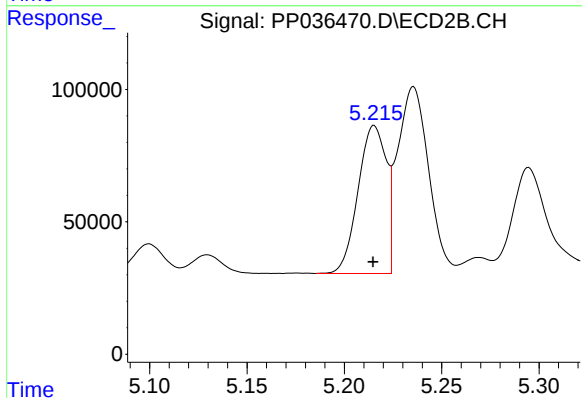
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 315988
Conc: 396.90 ng/ml



#21 AR-1248-1

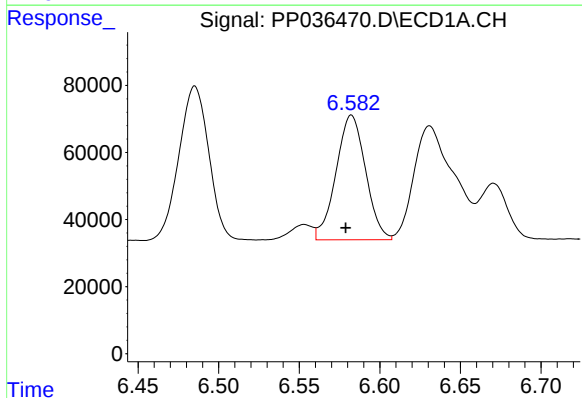
R.T.: 6.288 min
Delta R.T.: 0.003 min
Response: 782890
Conc: 848.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



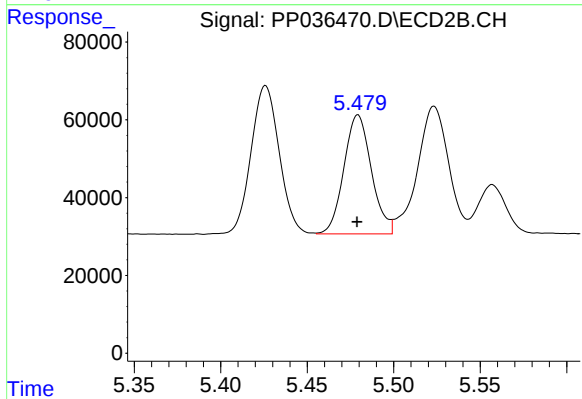
#21 AR-1248-1

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 562336
Conc: 868.35 ng/ml



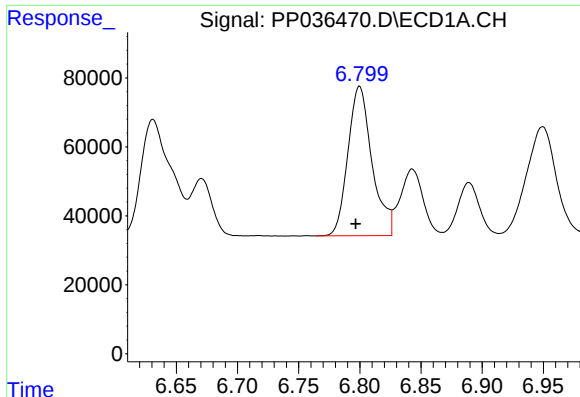
#22 AR-1248-2

R.T.: 6.582 min
Delta R.T.: 0.003 min
Response: 474805
Conc: 393.59 ng/ml



#22 AR-1248-2

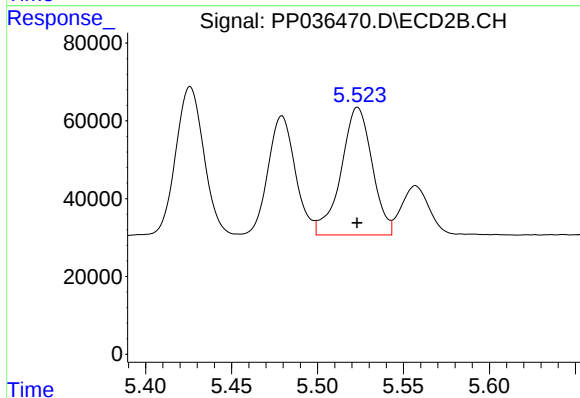
R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 337869
Conc: 394.94 ng/ml



#23 AR-1248-3

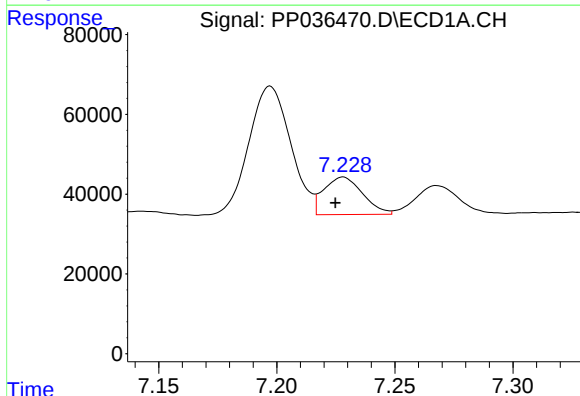
R.T.: 6.800 min
Delta R.T.: 0.003 min
Response: 594724
Conc: 416.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



