

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122719\
 Data File : P0065037.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Dec 2019 18:36
 Operator : SM/AJ
 Sample : K6438-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 22:57:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO122619.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 26 13:32:04 2019
 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...	4.171	3.446	578277	725533	24.620	25.758
2)	SA Decachlor...	9.681	8.356	554692	742122	21.849	22.653
Target Compounds							
3)	L1 AR-1016-1	5.322	4.507	274418	354977	244.896	260.566
4)	L1 AR-1016-2	5.343	4.525	402146	500445	248.460	267.592
5)	L1 AR-1016-3	5.404	4.698	238729	260168	241.027	260.401
6)	L1 AR-1016-4	5.501	4.740	194970	223501	245.900	255.636
7)	L1 AR-1016-5	5.792	4.949	198131	281305	250.377	252.003
8)	L2 AR-1221-1	0.000	3.654	0	27850	N.D.	100.395 #
9)	L2 AR-1221-2	4.465	3.739	31109	43779	174.611	206.262
10)	L2 AR-1221-3	4.539	3.812	127477	160958	224.415	233.623
11)	L3 AR-1232-1	4.539	3.812	127477	160958	129.276	137.653
12)	L3 AR-1232-2	5.057	4.525	179938	500445	347.371	361.924
13)	L3 AR-1232-3	5.343	4.698	402146	260168	344.425	364.419
14)	L3 AR-1232-4	5.501	4.781	194970	269355	342.245	397.088
15)	L3 AR-1232-5	5.591	4.949	177800	281305	442.488	382.977
16)	L4 AR-1242-1	5.322	4.507	274418	354977	350.286	376.924
17)	L4 AR-1242-2	5.343	4.525	402146	500445	354.363	379.202
18)	L4 AR-1242-3	5.404	4.698	238729	260168	339.131	371.011
19)	L4 AR-1242-4	5.501	4.781	194970	269355	345.209	363.753
20)	L4 AR-1242-5	6.229	5.296	31438	209921	43.857	209.112 #
21)	L5 AR-1248-1	5.322	4.507	274418	354977	450.324	473.041
22)	L5 AR-1248-2	5.591	4.740	177800	223501	202.230	213.044
23)	L5 AR-1248-3	5.792	4.781	198131	269355	201.610	248.134
24)	L5 AR-1248-4	6.192	4.949	35627	281305	29.021	215.037 #
25)	L5 AR-1248-5	6.229	5.296	31438	209921	26.682	106.617 #
26)	L6 AR-1254-1	6.165	5.296	137833	209921	108.222	92.738
27)	L6 AR-1254-2	6.380	5.443	148109	192989	74.012	95.748 #
28)	L6 AR-1254-3	6.744	5.855	93168	371791	41.671	110.040 #
29)	L6 AR-1254-4	7.027	6.068	64132	55790	38.048	25.832 #
30)	L6 AR-1254-5	7.442	6.481	500556	674941	256.161	224.267
31)	L7 AR-1260-1	6.905	5.970	360498	526221	224.515	239.223
32)	L7 AR-1260-2	7.162	6.157	434443	643223	224.642	232.778
33)	L7 AR-1260-3	7.517	6.308	327638	564267	227.706	230.650
34)	L7 AR-1260-4	7.740	6.775	376496	479788	221.492	237.975
35)	L7 AR-1260-5	8.046	7.018	690324	1057765	213.629	225.001
36)	L8 AR-1262-1	7.517	6.572	327638	263894	143.947	201.013 #
37)	L8 AR-1262-2	8.046	7.018	690324	1057765	179.334	188.486
38)	L8 AR-1262-3	8.345	7.298	447279	239386	171.289	114.297 #
39)	L8 AR-1262-4	8.415	7.361	117513	773184	59.104	194.902 #
40)	L8 AR-1262-5	9.011	7.853	186308	259585	139.602	156.519
41)	L9 AR-1268-1	8.345	7.298	447279	239386	105.429	40.321 #

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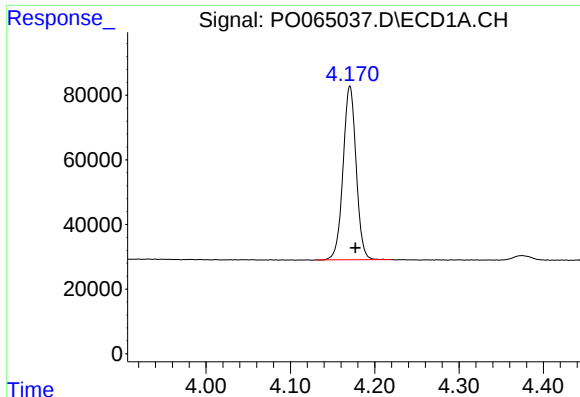
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 22:57:17 2019
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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	8.415	7.361	117513	773184	30.348	144.379 #
44) L9	AR-1268-4	9.011	7.853	186308	259585	138.908	150.331
45) L9	AR-1268-5	9.382	8.124	54182	67831	5.946	5.512

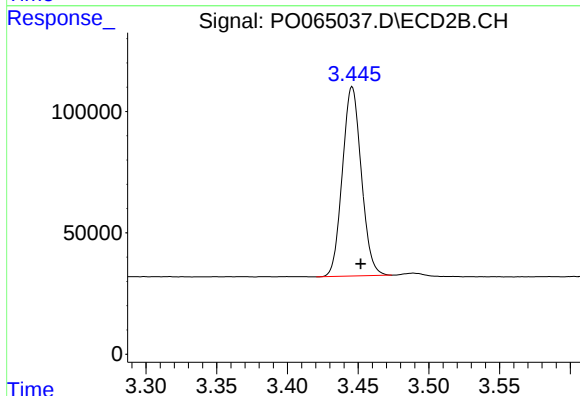
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

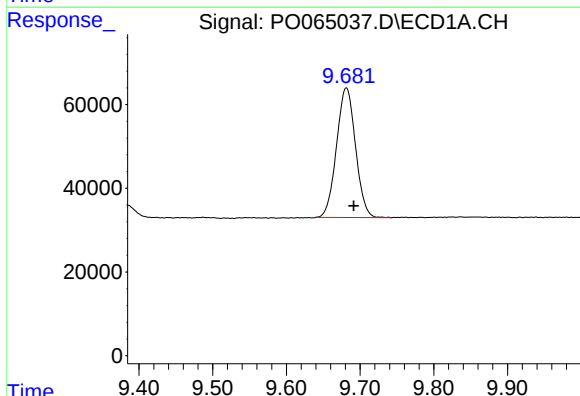
R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 578277
Conc: 24.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



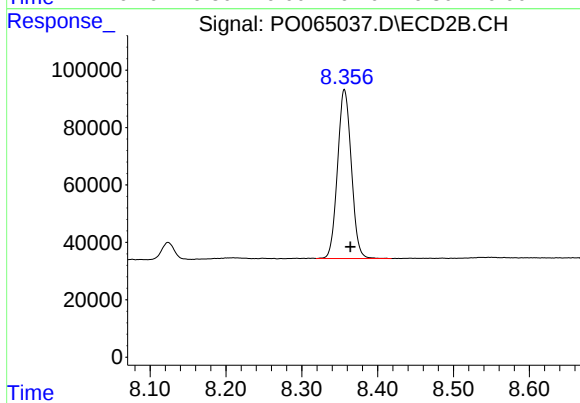
#1 Tetrachloro-m-xylene

R.T.: 3.446 min
Delta R.T.: -0.006 min
Response: 725533
Conc: 25.76 ng/ml



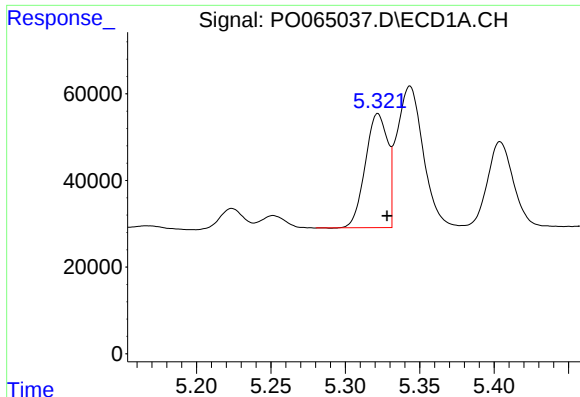
#2 Decachlorobiphenyl

R.T.: 9.681 min
Delta R.T.: -0.010 min
Response: 554692
Conc: 21.85 ng/ml



#2 Decachlorobiphenyl

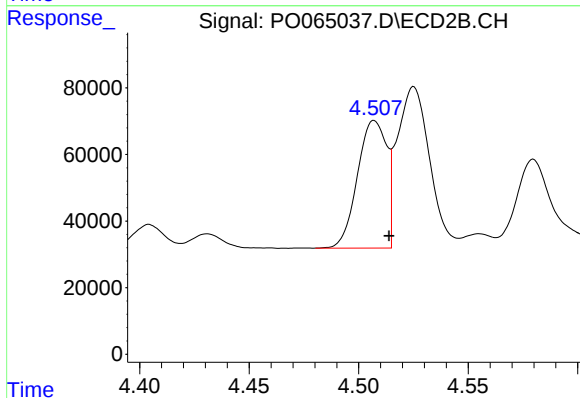
R.T.: 8.356 min
Delta R.T.: -0.008 min
Response: 742122
Conc: 22.65 ng/ml



#3 AR-1016-1

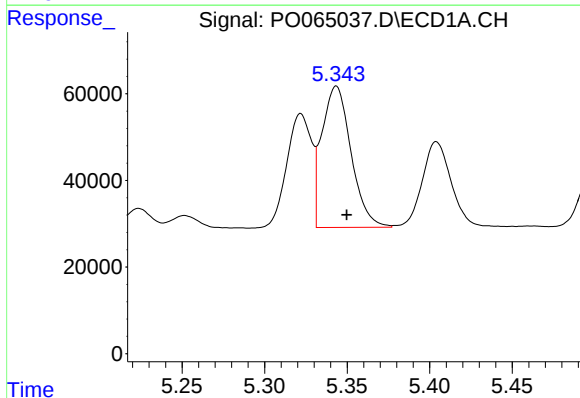
R.T.: 5.322 min
Delta R.T.: -0.006 min
Response: 274418
Conc: 244.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



