

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091721\
 Data File : P0081376.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Sep 2021 19:44
 Operator : AJ\MA
 Sample : M3762-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 04:44:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 03 07:15:29 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...	4.925	4.050	1789337	585863	22.666	23.708
2)	SA Decachlor...	10.986	9.409	1451353	573239	24.444	24.556
Target Compounds							
3)	L1 AR-1016-1	6.256	5.321	1618481	549232	570.715	569.435
4)	L1 AR-1016-2	6.279	5.342	2388735	774803	598.676	579.314
5)	L1 AR-1016-3	6.345	5.536	1841159	417771	727.569	584.379
6)	L1 AR-1016-4	6.453	5.587	1465402	332958	691.676	553.905
7)	L1 AR-1016-5	6.771	5.819	1078048	420581	549.155	558.718
8)	L2 AR-1221-1	5.176	4.310	331255	45567	340.901	139.206 #
9)	L2 AR-1221-2	5.278	4.413	209969	57845	285.625	234.654
10)	L2 AR-1221-3	5.366	4.501	873856	286987	383.886	366.395
11)	L3 AR-1232-1	5.366	4.501	873856	286987	507.952	472.675
12)	L3 AR-1232-2	5.958	5.342	1365783	774803	1391.249	1264.072
13)	L3 AR-1232-3	6.279	5.536	2388735	417771	1319.759	1287.003
14)	L3 AR-1232-4	6.453	5.632	1465402	402225	1512.469	1333.709
15)	L3 AR-1232-5	6.552	5.819	970667	420581	1449.060	1264.115
16)	L4 AR-1242-1	6.256	5.321	1618481	549232	739.495	737.344
17)	L4 AR-1242-2	6.279	5.342	2388735	774803	780.931	759.567
18)	L4 AR-1242-3	6.345	5.536	1841159	417771	961.987	752.842
19)	L4 AR-1242-4	6.453	5.632	1465402	402225	950.000	710.958 #
20)	L4 AR-1242-5	7.241	6.201	157910	332714	98.561	459.393 #
21)	L5 AR-1248-1	6.256	5.321	1618481	549232	938.034	927.696
22)	L5 AR-1248-2	6.552	5.587	970667	332958	436.435	400.882
23)	L5 AR-1248-3	6.771	5.632	1078048	402225	407.357	473.914
24)	L5 AR-1248-4	7.201	5.819	188049	420581	65.291	425.389 #
25)	L5 AR-1248-5	7.241	6.244	157910	46655	57.419	51.460
26)	L6 AR-1254-1	7.170	6.201	852029	332714	263.641	210.328
27)	L6 AR-1254-2	7.400	6.360	901969	318255	181.229	220.128
28)	L6 AR-1254-3	7.785	6.802	501453	560365	99.173	250.466 #
29)	L6 AR-1254-4	8.080	7.026	291711	64723	78.059	45.722 #
30)	L6 AR-1254-5	8.512	7.458	2788295	1055400	674.058	500.205 #
31)	L7 AR-1260-1	7.952	6.922	1990841	782489	572.732	533.179
32)	L7 AR-1260-2	8.219	7.120	2537686	935169	569.411	532.768
33)	L7 AR-1260-3	8.585	7.277	1431903	863794	545.654	471.843
34)	L7 AR-1260-4	8.817	7.763	1858617	615727	580.629	521.188
35)	L7 AR-1260-5	9.146	8.013	3326593	1408040	555.669	497.407
36)	L8 AR-1262-1	8.585	7.458	1431903	1055400	321.342	993.694 #
37)	L8 AR-1262-2	9.146	8.013	3326593	1408040	434.105	427.818
38)	L8 AR-1262-3	9.482f	8.299	2199406	259949	645.261	193.960 #
39)	L8 AR-1262-4	9.533f	8.364	1155392	1009586	551.792	425.578
40)	L8 AR-1262-5	10.228	8.866	792948	325325	286.133	281.054
41)	L9 AR-1268-1	9.482f	8.299	2199406	259949	238.285	68.788 #

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 Sample : M3762-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

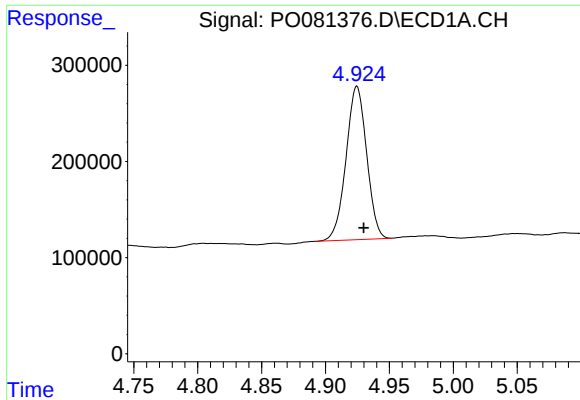
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 04:44:53 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	8.364	0	1009586	N.D.	297.458 #
43) L9	AR-1268-3	9.781	8.574	66029	30359	9.280	10.277
44) L9	AR-1268-4	10.228	8.866	792948	325325	251.845	247.235
45) L9	AR-1268-5	10.646	9.156	260300	104568	11.547	12.296

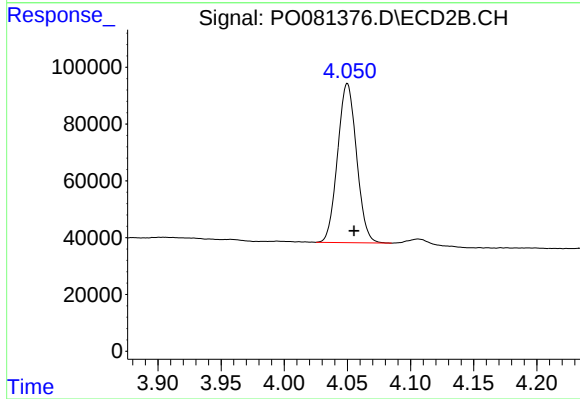
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

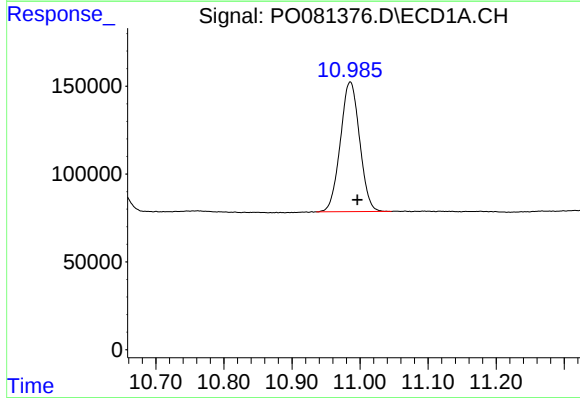
R.T.: 4.925 min
Delta R.T.: -0.005 min
Response: 1789337
Conc: 22.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



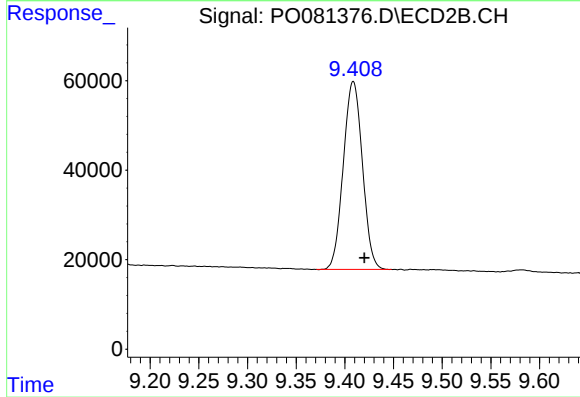
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.005 min
Response: 585863
Conc: 23.71 ng/ml



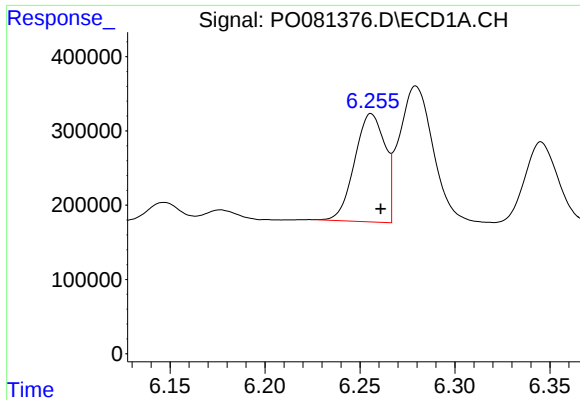
#2 Decachlorobiphenyl

R.T.: 10.986 min
Delta R.T.: -0.010 min
Response: 1451353
Conc: 24.44 ng/ml



#2 Decachlorobiphenyl

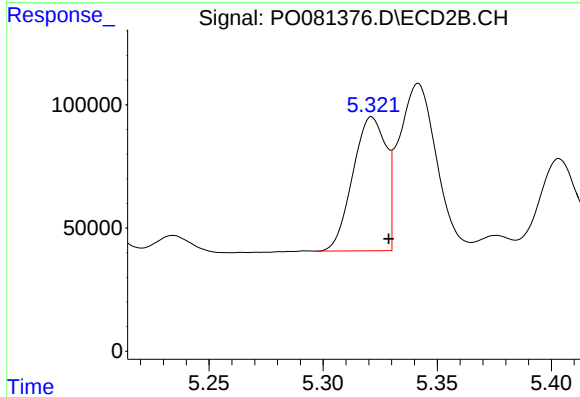
R.T.: 9.409 min
Delta R.T.: -0.011 min
Response: 573239
Conc: 24.56 ng/ml



