

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011019\
 Data File : P0053336.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Jan 2019 8:26
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 00:38:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 03:34:05 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...	4.166	3.203	70181412	11028058	52.521	44.105
2)	SA Decachlor...	9.625	7.847	45190083	13517480	57.213	59.027
Target Compounds							
3)	L1 AR-1016-1	5.312	4.191	18141188	4267097	497.296	432.799
4)	L1 AR-1016-2	5.334	4.206	27020195	6622437	510.396	446.814
5)	L1 AR-1016-3	5.394	4.365	16811452	3658133	524.941	454.590
6)	L1 AR-1016-4	5.492	4.408	13713843	2850703	531.102	472.020
7)	L1 AR-1016-5	5.779	4.600	12472622	3671006	528.243	466.583
8)	L2 AR-1221-1	4.370	3.398	1826374	372468	121.868	117.262
9)	L2 AR-1221-2	4.461	3.476	2742726	557175	249.911	231.578
10)	L2 AR-1221-3	4.536	3.544	10060232	2067942	288.718	270.371
11)	L3 AR-1232-1	4.536	3.544	10060232	2067942	353.108	338.705
12)	L3 AR-1232-2	5.050	4.206	13434102	6622437	1002.391	894.064
13)	L3 AR-1232-3	5.334	4.365	27020195	3658133	1012.482	905.041
14)	L3 AR-1232-4	5.492	4.444	13713843	3403696	1071.518	1004.836
15)	L3 AR-1232-5	5.578	4.600	10029848	3671006	1261.443	1035.517
16)	L4 AR-1242-1	5.312	4.191	18141188	4267097	538.286	497.172
17)	L4 AR-1242-2	5.334	4.206	27020195	6622437	547.198	499.924
18)	L4 AR-1242-3	5.394	4.365	16811452	3658133	567.482	509.961
19)	L4 AR-1242-4	5.492	4.444	13713843	3403696	578.086	504.420
20)	L4 AR-1242-5	6.214	4.925	3559395	4377510	152.679	494.453 #
21)	L5 AR-1248-1	5.312	4.191	18141188	4267097	735.798	638.714
22)	L5 AR-1248-2	5.578	4.408	10029848	2850703	327.937	318.102
23)	L5 AR-1248-3	5.779	4.444	12472622	3403696	364.225	368.247
24)	L5 AR-1248-4	6.177	4.600	4451021	3671006	118.270	335.175 #
25)	L5 AR-1248-5	6.214	4.964	3559395	1059130	98.954	95.557
26)	L6 AR-1254-1	6.148	4.925	12149304	4377510	287.835	221.831
27)	L6 AR-1254-2	6.361	5.065	11422300	3406467	178.425	207.568
28)	L6 AR-1254-3	6.726	5.453	6484364	5931791	98.883	234.457 #
29)	L6 AR-1254-4	7.007	5.660	4337193	1031937	90.042	62.887 #
30)	L6 AR-1254-5	7.420	6.052	33025063	11170610	712.906	531.324 #
31)	L7 AR-1260-1	6.883	5.561	22196763	7881357	567.853	530.492
32)	L7 AR-1260-2	7.138	5.745	27158058	9708145	567.012	537.756
33)	L7 AR-1260-3	7.490	5.884	17607647	8928369	591.576	546.289
34)	L7 AR-1260-4	7.714	6.332	19405787	6018585	575.688	574.127
35)	L7 AR-1260-5	8.020	6.573	39321180	14462770	575.577	561.982
36)	L8 AR-1262-1	7.490	6.087	17607647	7145197	292.577	328.957
37)	L8 AR-1262-2	8.020	6.573	39321180	14462770	387.056	399.331
38)	L8 AR-1262-3	8.299	6.839	7221763	2727806	155.830	192.394
39)	L8 AR-1262-4	8.367	6.900	14678809	10290361	273.033	389.660 #
40)	L8 AR-1262-5	8.977	7.385	9548772	3154323	248.092	257.820
41)	L9 AR-1268-1	8.299	6.839	7221763	2727806	56.293	64.673

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Acq On : 10 Jan 2019 8:26
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

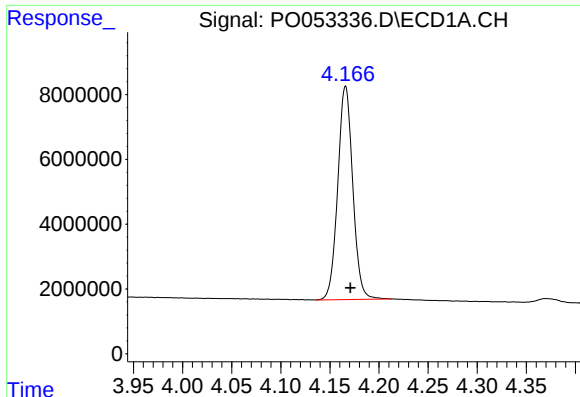
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 11 00:38:59 2019
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.367	6.900	14678809	10290361	119.765	258.190 #
43)	L9 AR-1268-3	8.582	7.090	857076	244096	7.839	7.278
44)	L9 AR-1268-4	8.977	7.385	9548772	3154323	219.084	225.783
45)	L9 AR-1268-5	9.337	7.643	2626669	892087	7.637	8.990

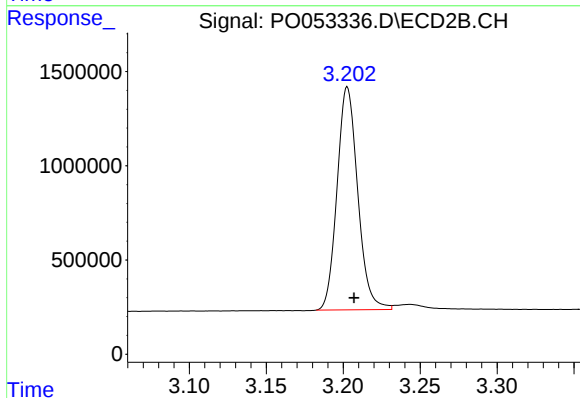
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

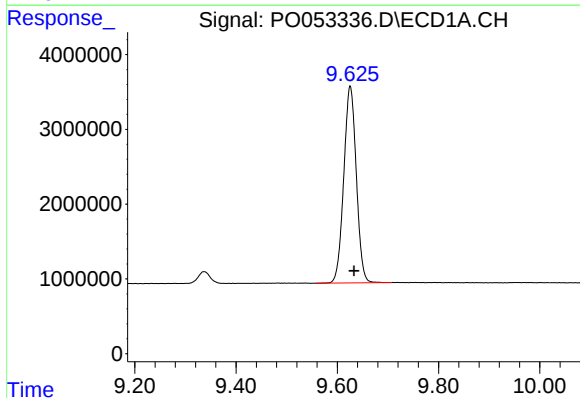
R.T.: 4.166 min
Delta R.T.: -0.005 min
Response: 70181412
Conc: 52.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



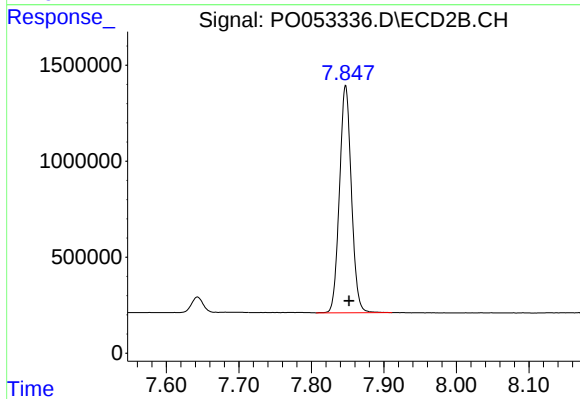
#1 Tetrachloro-m-xylene

R.T.: 3.203 min
Delta R.T.: -0.004 min
Response: 11028058
Conc: 44.10 ng/ml



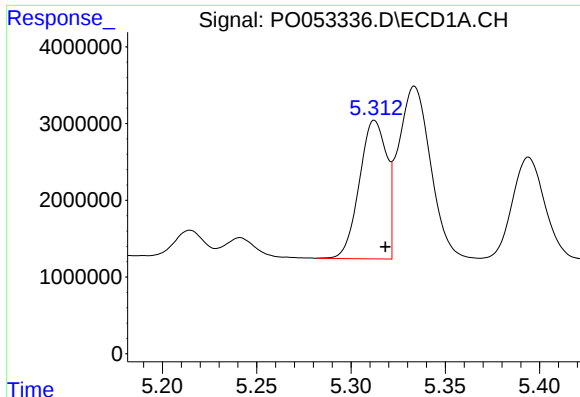
#2 Decachlorobiphenyl

R.T.: 9.625 min
Delta R.T.: -0.008 min
Response: 45190083
Conc: 57.21 ng/ml



#2 Decachlorobiphenyl

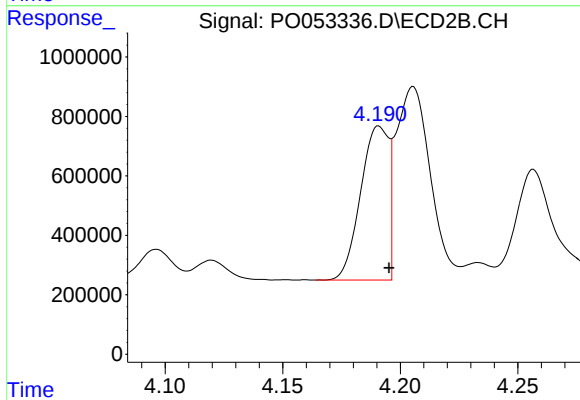
R.T.: 7.847 min
Delta R.T.: -0.005 min
Response: 13517480
Conc: 59.03 ng/ml



#3 AR-1016-1

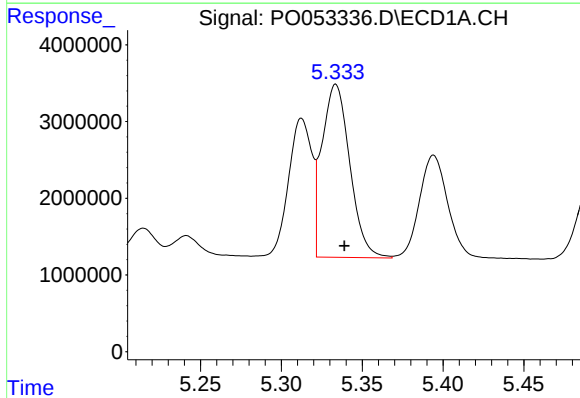
R.T.: 5.312 min
Delta R.T.: -0.006 min
Response: 18141188
Conc: 497.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