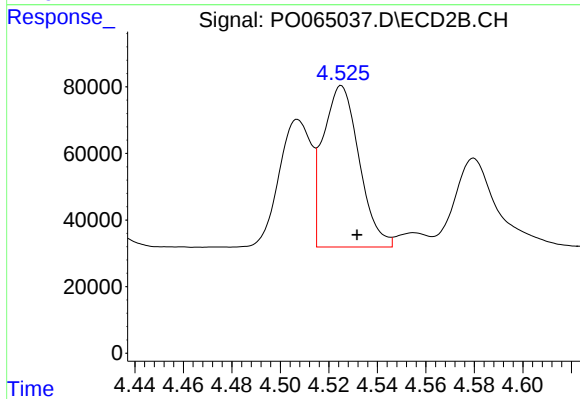
#3 AR-1016-1

R.T.: 4.507 min
Delta R.T.: -0.007 min
Response: 354977
Conc: 260.57 ng/ml



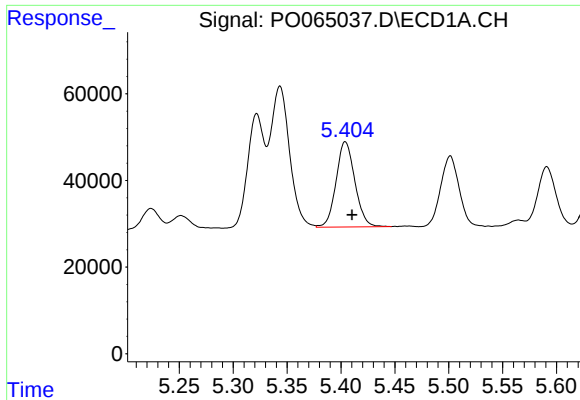
#4 AR-1016-2

R.T.: 5.343 min
Delta R.T.: -0.006 min
Response: 402146
Conc: 248.46 ng/ml



#4 AR-1016-2

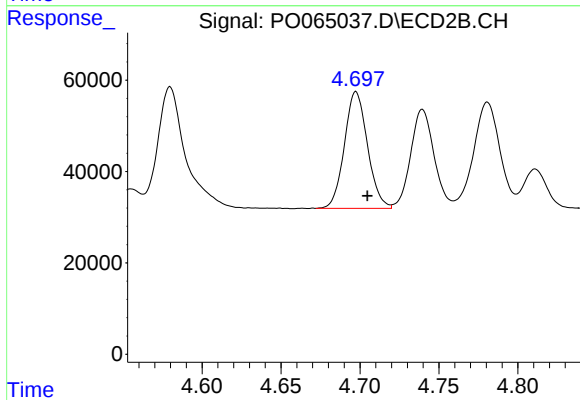
R.T.: 4.525 min
Delta R.T.: -0.006 min
Response: 500445
Conc: 267.59 ng/ml



#5 AR-1016-3

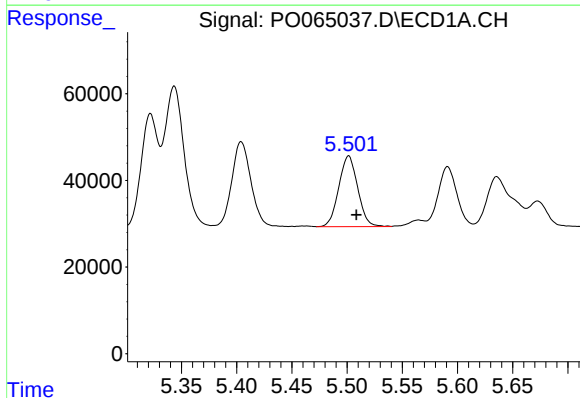
R.T.: 5.404 min
Delta R.T.: -0.006 min
Response: 238729
Conc: 241.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



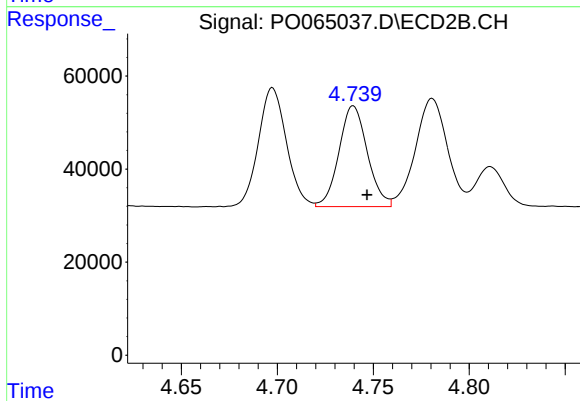
#5 AR-1016-3

R.T.: 4.698 min
Delta R.T.: -0.007 min
Response: 260168
Conc: 260.40 ng/ml



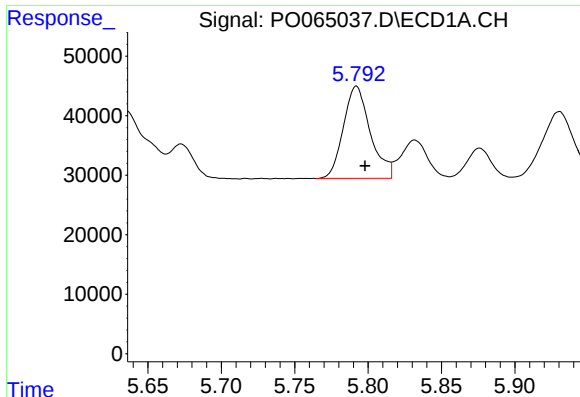
#6 AR-1016-4

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 194970
Conc: 245.90 ng/ml



#6 AR-1016-4

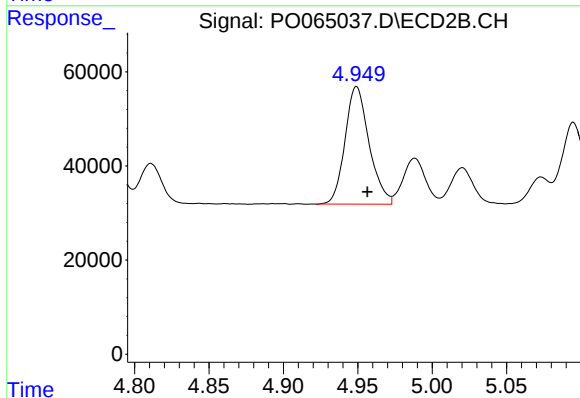
R.T.: 4.740 min
Delta R.T.: -0.007 min
Response: 223501
Conc: 255.64 ng/ml



#7 AR-1016-5

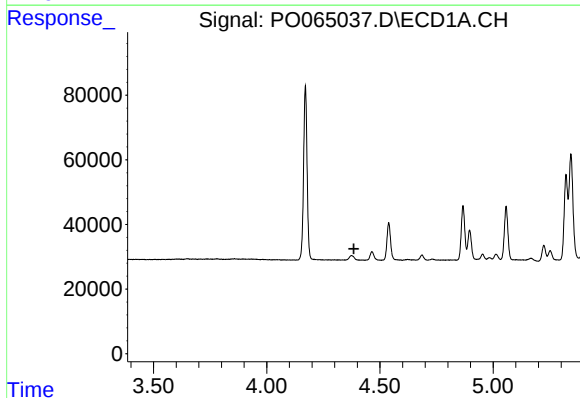
R.T.: 5.792 min
Delta R.T.: -0.006 min
Response: 198131
Conc: 250.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



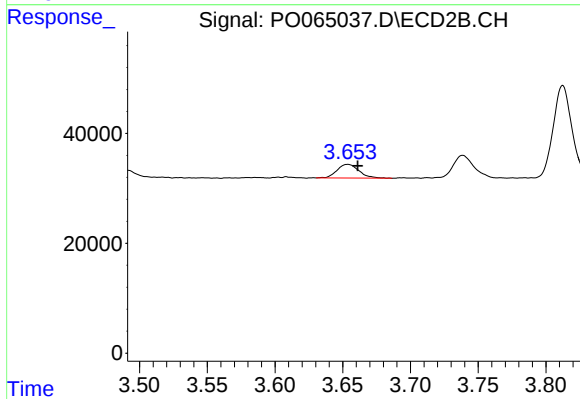
#7 AR-1016-5

R.T.: 4.949 min
Delta R.T.: -0.007 min
Response: 281305
Conc: 252.00 ng/ml



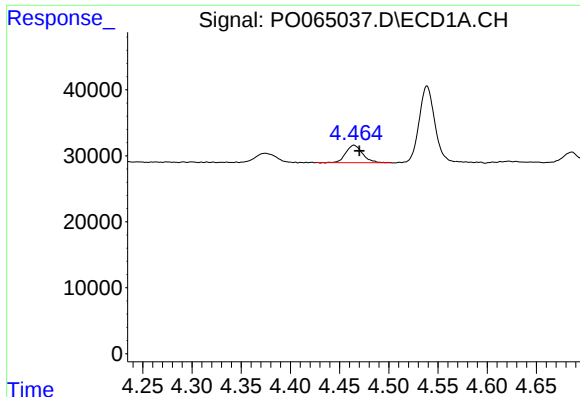
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.385 min
Response: 0
Conc: N.D.



#8 AR-1221-1

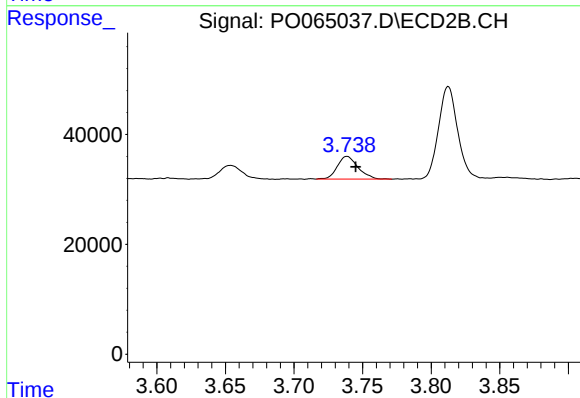
R.T.: 3.654 min
Delta R.T.: -0.007 min
Response: 27850
Conc: 100.39 ng/ml



#9 AR-1221-2

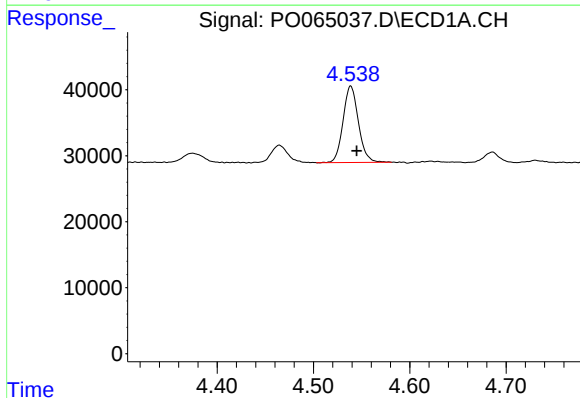
R.T.: 4.465 min
Delta R.T.: -0.005 min
Response: 31109
Conc: 174.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