#3 AR-1016-1

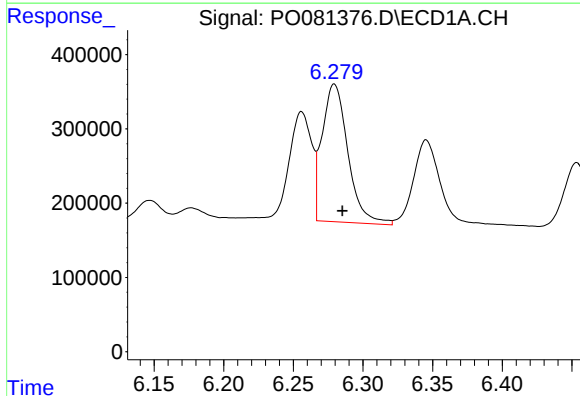
R.T.: 6.256 min
Delta R.T.: -0.005 min
Response: 1618481
Conc: 570.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



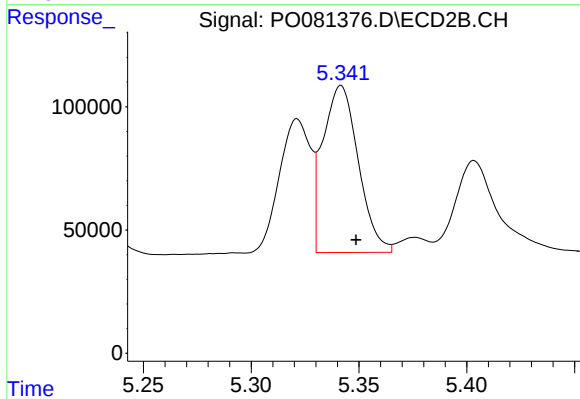
#3 AR-1016-1

R.T.: 5.321 min
Delta R.T.: -0.007 min
Response: 549232
Conc: 569.44 ng/ml



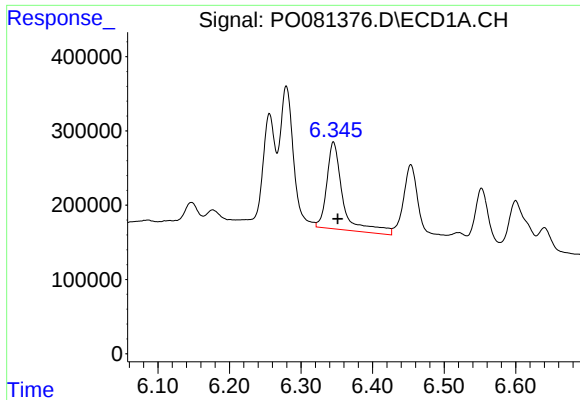
#4 AR-1016-2

R.T.: 6.279 min
Delta R.T.: -0.006 min
Response: 2388735
Conc: 598.68 ng/ml



#4 AR-1016-2

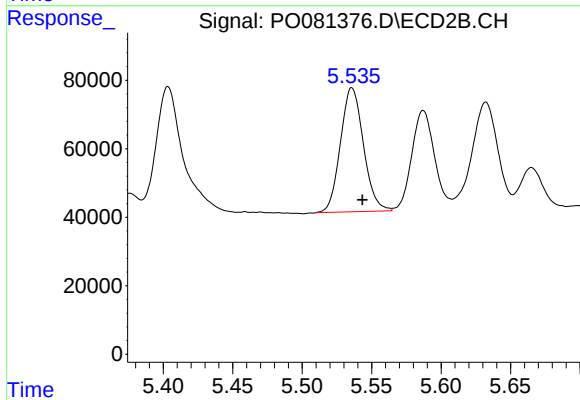
R.T.: 5.342 min
Delta R.T.: -0.007 min
Response: 774803
Conc: 579.31 ng/ml



#5 AR-1016-3

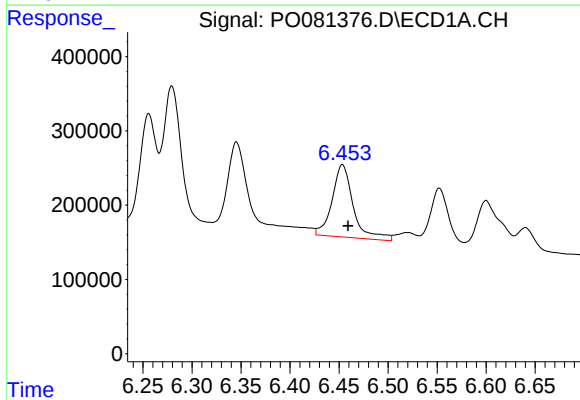
R.T.: 6.345 min
Delta R.T.: -0.006 min
Response: 1841159
Conc: 727.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



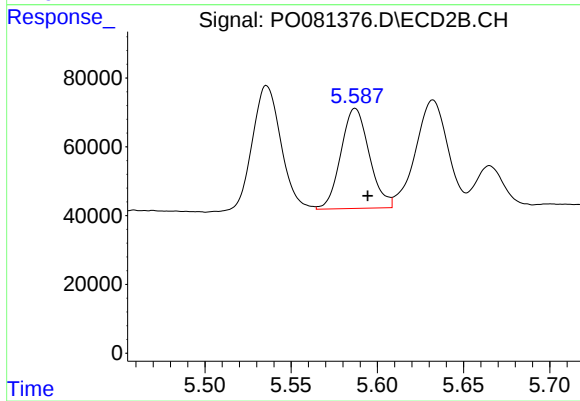
#5 AR-1016-3

R.T.: 5.536 min
Delta R.T.: -0.008 min
Response: 417771
Conc: 584.38 ng/ml



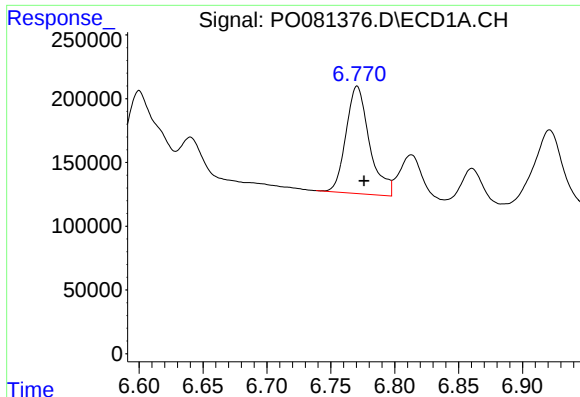
#6 AR-1016-4

R.T.: 6.453 min
Delta R.T.: -0.006 min
Response: 1465402
Conc: 691.68 ng/ml



#6 AR-1016-4

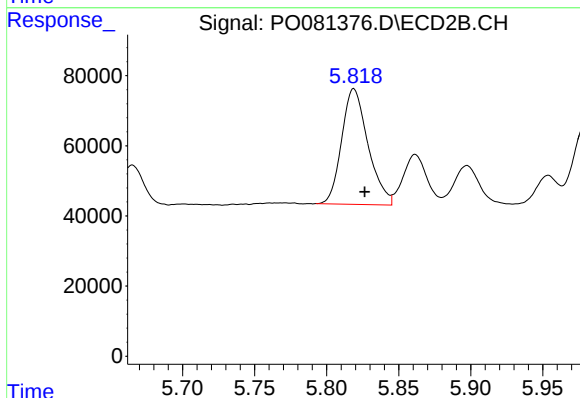
R.T.: 5.587 min
Delta R.T.: -0.007 min
Response: 332958
Conc: 553.91 ng/ml



#7 AR-1016-5

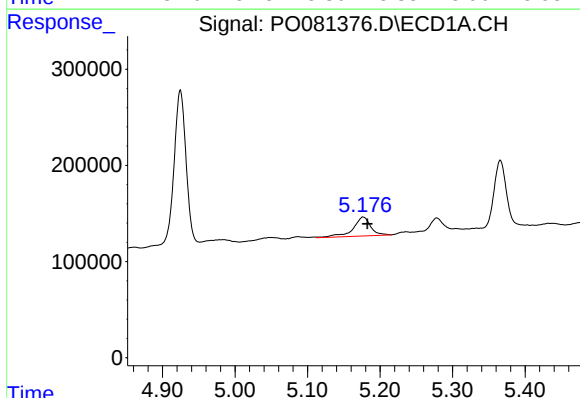
R.T.: 6.771 min
Delta R.T.: -0.005 min
Response: 1078048
Conc: 549.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