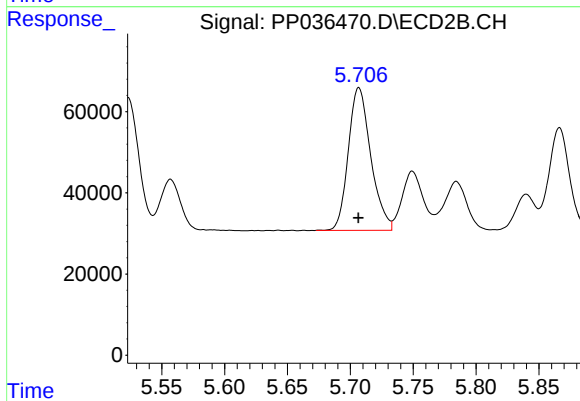
#23 AR-1248-3

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 413392
Conc: 475.37 ng/ml



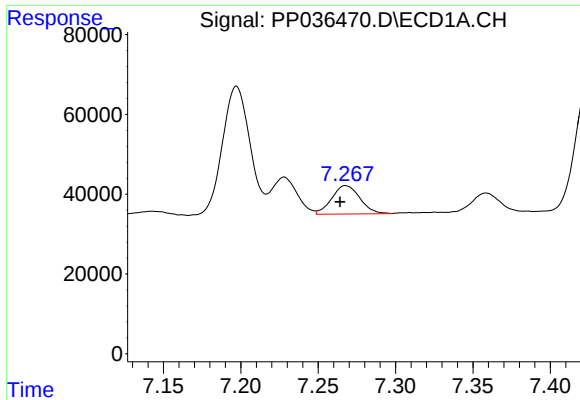
#24 AR-1248-4

R.T.: 7.228 min
Delta R.T.: 0.003 min
Response: 107282
Conc: 65.53 ng/ml



#24 AR-1248-4

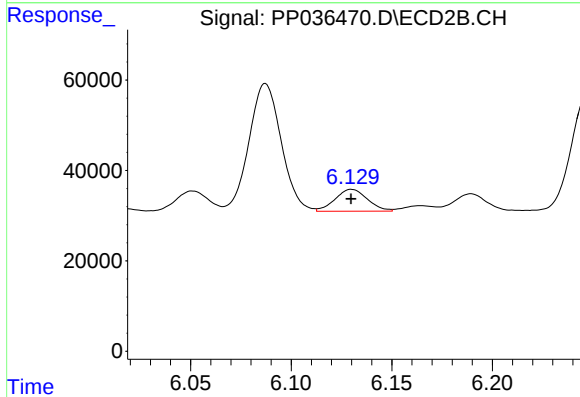
R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 437746
Conc: 408.05 ng/ml



#25 AR-1248-5

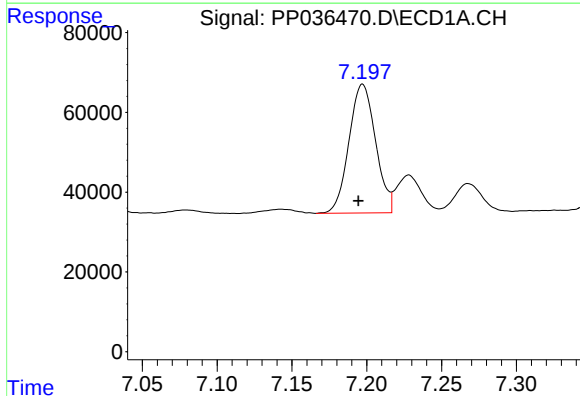
R.T.: 7.268 min
Delta R.T.: 0.004 min
Response: 90090
Conc: 56.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



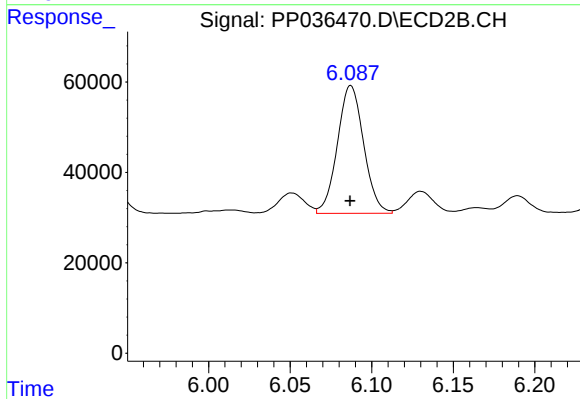
#25 AR-1248-5

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 54165
Conc: 49.48 ng/ml



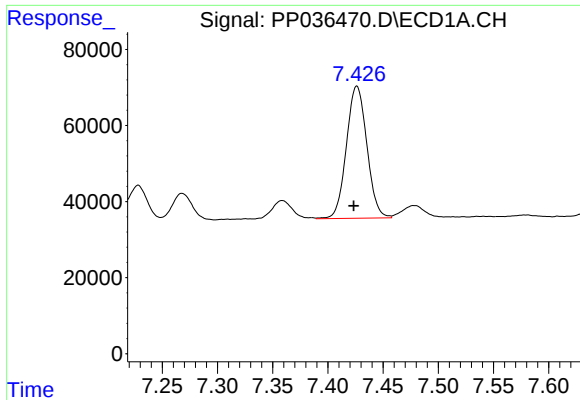
#26 AR-1254-1

R.T.: 7.197 min
Delta R.T.: 0.003 min
Response: 399430
Conc: 242.63 ng/ml



#26 AR-1254-1

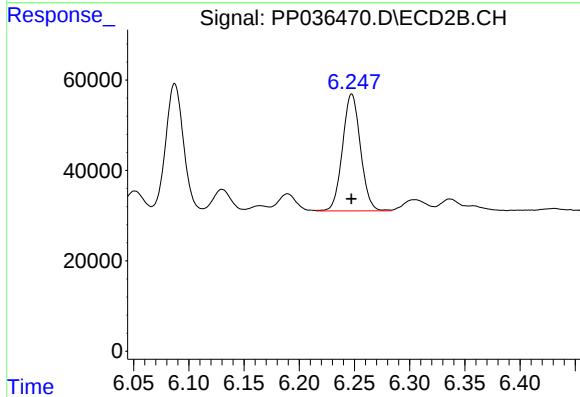
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 315988
Conc: 194.00 ng/ml