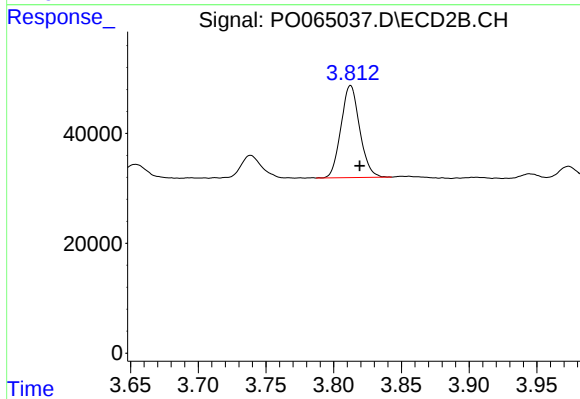
#9 AR-1221-2

R.T.: 3.739 min
Delta R.T.: -0.006 min
Response: 43779
Conc: 206.26 ng/ml



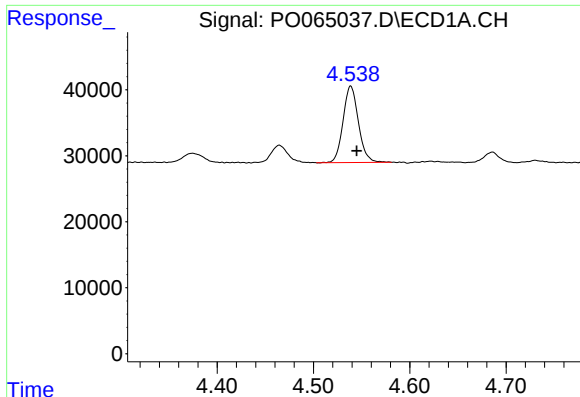
#10 AR-1221-3

R.T.: 4.539 min
Delta R.T.: -0.006 min
Response: 127477
Conc: 224.41 ng/ml



#10 AR-1221-3

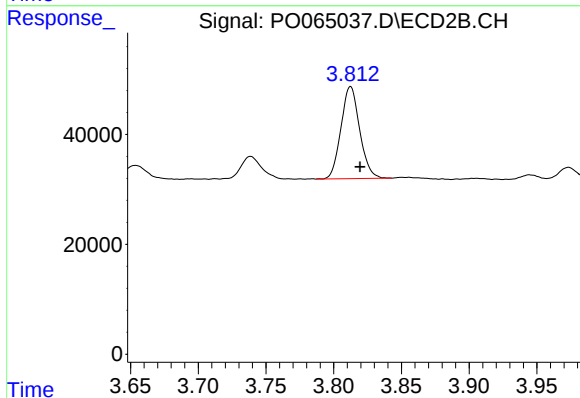
R.T.: 3.812 min
Delta R.T.: -0.007 min
Response: 160958
Conc: 233.62 ng/ml



#11 AR-1232-1

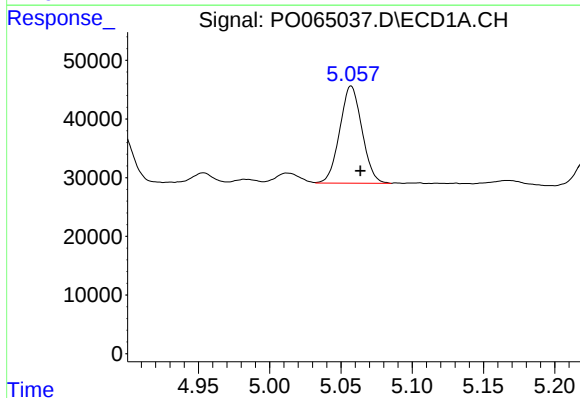
R.T.: 4.539 min
Delta R.T.: -0.006 min
Response: 127477
Conc: 129.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



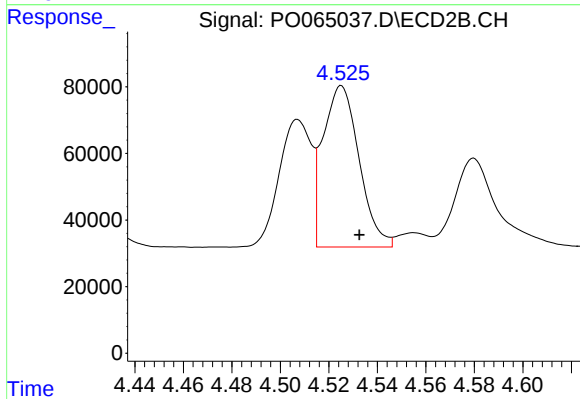
#11 AR-1232-1

R.T.: 3.812 min
Delta R.T.: -0.007 min
Response: 160958
Conc: 137.65 ng/ml



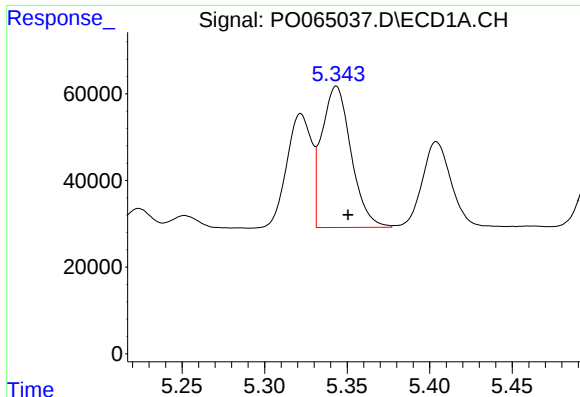
#12 AR-1232-2

R.T.: 5.057 min
Delta R.T.: -0.007 min
Response: 179938
Conc: 347.37 ng/ml



#12 AR-1232-2

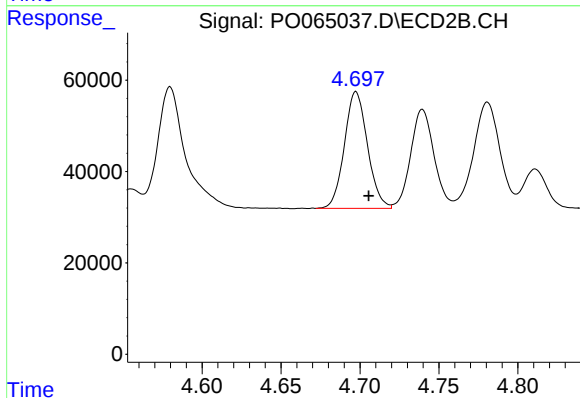
R.T.: 4.525 min
Delta R.T.: -0.007 min
Response: 500445
Conc: 361.92 ng/ml



#13 AR-1232-3

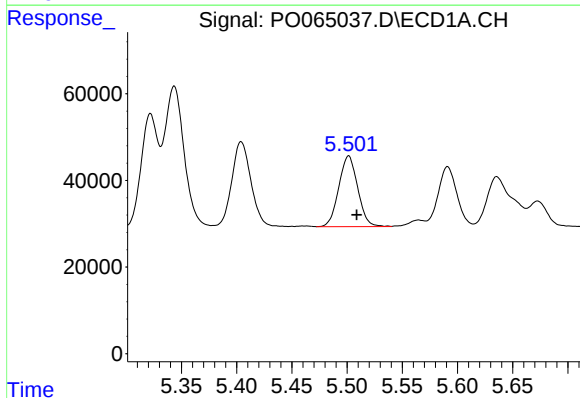
R.T.: 5.343 min
Delta R.T.: -0.007 min
Response: 402146
Conc: 344.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



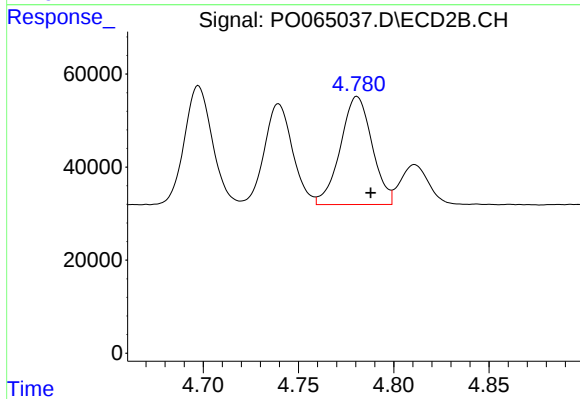
#13 AR-1232-3

R.T.: 4.698 min
Delta R.T.: -0.008 min
Response: 260168
Conc: 364.42 ng/ml



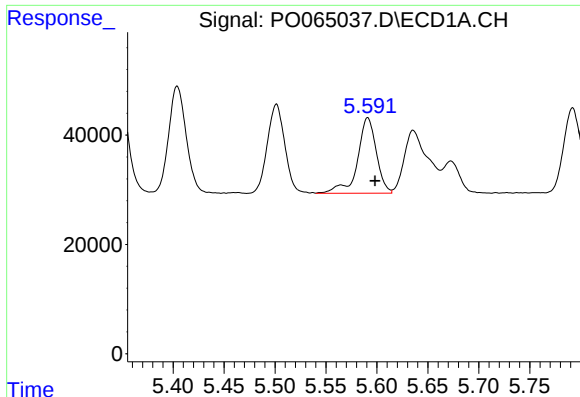
#14 AR-1232-4

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 194970
Conc: 342.24 ng/ml



#14 AR-1232-4

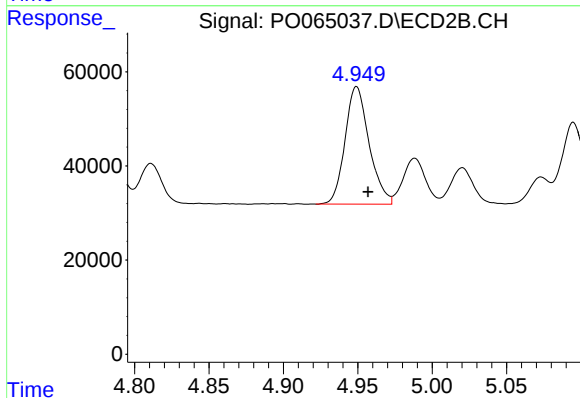
R.T.: 4.781 min
Delta R.T.: -0.007 min
Response: 269355
Conc: 397.09 ng/ml



#15 AR-1232-5

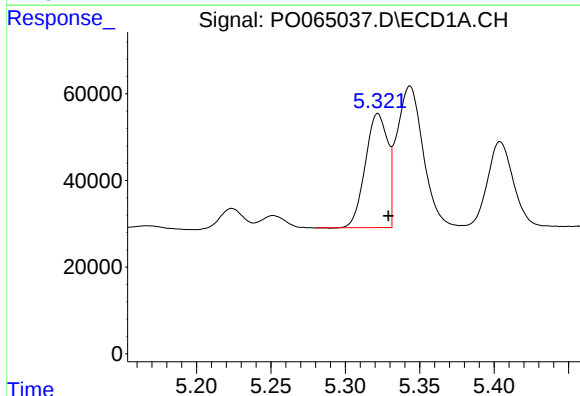
R.T.: 5.591 min
Delta R.T.: -0.007 min
Response: 177800
Conc: 442.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