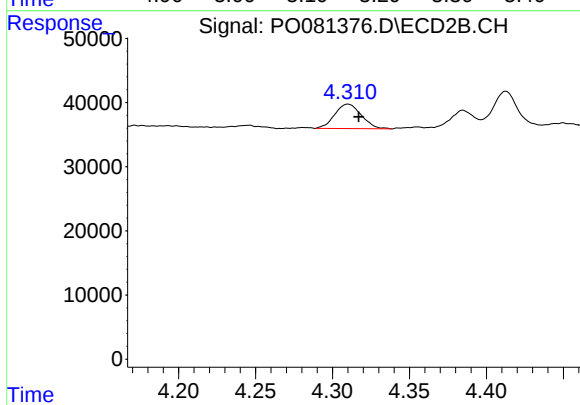
#7 AR-1016-5

R.T.: 5.819 min
Delta R.T.: -0.007 min
Response: 420581
Conc: 558.72 ng/ml



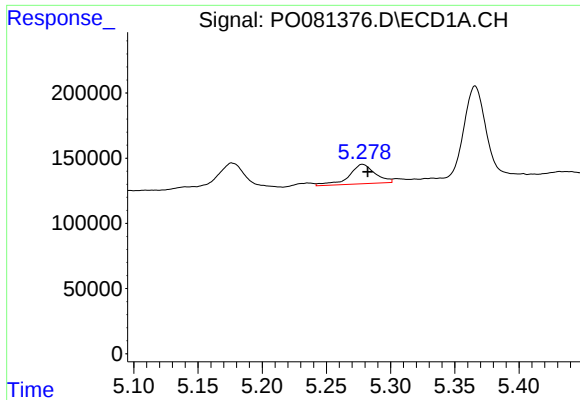
#8 AR-1221-1

R.T.: 5.176 min
Delta R.T.: -0.006 min
Response: 331255
Conc: 340.90 ng/ml



#8 AR-1221-1

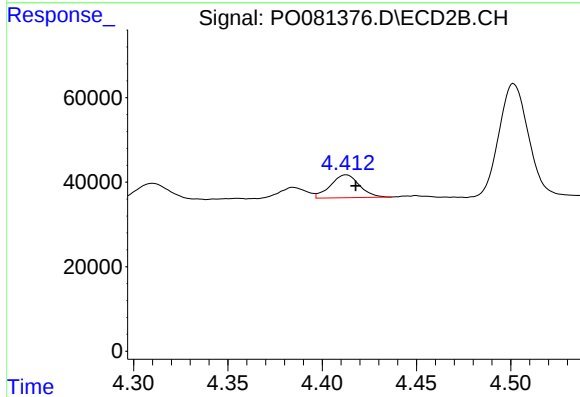
R.T.: 4.310 min
Delta R.T.: -0.007 min
Response: 45567
Conc: 139.21 ng/ml



#9 AR-1221-2

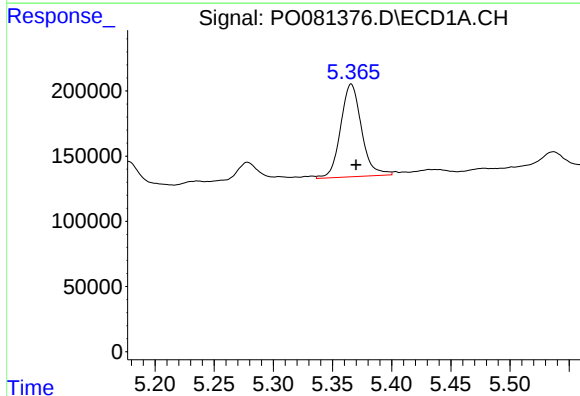
R.T.: 5.278 min
Delta R.T.: -0.004 min
Response: 209969
Conc: 285.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



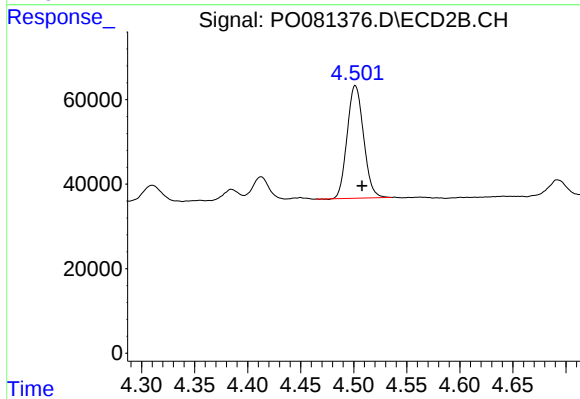
#9 AR-1221-2

R.T.: 4.413 min
Delta R.T.: -0.005 min
Response: 57845
Conc: 234.65 ng/ml



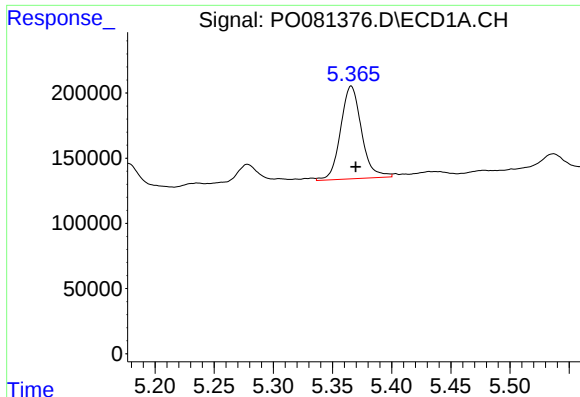
#10 AR-1221-3

R.T.: 5.366 min
Delta R.T.: -0.004 min
Response: 873856
Conc: 383.89 ng/ml



#10 AR-1221-3

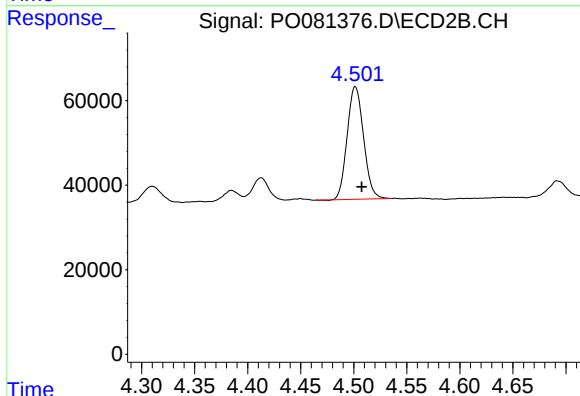
R.T.: 4.501 min
Delta R.T.: -0.006 min
Response: 286987
Conc: 366.40 ng/ml



#11 AR-1232-1

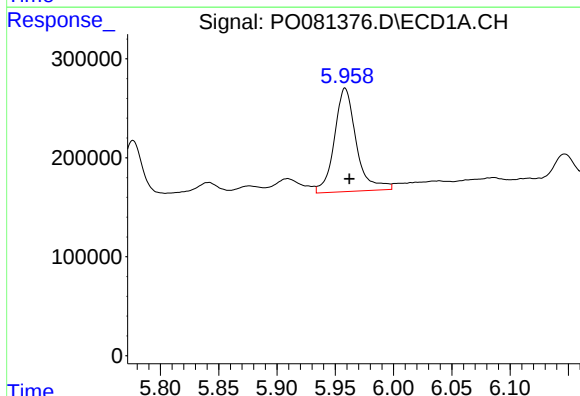
R.T.: 5.366 min
Delta R.T.: -0.004 min
Response: 873856
Conc: 507.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



