

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100421\
 Data File : PP039798.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Oct 2021 1:52
 Operator : AJ\MA
 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: Oct 05 05:27:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 25 01:28:12 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...	4.903	3.993	1562652	845643	49.361	51.898
2)	SA Decachlor...	10.922	9.323	1137738	1112942	52.445	50.930
Target Compounds							
3)	L1 AR-1016-1	6.224	5.255	532610	346310	496.755	480.530
4)	L1 AR-1016-2	6.248	5.276	768438	478776	489.866	485.243
5)	L1 AR-1016-3	6.314	5.469	482815	264812	493.080	485.729
6)	L1 AR-1016-4	6.421	5.521	393016	216099	501.944	487.711
7)	L1 AR-1016-5	6.736	5.751	389528	255484	526.283	462.130
8)	L2 AR-1221-1	5.147	4.252	53884	32782	143.575	162.710
9)	L2 AR-1221-2	5.251	4.352	59844	48307	219.826	283.470 #
10)	L2 AR-1221-3	5.338	4.442	298347	194710	348.520	360.123
11)	L3 AR-1232-1	5.338	4.442	298347	194710	466.170	481.487
12)	L3 AR-1232-2	5.928	5.276	404013	478776	1122.287	1146.513
13)	L3 AR-1232-3	6.248	5.469	768438	264812	1180.976	1193.645
14)	L3 AR-1232-4	6.421	5.565	393016	268076	1172.491	1142.201
15)	L3 AR-1232-5	6.519	5.751	312174	255484	1354.505	1169.527
16)	L4 AR-1242-1	6.224	5.255	532610	346310	658.106	645.652
17)	L4 AR-1242-2	6.248	5.276	768438	478776	658.778	653.713
18)	L4 AR-1242-3	6.314	5.469	482815	264812	658.743	643.105
19)	L4 AR-1242-4	6.421	5.565	393016	268076	657.133	634.588
20)	L4 AR-1242-5	7.206	6.132	68920	214906	110.968	404.985 #
21)	L5 AR-1248-1	6.224	5.255	532610	346310	829.417	797.447
22)	L5 AR-1248-2	6.519	5.521	312174	216099	378.316	364.665
23)	L5 AR-1248-3	6.736	5.565	389528	268076	396.034	442.428
24)	L5 AR-1248-4	7.166	5.751	79927	255484	73.626	375.196 #
25)	L5 AR-1248-5	7.206	6.176	68920	34418	66.046	48.828 #
26)	L6 AR-1254-1	7.135	6.132	306007	214906	280.352	206.416 #
27)	L6 AR-1254-2	7.364	6.292	303502	205803	187.896	213.554
28)	L6 AR-1254-3	7.748	6.733	195136	377608	117.279	251.010 #
29)	L6 AR-1254-4	8.042	6.955	150506	49314	123.210	51.212 #
30)	L6 AR-1254-5	8.472	7.385	837041	733868	659.710	521.385
31)	L7 AR-1260-1	7.915	6.853	685716	528597	558.005	490.845
32)	L7 AR-1260-2	8.181	7.050	738916	641130	533.732	500.571
33)	L7 AR-1260-3	8.546	7.206	468113	595657	565.959	495.126
34)	L7 AR-1260-4	8.777	7.692	545083	478291	546.742	513.555
35)	L7 AR-1260-5	9.102	7.939	994692	1084587	524.908	505.651
36)	L8 AR-1262-1	8.546	7.385	468113	733868	350.573	1040.968 #
37)	L8 AR-1262-2	9.102	7.939	994692	1084587	452.223	477.426
38)	L8 AR-1262-3	9.434f	8.227	681338	244446	697.957	240.505 #
39)	L8 AR-1262-4	9.487f	8.290	407557	825690	681.361	459.689 #
40)	L8 AR-1262-5	10.172	8.790	287169	304761	368.854	334.735
41)	L9 AR-1268-1	9.434f	8.227	681338	244446	253.012	83.832 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

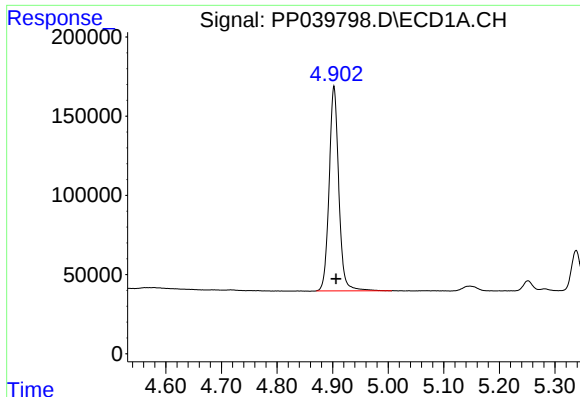
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 05:27:14 2021
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 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	9.487f	8.290	407557	825690	158.223	309.746 #
43) L9	AR-1268-3	0.000	8.501	0	14984	N.D.	6.531 #
44) L9	AR-1268-4	10.172	8.790	287169	304761	312.599	296.088
45) L9	AR-1268-5	10.585	9.074	102740	92579	13.128	12.616

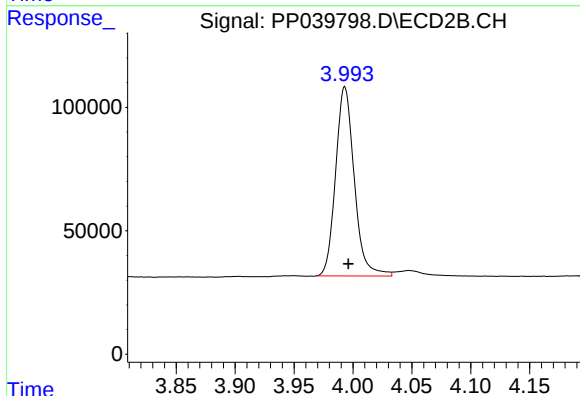
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

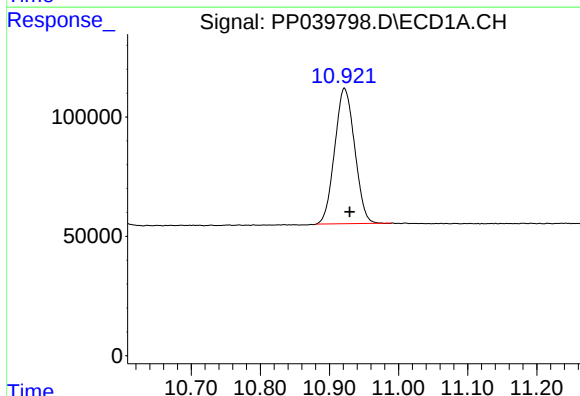
R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 1562652
Conc: 49.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



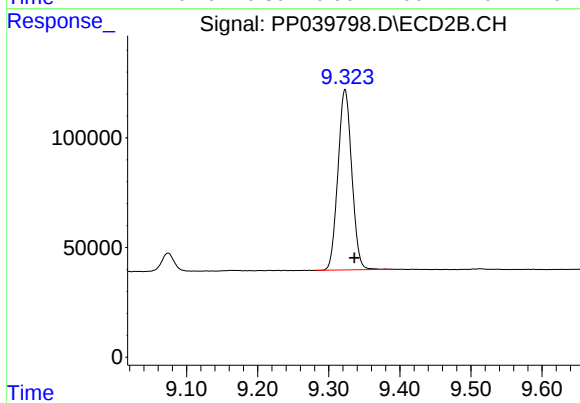
#1 Tetrachloro-m-xylene

R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 845643
Conc: 51.90 ng/ml



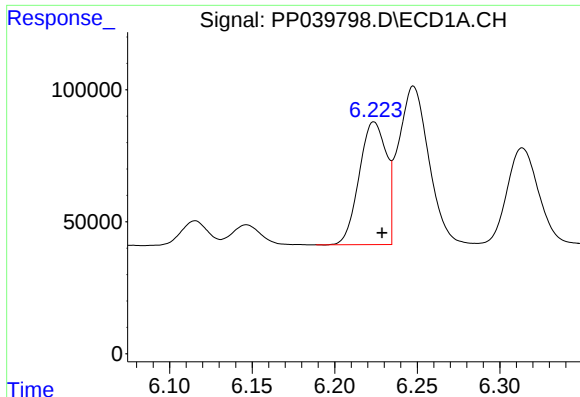
#2 Decachlorobiphenyl

R.T.: 10.922 min
Delta R.T.: -0.008 min
Response: 1137738
Conc: 52.45 ng/ml



#2 Decachlorobiphenyl

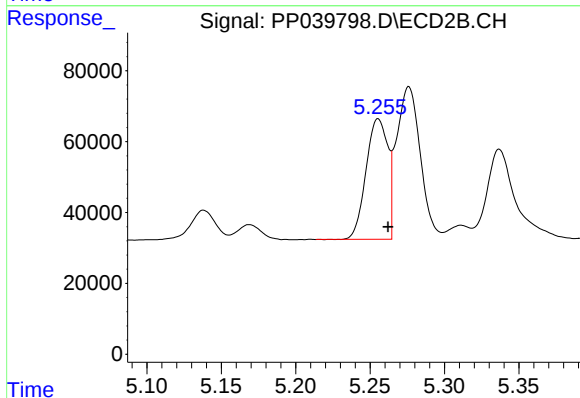
R.T.: 9.323 min
Delta R.T.: -0.013 min
Response: 1112942
Conc: 50.93 ng/ml



#3 AR-1016-1

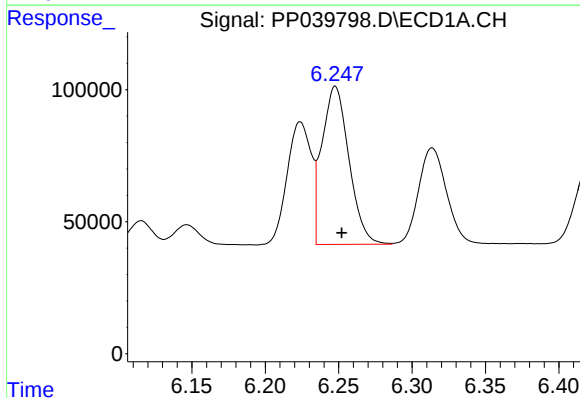
R.T.: 6.224 min
Delta R.T.: -0.005 min
Response: 532610
Conc: 496.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