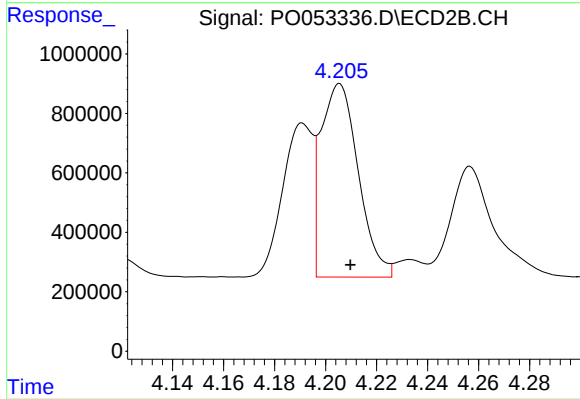
#3 AR-1016-1

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 4267097
Conc: 432.80 ng/ml



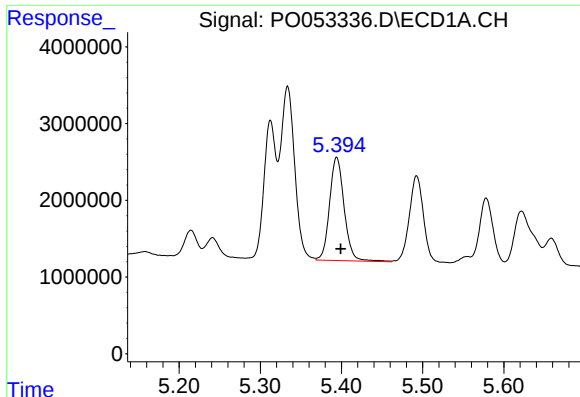
#4 AR-1016-2

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 27020195
Conc: 510.40 ng/ml



#4 AR-1016-2

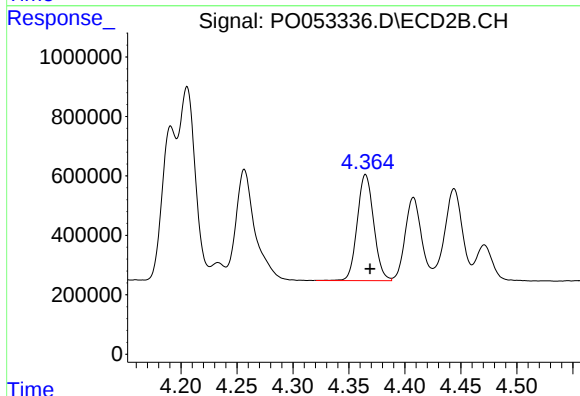
R.T.: 4.206 min
Delta R.T.: -0.004 min
Response: 6622437
Conc: 446.81 ng/ml



#5 AR-1016-3

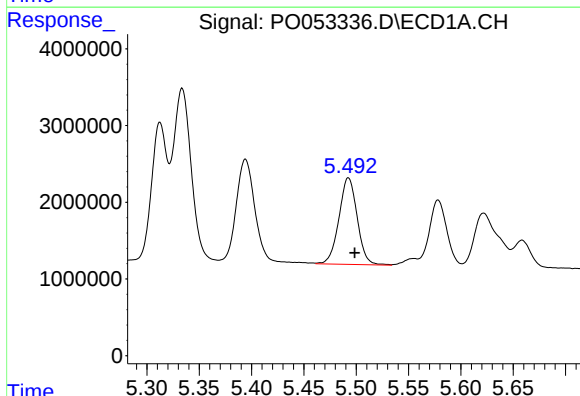
R.T.: 5.394 min
Delta R.T.: -0.005 min
Response: 16811452
Conc: 524.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



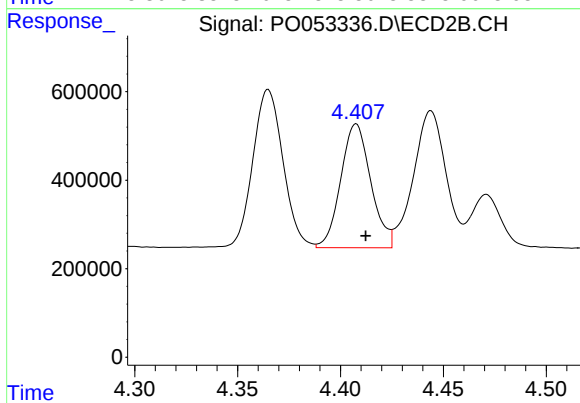
#5 AR-1016-3

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3658133
Conc: 454.59 ng/ml



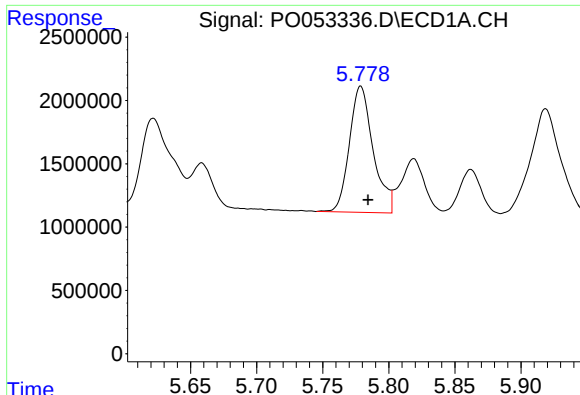
#6 AR-1016-4

R.T.: 5.492 min
Delta R.T.: -0.006 min
Response: 13713843
Conc: 531.10 ng/ml



#6 AR-1016-4

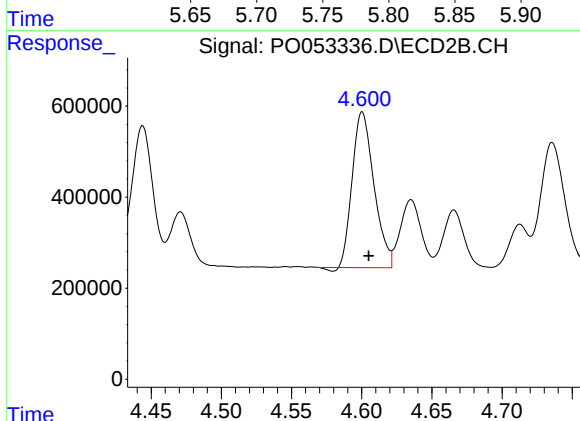
R.T.: 4.408 min
Delta R.T.: -0.005 min
Response: 2850703
Conc: 472.02 ng/ml



#7 AR-1016-5

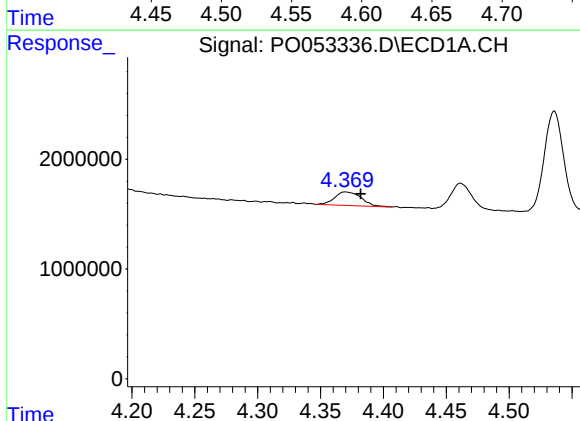
R.T.: 5.779 min
Delta R.T.: -0.006 min
Response: 12472622
Conc: 528.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



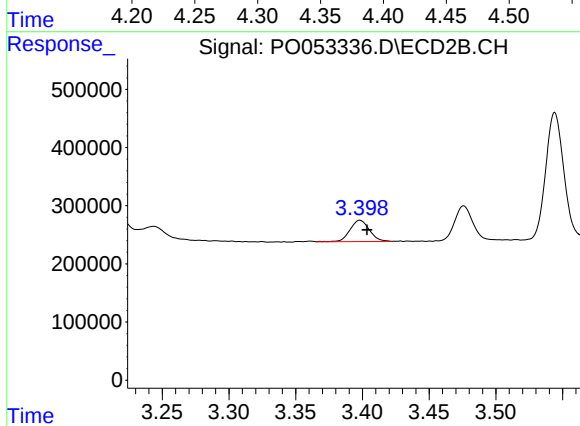
#7 AR-1016-5

R.T.: 4.600 min
Delta R.T.: -0.005 min
Response: 3671006
Conc: 466.58 ng/ml



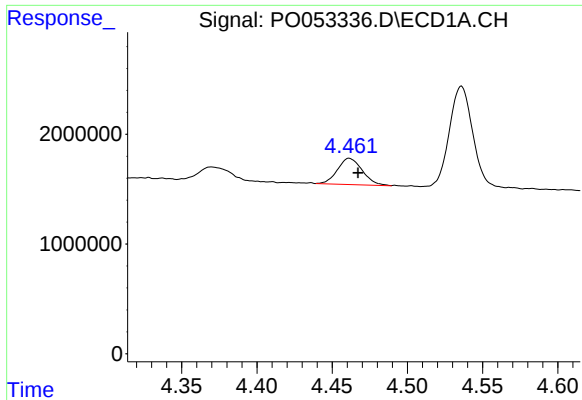
#8 AR-1221-1

R.T.: 4.370 min
Delta R.T.: -0.012 min
Response: 1826374
Conc: 121.87 ng/ml



#8 AR-1221-1

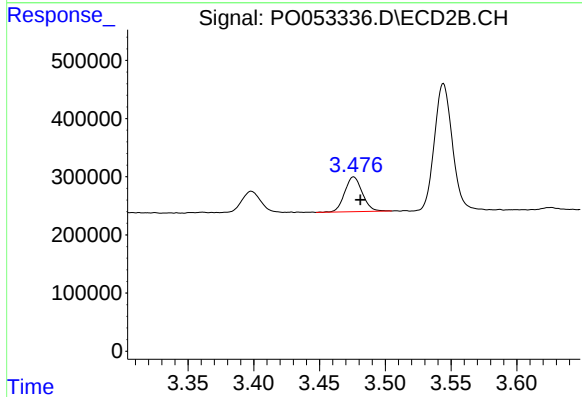
R.T.: 3.398 min
Delta R.T.: -0.005 min
Response: 372468
Conc: 117.26 ng/ml



#9 AR-1221-2

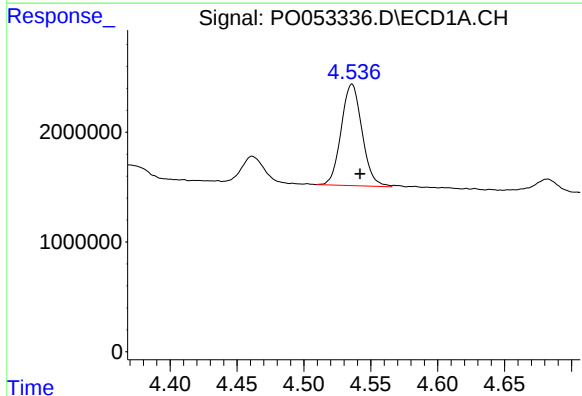
R.T.: 4.461 min
Delta R.T.: -0.006 min
Response: 2742726
Conc: 249.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