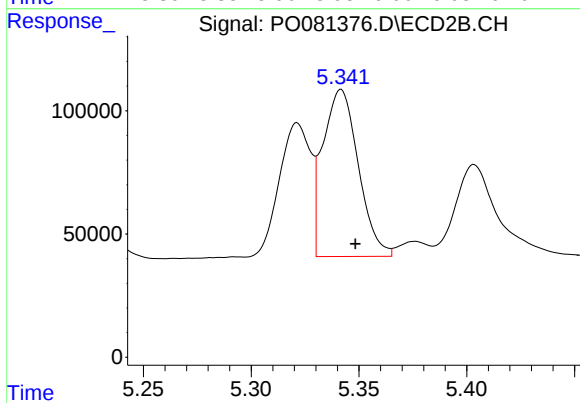
#11 AR-1232-1

R.T.: 4.501 min
Delta R.T.: -0.006 min
Response: 286987
Conc: 472.68 ng/ml



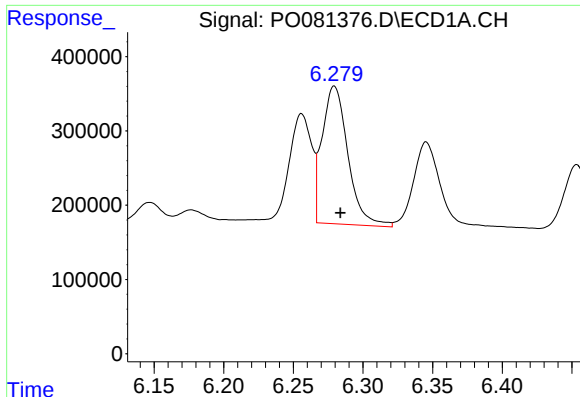
#12 AR-1232-2

R.T.: 5.958 min
Delta R.T.: -0.004 min
Response: 1365783
Conc: 1391.25 ng/ml



#12 AR-1232-2

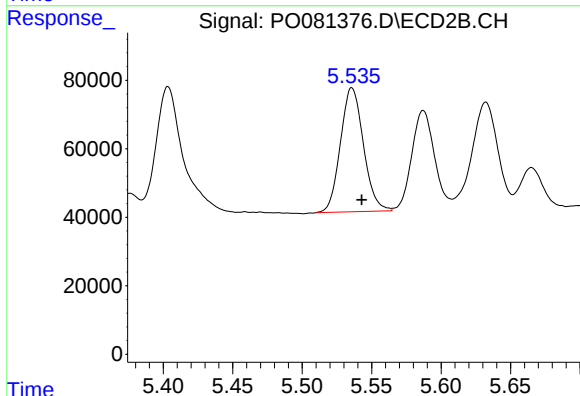
R.T.: 5.342 min
Delta R.T.: -0.007 min
Response: 774803
Conc: 1264.07 ng/ml



#13 AR-1232-3

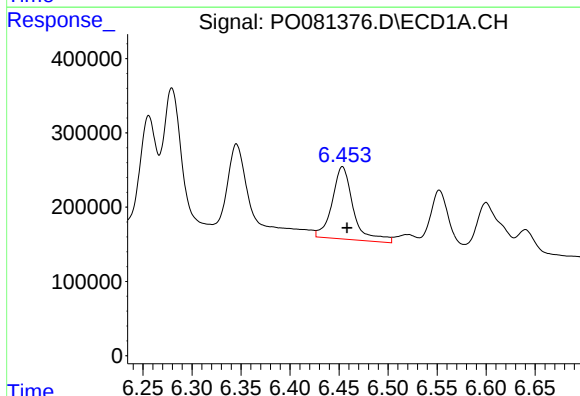
R.T.: 6.279 min
Delta R.T.: -0.004 min
Response: 2388735
Conc: 1319.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



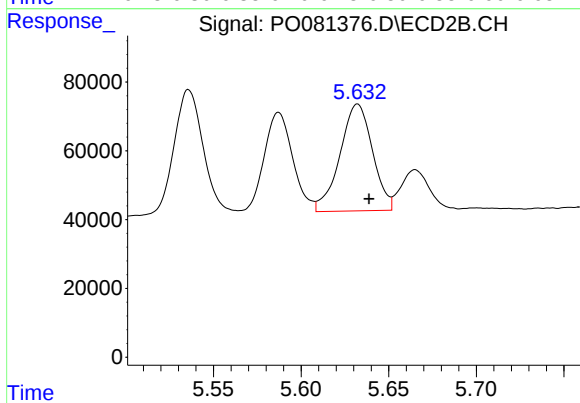
#13 AR-1232-3

R.T.: 5.536 min
Delta R.T.: -0.007 min
Response: 417771
Conc: 1287.00 ng/ml



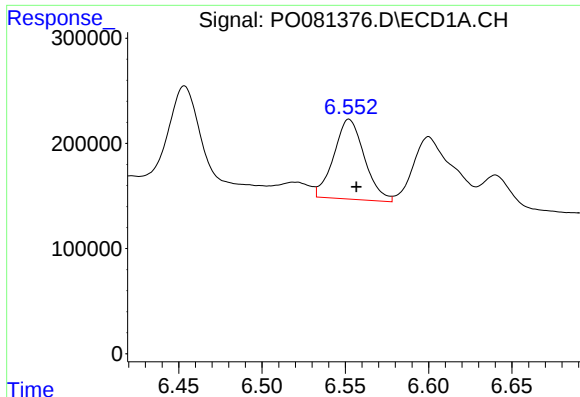
#14 AR-1232-4

R.T.: 6.453 min
Delta R.T.: -0.005 min
Response: 1465402
Conc: 1512.47 ng/ml



#14 AR-1232-4

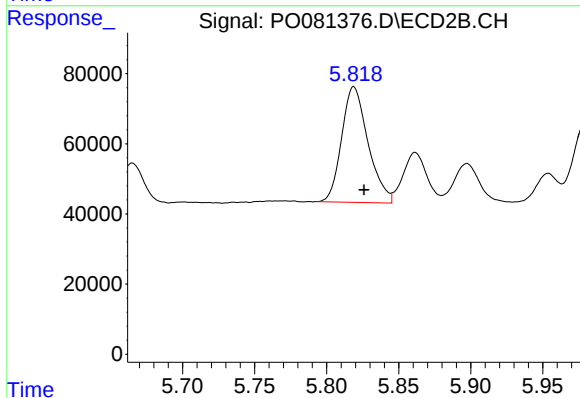
R.T.: 5.632 min
Delta R.T.: -0.007 min
Response: 402225
Conc: 1333.71 ng/ml



#15 AR-1232-5

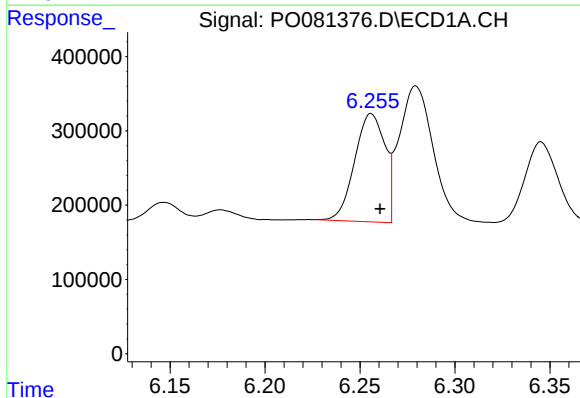
R.T.: 6.552 min
Delta R.T.: -0.004 min
Response: 970667
Conc: 1449.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



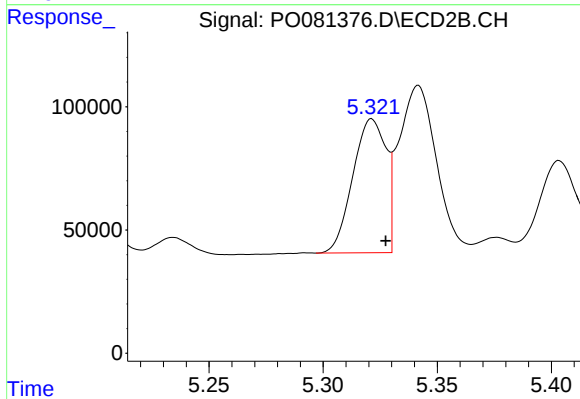
#15 AR-1232-5

R.T.: 5.819 min
Delta R.T.: -0.007 min
Response: 420581
Conc: 1264.11 ng/ml



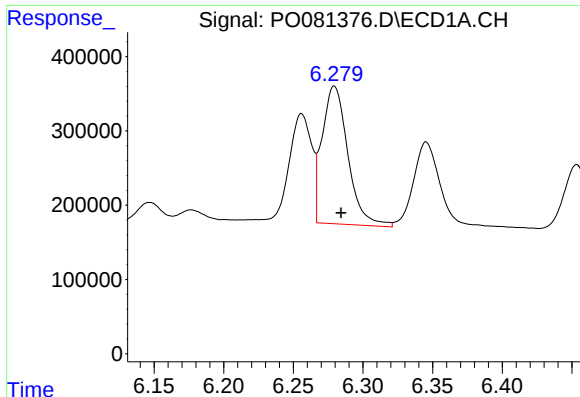
#16 AR-1242-1

R.T.: 6.256 min
Delta R.T.: -0.005 min
Response: 1618481
Conc: 739.50 ng/ml



#16 AR-1242-1

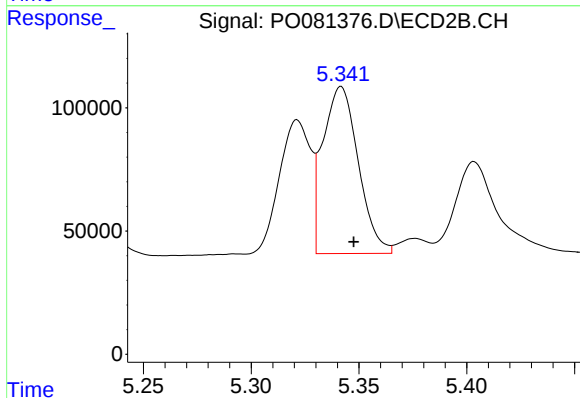
R.T.: 5.321 min
Delta R.T.: -0.006 min
Response: 549232
Conc: 737.34 ng/ml