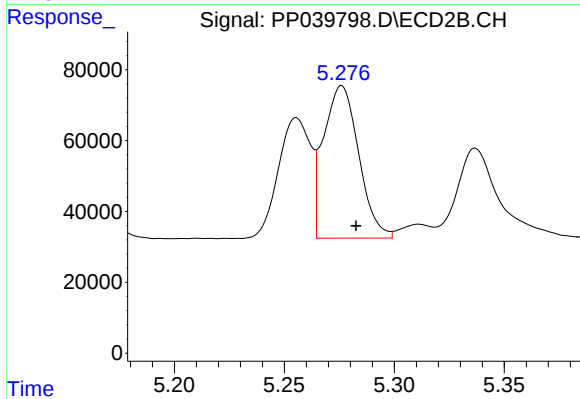
#3 AR-1016-1

R.T.: 5.255 min
Delta R.T.: -0.007 min
Response: 346310
Conc: 480.53 ng/ml



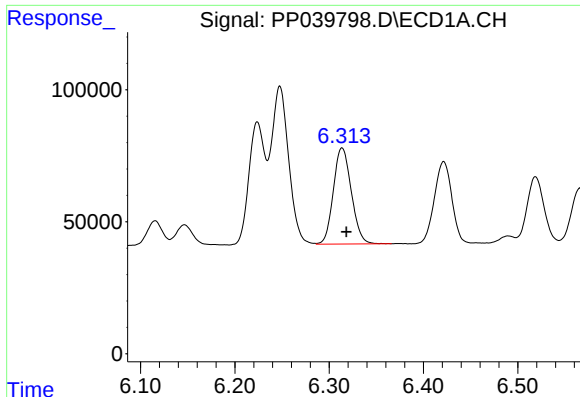
#4 AR-1016-2

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 768438
Conc: 489.87 ng/ml



#4 AR-1016-2

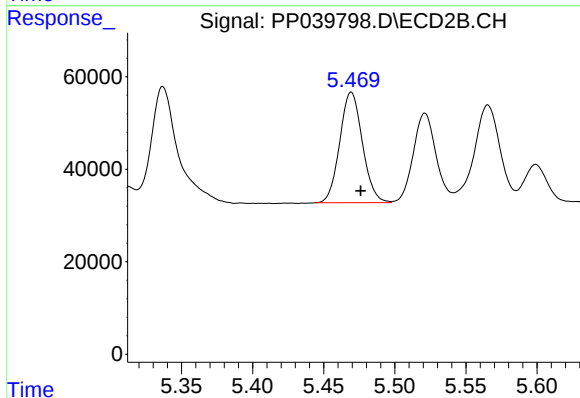
R.T.: 5.276 min
Delta R.T.: -0.007 min
Response: 478776
Conc: 485.24 ng/ml



#5 AR-1016-3

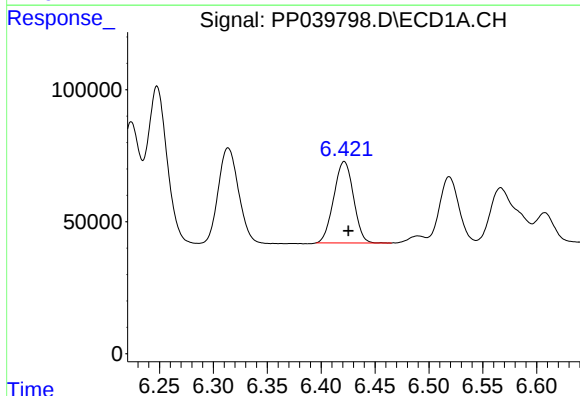
R.T.: 6.314 min
Delta R.T.: -0.005 min
Response: 482815
Conc: 493.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



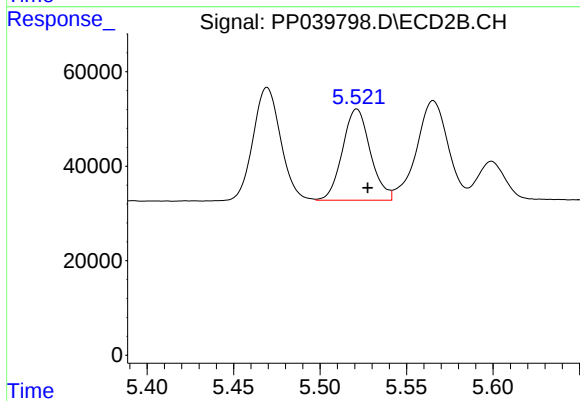
#5 AR-1016-3

R.T.: 5.469 min
Delta R.T.: -0.007 min
Response: 264812
Conc: 485.73 ng/ml



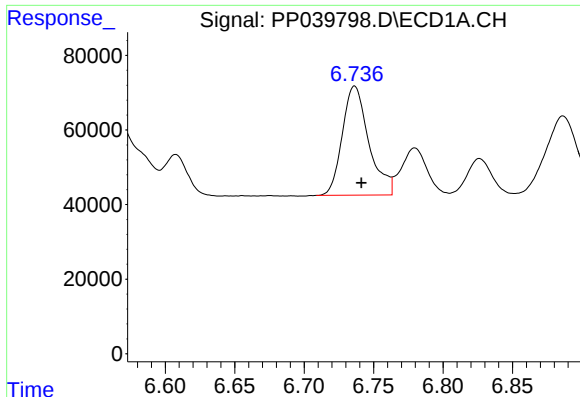
#6 AR-1016-4

R.T.: 6.421 min
Delta R.T.: -0.004 min
Response: 393016
Conc: 501.94 ng/ml



#6 AR-1016-4

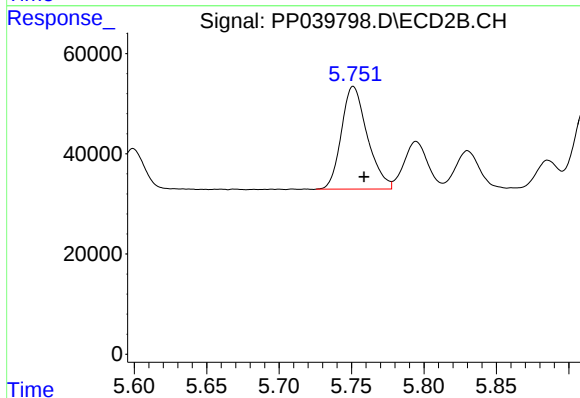
R.T.: 5.521 min
Delta R.T.: -0.006 min
Response: 216099
Conc: 487.71 ng/ml



#7 AR-1016-5

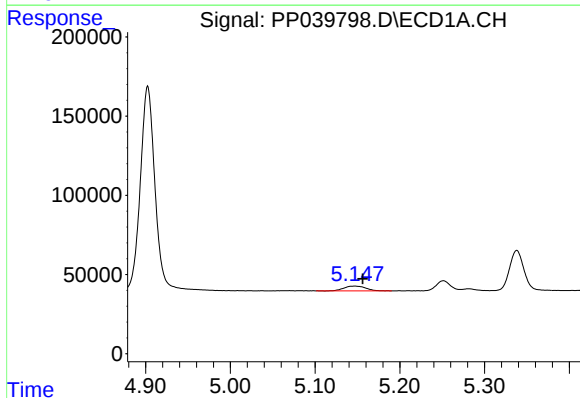
R.T.: 6.736 min
Delta R.T.: -0.005 min
Response: 389528
Conc: 526.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



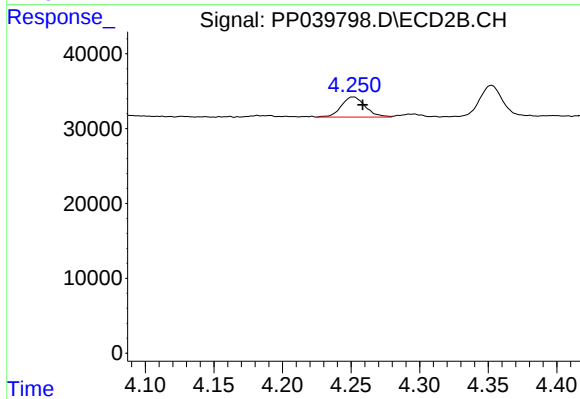
#7 AR-1016-5

R.T.: 5.751 min
Delta R.T.: -0.007 min
Response: 255484
Conc: 462.13 ng/ml



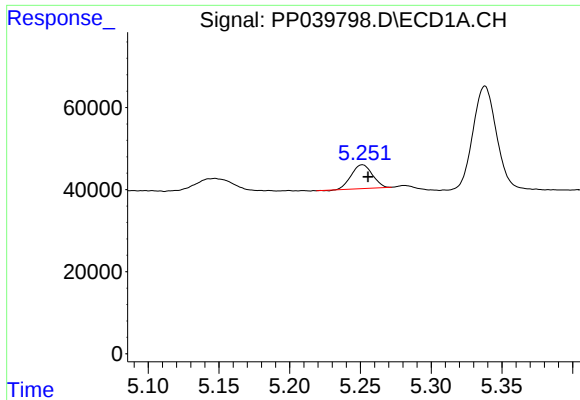
#8 AR-1221-1

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 53884
Conc: 143.57 ng/ml



#8 AR-1221-1

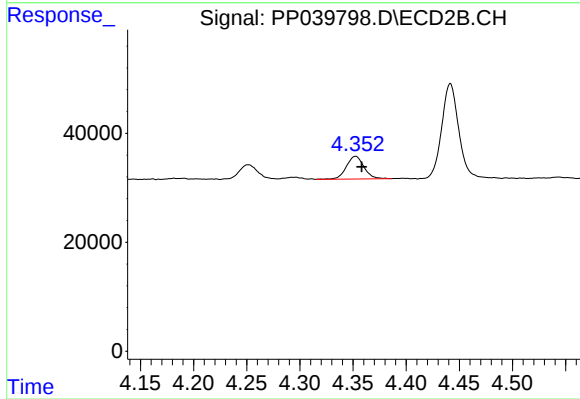
R.T.: 4.252 min
Delta R.T.: -0.007 min
Response: 32782
Conc: 162.71 ng/ml



#9 AR-1221-2

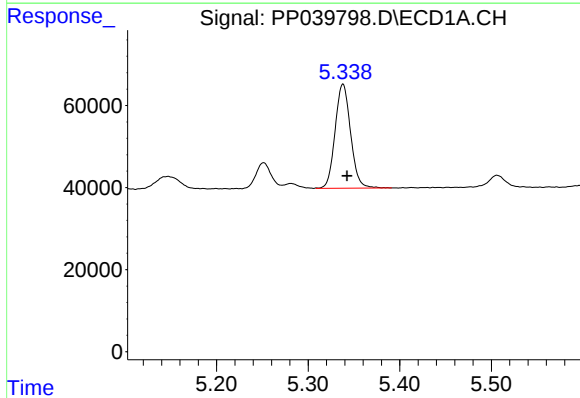
R.T.: 5.251 min
Delta R.T.: -0.004 min
Response: 59844
Conc: 219.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