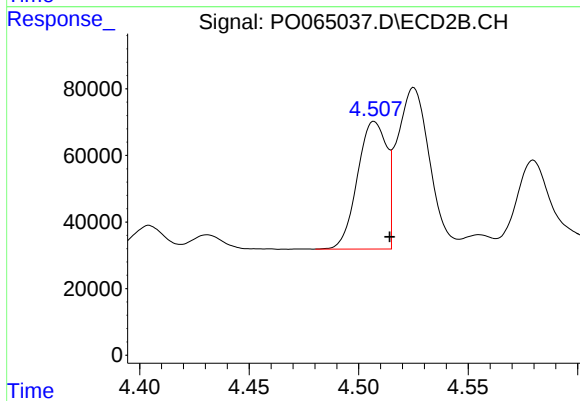
#15 AR-1232-5

R.T.: 4.949 min
Delta R.T.: -0.008 min
Response: 281305
Conc: 382.98 ng/ml



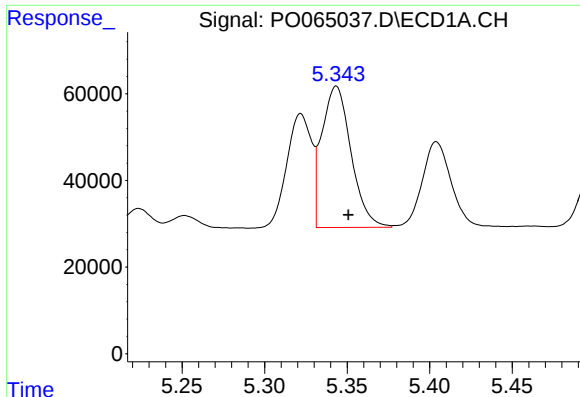
#16 AR-1242-1

R.T.: 5.322 min
Delta R.T.: -0.007 min
Response: 274418
Conc: 350.29 ng/ml



#16 AR-1242-1

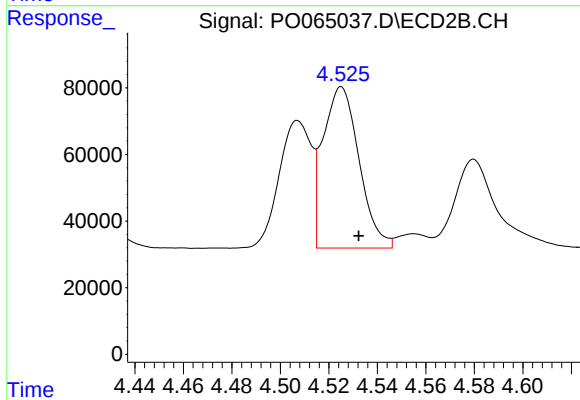
R.T.: 4.507 min
Delta R.T.: -0.007 min
Response: 354977
Conc: 376.92 ng/ml



#17 AR-1242-2

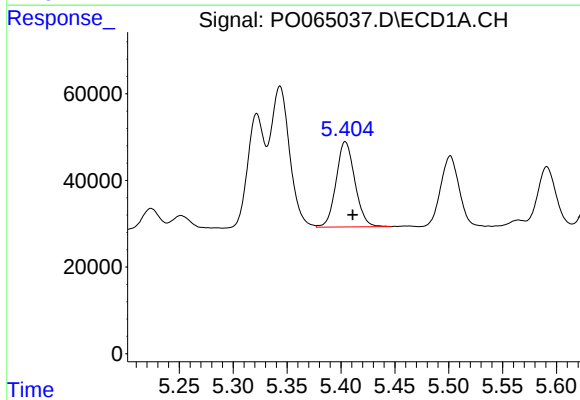
R.T.: 5.343 min
Delta R.T.: -0.007 min
Response: 402146
Conc: 354.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



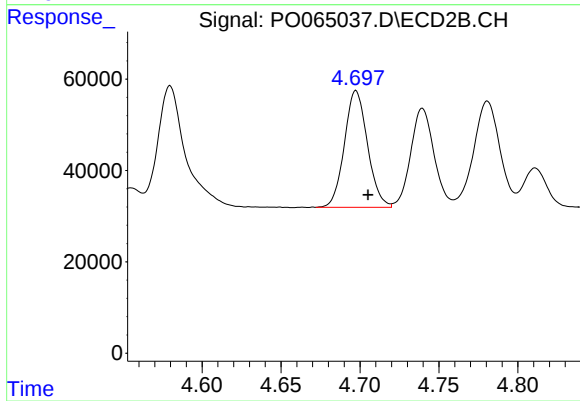
#17 AR-1242-2

R.T.: 4.525 min
Delta R.T.: -0.007 min
Response: 500445
Conc: 379.20 ng/ml



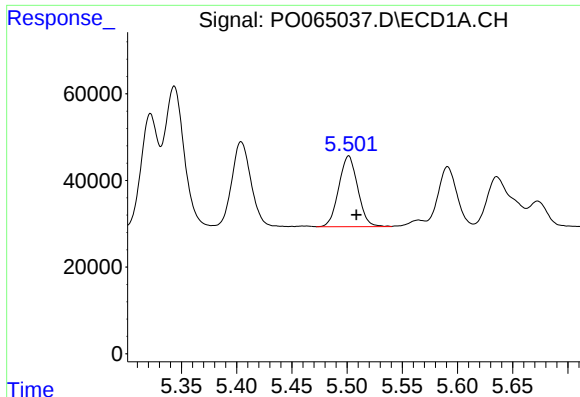
#18 AR-1242-3

R.T.: 5.404 min
Delta R.T.: -0.007 min
Response: 238729
Conc: 339.13 ng/ml



#18 AR-1242-3

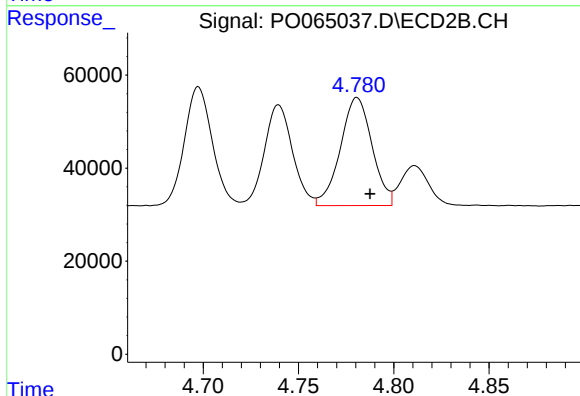
R.T.: 4.698 min
Delta R.T.: -0.008 min
Response: 260168
Conc: 371.01 ng/ml



#19 AR-1242-4

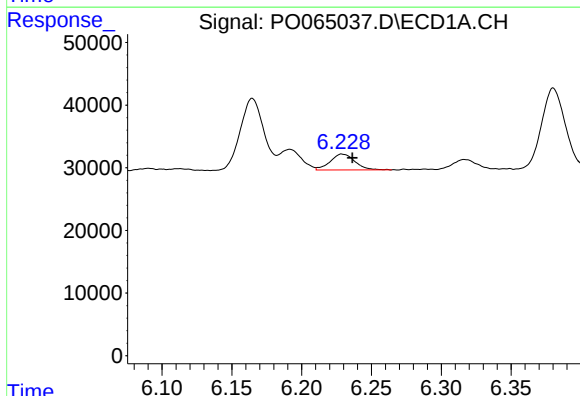
R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 194970
Conc: 345.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



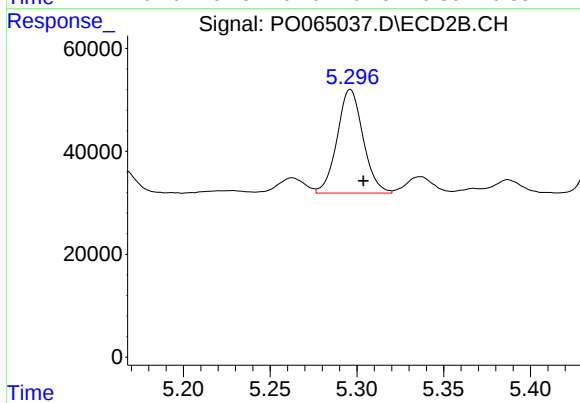
#19 AR-1242-4

R.T.: 4.781 min
Delta R.T.: -0.007 min
Response: 269355
Conc: 363.75 ng/ml



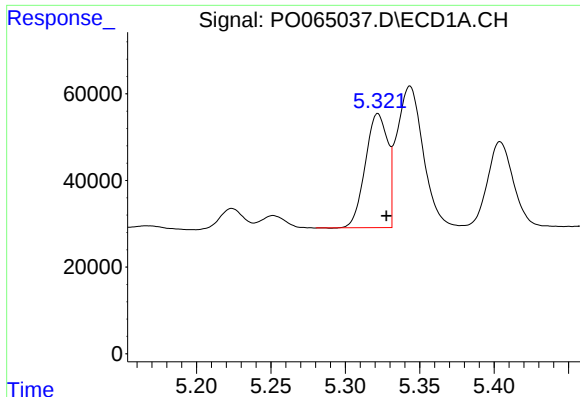
#20 AR-1242-5

R.T.: 6.229 min
Delta R.T.: -0.007 min
Response: 31438
Conc: 43.86 ng/ml



#20 AR-1242-5

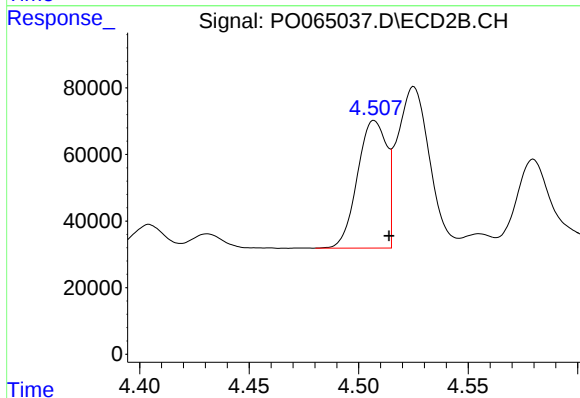
R.T.: 5.296 min
Delta R.T.: -0.008 min
Response: 209921
Conc: 209.11 ng/ml