#17 AR-1242-2

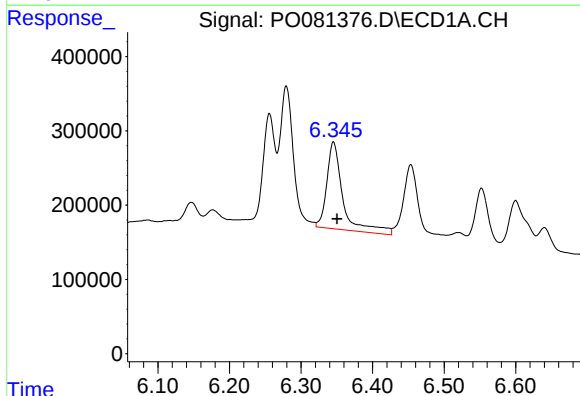
R.T.: 6.279 min
Delta R.T.: -0.005 min
Response: 2388735
Conc: 780.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



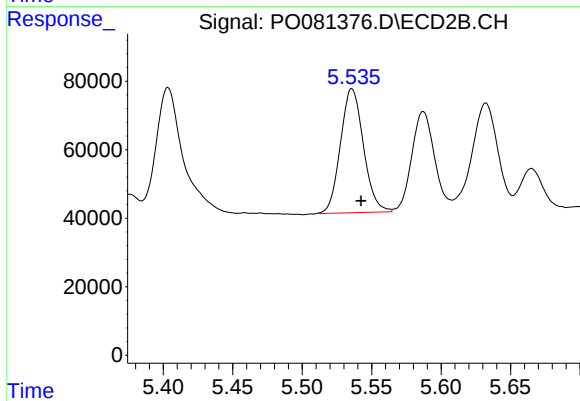
#17 AR-1242-2

R.T.: 5.342 min
Delta R.T.: -0.006 min
Response: 774803
Conc: 759.57 ng/ml



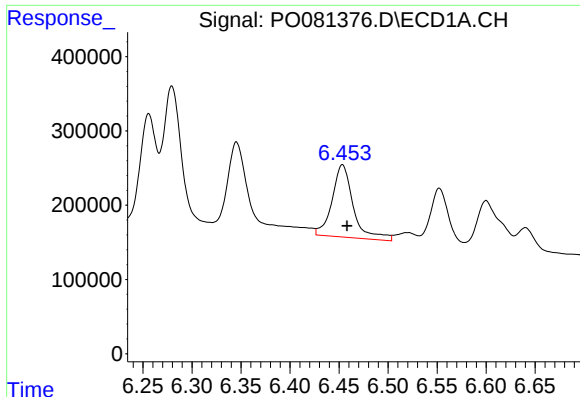
#18 AR-1242-3

R.T.: 6.345 min
Delta R.T.: -0.005 min
Response: 1841159
Conc: 961.99 ng/ml



#18 AR-1242-3

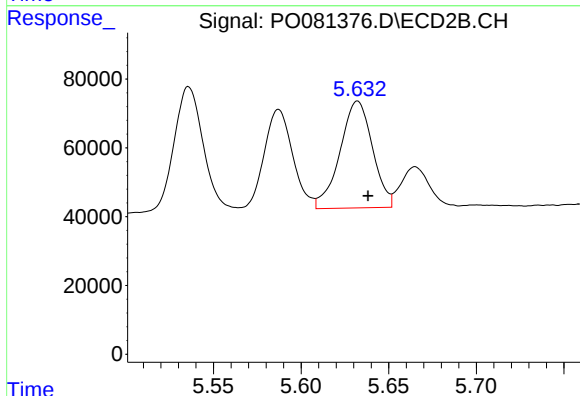
R.T.: 5.536 min
Delta R.T.: -0.007 min
Response: 417771
Conc: 752.84 ng/ml



#19 AR-1242-4

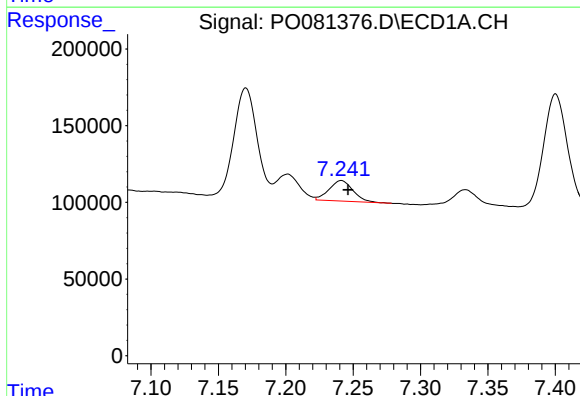
R.T.: 6.453 min
Delta R.T.: -0.005 min
Response: 1465402
Conc: 950.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



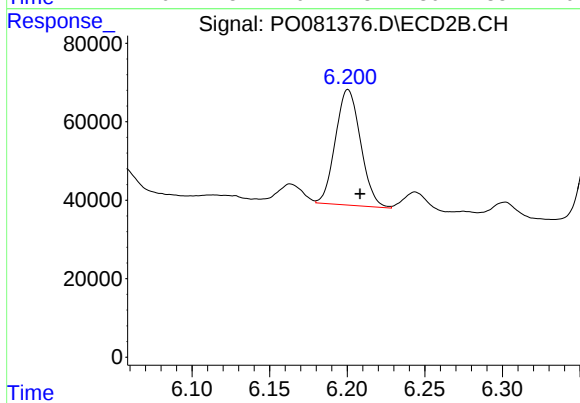
#19 AR-1242-4

R.T.: 5.632 min
Delta R.T.: -0.006 min
Response: 402225
Conc: 710.96 ng/ml



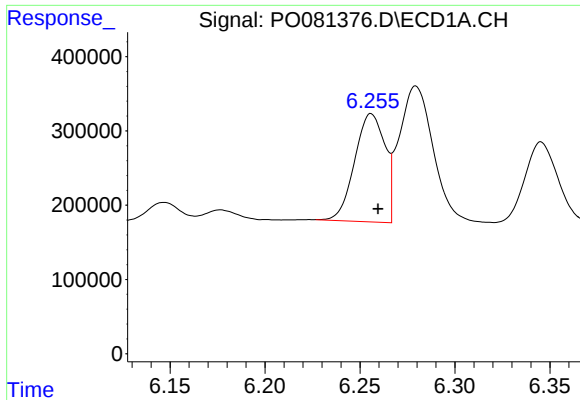
#20 AR-1242-5

R.T.: 7.241 min
Delta R.T.: -0.005 min
Response: 157910
Conc: 98.56 ng/ml



#20 AR-1242-5

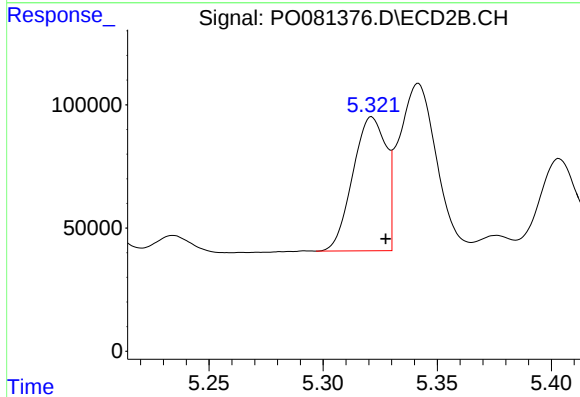
R.T.: 6.201 min
Delta R.T.: -0.008 min
Response: 332714
Conc: 459.39 ng/ml



#21 AR-1248-1

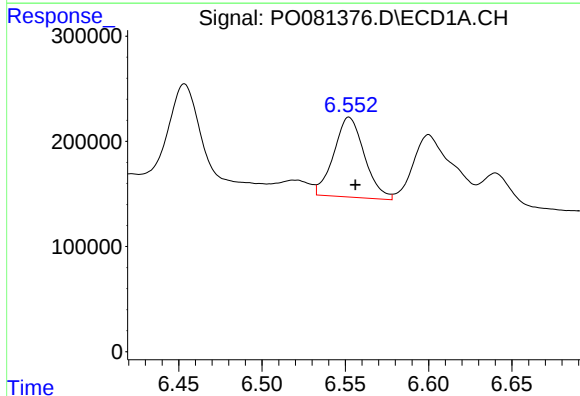
R.T.: 6.256 min
Delta R.T.: -0.004 min
Response: 1618481
Conc: 938.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