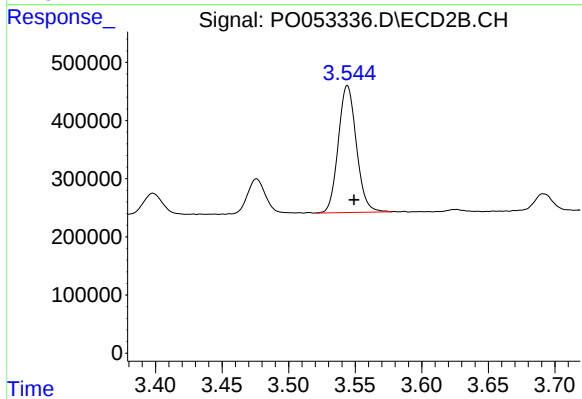
#9 AR-1221-2

R.T.: 3.476 min
Delta R.T.: -0.005 min
Response: 557175
Conc: 231.58 ng/ml



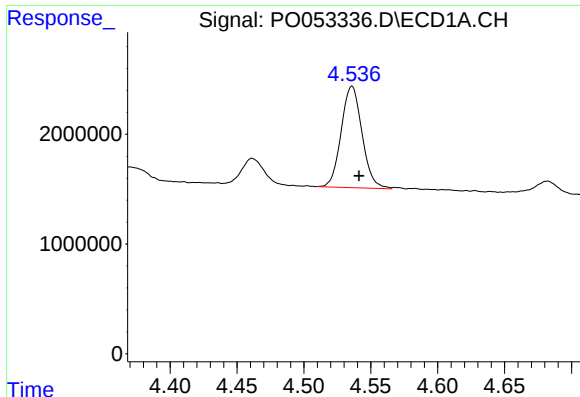
#10 AR-1221-3

R.T.: 4.536 min
Delta R.T.: -0.006 min
Response: 10060232
Conc: 288.72 ng/ml



#10 AR-1221-3

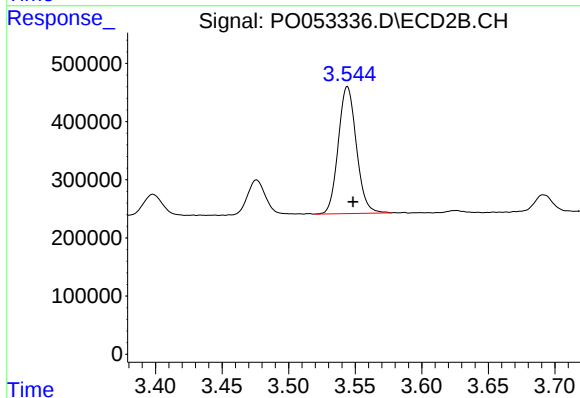
R.T.: 3.544 min
Delta R.T.: -0.005 min
Response: 2067942
Conc: 270.37 ng/ml



#11 AR-1232-1

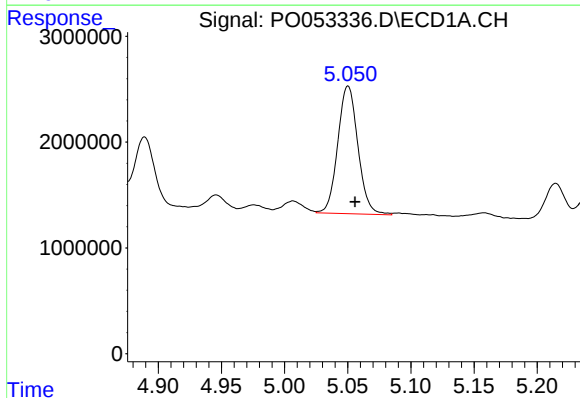
R.T.: 4.536 min
Delta R.T.: -0.005 min
Response: 10060232
Conc: 353.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



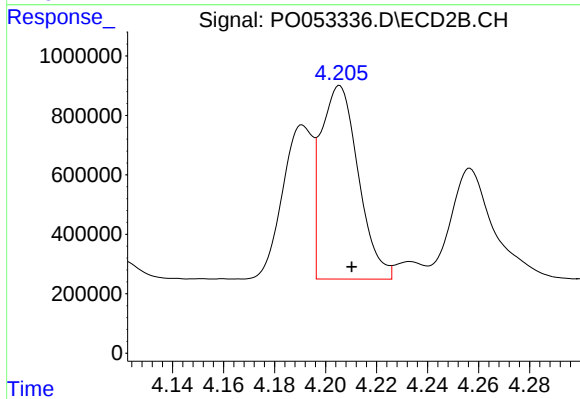
#11 AR-1232-1

R.T.: 3.544 min
Delta R.T.: -0.004 min
Response: 2067942
Conc: 338.71 ng/ml



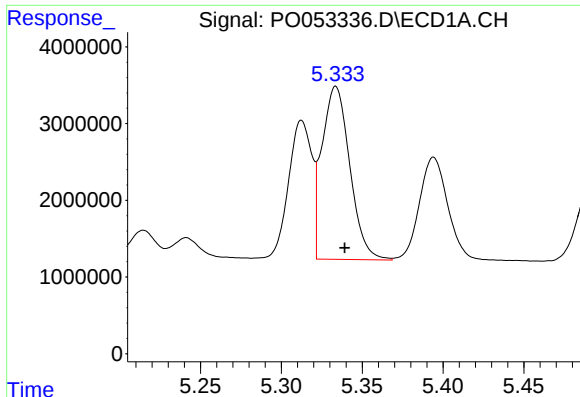
#12 AR-1232-2

R.T.: 5.050 min
Delta R.T.: -0.005 min
Response: 13434102
Conc: 1002.39 ng/ml



#12 AR-1232-2

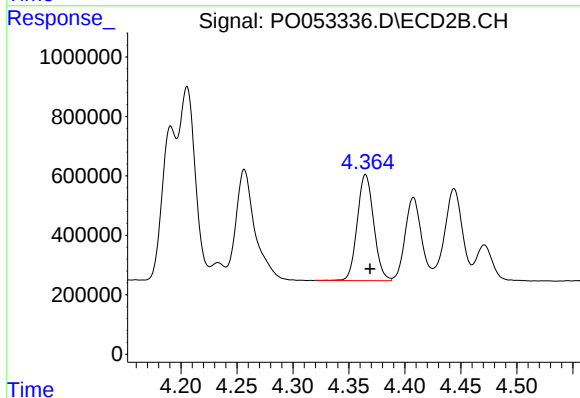
R.T.: 4.206 min
Delta R.T.: -0.005 min
Response: 6622437
Conc: 894.06 ng/ml



#13 AR-1232-3

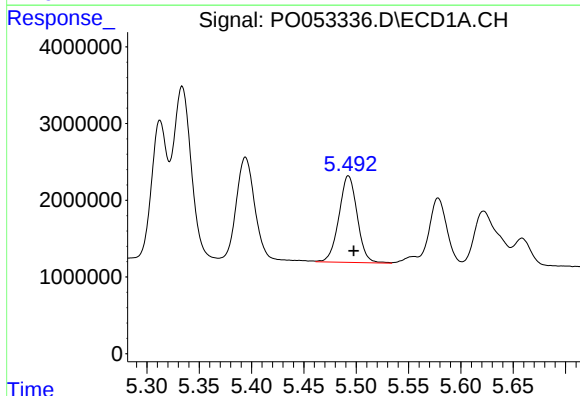
R.T.: 5.334 min
Delta R.T.: -0.006 min
Response: 27020195
Conc: 1012.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



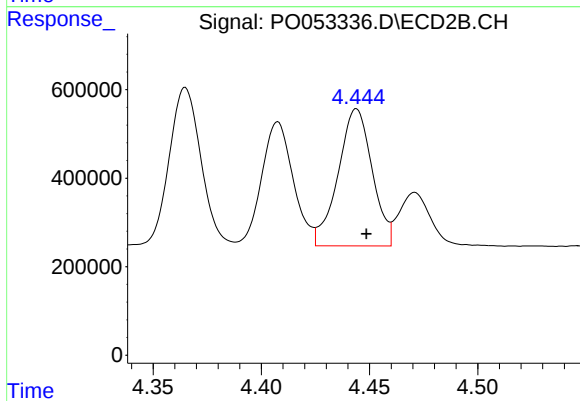
#13 AR-1232-3

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3658133
Conc: 905.04 ng/ml



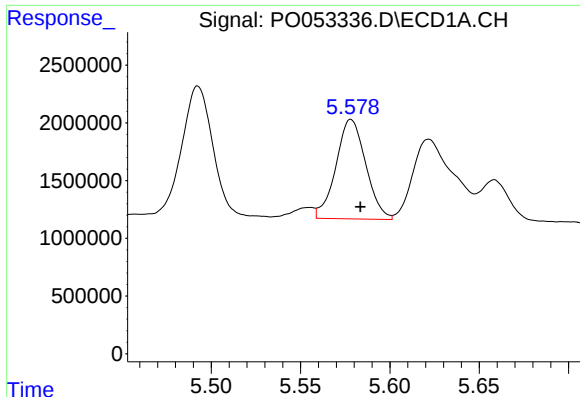
#14 AR-1232-4

R.T.: 5.492 min
Delta R.T.: -0.005 min
Response: 13713843
Conc: 1071.52 ng/ml



#14 AR-1232-4

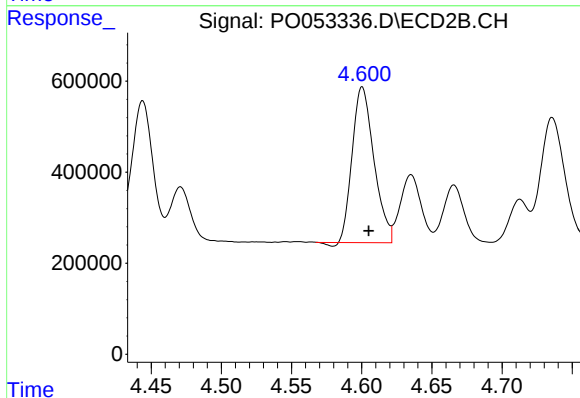
R.T.: 4.444 min
Delta R.T.: -0.005 min
Response: 3403696
Conc: 1004.84 ng/ml



#15 AR-1232-5

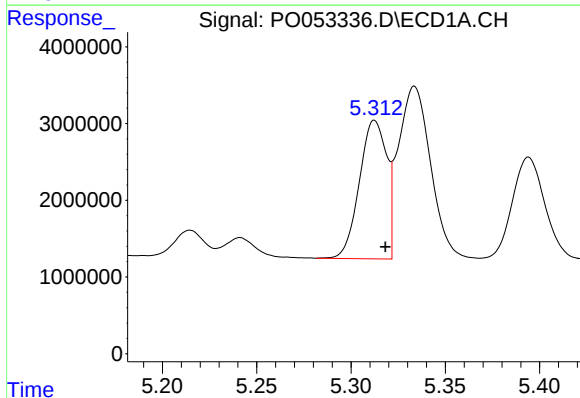
R.T.: 5.578 min
Delta R.T.: -0.005 min
Response: 10029848
Conc: 1261.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