#27 AR-1254-2

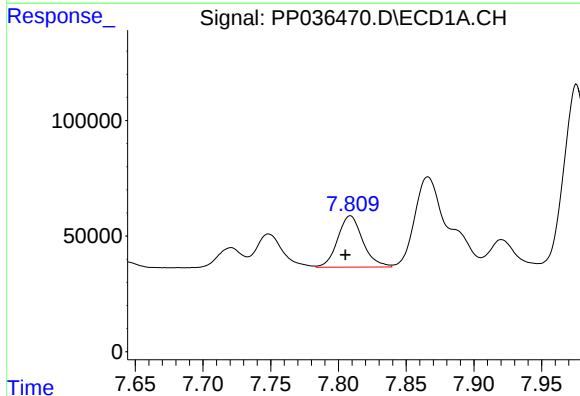
R.T.: 7.426 min
Delta R.T.: 0.003 min
Response: 448643
Conc: 176.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



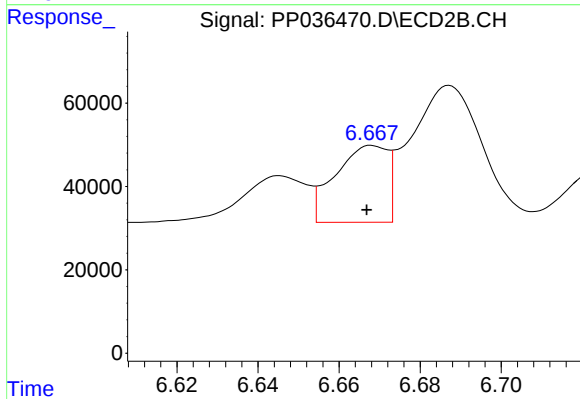
#27 AR-1254-2

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 293501
Conc: 199.49 ng/ml



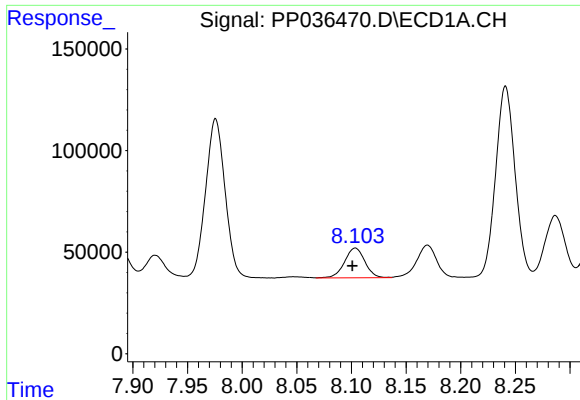
#28 AR-1254-3

R.T.: 7.809 min
Delta R.T.: 0.004 min
Response: 287001
Conc: 103.40 ng/ml



#28 AR-1254-3

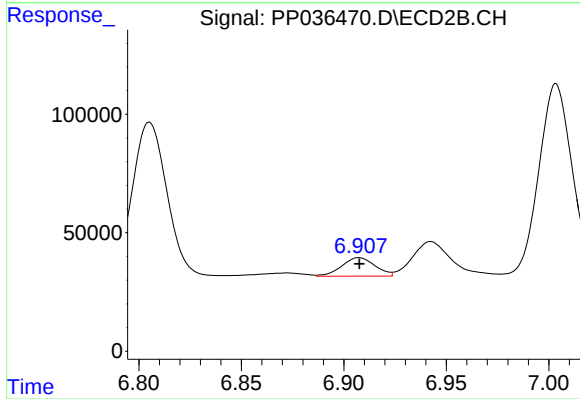
R.T.: 6.668 min
Delta R.T.: 0.001 min
Response: 165062
Conc: 68.66 ng/ml



#29 AR-1254-4

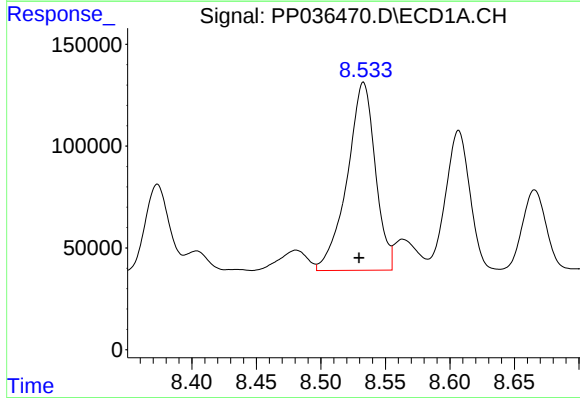
R.T.: 8.104 min
Delta R.T.: 0.003 min
Response: 190427
Conc: 92.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