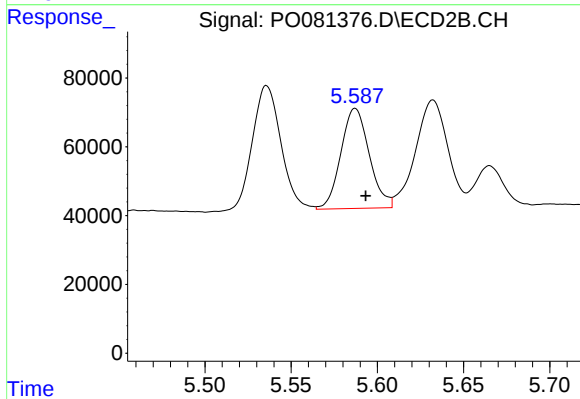
#21 AR-1248-1

R.T.: 5.321 min
Delta R.T.: -0.006 min
Response: 549232
Conc: 927.70 ng/ml



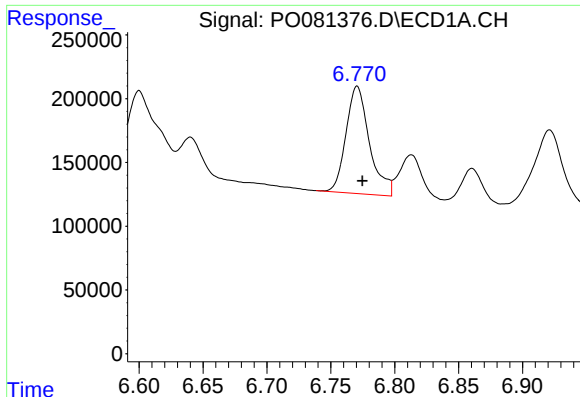
#22 AR-1248-2

R.T.: 6.552 min
Delta R.T.: -0.004 min
Response: 970667
Conc: 436.44 ng/ml



#22 AR-1248-2

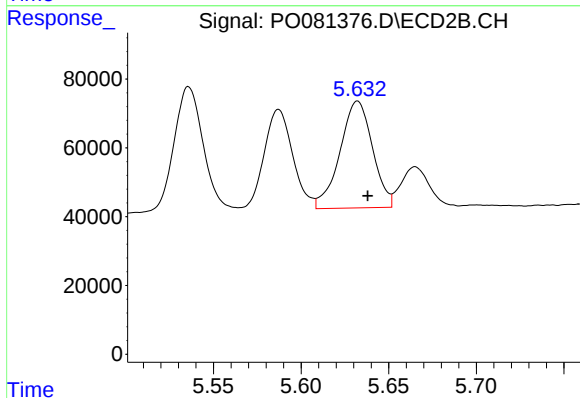
R.T.: 5.587 min
Delta R.T.: -0.006 min
Response: 332958
Conc: 400.88 ng/ml



#23 AR-1248-3

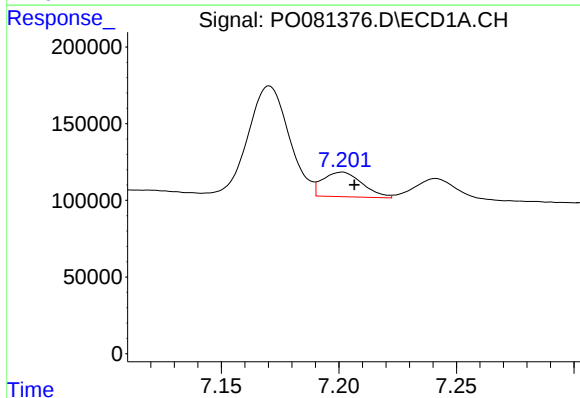
R.T.: 6.771 min
Delta R.T.: -0.004 min
Response: 1078048
Conc: 407.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



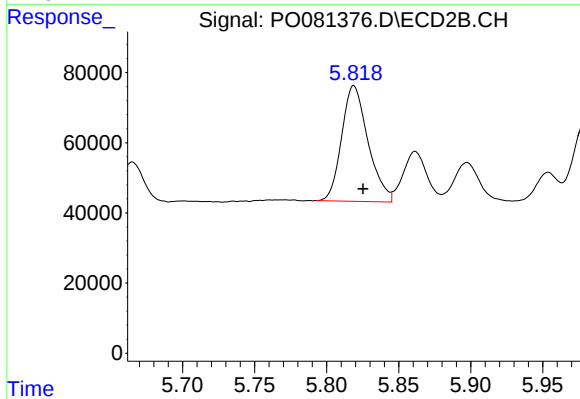
#23 AR-1248-3

R.T.: 5.632 min
Delta R.T.: -0.006 min
Response: 402225
Conc: 473.91 ng/ml



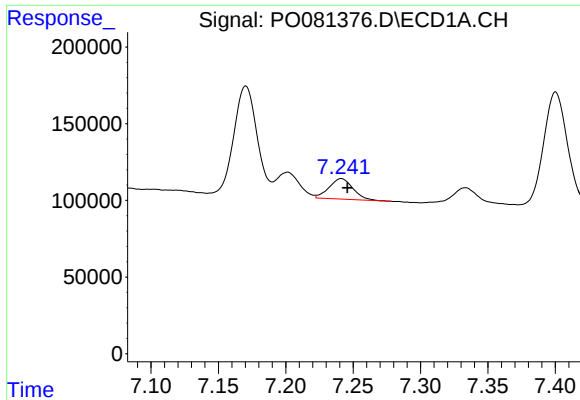
#24 AR-1248-4

R.T.: 7.201 min
Delta R.T.: -0.005 min
Response: 188049
Conc: 65.29 ng/ml



#24 AR-1248-4

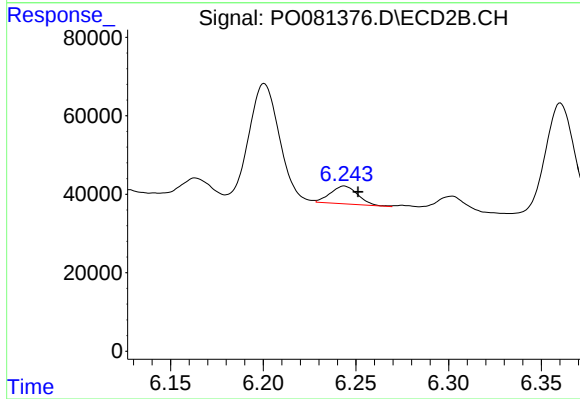
R.T.: 5.819 min
Delta R.T.: -0.006 min
Response: 420581
Conc: 425.39 ng/ml



#25 AR-1248-5

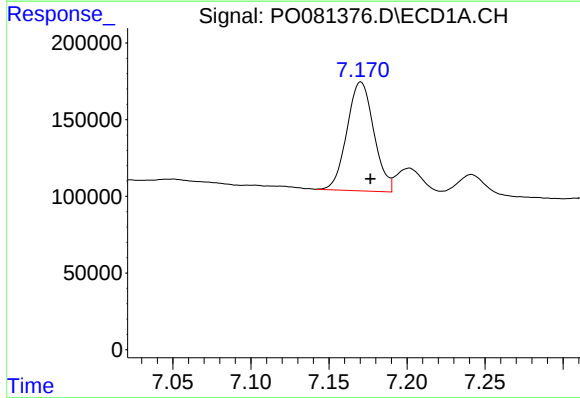
R.T.: 7.241 min
Delta R.T.: -0.004 min
Response: 157910
Conc: 57.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



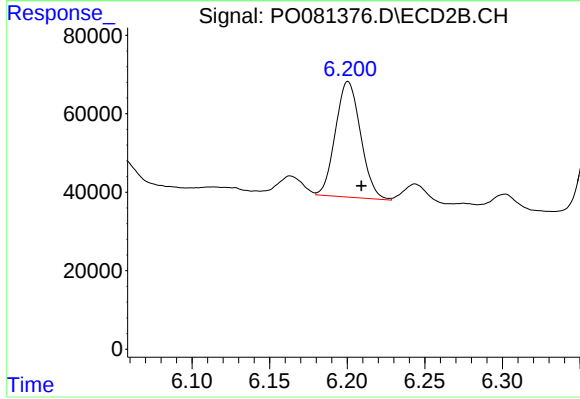
#25 AR-1248-5

R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 46655
Conc: 51.46 ng/ml



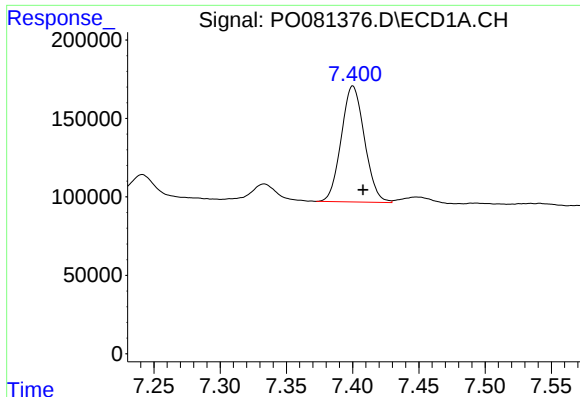
#26 AR-1254-1

R.T.: 7.170 min
Delta R.T.: -0.006 min
Response: 852029
Conc: 263.64 ng/ml



#26 AR-1254-1

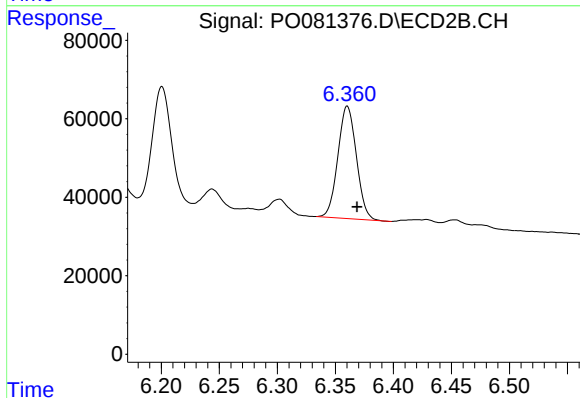
R.T.: 6.201 min
Delta R.T.: -0.009 min
Response: 332714
Conc: 210.33 ng/ml