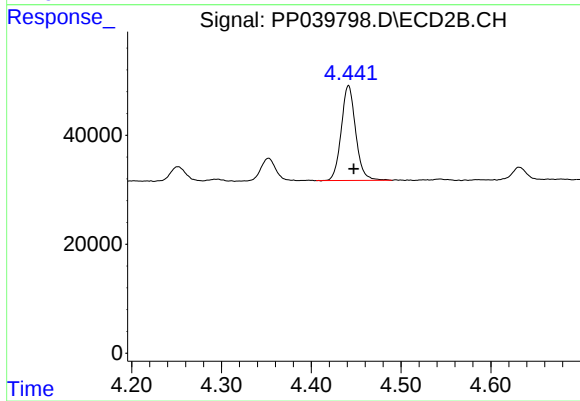
#9 AR-1221-2

R.T.: 4.352 min
Delta R.T.: -0.006 min
Response: 48307
Conc: 283.47 ng/ml



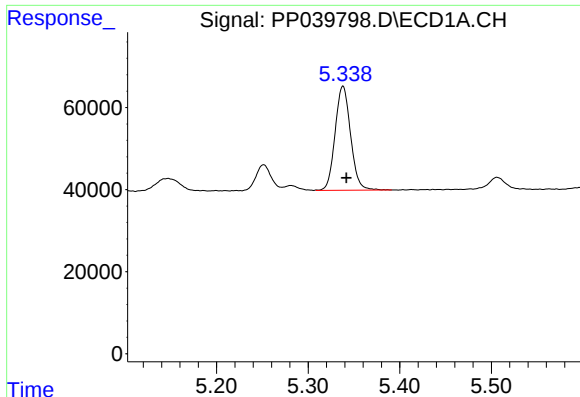
#10 AR-1221-3

R.T.: 5.338 min
Delta R.T.: -0.005 min
Response: 298347
Conc: 348.52 ng/ml



#10 AR-1221-3

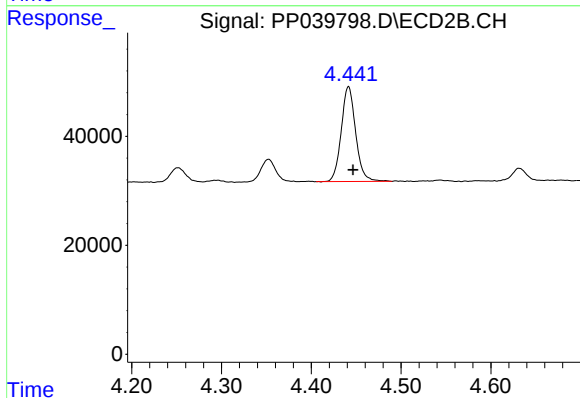
R.T.: 4.442 min
Delta R.T.: -0.006 min
Response: 194710
Conc: 360.12 ng/ml



#11 AR-1232-1

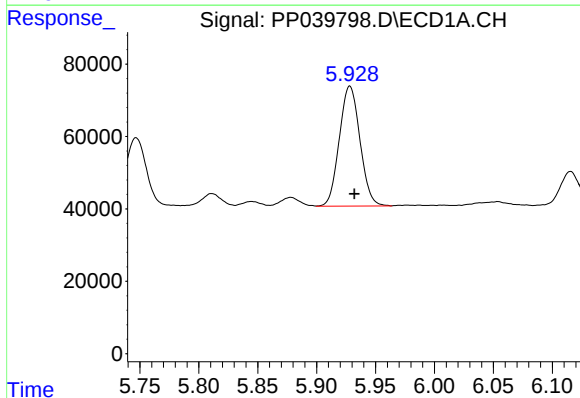
R.T.: 5.338 min
Delta R.T.: -0.004 min
Response: 298347
Conc: 466.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



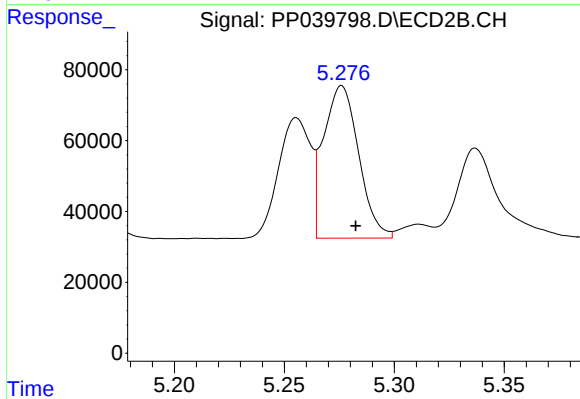
#11 AR-1232-1

R.T.: 4.442 min
Delta R.T.: -0.005 min
Response: 194710
Conc: 481.49 ng/ml



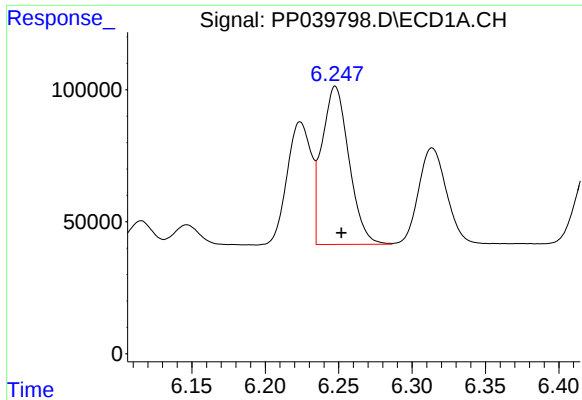
#12 AR-1232-2

R.T.: 5.928 min
Delta R.T.: -0.004 min
Response: 404013
Conc: 1122.29 ng/ml



#12 AR-1232-2

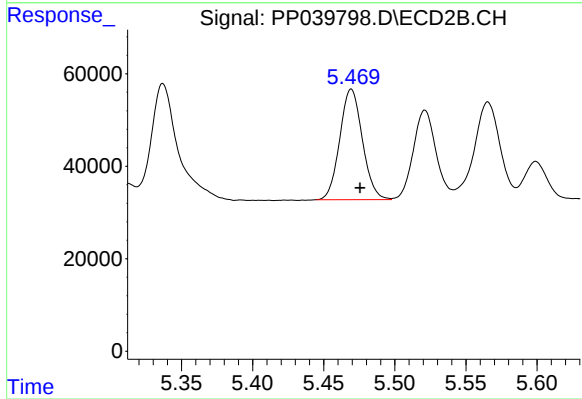
R.T.: 5.276 min
Delta R.T.: -0.006 min
Response: 478776
Conc: 1146.51 ng/ml



#13 AR-1232-3

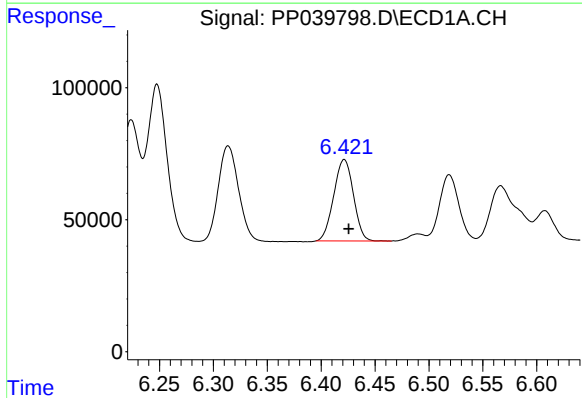
R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 768438
Conc: 1180.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



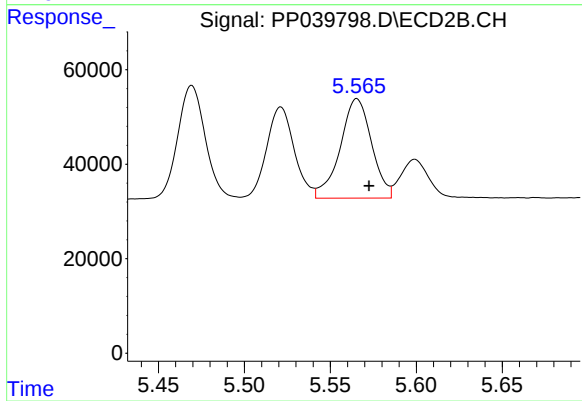
#13 AR-1232-3

R.T.: 5.469 min
Delta R.T.: -0.006 min
Response: 264812
Conc: 1193.64 ng/ml



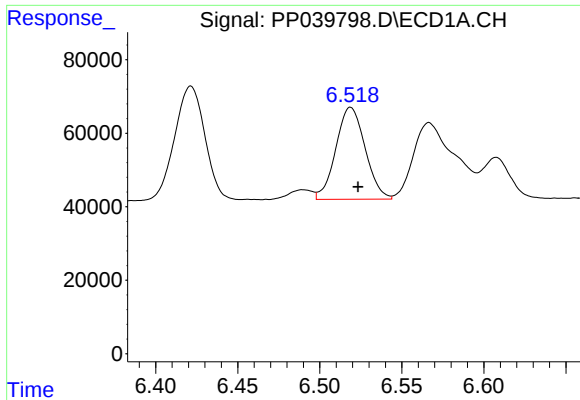
#14 AR-1232-4

R.T.: 6.421 min
Delta R.T.: -0.004 min
Response: 393016
Conc: 1172.49 ng/ml



#14 AR-1232-4

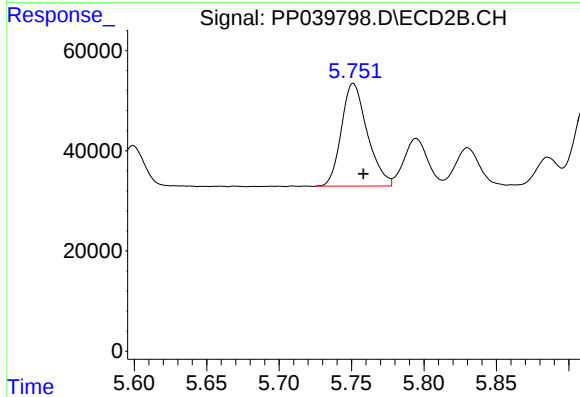
R.T.: 5.565 min
Delta R.T.: -0.007 min
Response: 268076
Conc: 1142.20 ng/ml



#15 AR-1232-5

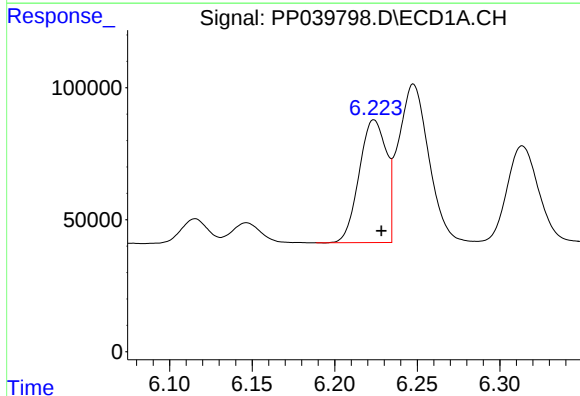
R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 312174
Conc: 1354.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