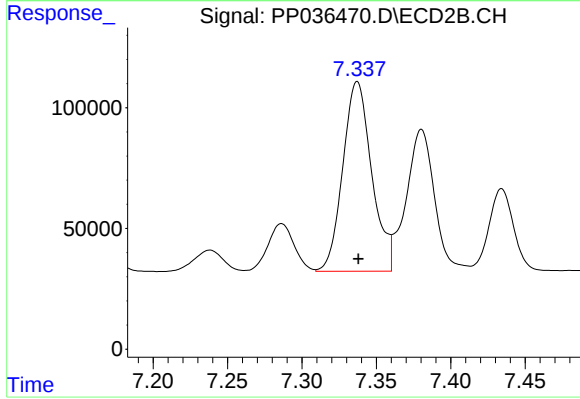
#29 AR-1254-4

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 88123
Conc: 55.98 ng/ml



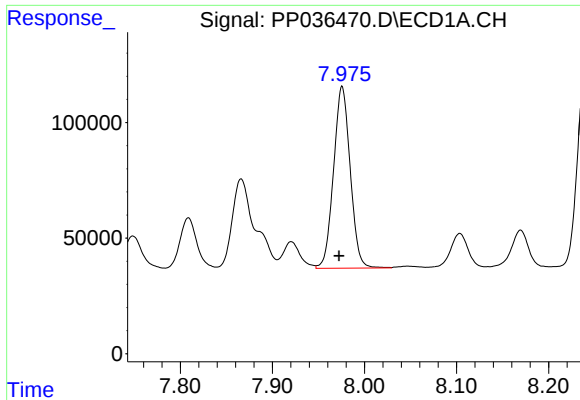
#30 AR-1254-5

R.T.: 8.533 min
Delta R.T.: 0.003 min
Response: 1400831
Conc: 601.56 ng/ml



#30 AR-1254-5

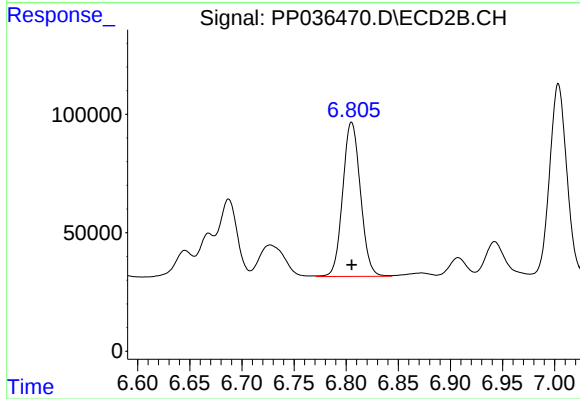
R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 1061976
Conc: 480.33 ng/ml



#31 AR-1260-1

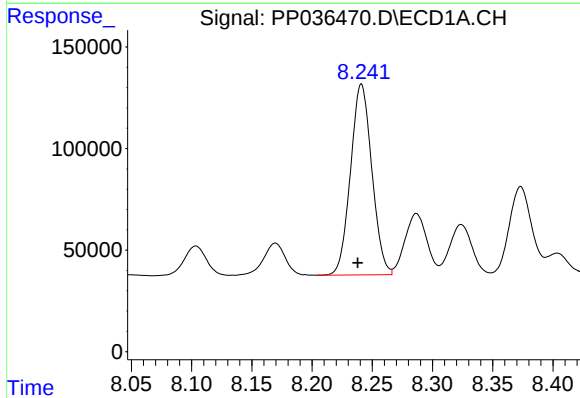
R.T.: 7.976 min
Delta R.T.: 0.003 min
Response: 987438
Conc: 550.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



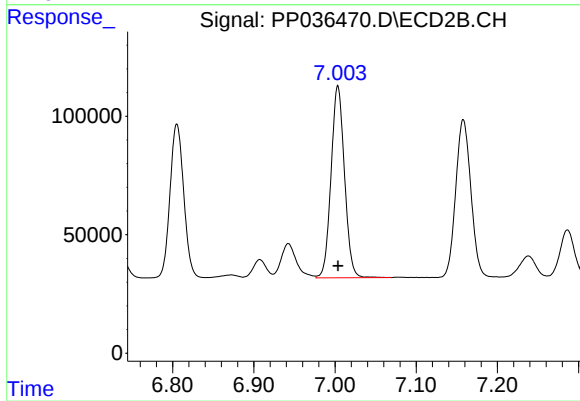
#31 AR-1260-1

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 770909
Conc: 513.52 ng/ml



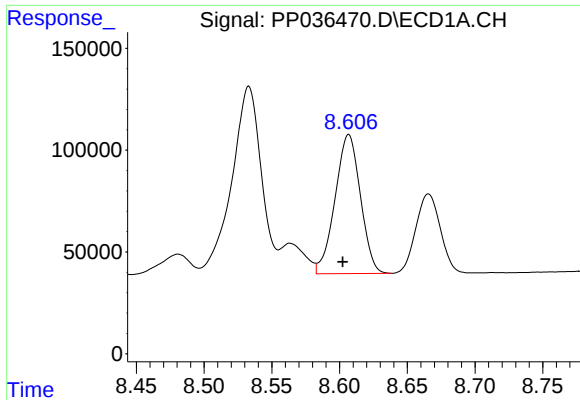
#32 AR-1260-2

R.T.: 8.241 min
Delta R.T.: 0.003 min
Response: 1157639
Conc: 497.04 ng/ml



#32 AR-1260-2

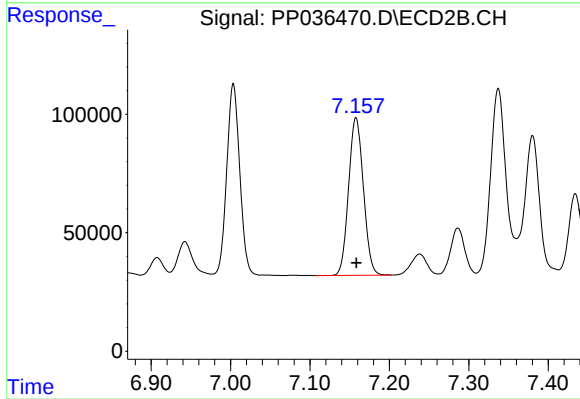
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 930881
Conc: 499.05 ng/ml