#27 AR-1254-2

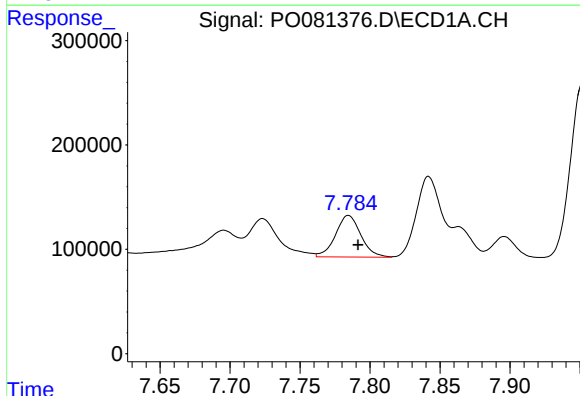
R.T.: 7.400 min
Delta R.T.: -0.008 min
Response: 901969
Conc: 181.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



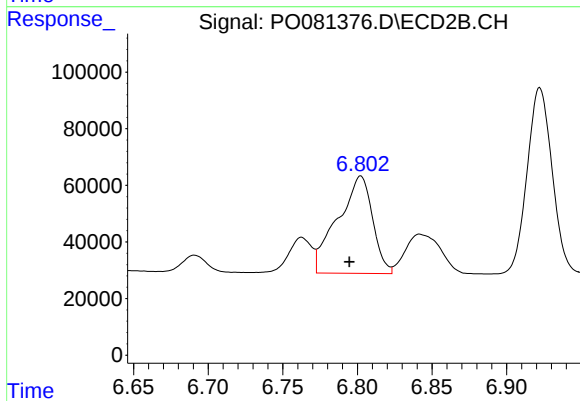
#27 AR-1254-2

R.T.: 6.360 min
Delta R.T.: -0.008 min
Response: 318255
Conc: 220.13 ng/ml



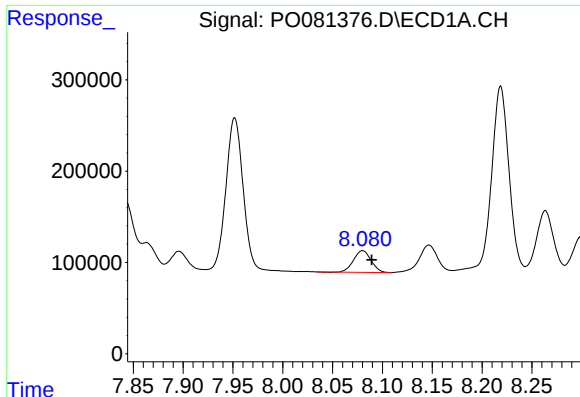
#28 AR-1254-3

R.T.: 7.785 min
Delta R.T.: -0.007 min
Response: 501453
Conc: 99.17 ng/ml



#28 AR-1254-3

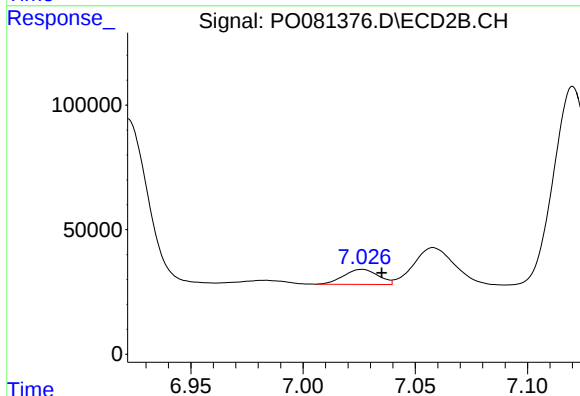
R.T.: 6.802 min
Delta R.T.: 0.008 min
Response: 560365
Conc: 250.47 ng/ml



#29 AR-1254-4

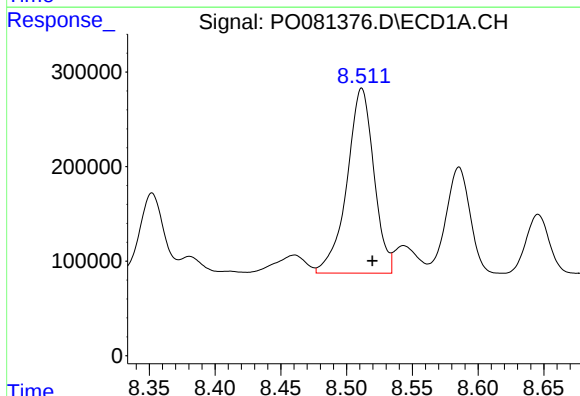
R.T.: 8.080 min
Delta R.T.: -0.009 min
Response: 291711
Conc: 78.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



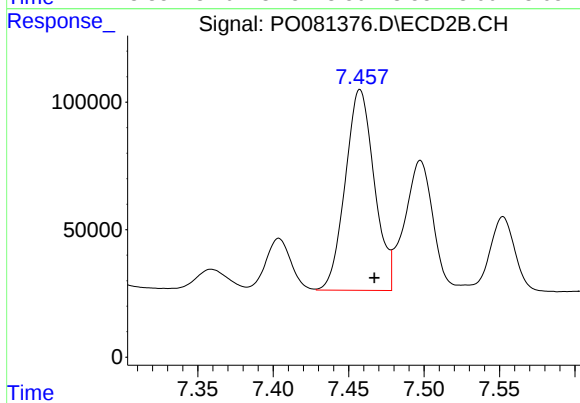
#29 AR-1254-4

R.T.: 7.026 min
Delta R.T.: -0.009 min
Response: 64723
Conc: 45.72 ng/ml



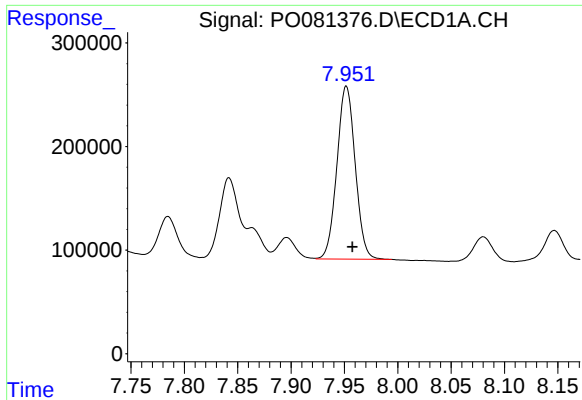
#30 AR-1254-5

R.T.: 8.512 min
Delta R.T.: -0.008 min
Response: 2788295
Conc: 674.06 ng/ml



#30 AR-1254-5

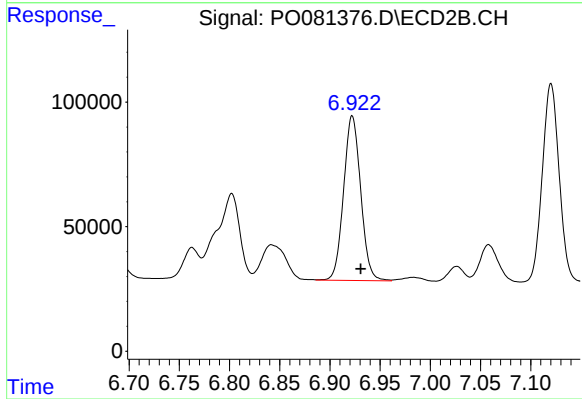
R.T.: 7.458 min
Delta R.T.: -0.010 min
Response: 1055400
Conc: 500.20 ng/ml