#21 AR-1248-1

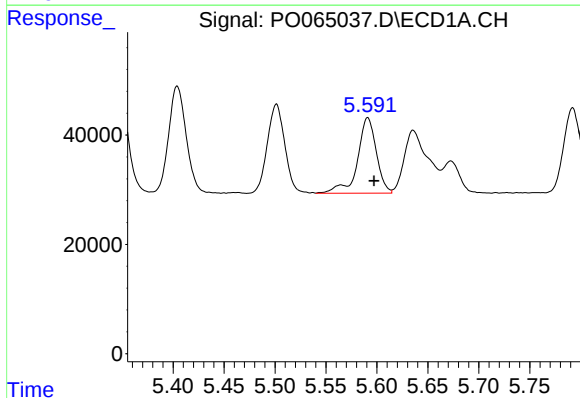
R.T.: 5.322 min
Delta R.T.: -0.006 min
Response: 274418
Conc: 450.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



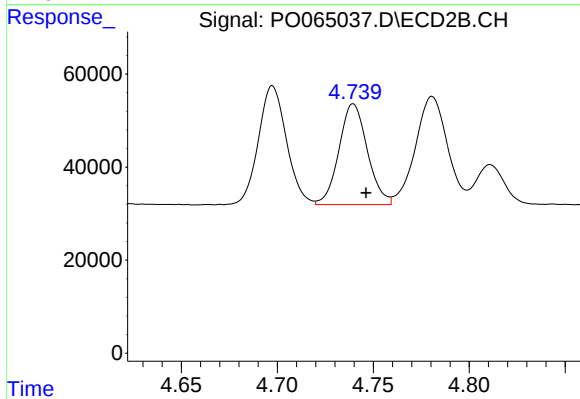
#21 AR-1248-1

R.T.: 4.507 min
Delta R.T.: -0.007 min
Response: 354977
Conc: 473.04 ng/ml



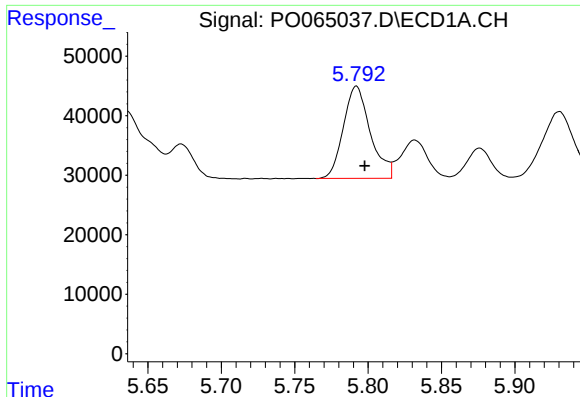
#22 AR-1248-2

R.T.: 5.591 min
Delta R.T.: -0.006 min
Response: 177800
Conc: 202.23 ng/ml



#22 AR-1248-2

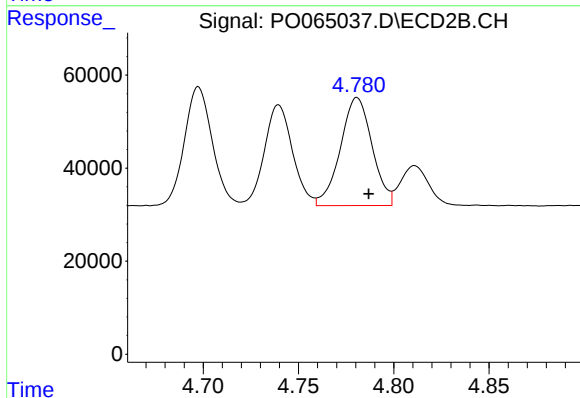
R.T.: 4.740 min
Delta R.T.: -0.007 min
Response: 223501
Conc: 213.04 ng/ml



#23 AR-1248-3

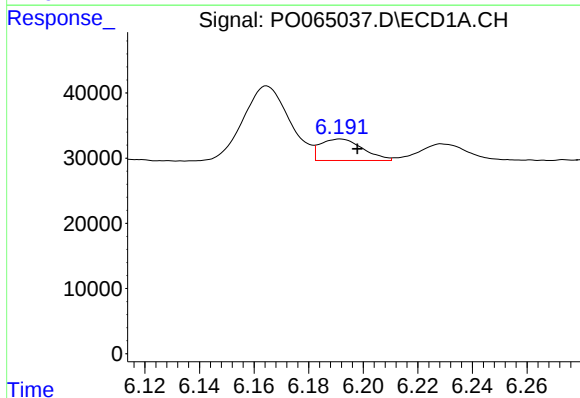
R.T.: 5.792 min
Delta R.T.: -0.006 min
Response: 198131
Conc: 201.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



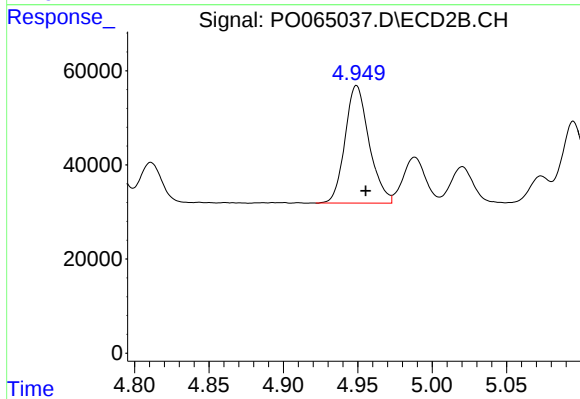
#23 AR-1248-3

R.T.: 4.781 min
Delta R.T.: -0.006 min
Response: 269355
Conc: 248.13 ng/ml



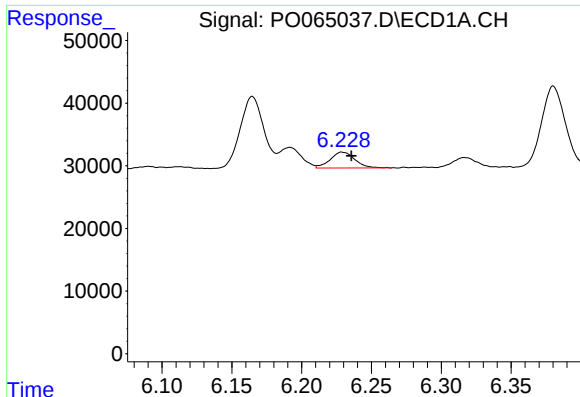
#24 AR-1248-4

R.T.: 6.192 min
Delta R.T.: -0.006 min
Response: 35627
Conc: 29.02 ng/ml



#24 AR-1248-4

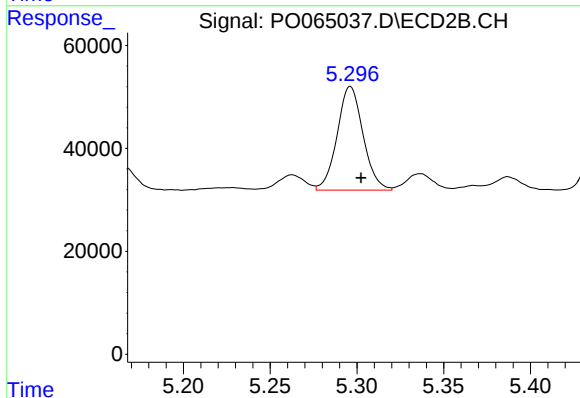
R.T.: 4.949 min
Delta R.T.: -0.006 min
Response: 281305
Conc: 215.04 ng/ml



#25 AR-1248-5

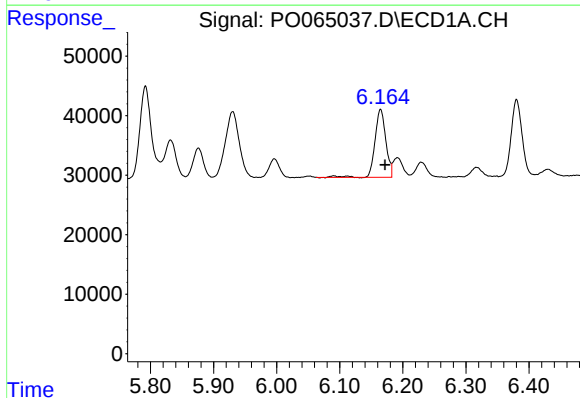
R.T.: 6.229 min
Delta R.T.: -0.006 min
Response: 31438
Conc: 26.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



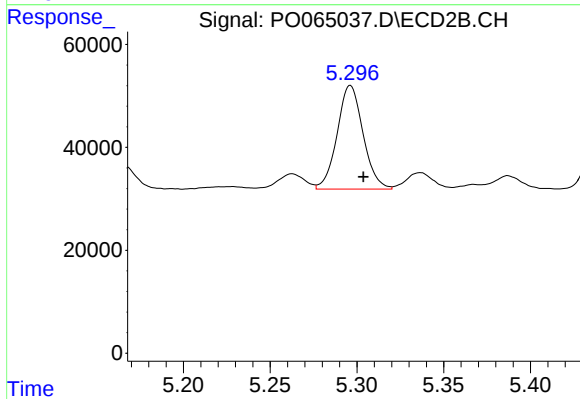
#25 AR-1248-5

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 209921
Conc: 106.62 ng/ml



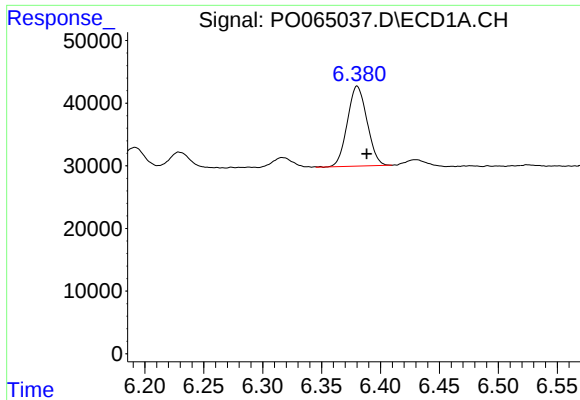
#26 AR-1254-1

R.T.: 6.165 min
Delta R.T.: -0.007 min
Response: 137833
Conc: 108.22 ng/ml



#26 AR-1254-1

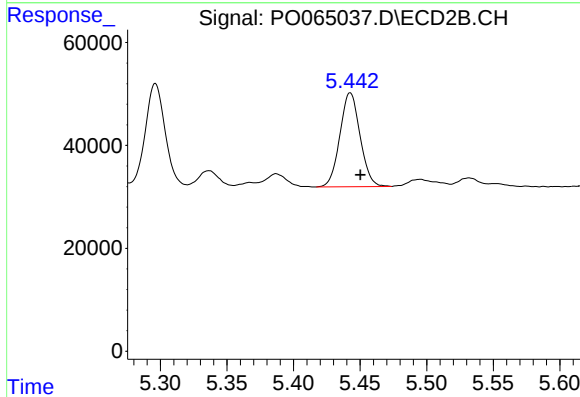
R.T.: 5.296 min
Delta R.T.: -0.007 min
Response: 209921
Conc: 92.74 ng/ml