#33 AR-1260-3

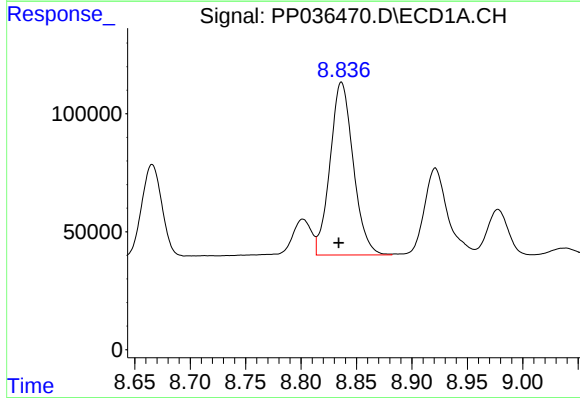
R.T.: 8.607 min
Delta R.T.: 0.004 min
Response: 890716
Conc: 509.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



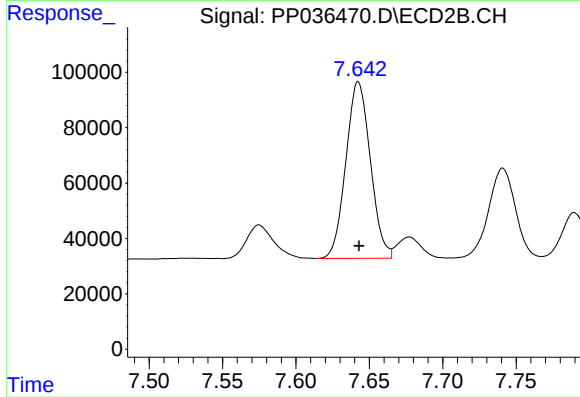
#33 AR-1260-3

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 862104
Conc: 463.97 ng/ml



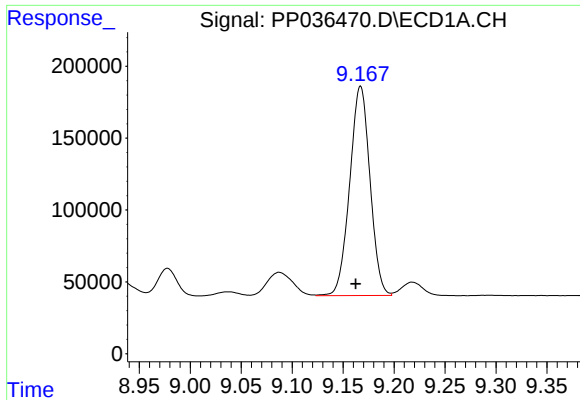
#34 AR-1260-4

R.T.: 8.836 min
Delta R.T.: 0.003 min
Response: 1067814
Conc: 571.64 ng/ml



#34 AR-1260-4

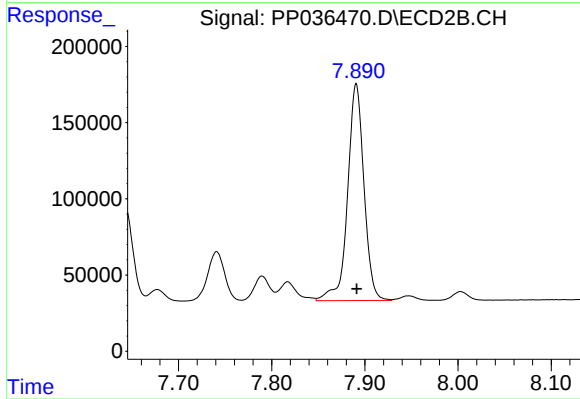
R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 740099
Conc: 489.45 ng/ml



#35 AR-1260-5

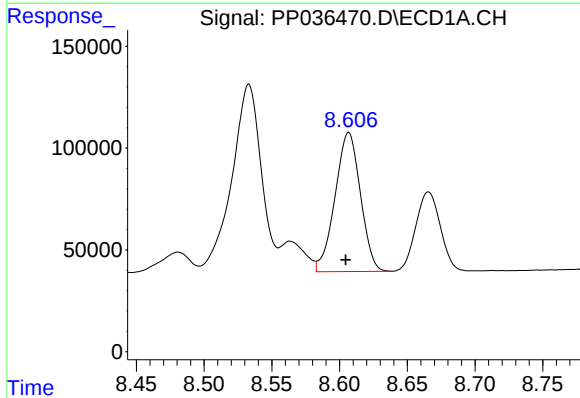
R.T.: 9.167 min
Delta R.T.: 0.005 min
Response: 2017754
Conc: 537.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



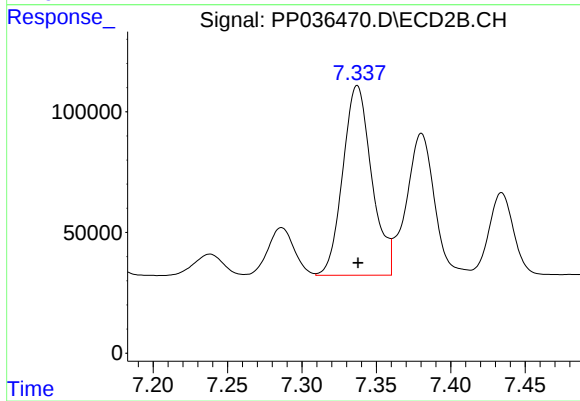
#35 AR-1260-5

R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 1736085
Conc: 469.80 ng/ml