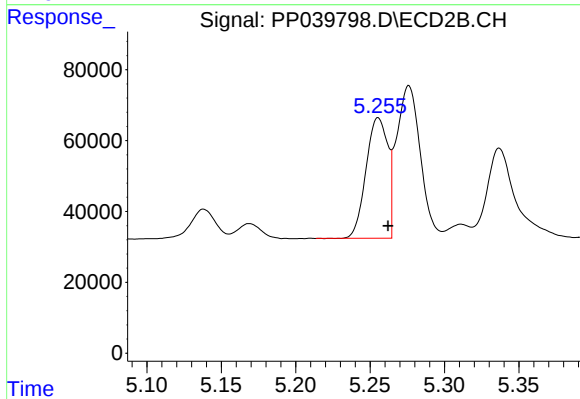
#15 AR-1232-5

R.T.: 5.751 min
Delta R.T.: -0.007 min
Response: 255484
Conc: 1169.53 ng/ml



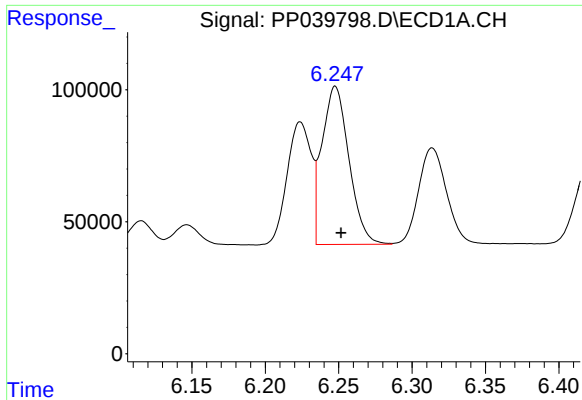
#16 AR-1242-1

R.T.: 6.224 min
Delta R.T.: -0.005 min
Response: 532610
Conc: 658.11 ng/ml



#16 AR-1242-1

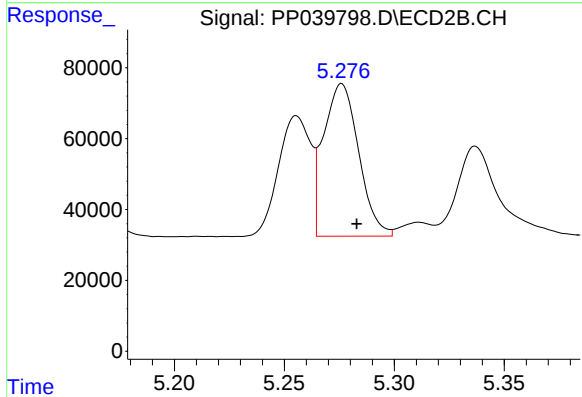
R.T.: 5.255 min
Delta R.T.: -0.006 min
Response: 346310
Conc: 645.65 ng/ml



#17 AR-1242-2

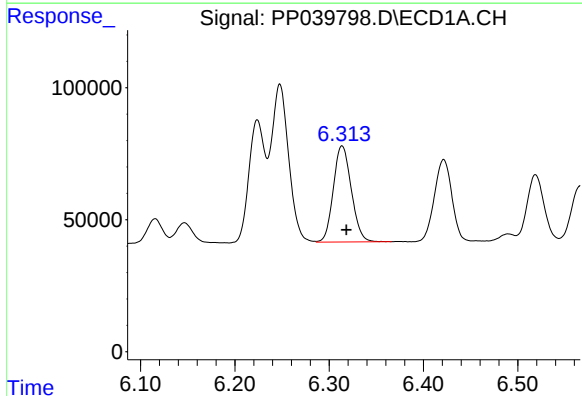
R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 768438
Conc: 658.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



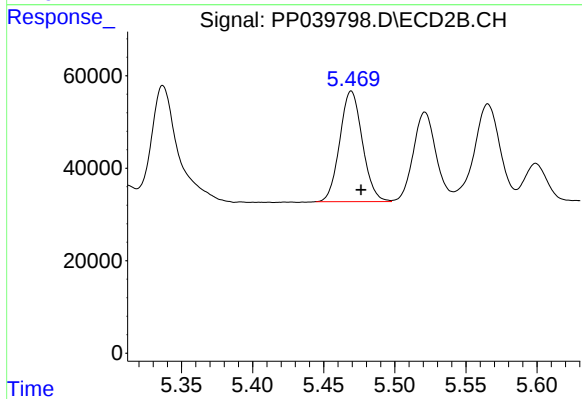
#17 AR-1242-2

R.T.: 5.276 min
Delta R.T.: -0.007 min
Response: 478776
Conc: 653.71 ng/ml



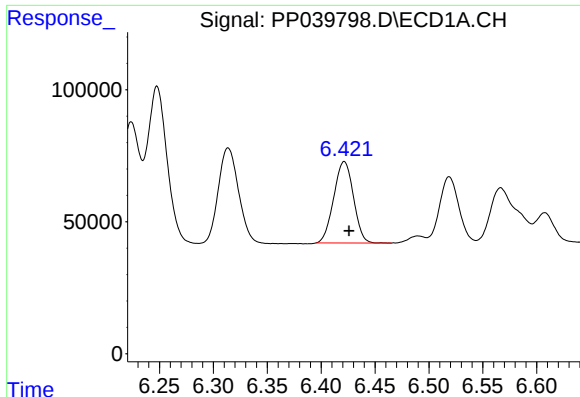
#18 AR-1242-3

R.T.: 6.314 min
Delta R.T.: -0.005 min
Response: 482815
Conc: 658.74 ng/ml



#18 AR-1242-3

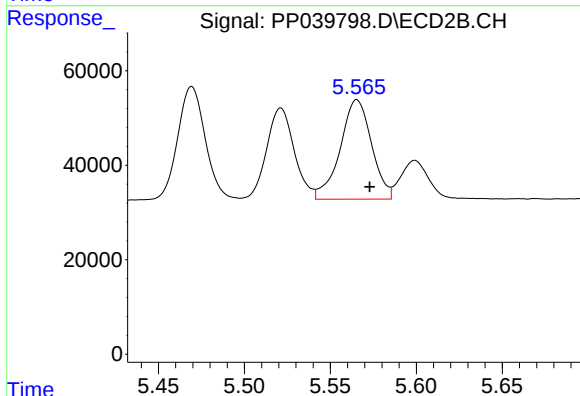
R.T.: 5.469 min
Delta R.T.: -0.007 min
Response: 264812
Conc: 643.11 ng/ml



#19 AR-1242-4

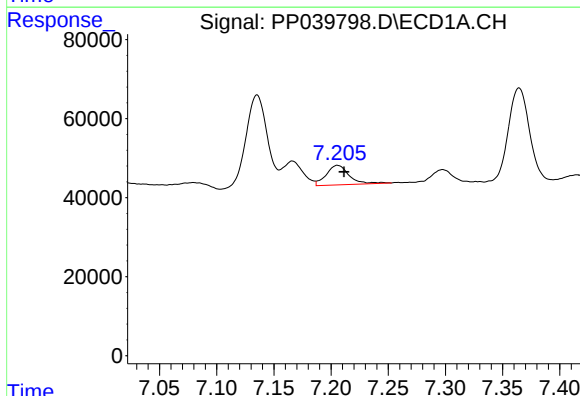
R.T.: 6.421 min
Delta R.T.: -0.005 min
Response: 393016
Conc: 657.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



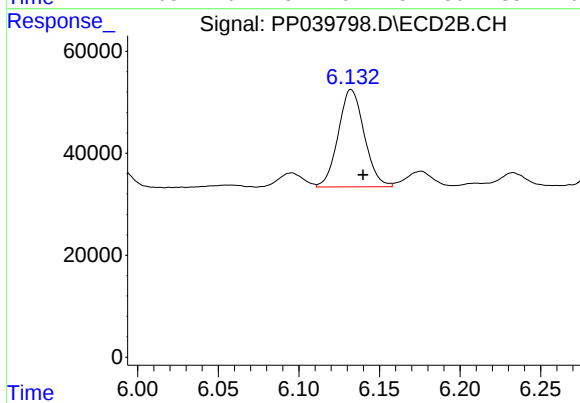
#19 AR-1242-4

R.T.: 5.565 min
Delta R.T.: -0.007 min
Response: 268076
Conc: 634.59 ng/ml



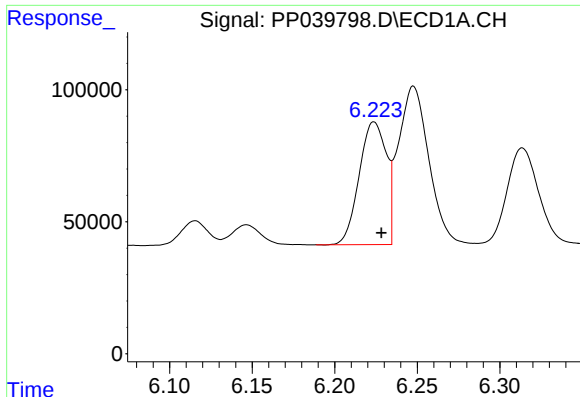
#20 AR-1242-5

R.T.: 7.206 min
Delta R.T.: -0.005 min
Response: 68920
Conc: 110.97 ng/ml



#20 AR-1242-5

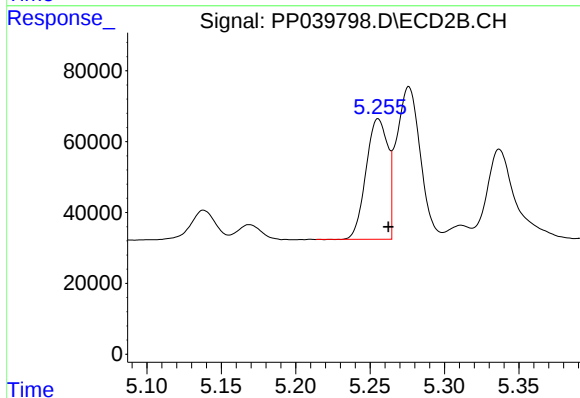
R.T.: 6.132 min
Delta R.T.: -0.007 min
Response: 214906
Conc: 404.98 ng/ml



#21 AR-1248-1

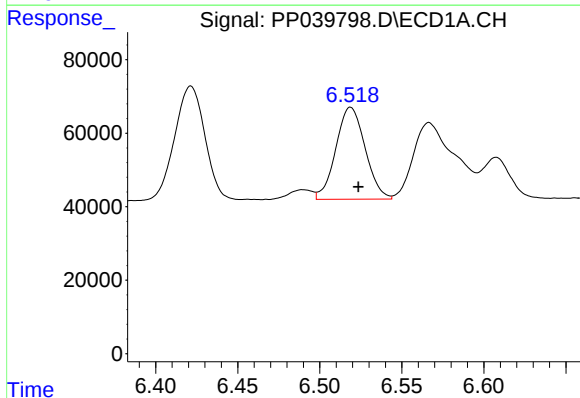
R.T.: 6.224 min
Delta R.T.: -0.005 min
Response: 532610
Conc: 829.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