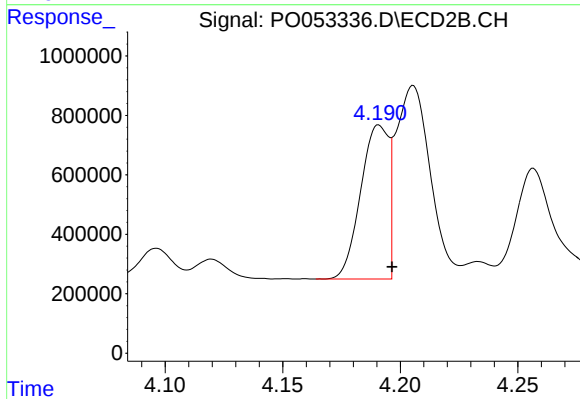
#15 AR-1232-5

R.T.: 4.600 min
Delta R.T.: -0.004 min
Response: 3671006
Conc: 1035.52 ng/ml



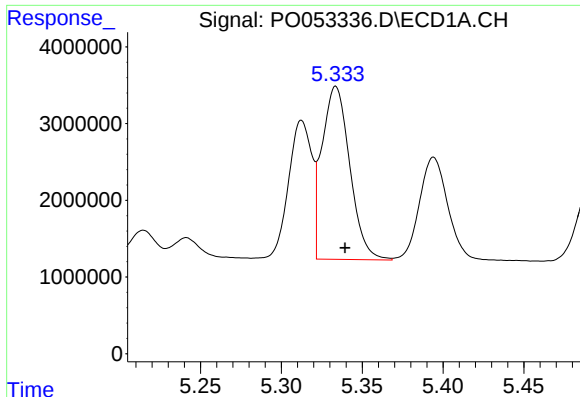
#16 AR-1242-1

R.T.: 5.312 min
Delta R.T.: -0.006 min
Response: 18141188
Conc: 538.29 ng/ml



#16 AR-1242-1

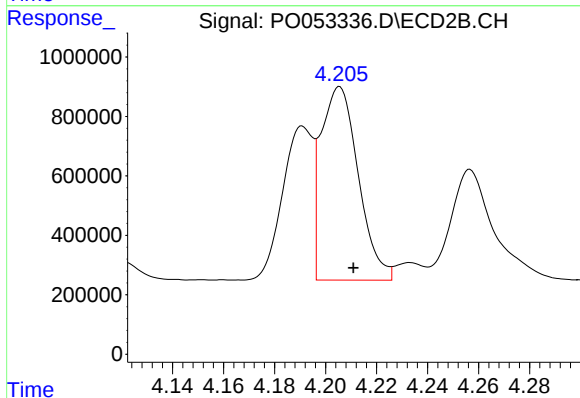
R.T.: 4.191 min
Delta R.T.: -0.006 min
Response: 4267097
Conc: 497.17 ng/ml



#17 AR-1242-2

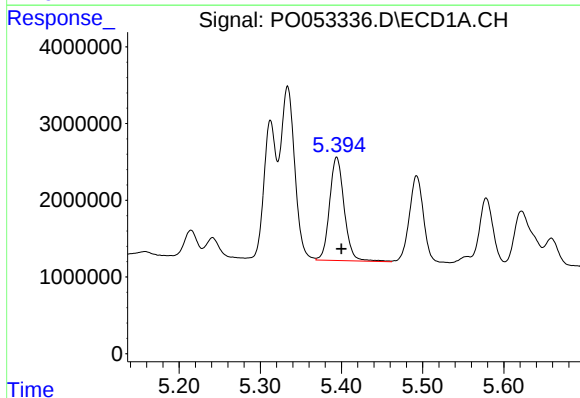
R.T.: 5.334 min
Delta R.T.: -0.006 min
Response: 27020195
Conc: 547.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



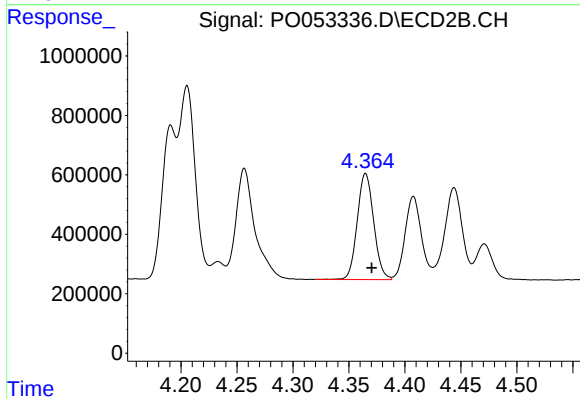
#17 AR-1242-2

R.T.: 4.206 min
Delta R.T.: -0.005 min
Response: 6622437
Conc: 499.92 ng/ml



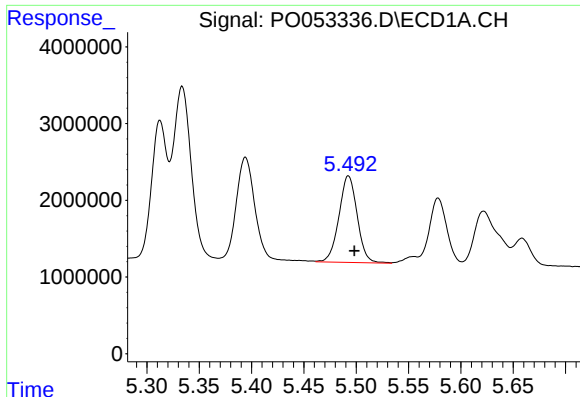
#18 AR-1242-3

R.T.: 5.394 min
Delta R.T.: -0.006 min
Response: 16811452
Conc: 567.48 ng/ml



#18 AR-1242-3

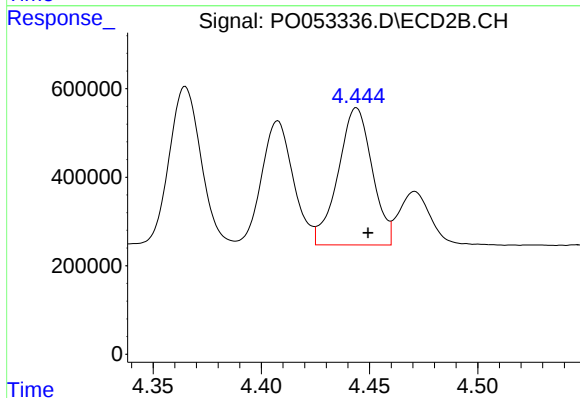
R.T.: 4.365 min
Delta R.T.: -0.005 min
Response: 3658133
Conc: 509.96 ng/ml



#19 AR-1242-4

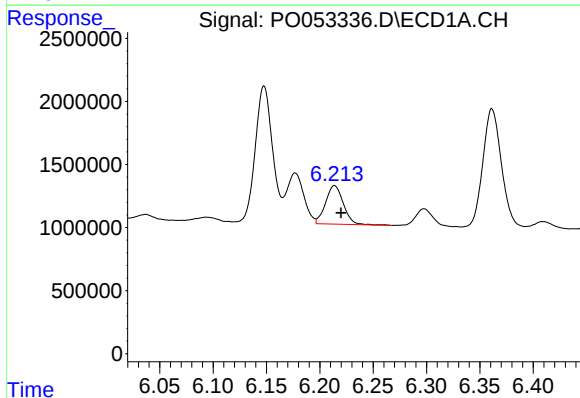
R.T.: 5.492 min
Delta R.T.: -0.006 min
Response: 13713843
Conc: 578.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



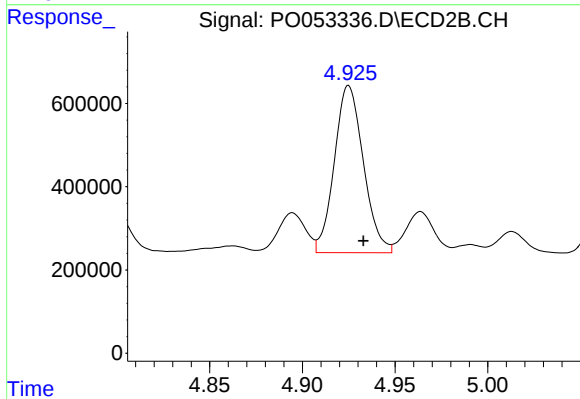
#19 AR-1242-4

R.T.: 4.444 min
Delta R.T.: -0.005 min
Response: 3403696
Conc: 504.42 ng/ml



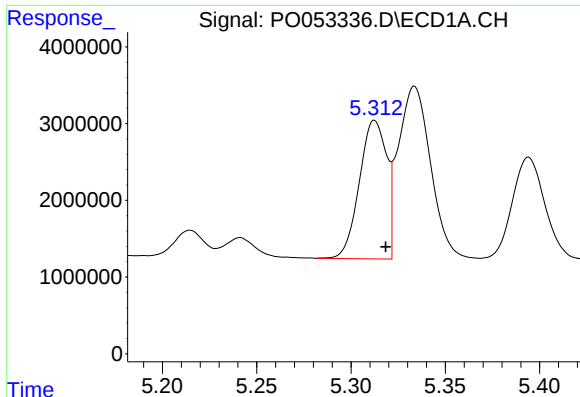
#20 AR-1242-5

R.T.: 6.214 min
Delta R.T.: -0.006 min
Response: 3559395
Conc: 152.68 ng/ml



#20 AR-1242-5

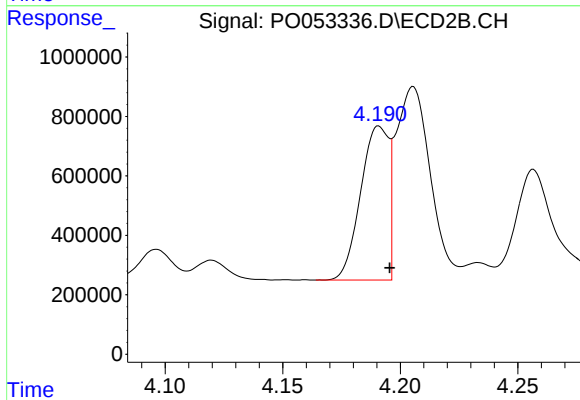
R.T.: 4.925 min
Delta R.T.: -0.008 min
Response: 4377510
Conc: 494.45 ng/ml



#21 AR-1248-1

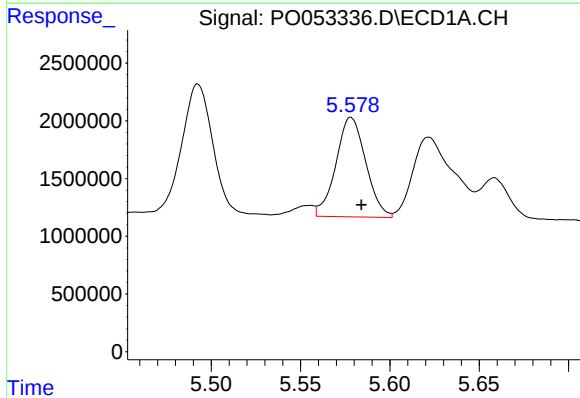
R.T.: 5.312 min
Delta R.T.: -0.006 min
Response: 18141188
Conc: 735.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