#27 AR-1254-2

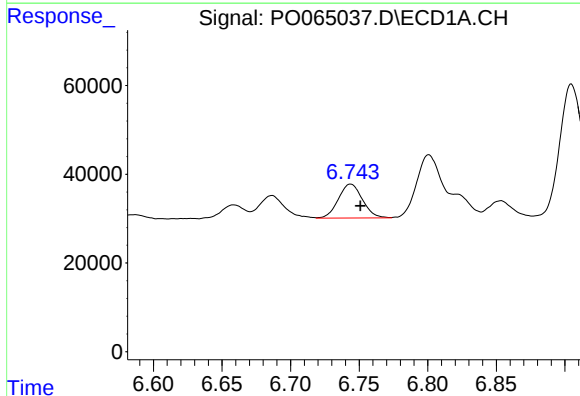
R.T.: 6.380 min
Delta R.T.: -0.008 min
Response: 148109
Conc: 74.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



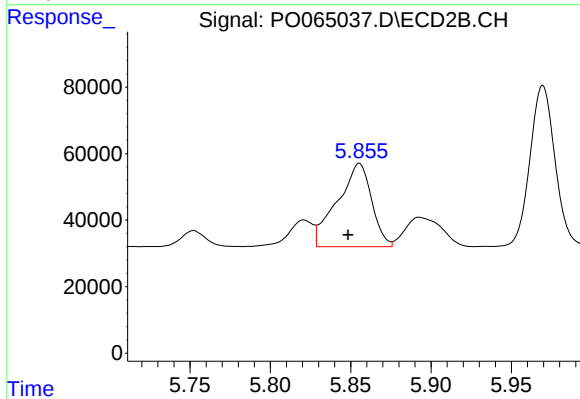
#27 AR-1254-2

R.T.: 5.443 min
Delta R.T.: -0.008 min
Response: 192989
Conc: 95.75 ng/ml



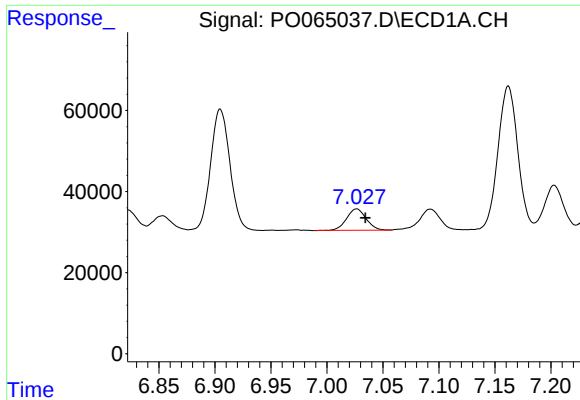
#28 AR-1254-3

R.T.: 6.744 min
Delta R.T.: -0.007 min
Response: 93168
Conc: 41.67 ng/ml



#28 AR-1254-3

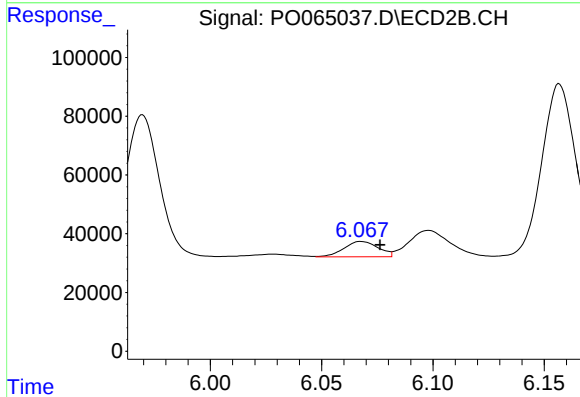
R.T.: 5.855 min
Delta R.T.: 0.007 min
Response: 371791
Conc: 110.04 ng/ml



#29 AR-1254-4

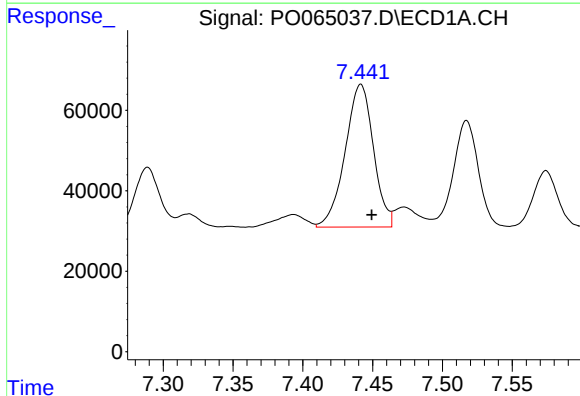
R.T.: 7.027 min
Delta R.T.: -0.008 min
Response: 64132
Conc: 38.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



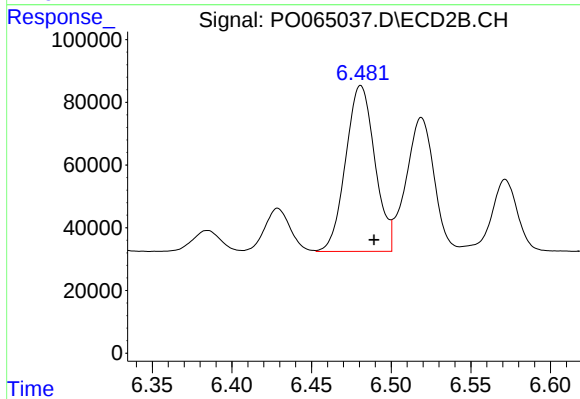
#29 AR-1254-4

R.T.: 6.068 min
Delta R.T.: -0.008 min
Response: 55790
Conc: 25.83 ng/ml



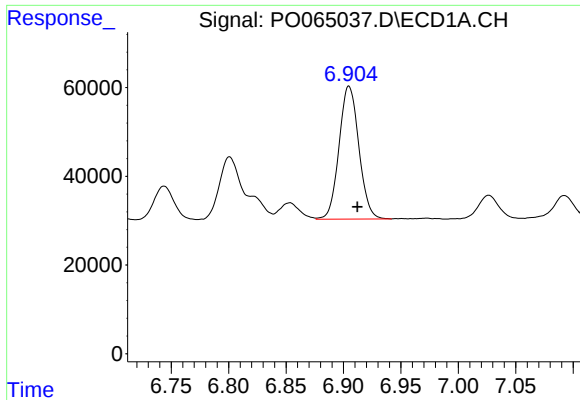
#30 AR-1254-5

R.T.: 7.442 min
Delta R.T.: -0.008 min
Response: 500556
Conc: 256.16 ng/ml



#30 AR-1254-5

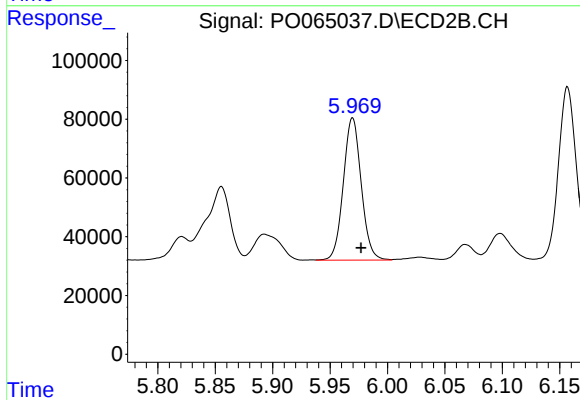
R.T.: 6.481 min
Delta R.T.: -0.008 min
Response: 674941
Conc: 224.27 ng/ml



#31 AR-1260-1

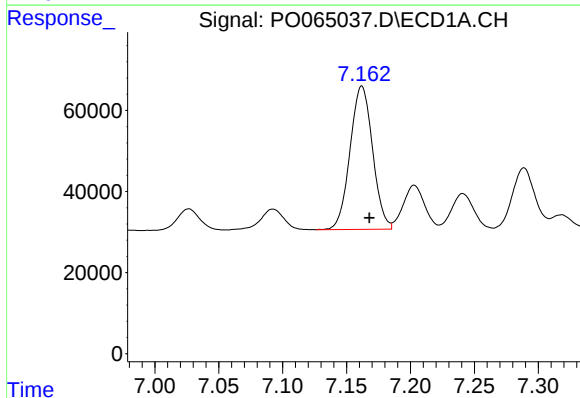
R.T.: 6.905 min
Delta R.T.: -0.007 min
Response: 360498
Conc: 224.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



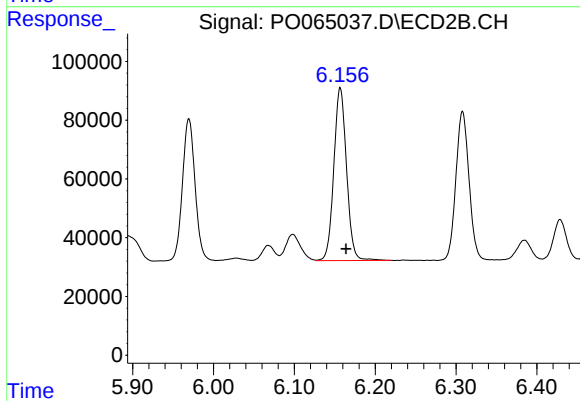
#31 AR-1260-1

R.T.: 5.970 min
Delta R.T.: -0.007 min
Response: 526221
Conc: 239.22 ng/ml



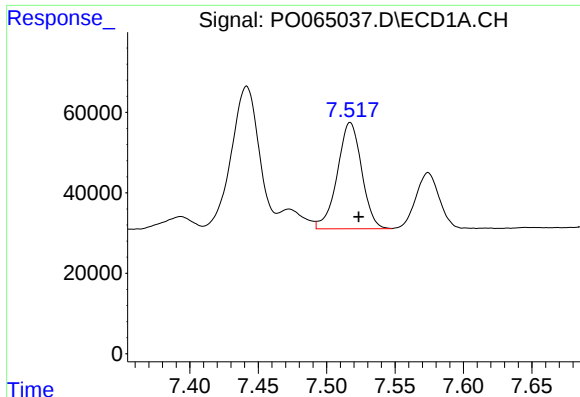
#32 AR-1260-2

R.T.: 7.162 min
Delta R.T.: -0.006 min
Response: 434443
Conc: 224.64 ng/ml



#32 AR-1260-2

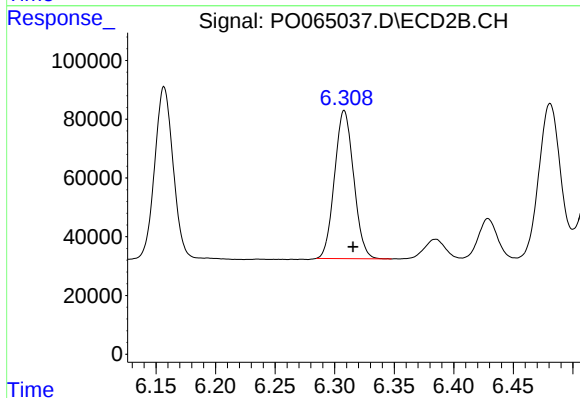
R.T.: 6.157 min
Delta R.T.: -0.007 min
Response: 643223
Conc: 232.78 ng/ml