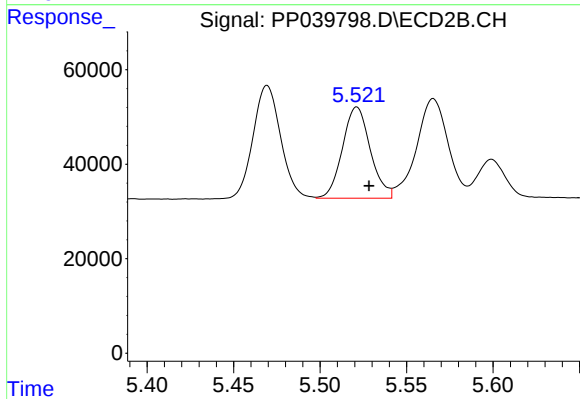
#21 AR-1248-1

R.T.: 5.255 min
Delta R.T.: -0.007 min
Response: 346310
Conc: 797.45 ng/ml



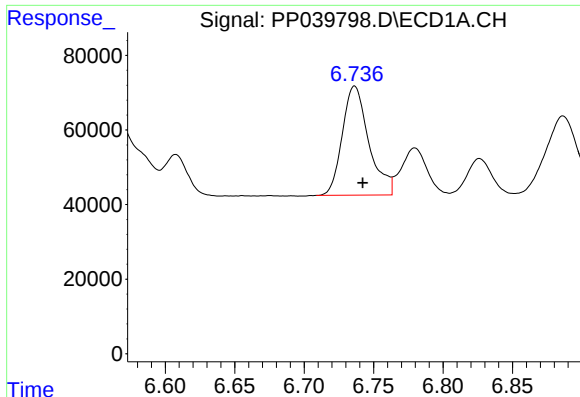
#22 AR-1248-2

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 312174
Conc: 378.32 ng/ml



#22 AR-1248-2

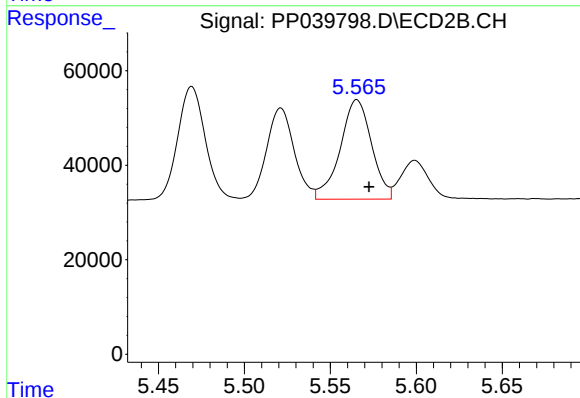
R.T.: 5.521 min
Delta R.T.: -0.007 min
Response: 216099
Conc: 364.67 ng/ml



#23 AR-1248-3

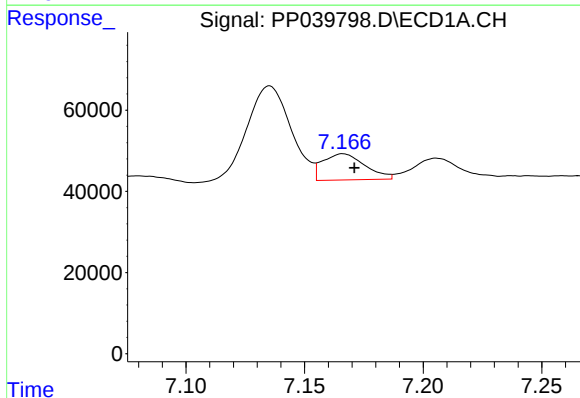
R.T.: 6.736 min
Delta R.T.: -0.006 min
Response: 389528
Conc: 396.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



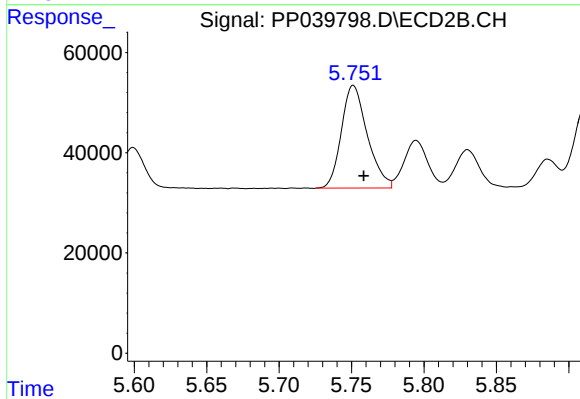
#23 AR-1248-3

R.T.: 5.565 min
Delta R.T.: -0.007 min
Response: 268076
Conc: 442.43 ng/ml



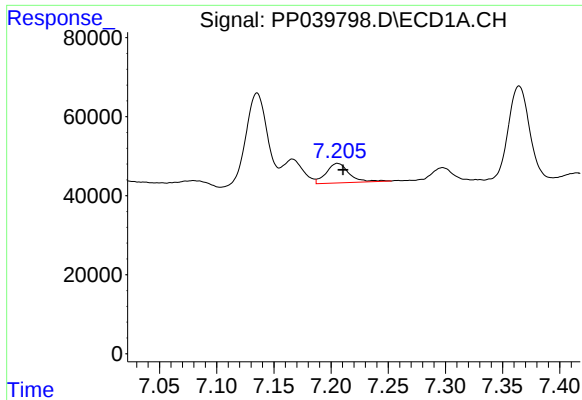
#24 AR-1248-4

R.T.: 7.166 min
Delta R.T.: -0.005 min
Response: 79927
Conc: 73.63 ng/ml



#24 AR-1248-4

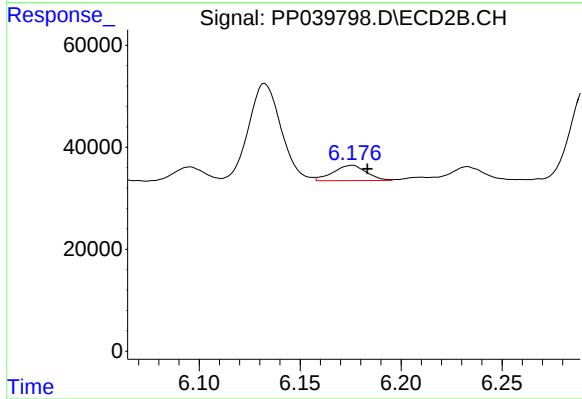
R.T.: 5.751 min
Delta R.T.: -0.007 min
Response: 255484
Conc: 375.20 ng/ml



#25 AR-1248-5

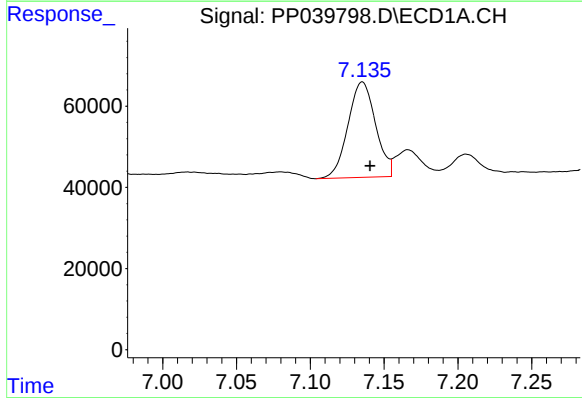
R.T.: 7.206 min
Delta R.T.: -0.005 min
Response: 68920
Conc: 66.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



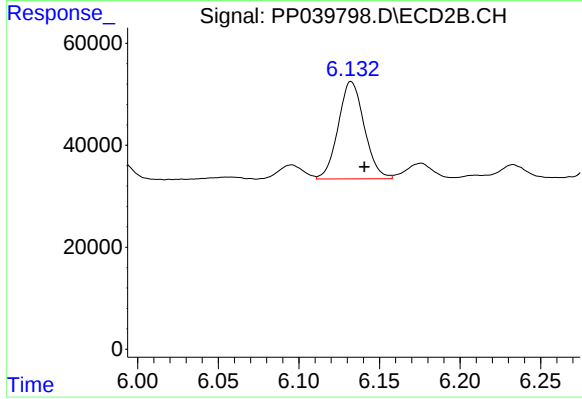
#25 AR-1248-5

R.T.: 6.176 min
Delta R.T.: -0.008 min
Response: 34418
Conc: 48.83 ng/ml



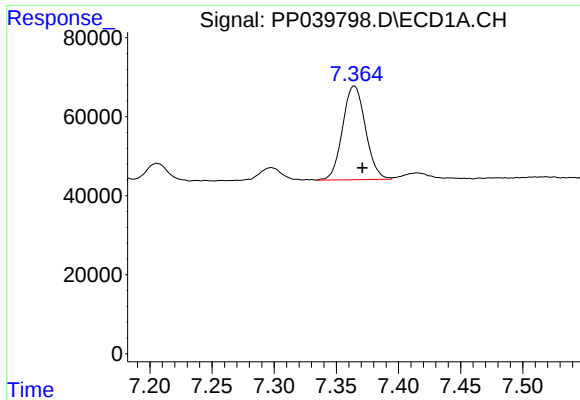
#26 AR-1254-1

R.T.: 7.135 min
Delta R.T.: -0.005 min
Response: 306007
Conc: 280.35 ng/ml



#26 AR-1254-1

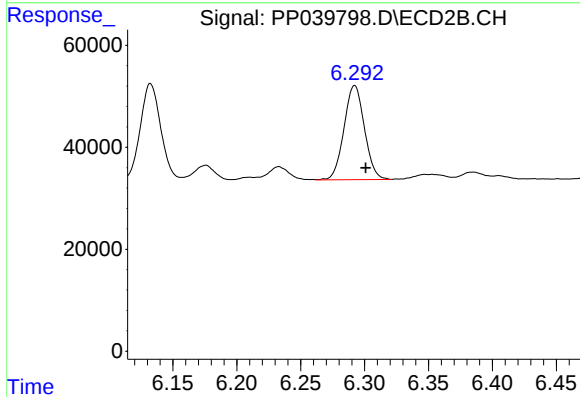
R.T.: 6.132 min
Delta R.T.: -0.008 min
Response: 214906
Conc: 206.42 ng/ml



#27 AR-1254-2

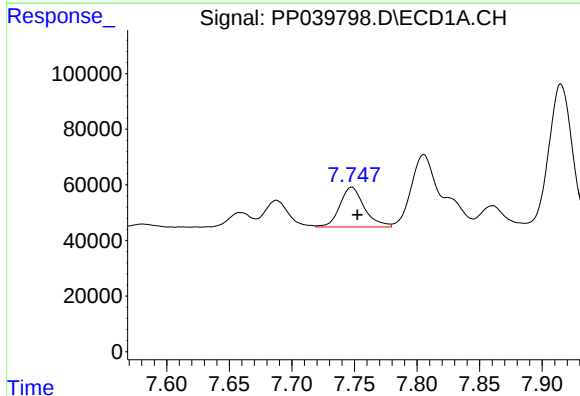
R.T.: 7.364 min
Delta R.T.: -0.006 min
Response: 303502
Conc: 187.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