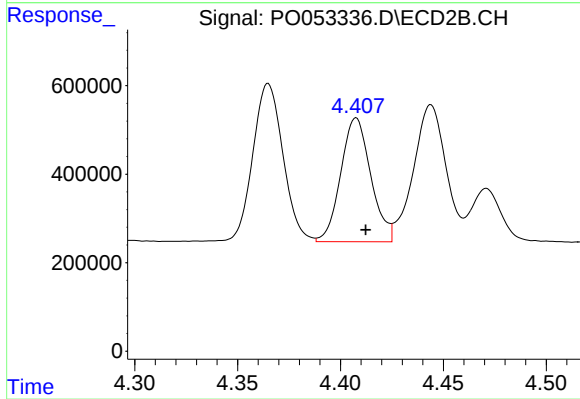
#21 AR-1248-1

R.T.: 4.191 min
Delta R.T.: -0.005 min
Response: 4267097
Conc: 638.71 ng/ml



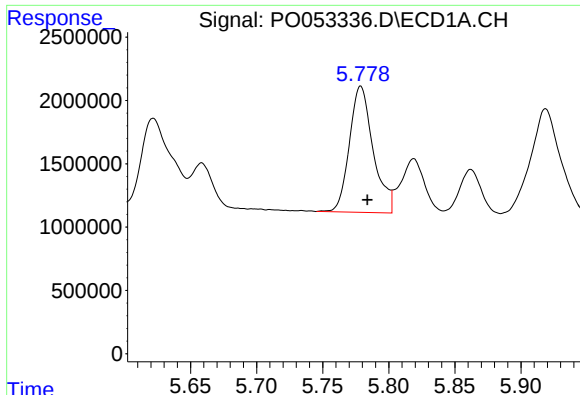
#22 AR-1248-2

R.T.: 5.578 min
Delta R.T.: -0.006 min
Response: 10029848
Conc: 327.94 ng/ml



#22 AR-1248-2

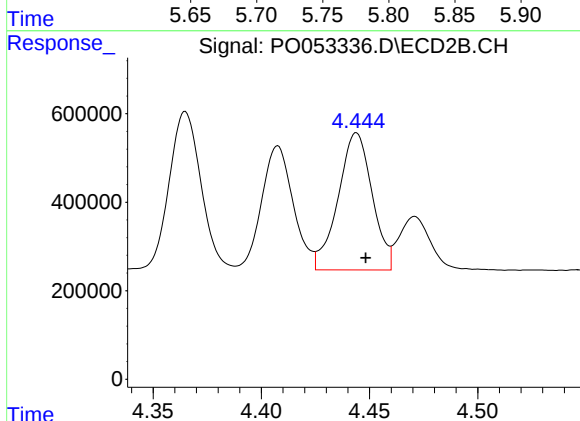
R.T.: 4.408 min
Delta R.T.: -0.005 min
Response: 2850703
Conc: 318.10 ng/ml



#23 AR-1248-3

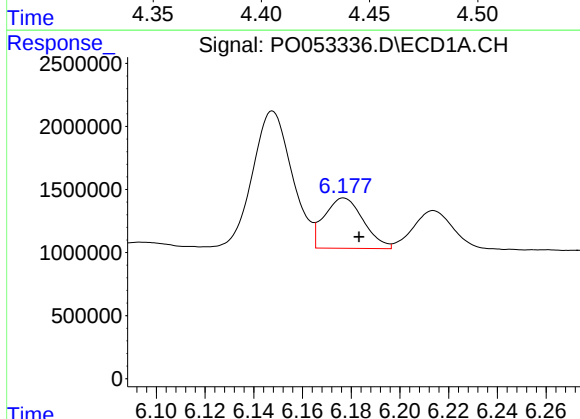
R.T.: 5.779 min
Delta R.T.: -0.005 min
Response: 12472622
Conc: 364.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



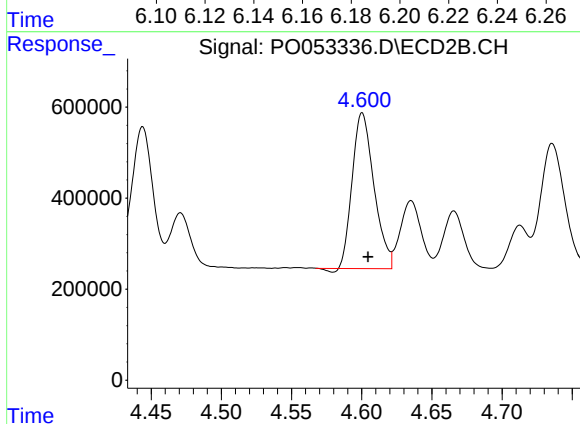
#23 AR-1248-3

R.T.: 4.444 min
Delta R.T.: -0.004 min
Response: 3403696
Conc: 368.25 ng/ml



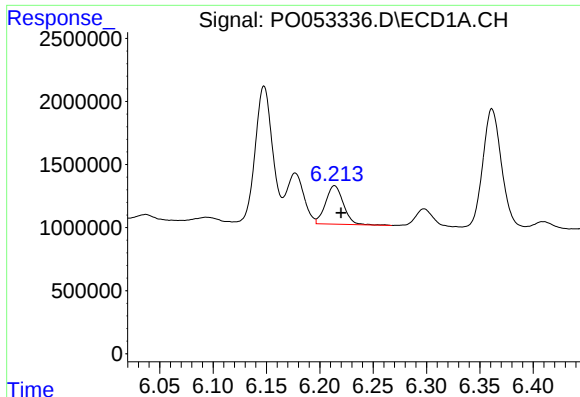
#24 AR-1248-4

R.T.: 6.177 min
Delta R.T.: -0.006 min
Response: 4451021
Conc: 118.27 ng/ml



#24 AR-1248-4

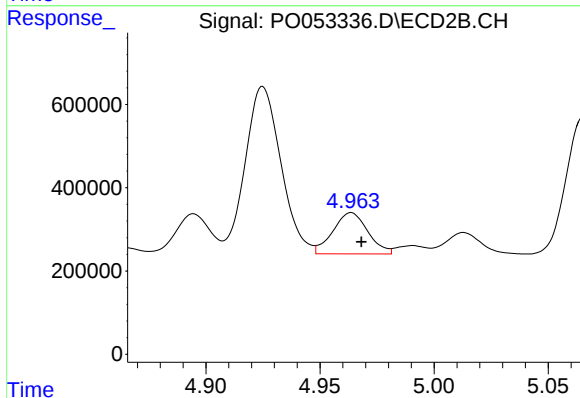
R.T.: 4.600 min
Delta R.T.: -0.004 min
Response: 3671006
Conc: 335.18 ng/ml



#25 AR-1248-5

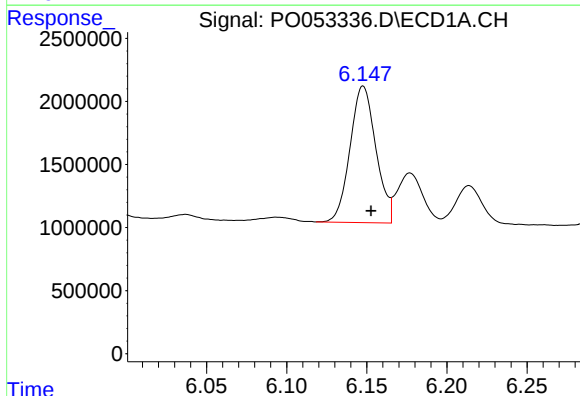
R.T.: 6.214 min
Delta R.T.: -0.006 min
Response: 3559395
Conc: 98.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



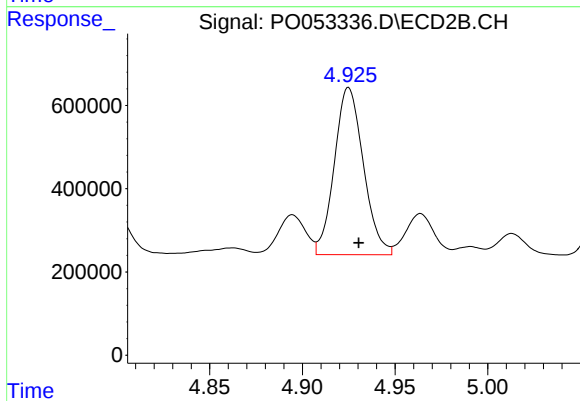
#25 AR-1248-5

R.T.: 4.964 min
Delta R.T.: -0.005 min
Response: 1059130
Conc: 95.56 ng/ml



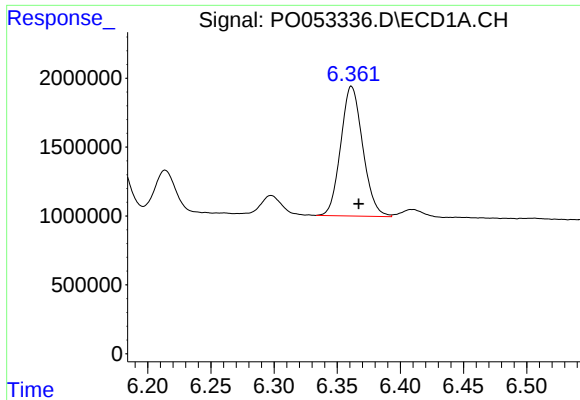
#26 AR-1254-1

R.T.: 6.148 min
Delta R.T.: -0.005 min
Response: 12149304
Conc: 287.83 ng/ml



#26 AR-1254-1

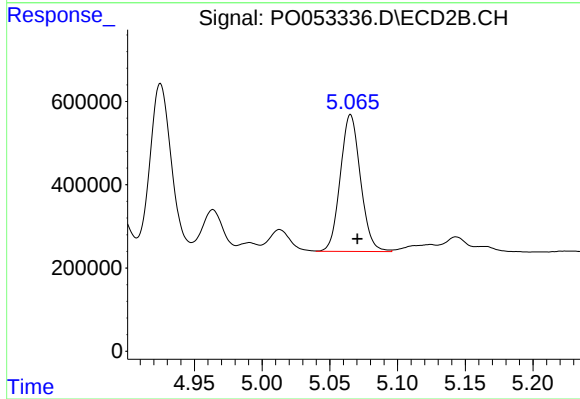
R.T.: 4.925 min
Delta R.T.: -0.005 min
Response: 4377510
Conc: 221.83 ng/ml



#27 AR-1254-2

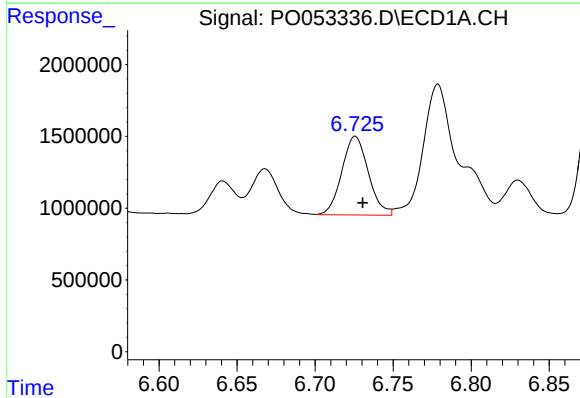
R.T.: 6.361 min
Delta R.T.: -0.006 min
Response: 11422300
Conc: 178.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