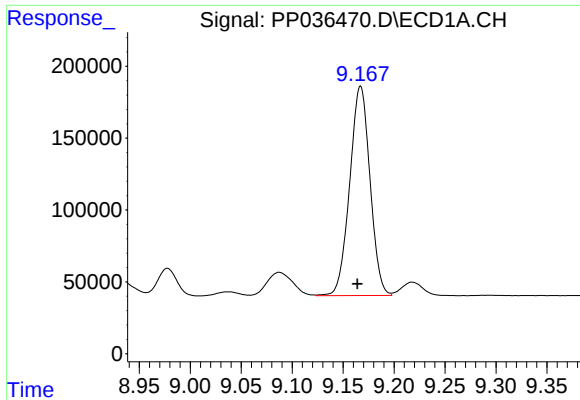
#36 AR-1262-1

R.T.: 8.607 min
Delta R.T.: 0.002 min
Response: 890716
Conc: 331.33 ng/ml



#36 AR-1262-1

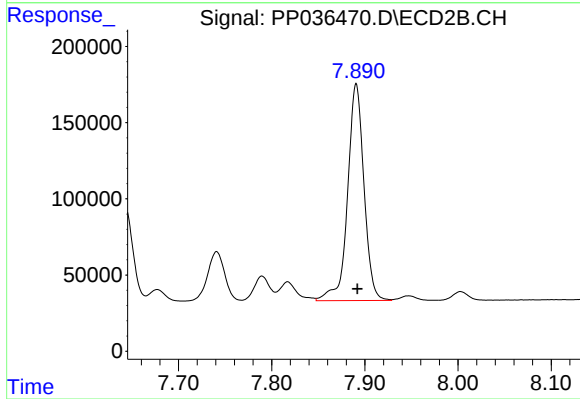
R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 1061976
Conc: 890.83 ng/ml



#37 AR-1262-2

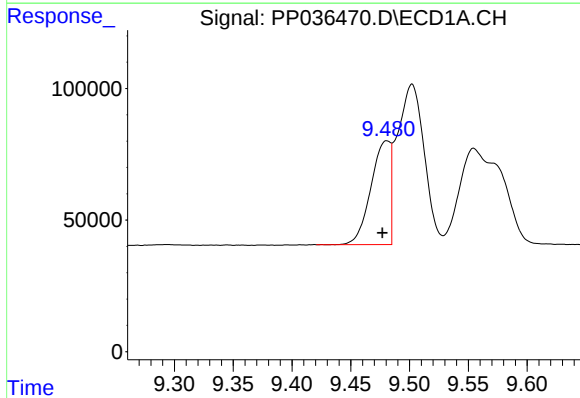
R.T.: 9.167 min
Delta R.T.: 0.003 min
Response: 2017754
Conc: 422.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



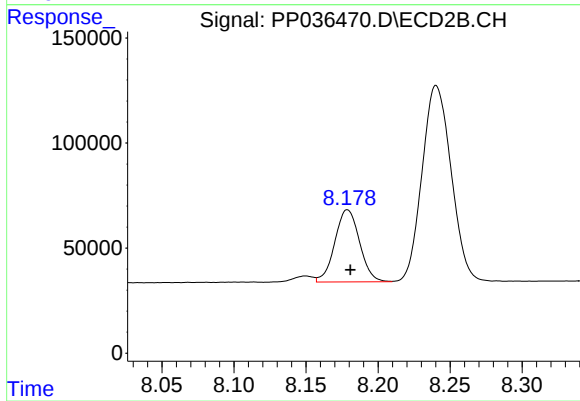
#37 AR-1262-2

R.T.: 7.891 min
Delta R.T.: -0.001 min
Response: 1736085
Conc: 419.36 ng/ml



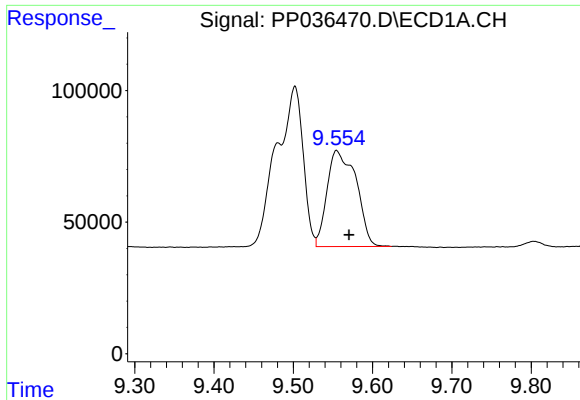
#38 AR-1262-3

R.T.: 9.481 min
Delta R.T.: 0.004 min
Response: 452891
Conc: 132.17 ng/ml



#38 AR-1262-3

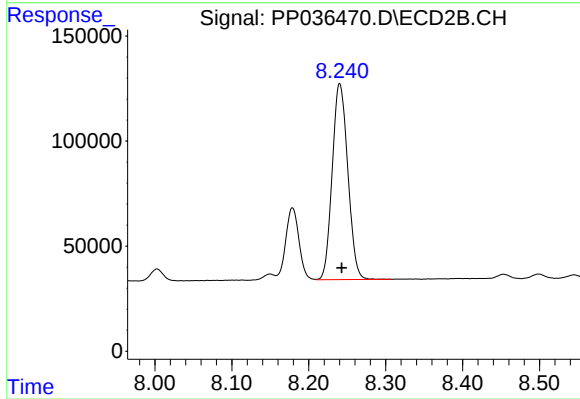
R.T.: 8.179 min
Delta R.T.: -0.002 min
Response: 412254
Conc: 240.62 ng/ml