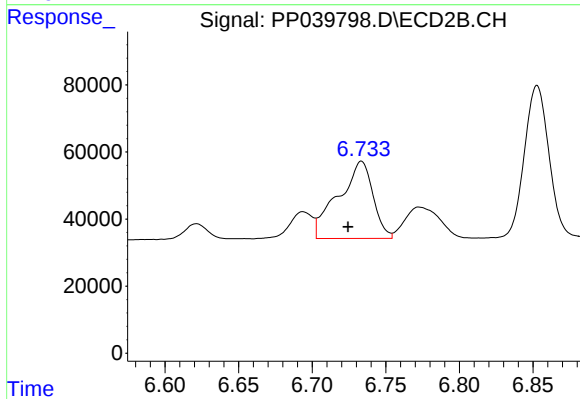
#27 AR-1254-2

R.T.: 6.292 min
Delta R.T.: -0.009 min
Response: 205803
Conc: 213.55 ng/ml



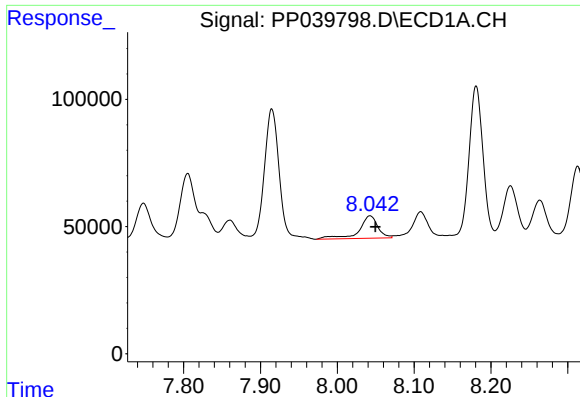
#28 AR-1254-3

R.T.: 7.748 min
Delta R.T.: -0.005 min
Response: 195136
Conc: 117.28 ng/ml



#28 AR-1254-3

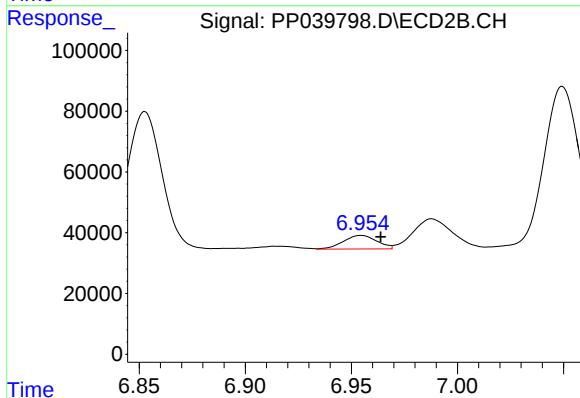
R.T.: 6.733 min
Delta R.T.: 0.009 min
Response: 377608
Conc: 251.01 ng/ml



#29 AR-1254-4

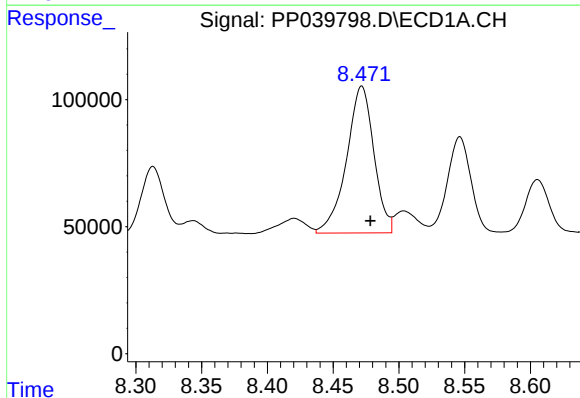
R.T.: 8.042 min
Delta R.T.: -0.007 min
Response: 150506
Conc: 123.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



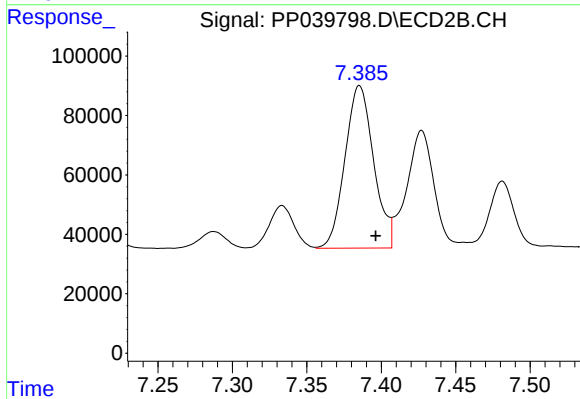
#29 AR-1254-4

R.T.: 6.955 min
Delta R.T.: -0.009 min
Response: 49314
Conc: 51.21 ng/ml



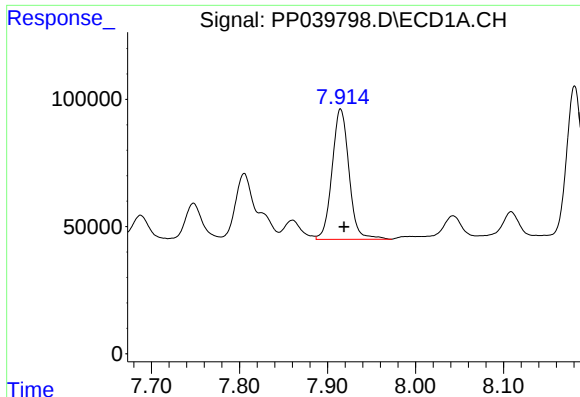
#30 AR-1254-5

R.T.: 8.472 min
Delta R.T.: -0.007 min
Response: 837041
Conc: 659.71 ng/ml



#30 AR-1254-5

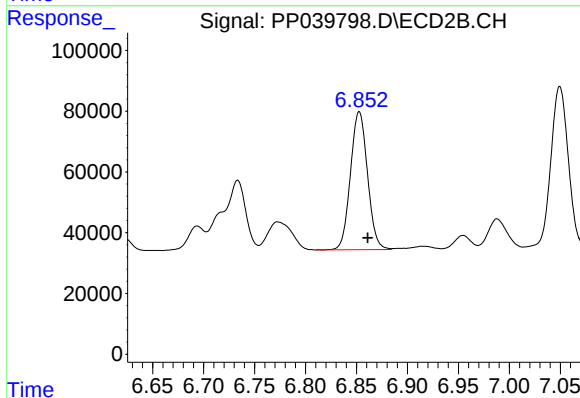
R.T.: 7.385 min
Delta R.T.: -0.011 min
Response: 733868
Conc: 521.39 ng/ml



#31 AR-1260-1

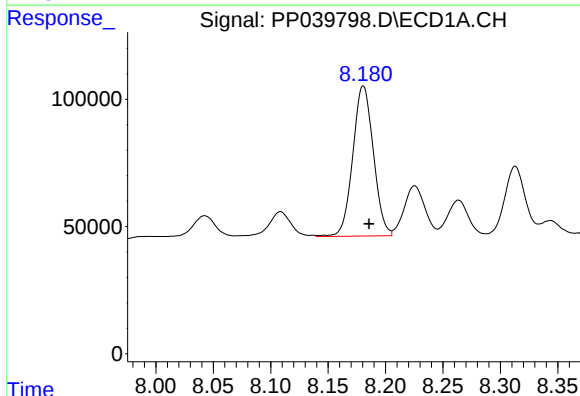
R.T.: 7.915 min
Delta R.T.: -0.004 min
Response: 685716
Conc: 558.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



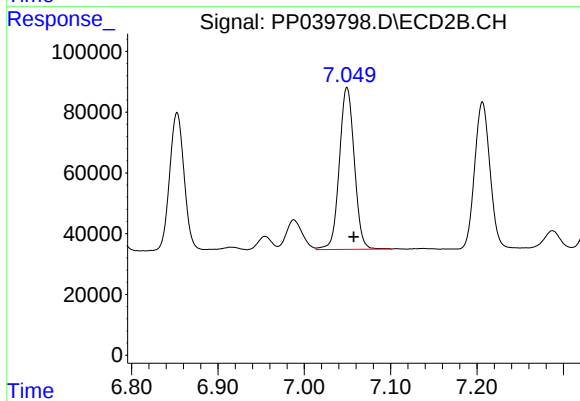
#31 AR-1260-1

R.T.: 6.853 min
Delta R.T.: -0.008 min
Response: 528597
Conc: 490.85 ng/ml



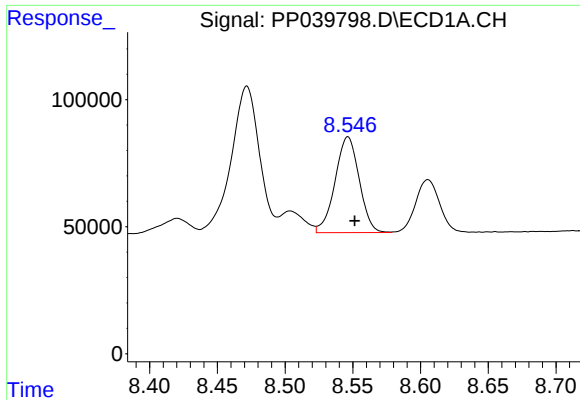
#32 AR-1260-2

R.T.: 8.181 min
Delta R.T.: -0.005 min
Response: 738916
Conc: 533.73 ng/ml



#32 AR-1260-2

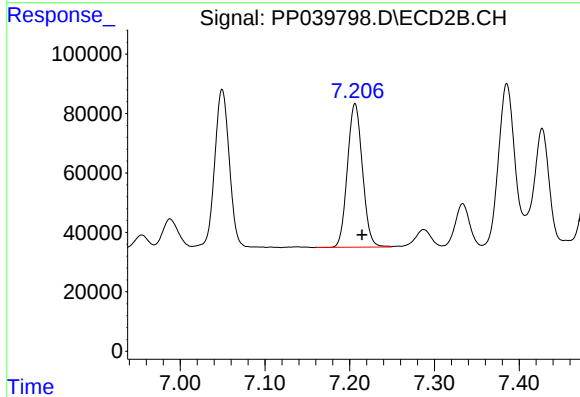
R.T.: 7.050 min
Delta R.T.: -0.008 min
Response: 641130
Conc: 500.57 ng/ml



#33 AR-1260-3

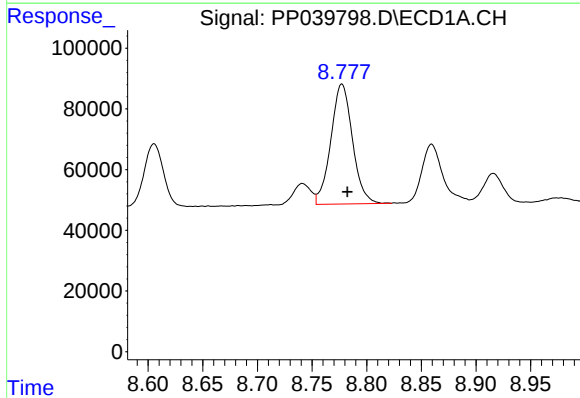
R.T.: 8.546 min
Delta R.T.: -0.005 min
Response: 468113
Conc: 565.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