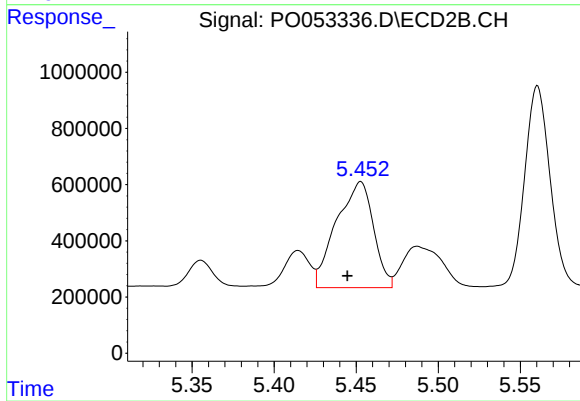
#27 AR-1254-2

R.T.: 5.065 min
Delta R.T.: -0.005 min
Response: 3406467
Conc: 207.57 ng/ml



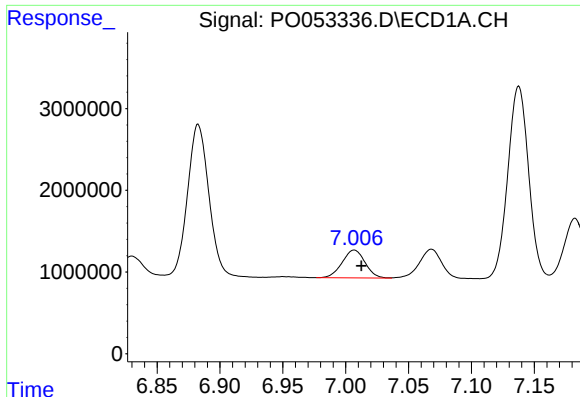
#28 AR-1254-3

R.T.: 6.726 min
Delta R.T.: -0.005 min
Response: 6484364
Conc: 98.88 ng/ml



#28 AR-1254-3

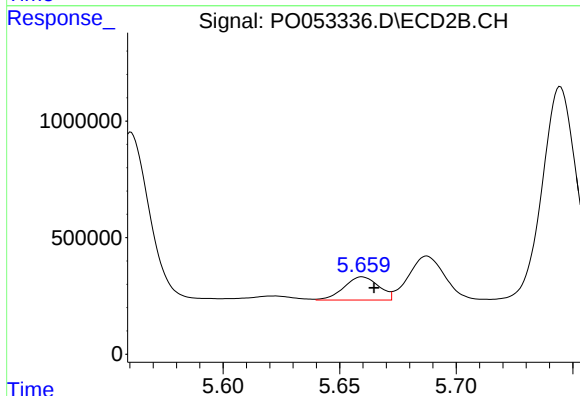
R.T.: 5.453 min
Delta R.T.: 0.008 min
Response: 5931791
Conc: 234.46 ng/ml



#29 AR-1254-4

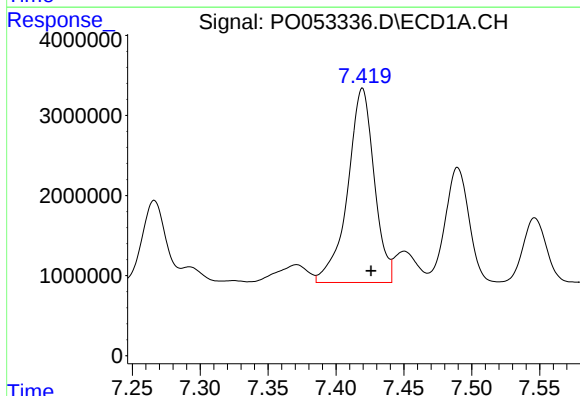
R.T.: 7.007 min
Delta R.T.: -0.006 min
Response: 4337193
Conc: 90.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



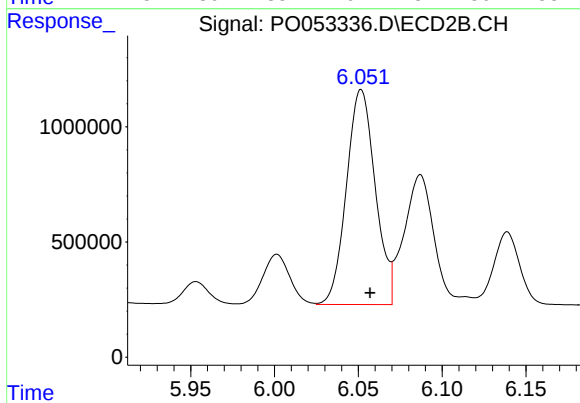
#29 AR-1254-4

R.T.: 5.660 min
Delta R.T.: -0.005 min
Response: 1031937
Conc: 62.89 ng/ml



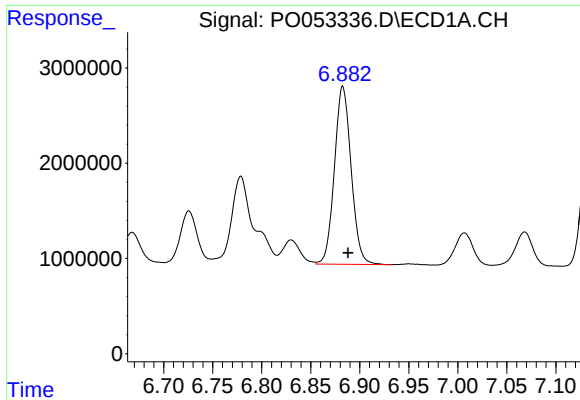
#30 AR-1254-5

R.T.: 7.420 min
Delta R.T.: -0.006 min
Response: 33025063
Conc: 712.91 ng/ml



#30 AR-1254-5

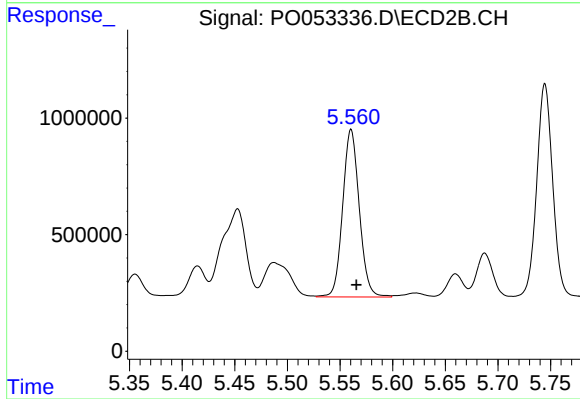
R.T.: 6.052 min
Delta R.T.: -0.005 min
Response: 11170610
Conc: 531.32 ng/ml



#31 AR-1260-1

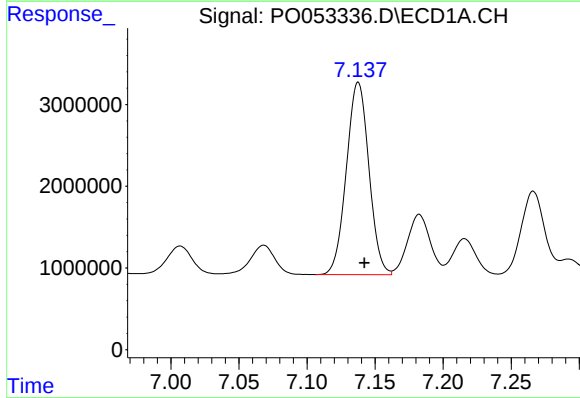
R.T.: 6.883 min
Delta R.T.: -0.005 min
Response: 22196763
Conc: 567.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



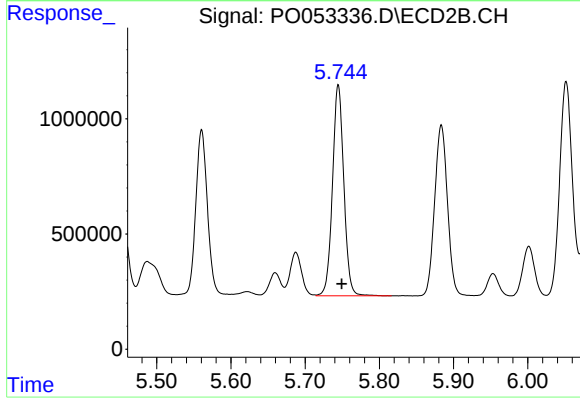
#31 AR-1260-1

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 7881357
Conc: 530.49 ng/ml



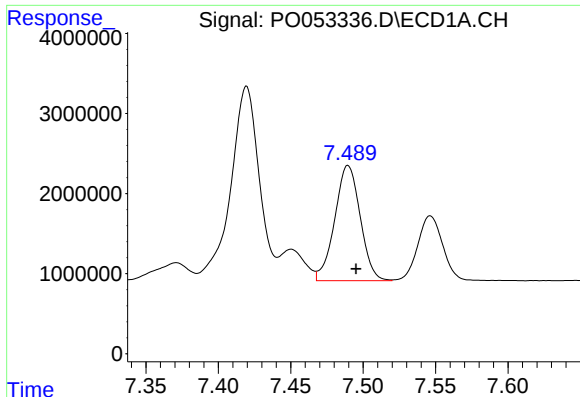
#32 AR-1260-2

R.T.: 7.138 min
Delta R.T.: -0.005 min
Response: 27158058
Conc: 567.01 ng/ml



#32 AR-1260-2

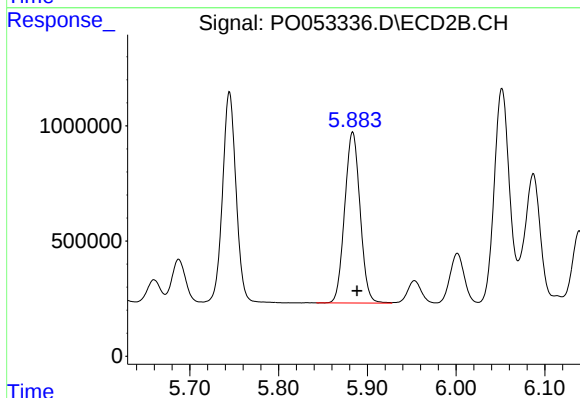
R.T.: 5.745 min
Delta R.T.: -0.005 min
Response: 9708145
Conc: 537.76 ng/ml



#33 AR-1260-3

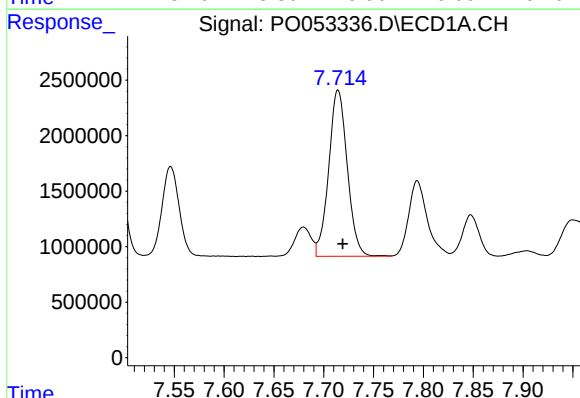
R.T.: 7.490 min
Delta R.T.: -0.005 min
Response: 17607647
Conc: 591.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