#39 AR-1262-4

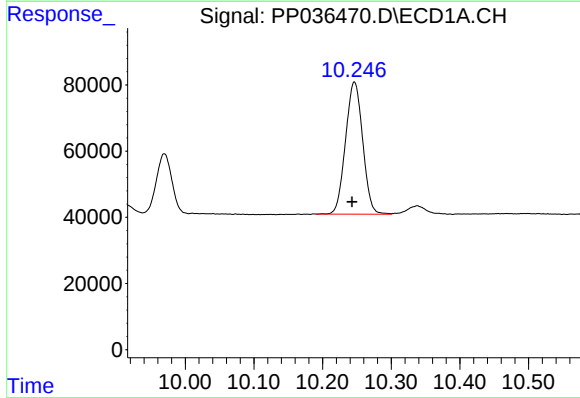
R.T.: 9.555 min
Delta R.T.: -0.016 min
Response: 930508
Conc: 347.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



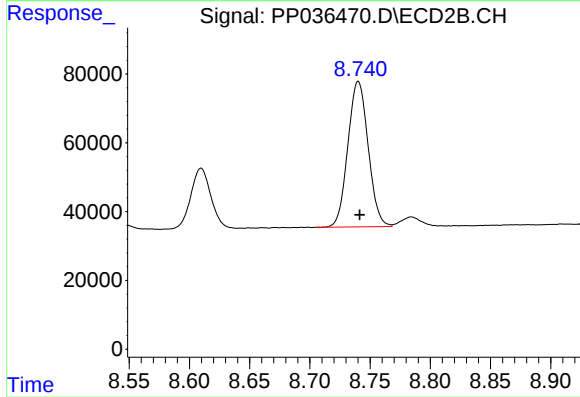
#39 AR-1262-4

R.T.: 8.240 min
Delta R.T.: -0.003 min
Response: 1313436
Conc: 418.66 ng/ml



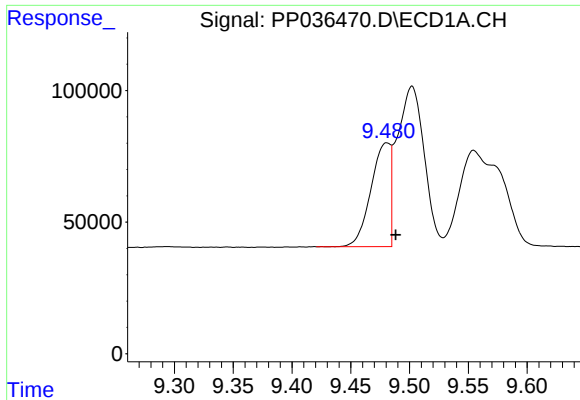
#40 AR-1262-5

R.T.: 10.246 min
Delta R.T.: 0.003 min
Response: 694588
Conc: 358.77 ng/ml



#40 AR-1262-5

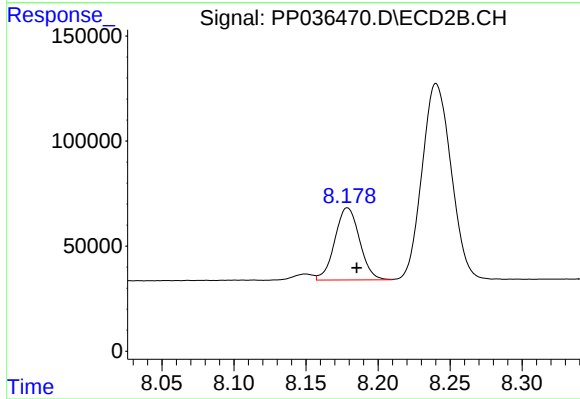
R.T.: 8.740 min
Delta R.T.: -0.001 min
Response: 496231
Conc: 335.50 ng/ml



#41 AR-1268-1

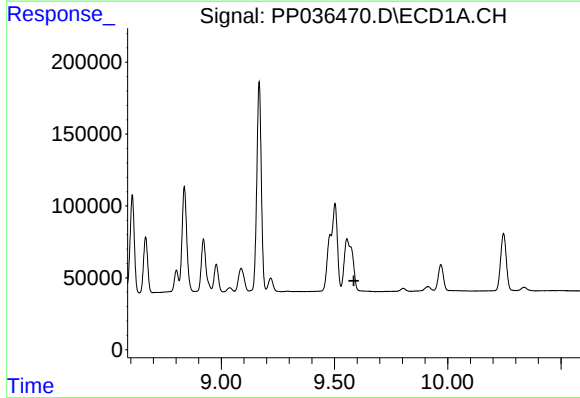
R.T.: 9.481 min
Delta R.T.: -0.007 min
Response: 452891
Conc: 86.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



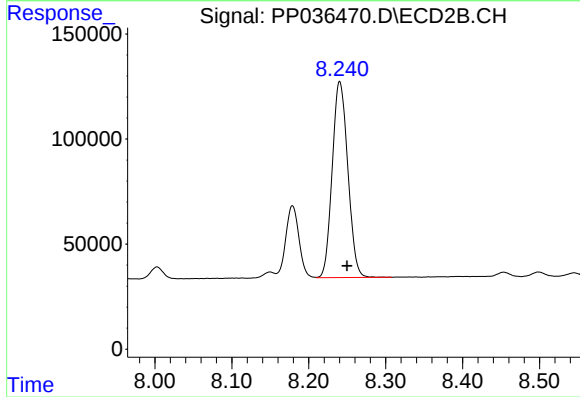
#41 AR-1268-1

R.T.: 8.179 min
Delta R.T.: -0.006 min
Response: 412254
Conc: 89.29 ng/ml



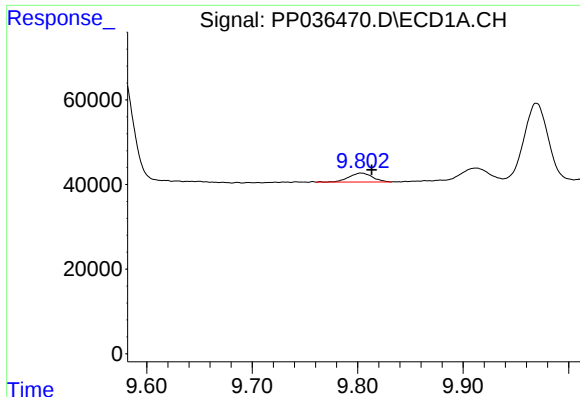
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.586 min
Response: 0
Conc: N.D.