#33 AR-1260-3

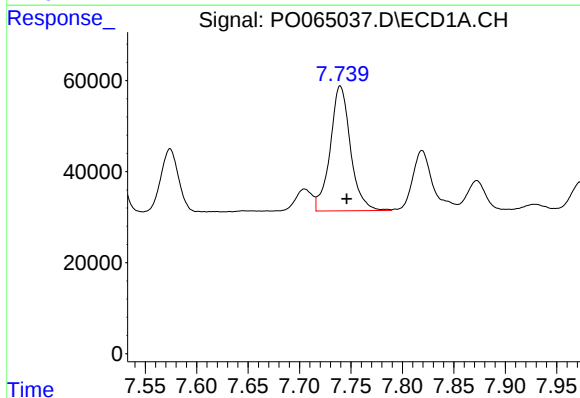
R.T.: 7.517 min
Delta R.T.: -0.006 min
Response: 327638
Conc: 227.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



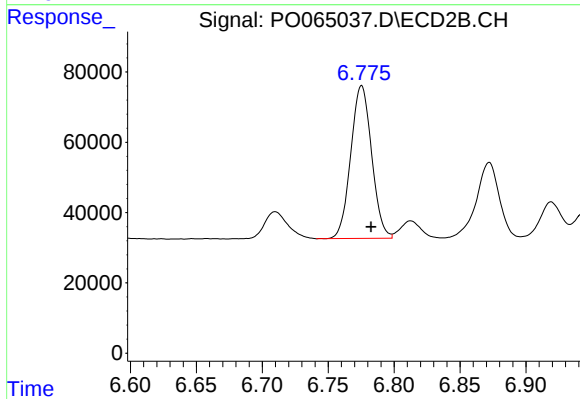
#33 AR-1260-3

R.T.: 6.308 min
Delta R.T.: -0.007 min
Response: 564267
Conc: 230.65 ng/ml



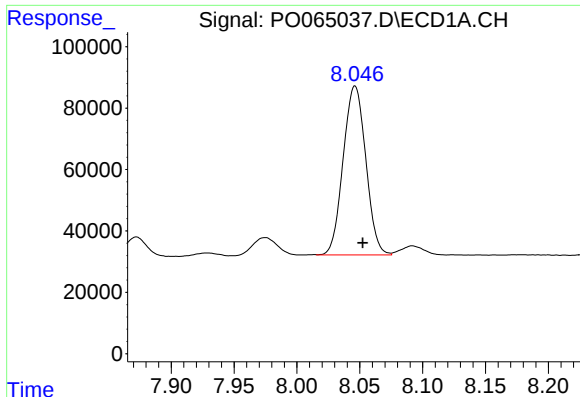
#34 AR-1260-4

R.T.: 7.740 min
Delta R.T.: -0.006 min
Response: 376496
Conc: 221.49 ng/ml



#34 AR-1260-4

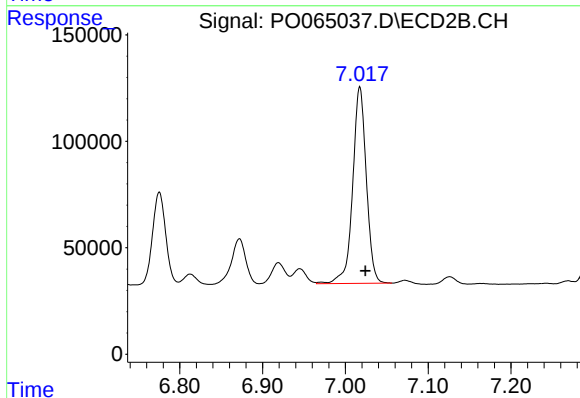
R.T.: 6.775 min
Delta R.T.: -0.007 min
Response: 479788
Conc: 237.98 ng/ml



#35 AR-1260-5

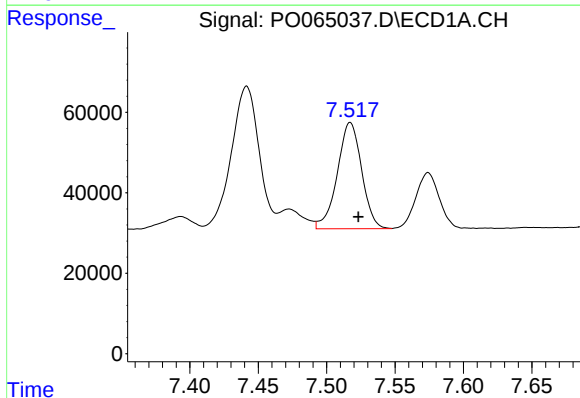
R.T.: 8.046 min
Delta R.T.: -0.006 min
Response: 690324
Conc: 213.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



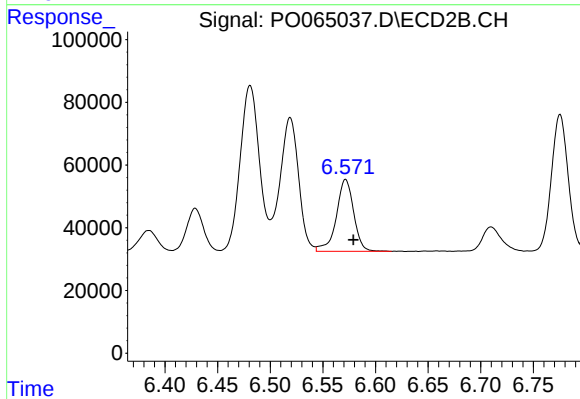
#35 AR-1260-5

R.T.: 7.018 min
Delta R.T.: -0.007 min
Response: 1057765
Conc: 225.00 ng/ml



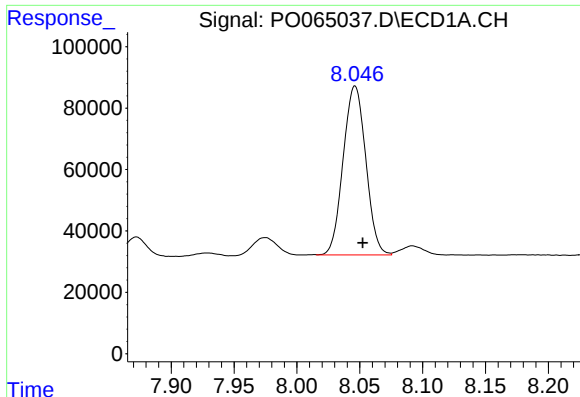
#36 AR-1262-1

R.T.: 7.517 min
Delta R.T.: -0.006 min
Response: 327638
Conc: 143.95 ng/ml



#36 AR-1262-1

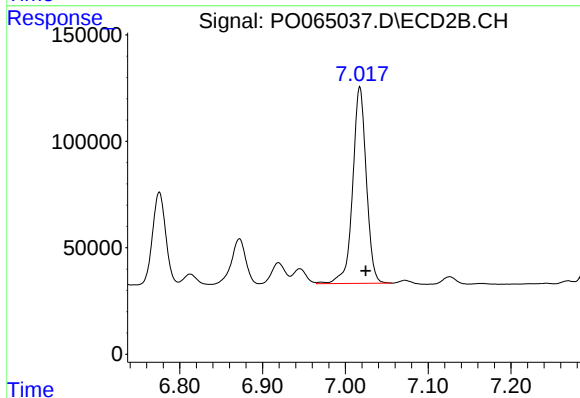
R.T.: 6.572 min
Delta R.T.: -0.008 min
Response: 263894
Conc: 201.01 ng/ml



#37 AR-1262-2

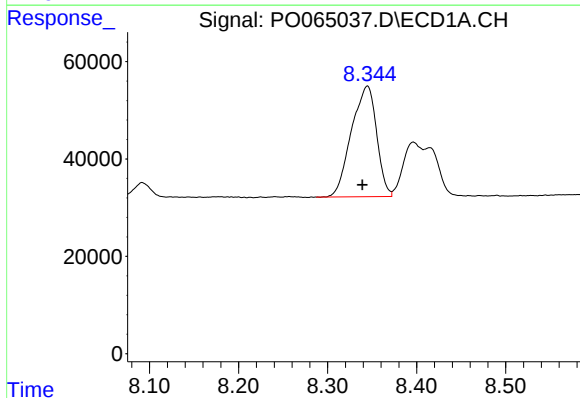
R.T.: 8.046 min
Delta R.T.: -0.006 min
Response: 690324
Conc: 179.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



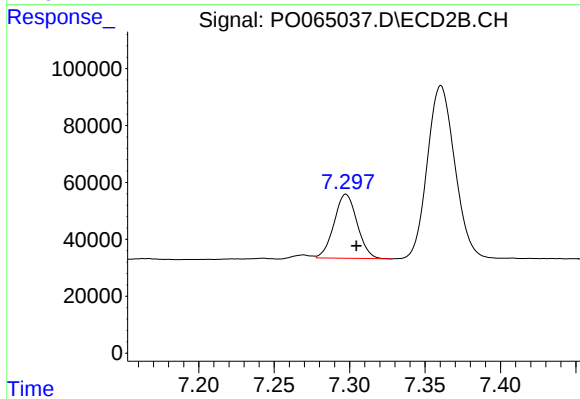
#37 AR-1262-2

R.T.: 7.018 min
Delta R.T.: -0.007 min
Response: 1057765
Conc: 188.49 ng/ml



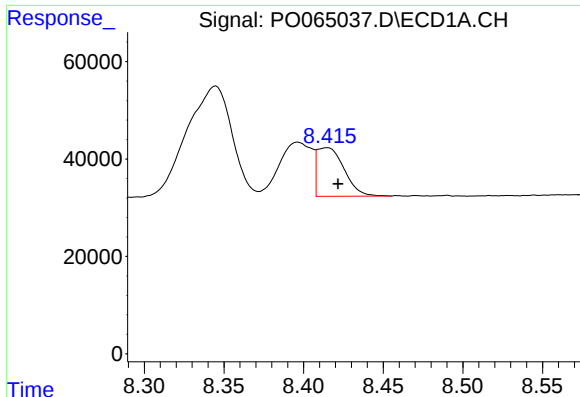
#38 AR-1262-3

R.T.: 8.345 min
Delta R.T.: 0.006 min
Response: 447279
Conc: 171.29 ng/ml



#38 AR-1262-3

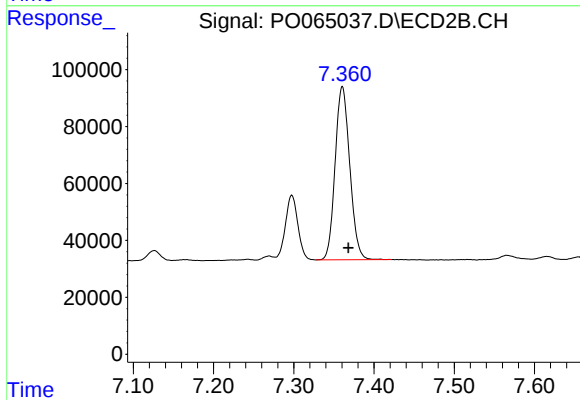
R.T.: 7.298 min
Delta R.T.: -0.007 min
Response: 239386
Conc: 114.30 ng/ml