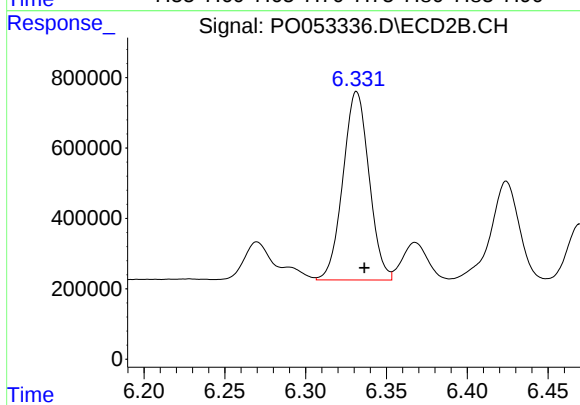
#33 AR-1260-3

R.T.: 5.884 min
Delta R.T.: -0.005 min
Response: 8928369
Conc: 546.29 ng/ml



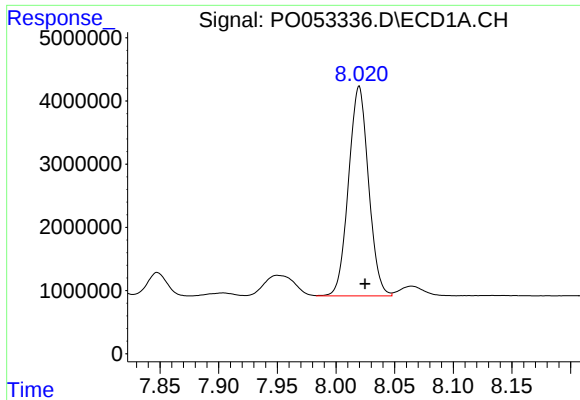
#34 AR-1260-4

R.T.: 7.714 min
Delta R.T.: -0.005 min
Response: 19405787
Conc: 575.69 ng/ml



#34 AR-1260-4

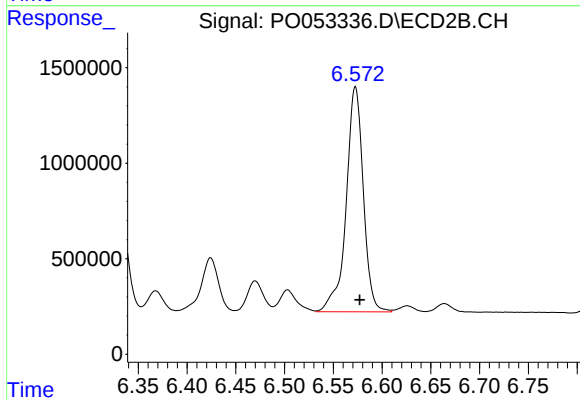
R.T.: 6.332 min
Delta R.T.: -0.005 min
Response: 6018585
Conc: 574.13 ng/ml



#35 AR-1260-5

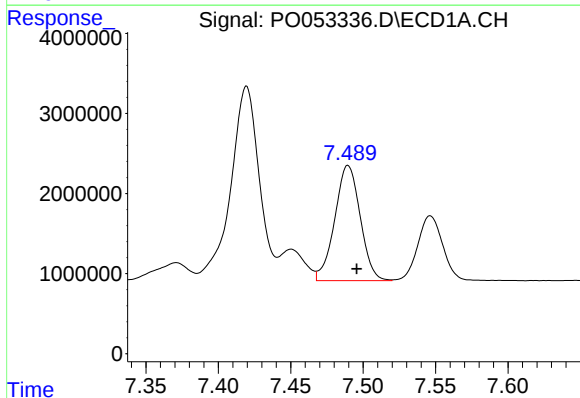
R.T.: 8.020 min
Delta R.T.: -0.005 min
Response: 39321180
Conc: 575.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



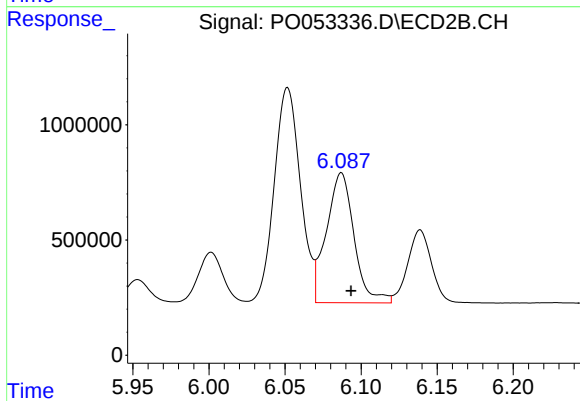
#35 AR-1260-5

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 14462770
Conc: 561.98 ng/ml



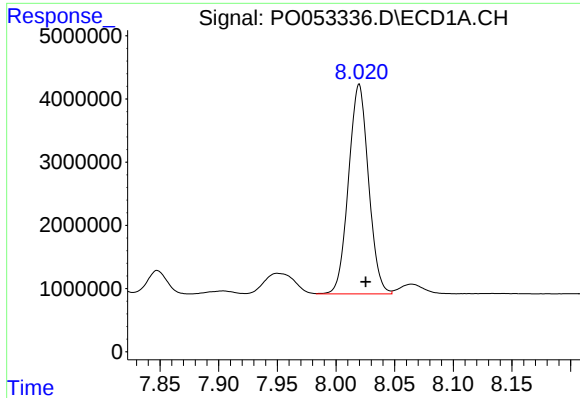
#36 AR-1262-1

R.T.: 7.490 min
Delta R.T.: -0.006 min
Response: 17607647
Conc: 292.58 ng/ml



#36 AR-1262-1

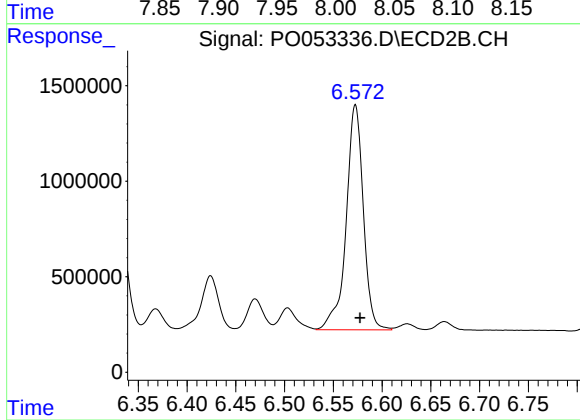
R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 7145197
Conc: 328.96 ng/ml



#37 AR-1262-2

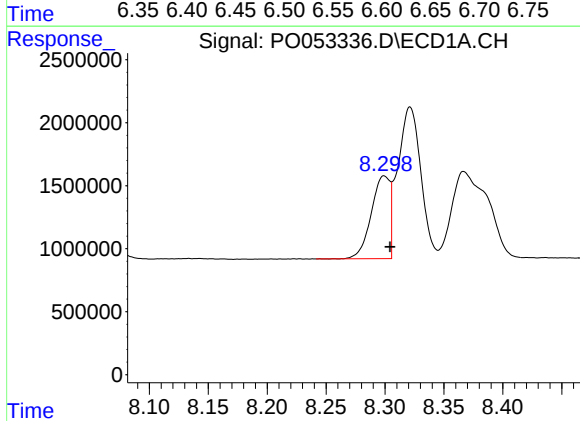
R.T.: 8.020 min
Delta R.T.: -0.006 min
Response: 39321180
Conc: 387.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



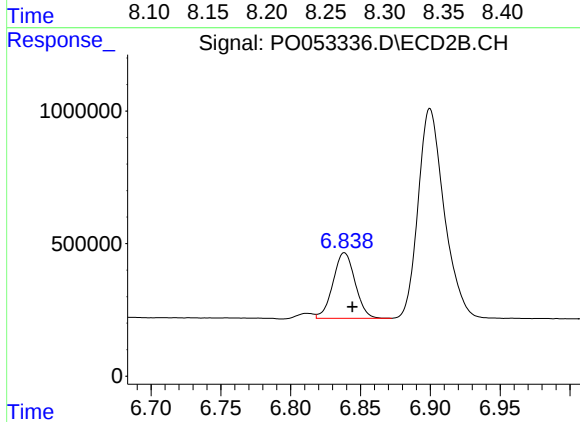
#37 AR-1262-2

R.T.: 6.573 min
Delta R.T.: -0.005 min
Response: 14462770
Conc: 399.33 ng/ml



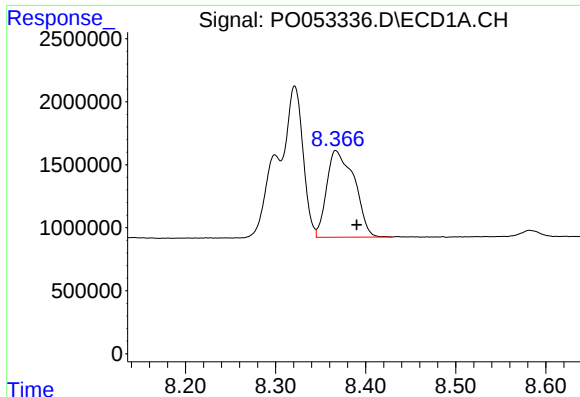
#38 AR-1262-3

R.T.: 8.299 min
Delta R.T.: -0.005 min
Response: 7221763
Conc: 155.83 ng/ml



#38 AR-1262-3

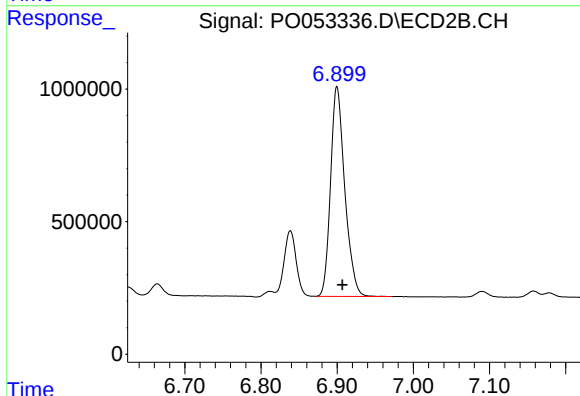
R.T.: 6.839 min
Delta R.T.: -0.006 min
Response: 2727806
Conc: 192.39 ng/ml