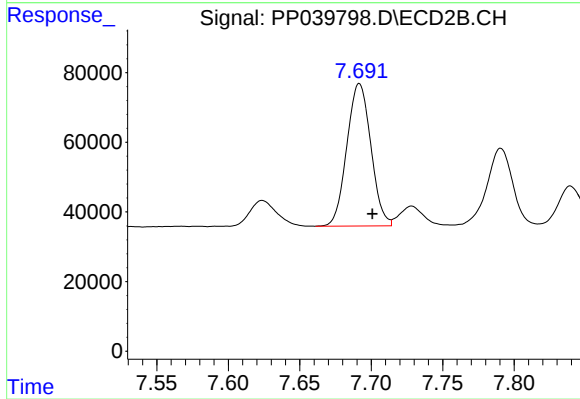
#33 AR-1260-3

R.T.: 7.206 min
Delta R.T.: -0.008 min
Response: 595657
Conc: 495.13 ng/ml



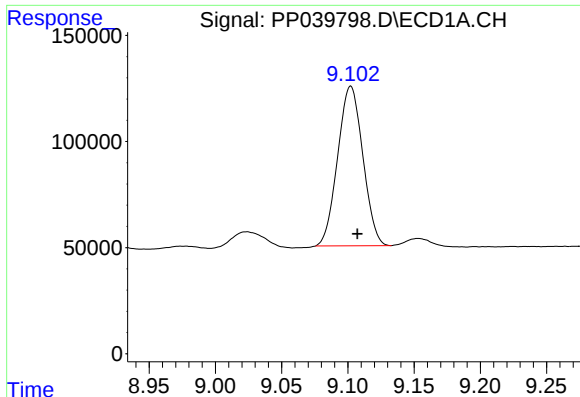
#34 AR-1260-4

R.T.: 8.777 min
Delta R.T.: -0.005 min
Response: 545083
Conc: 546.74 ng/ml



#34 AR-1260-4

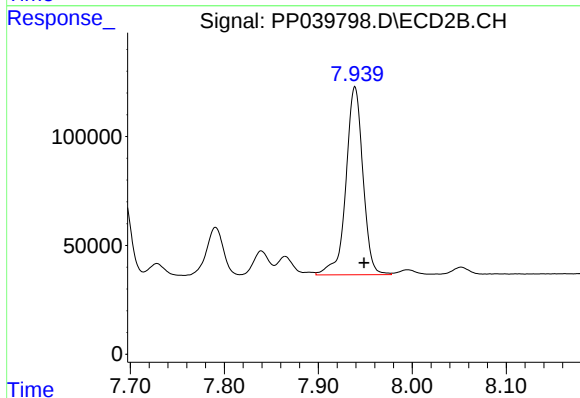
R.T.: 7.692 min
Delta R.T.: -0.009 min
Response: 478291
Conc: 513.56 ng/ml



#35 AR-1260-5

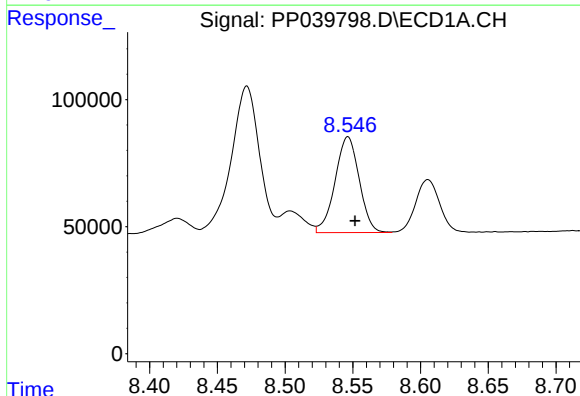
R.T.: 9.102 min
Delta R.T.: -0.005 min
Response: 994692
Conc: 524.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



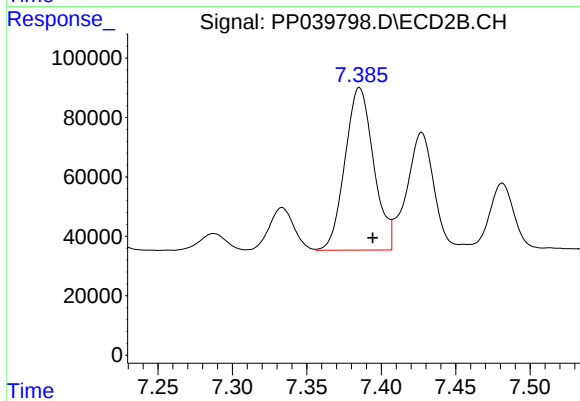
#35 AR-1260-5

R.T.: 7.939 min
Delta R.T.: -0.010 min
Response: 1084587
Conc: 505.65 ng/ml



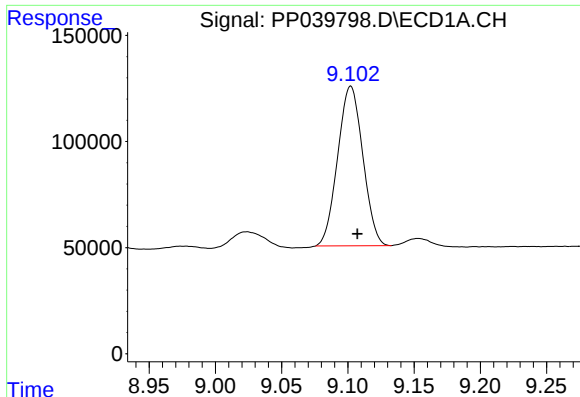
#36 AR-1262-1

R.T.: 8.546 min
Delta R.T.: -0.005 min
Response: 468113
Conc: 350.57 ng/ml



#36 AR-1262-1

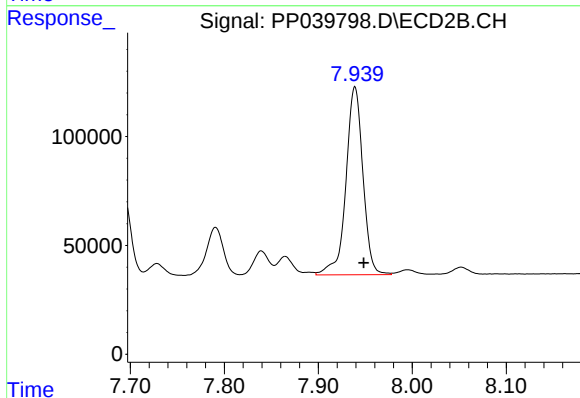
R.T.: 7.385 min
Delta R.T.: -0.009 min
Response: 733868
Conc: 1040.97 ng/ml



#37 AR-1262-2

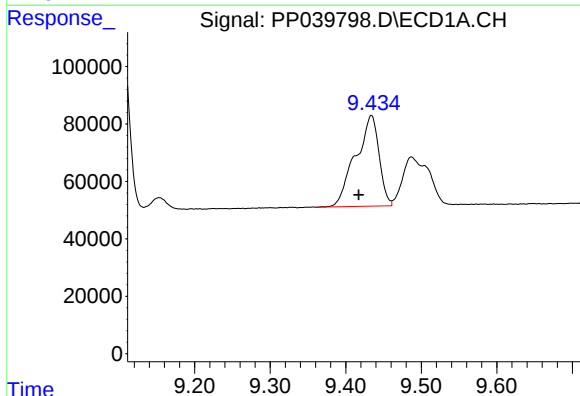
R.T.: 9.102 min
Delta R.T.: -0.005 min
Response: 994692
Conc: 452.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



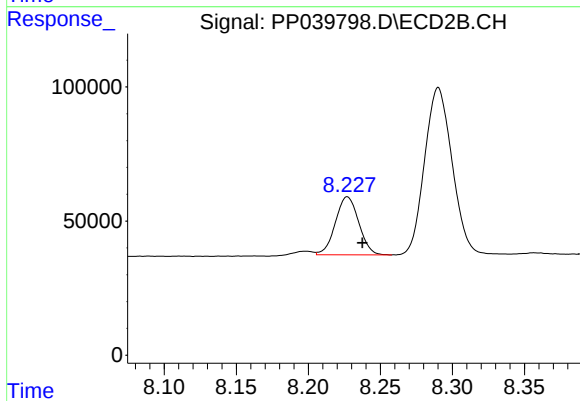
#37 AR-1262-2

R.T.: 7.939 min
Delta R.T.: -0.009 min
Response: 1084587
Conc: 477.43 ng/ml



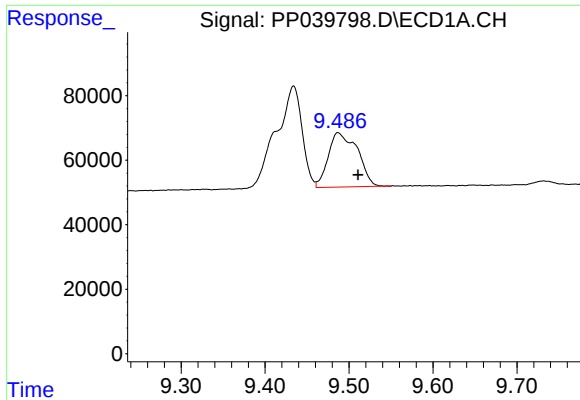
#38 AR-1262-3

R.T.: 9.434 min
Delta R.T.: 0.017 min
Response: 681338
Conc: 697.96 ng/ml



#38 AR-1262-3

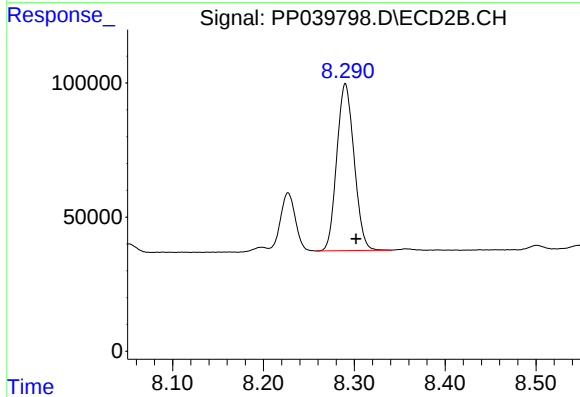
R.T.: 8.227 min
Delta R.T.: -0.010 min
Response: 244446
Conc: 240.51 ng/ml



#39 AR-1262-4

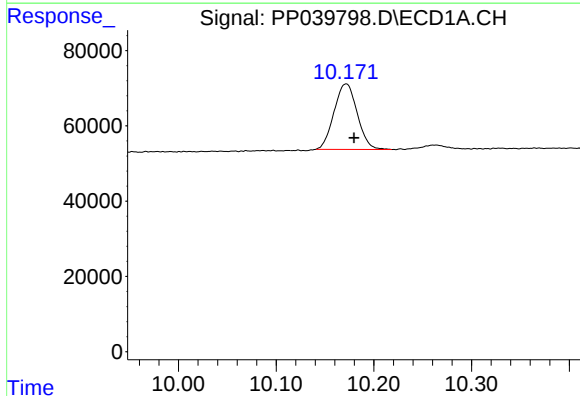
R.T.: 9.487 min
Delta R.T.: -0.024 min
Response: 407557
Conc: 681.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