#39 AR-1262-4

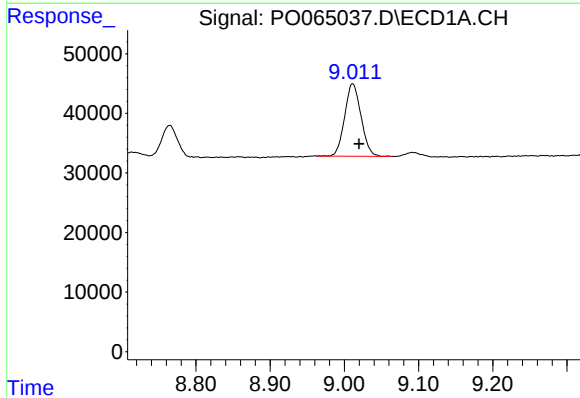
R.T.: 8.415 min
Delta R.T.: -0.007 min
Response: 117513
Conc: 59.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



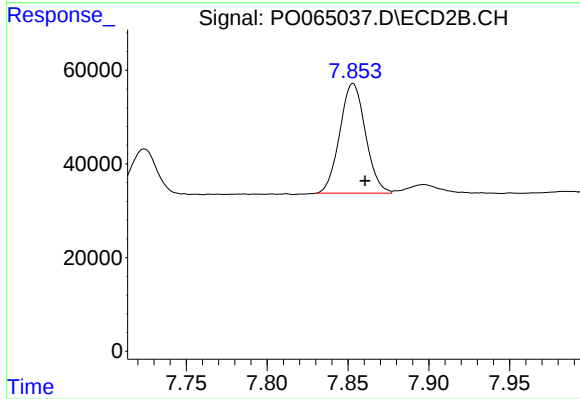
#39 AR-1262-4

R.T.: 7.361 min
Delta R.T.: -0.008 min
Response: 773184
Conc: 194.90 ng/ml



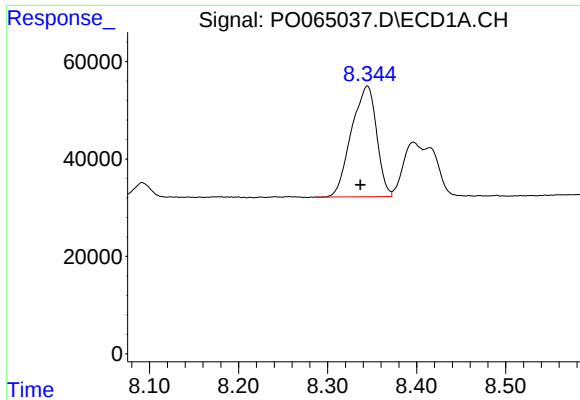
#40 AR-1262-5

R.T.: 9.011 min
Delta R.T.: -0.009 min
Response: 186308
Conc: 139.60 ng/ml



#40 AR-1262-5

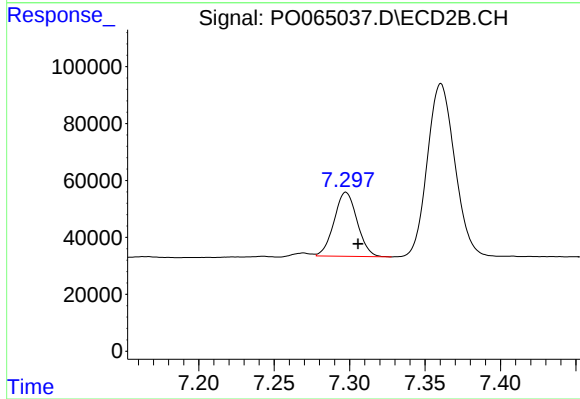
R.T.: 7.853 min
Delta R.T.: -0.007 min
Response: 259585
Conc: 156.52 ng/ml



#41 AR-1268-1

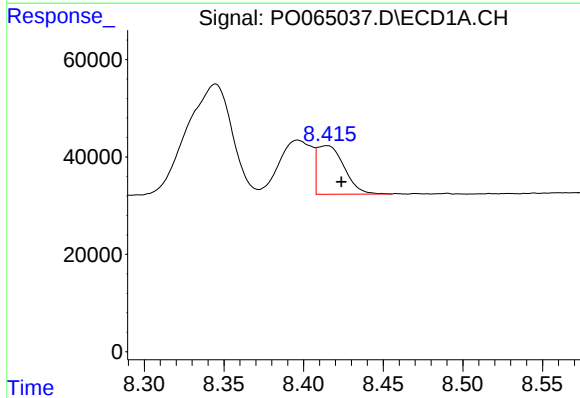
R.T.: 8.345 min
Delta R.T.: 0.008 min
Response: 447279
Conc: 105.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



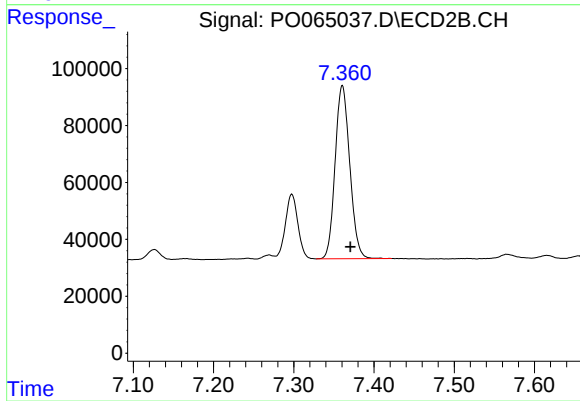
#41 AR-1268-1

R.T.: 7.298 min
Delta R.T.: -0.008 min
Response: 239386
Conc: 40.32 ng/ml



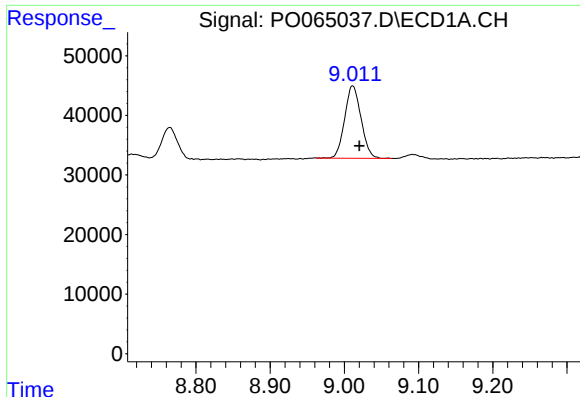
#42 AR-1268-2

R.T.: 8.415 min
Delta R.T.: -0.009 min
Response: 117513
Conc: 30.35 ng/ml



#42 AR-1268-2

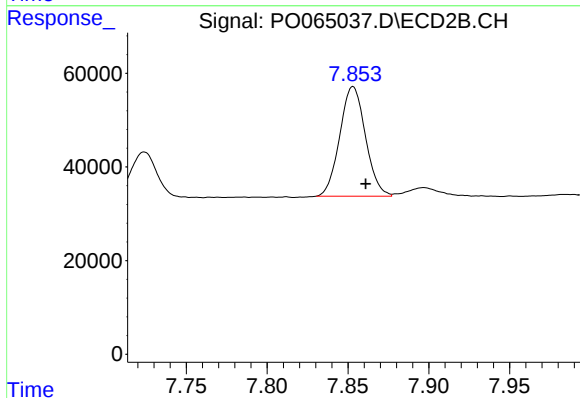
R.T.: 7.361 min
Delta R.T.: -0.010 min
Response: 773184
Conc: 144.38 ng/ml



#44 AR-1268-4

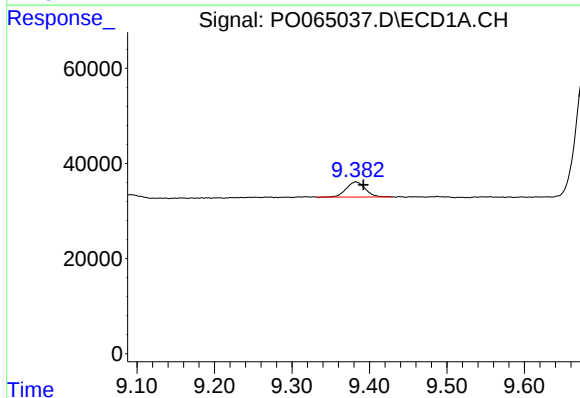
R.T.: 9.011 min
Delta R.T.: -0.009 min
Response: 186308
Conc: 138.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



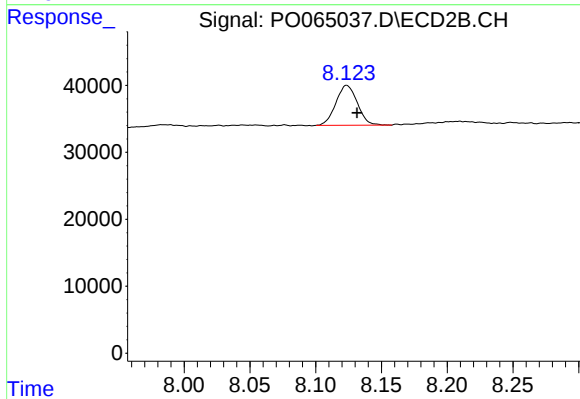
#44 AR-1268-4

R.T.: 7.853 min
Delta R.T.: -0.008 min
Response: 259585
Conc: 150.33 ng/ml



#45 AR-1268-5

R.T.: 9.382 min
Delta R.T.: -0.010 min
Response: 54182
Conc: 5.95 ng/ml



#45 AR-1268-5

R.T.: 8.124 min
Delta R.T.: -0.008 min
Response: 67831
Conc: 5.51 ng/ml