#39 AR-1262-4

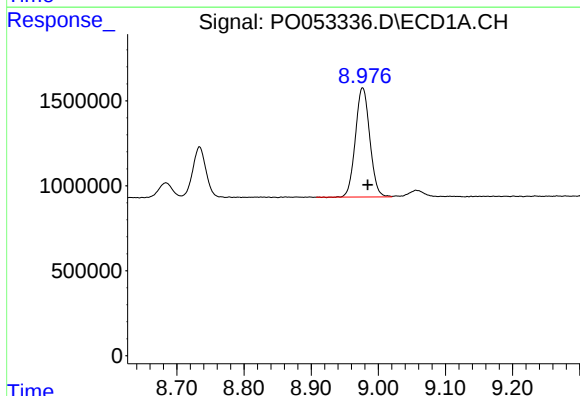
R.T.: 8.367 min
Delta R.T.: -0.023 min
Response: 14678809
Conc: 273.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



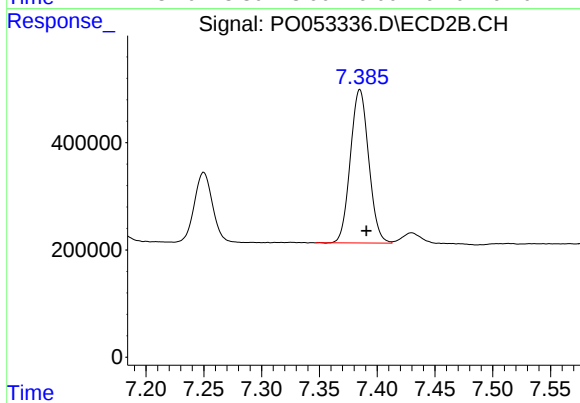
#39 AR-1262-4

R.T.: 6.900 min
Delta R.T.: -0.007 min
Response: 10290361
Conc: 389.66 ng/ml



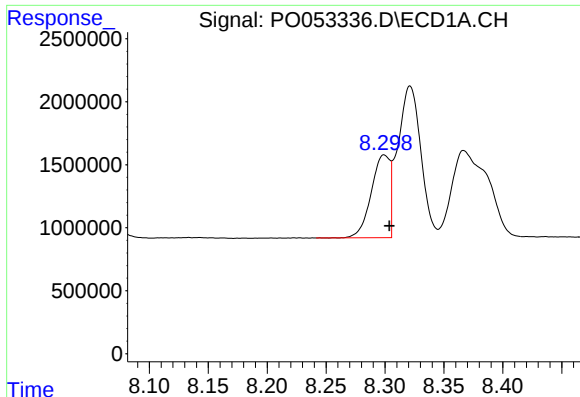
#40 AR-1262-5

R.T.: 8.977 min
Delta R.T.: -0.007 min
Response: 9548772
Conc: 248.09 ng/ml



#40 AR-1262-5

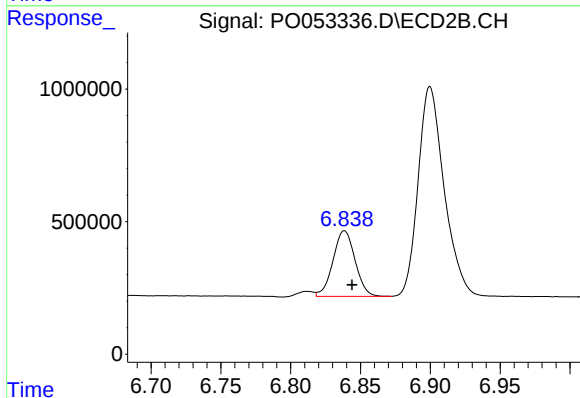
R.T.: 7.385 min
Delta R.T.: -0.006 min
Response: 3154323
Conc: 257.82 ng/ml



#41 AR-1268-1

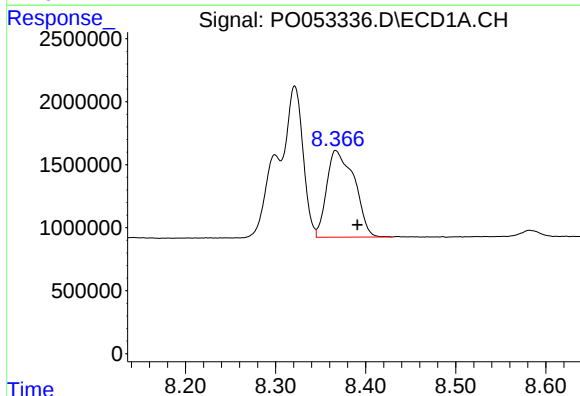
R.T.: 8.299 min
Delta R.T.: -0.005 min
Response: 7221763
Conc: 56.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



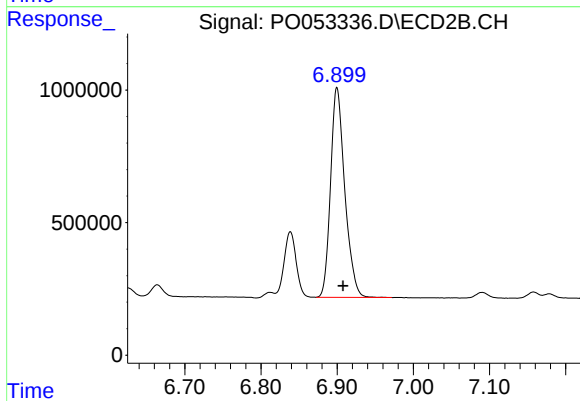
#41 AR-1268-1

R.T.: 6.839 min
Delta R.T.: -0.005 min
Response: 2727806
Conc: 64.67 ng/ml



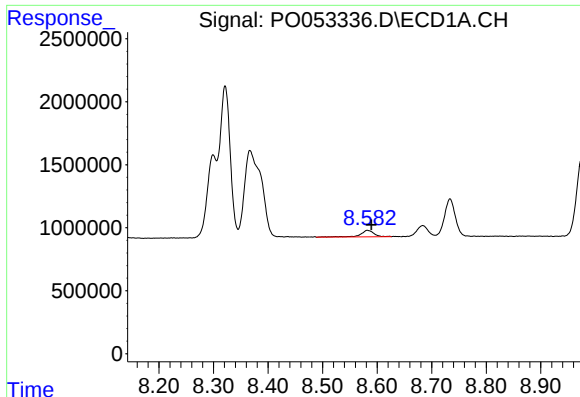
#42 AR-1268-2

R.T.: 8.367 min
Delta R.T.: -0.024 min
Response: 14678809
Conc: 119.76 ng/ml



#42 AR-1268-2

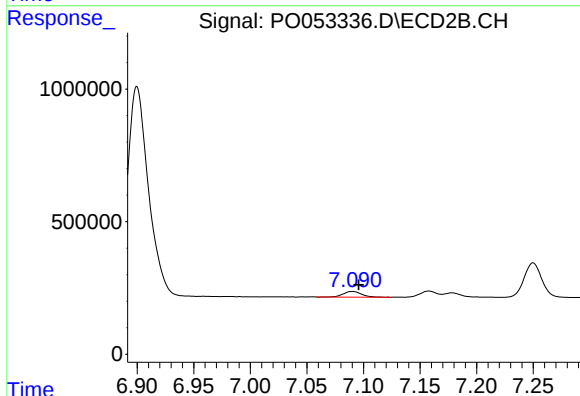
R.T.: 6.900 min
Delta R.T.: -0.008 min
Response: 10290361
Conc: 258.19 ng/ml



#43 AR-1268-3

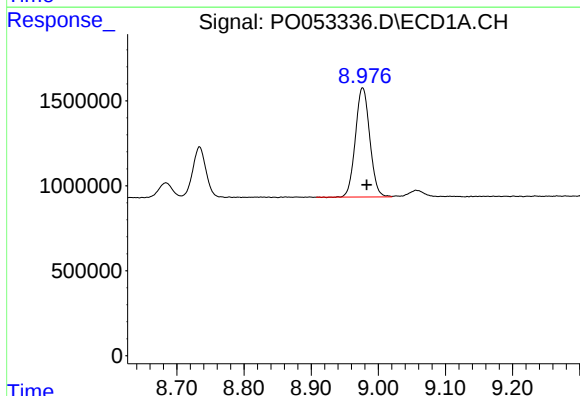
R.T.: 8.582 min
Delta R.T.: -0.008 min
Response: 857076
Conc: 7.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



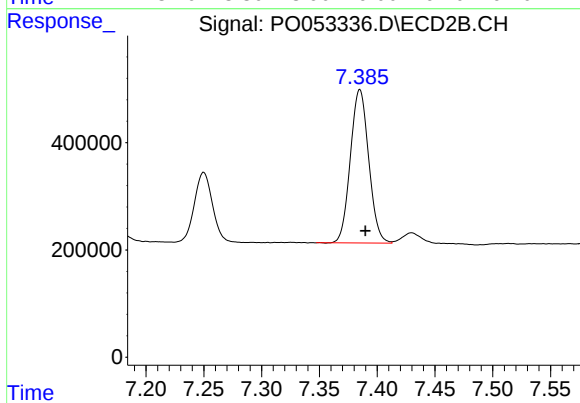
#43 AR-1268-3

R.T.: 7.090 min
Delta R.T.: -0.006 min
Response: 244096
Conc: 7.28 ng/ml



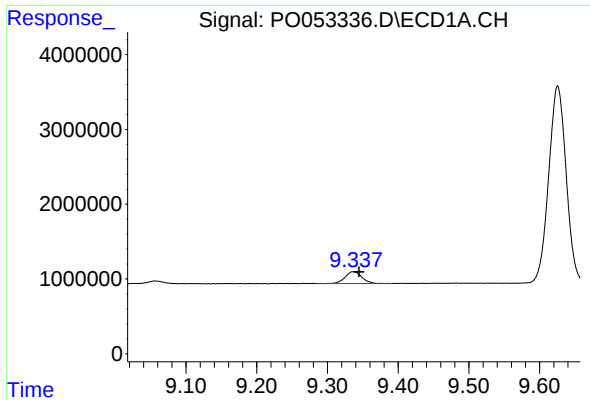
#44 AR-1268-4

R.T.: 8.977 min
Delta R.T.: -0.006 min
Response: 9548772
Conc: 219.08 ng/ml



#44 AR-1268-4

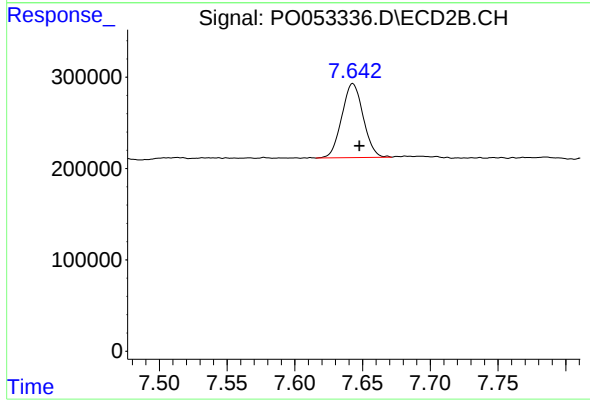
R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 3154323
Conc: 225.78 ng/ml



#45 AR-1268-5

R.T.: 9.337 min
Delta R.T.: -0.008 min
Response: 2626669
Conc: 7.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.643 min
Delta R.T.: -0.005 min
Response: 892087
Conc: 8.99 ng/ml