#42 AR-1268-2

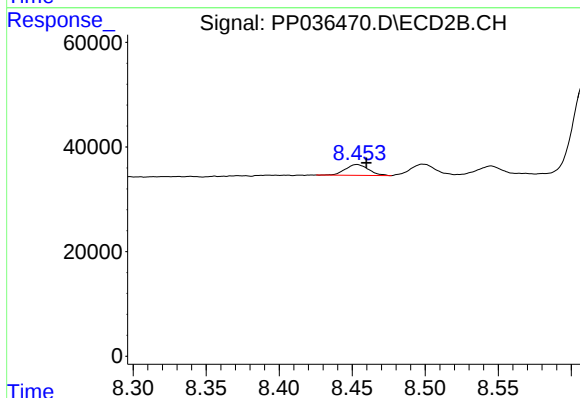
R.T.: 8.240 min
Delta R.T.: -0.010 min
Response: 1313436
Conc: 305.34 ng/ml



#43 AR-1268-3

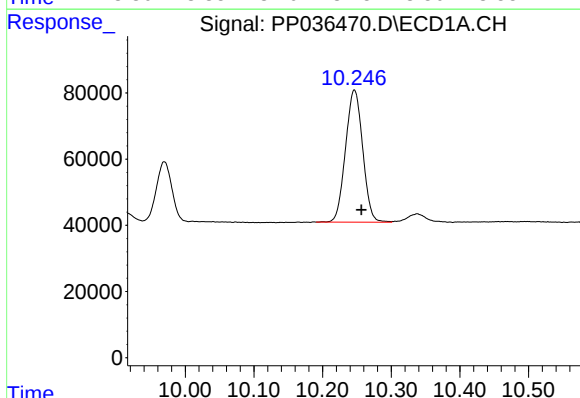
R.T.: 9.803 min
Delta R.T.: -0.010 min
Response: 32783
Conc: 7.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



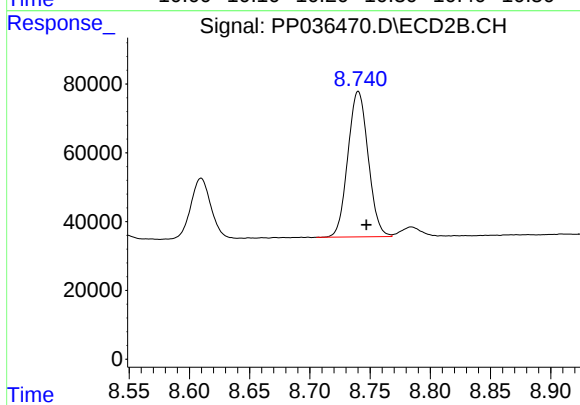
#43 AR-1268-3

R.T.: 8.453 min
Delta R.T.: -0.006 min
Response: 22676
Conc: 6.11 ng/ml



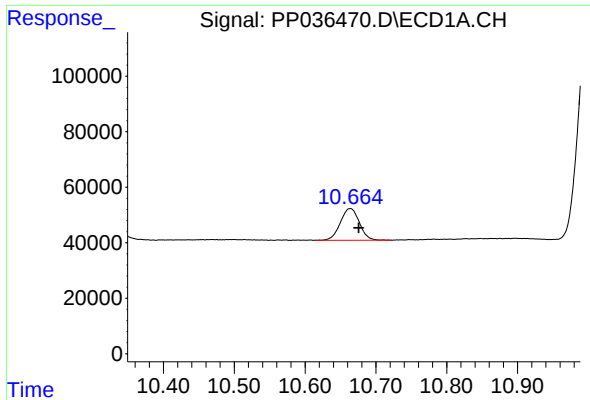
#44 AR-1268-4

R.T.: 10.246 min
Delta R.T.: -0.010 min
Response: 694588
Conc: 354.82 ng/ml



#44 AR-1268-4

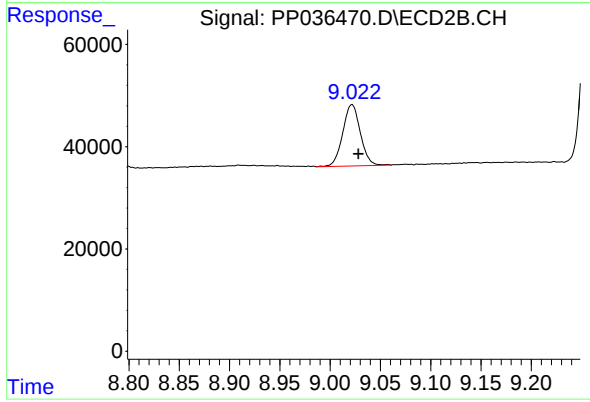
R.T.: 8.740 min
Delta R.T.: -0.007 min
Response: 496231
Conc: 319.37 ng/ml



#45 AR-1268-5

R.T.: 10.664 min
Delta R.T.: -0.012 min
Response: 212915
Conc: 15.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.022 min
Delta R.T.: -0.006 min
Response: 145793
Conc: 11.85 ng/ml