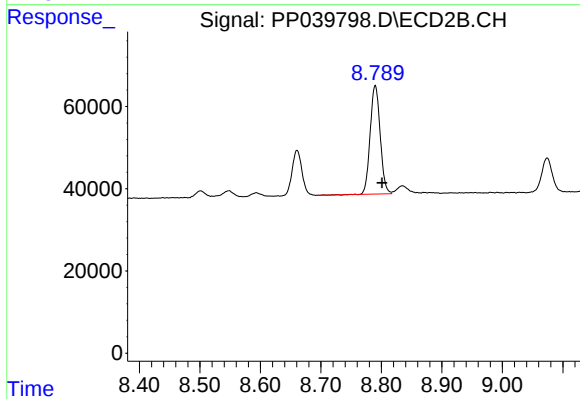
#39 AR-1262-4

R.T.: 8.290 min
Delta R.T.: -0.012 min
Response: 825690
Conc: 459.69 ng/ml



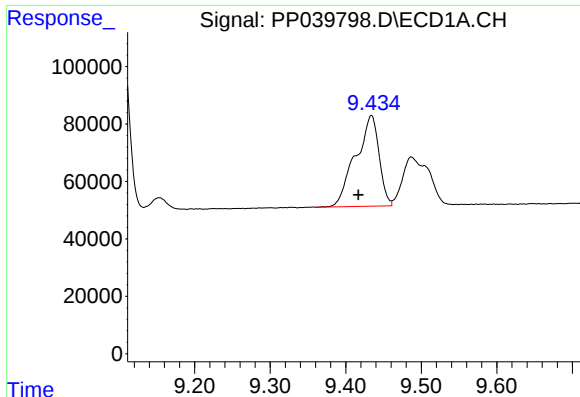
#40 AR-1262-5

R.T.: 10.172 min
Delta R.T.: -0.008 min
Response: 287169
Conc: 368.85 ng/ml



#40 AR-1262-5

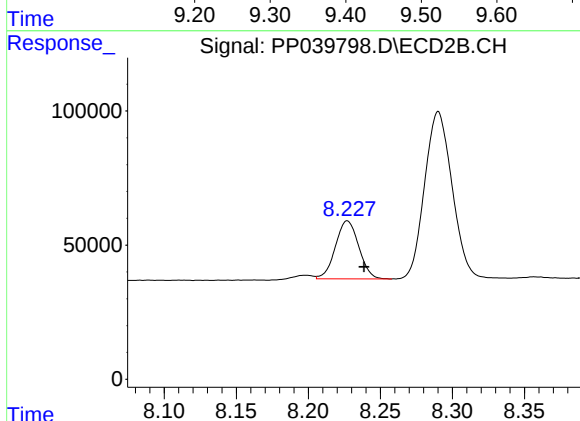
R.T.: 8.790 min
Delta R.T.: -0.011 min
Response: 304761
Conc: 334.73 ng/ml



#41 AR-1268-1

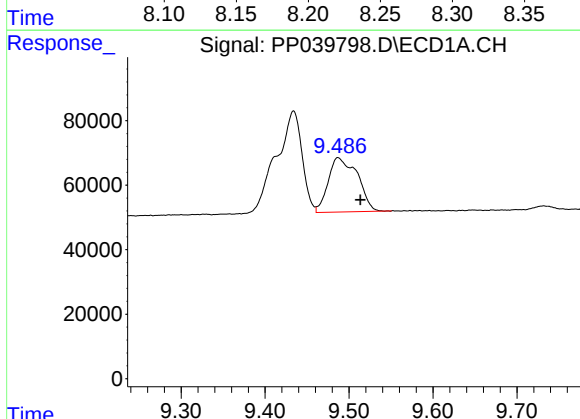
R.T.: 9.434 min
Delta R.T.: 0.017 min
Response: 681338
Conc: 253.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



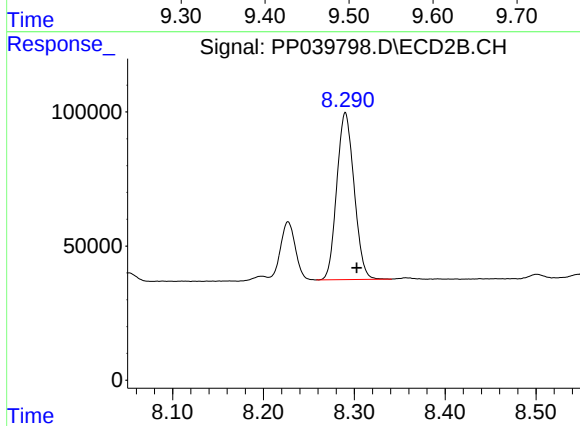
#41 AR-1268-1

R.T.: 8.227 min
Delta R.T.: -0.011 min
Response: 244446
Conc: 83.83 ng/ml



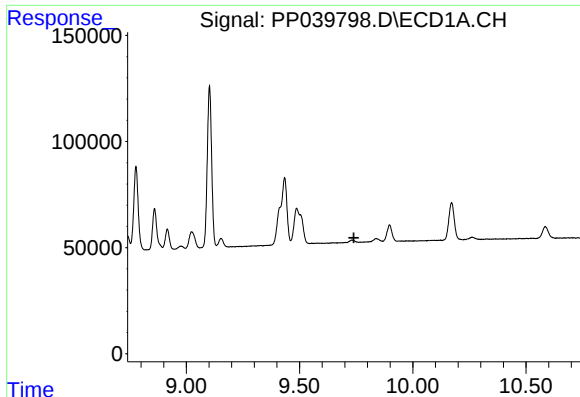
#42 AR-1268-2

R.T.: 9.487 min
Delta R.T.: -0.027 min
Response: 407557
Conc: 158.22 ng/ml



#42 AR-1268-2

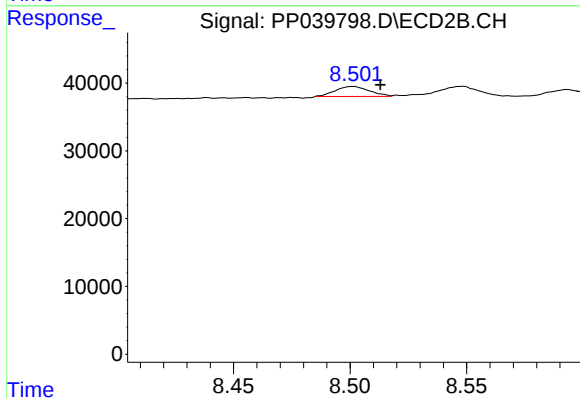
R.T.: 8.290 min
Delta R.T.: -0.013 min
Response: 825690
Conc: 309.75 ng/ml



#43 AR-1268-3

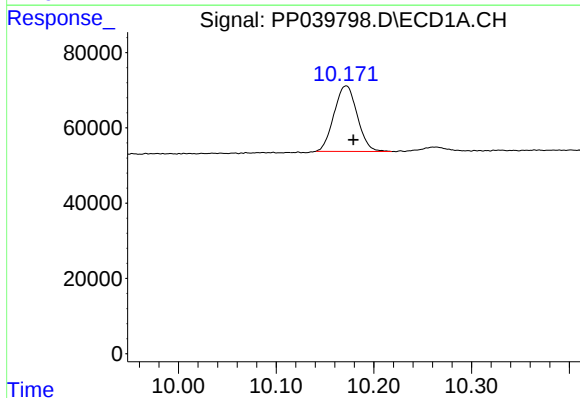
R.T.: 0.000 min
Exp R.T.: 9.740 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



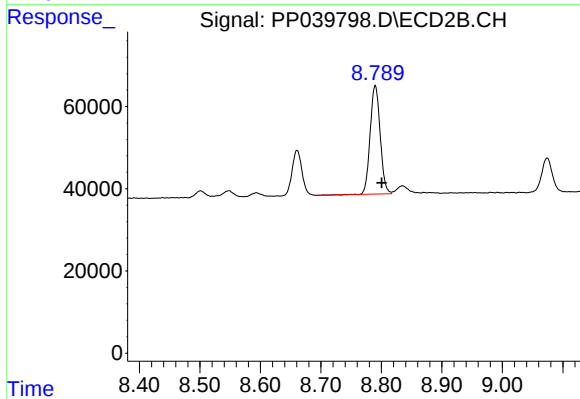
#43 AR-1268-3

R.T.: 8.501 min
Delta R.T.: -0.012 min
Response: 14984
Conc: 6.53 ng/ml



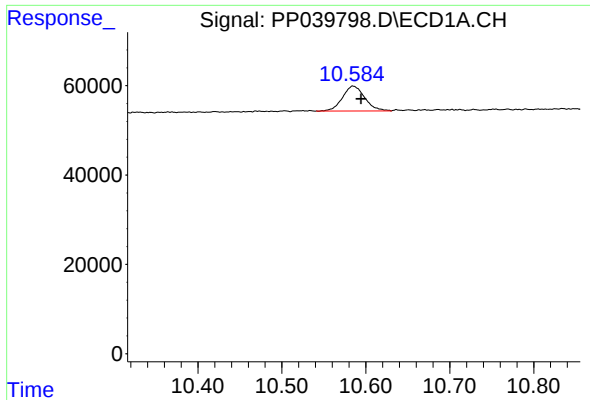
#44 AR-1268-4

R.T.: 10.172 min
Delta R.T.: -0.007 min
Response: 287169
Conc: 312.60 ng/ml



#44 AR-1268-4

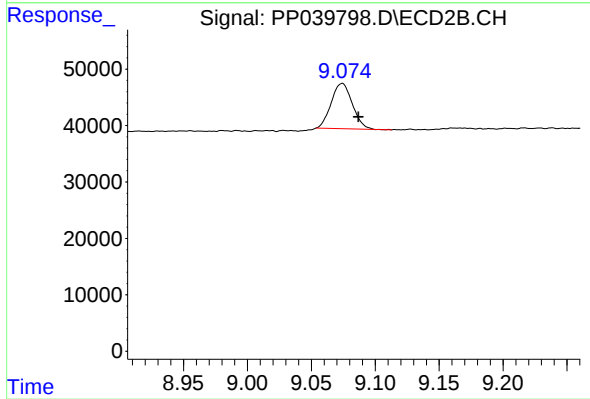
R.T.: 8.790 min
Delta R.T.: -0.011 min
Response: 304761
Conc: 296.09 ng/ml



#45 AR-1268-5

R.T.: 10.585 min
Delta R.T.: -0.010 min
Response: 102740
Conc: 13.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.074 min
Delta R.T.: -0.013 min
Response: 92579
Conc: 12.62 ng/ml