#31 AR-1260-1

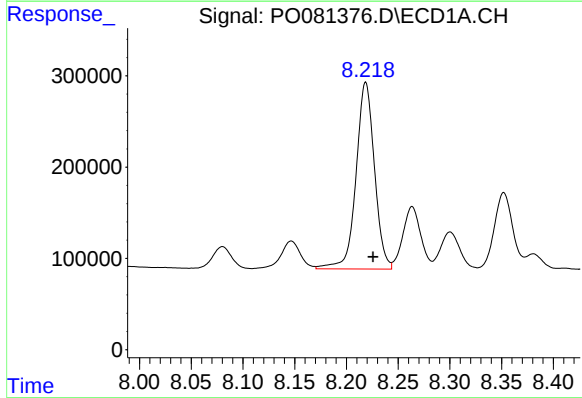
R.T.: 7.952 min
Delta R.T.: -0.006 min
Response: 1990841
Conc: 572.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



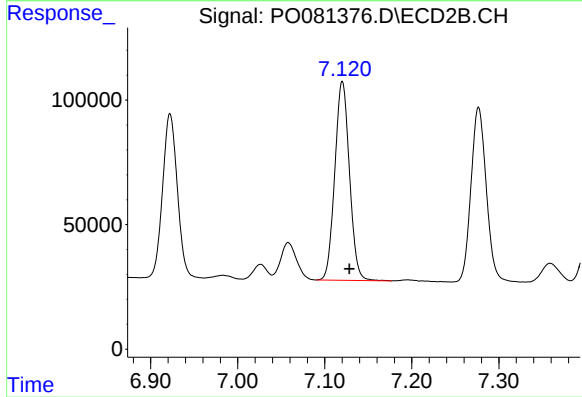
#31 AR-1260-1

R.T.: 6.922 min
Delta R.T.: -0.008 min
Response: 782489
Conc: 533.18 ng/ml



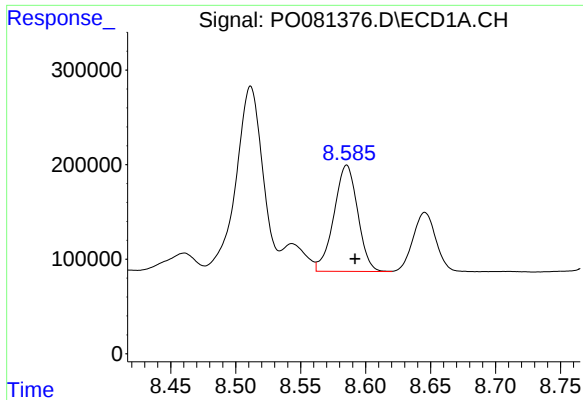
#32 AR-1260-2

R.T.: 8.219 min
Delta R.T.: -0.007 min
Response: 2537686
Conc: 569.41 ng/ml



#32 AR-1260-2

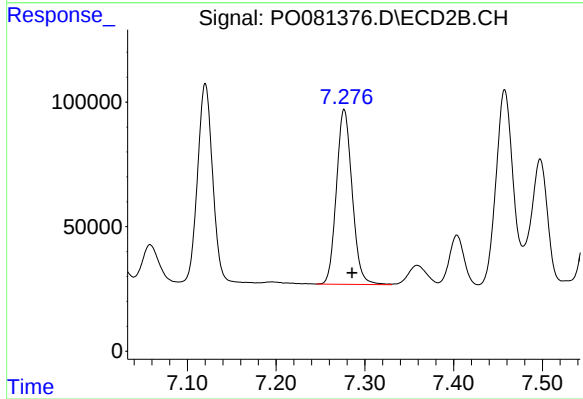
R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 935169
Conc: 532.77 ng/ml



#33 AR-1260-3

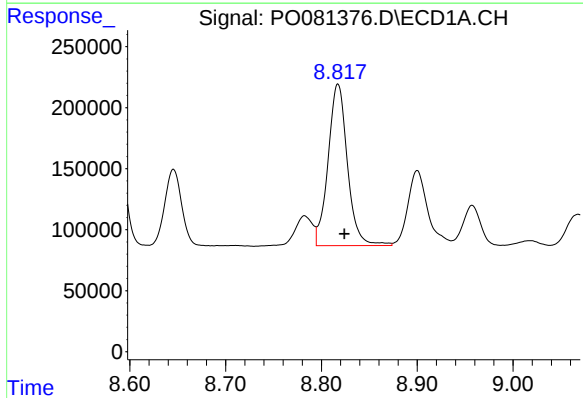
R.T.: 8.585 min
Delta R.T.: -0.007 min
Response: 1431903
Conc: 545.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



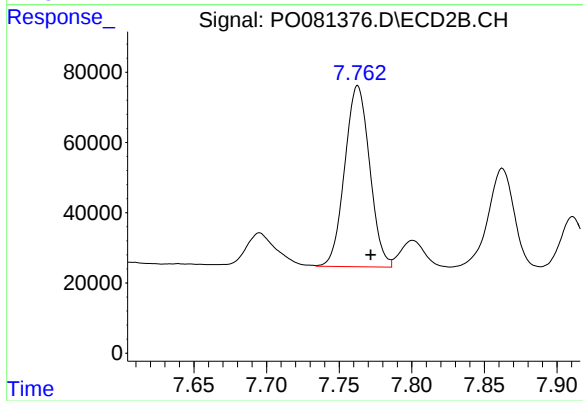
#33 AR-1260-3

R.T.: 7.277 min
Delta R.T.: -0.009 min
Response: 863794
Conc: 471.84 ng/ml



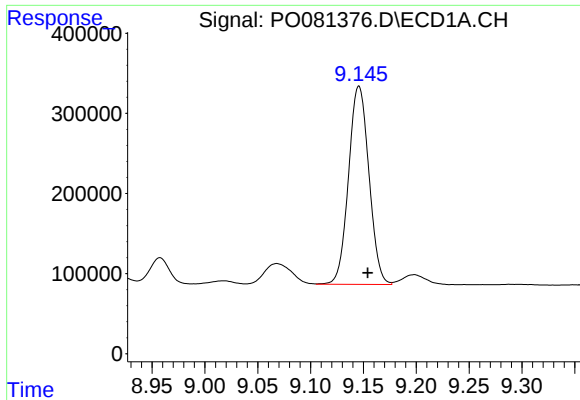
#34 AR-1260-4

R.T.: 8.817 min
Delta R.T.: -0.007 min
Response: 1858617
Conc: 580.63 ng/ml



#34 AR-1260-4

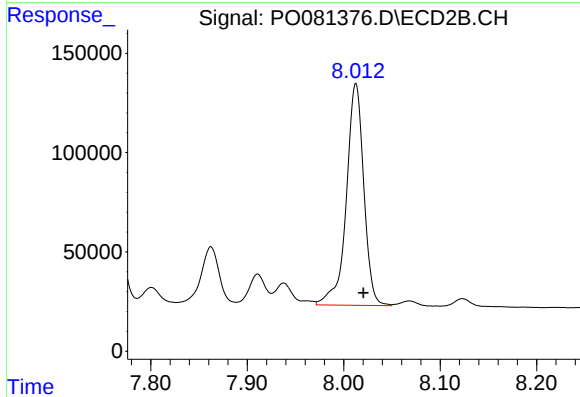
R.T.: 7.763 min
Delta R.T.: -0.009 min
Response: 615727
Conc: 521.19 ng/ml



#35 AR-1260-5

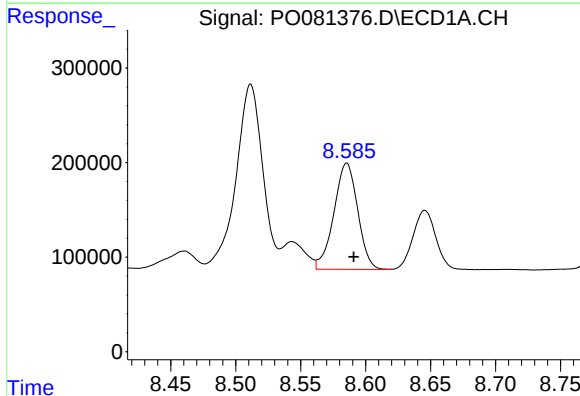
R.T.: 9.146 min
Delta R.T.: -0.008 min
Response: 3326593
Conc: 555.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



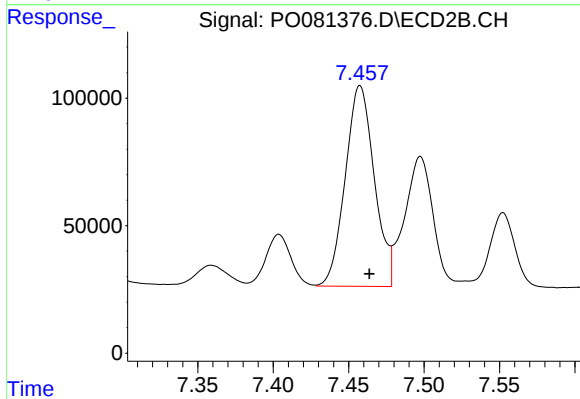
#35 AR-1260-5

R.T.: 8.013 min
Delta R.T.: -0.008 min
Response: 1408040
Conc: 497.41 ng/ml



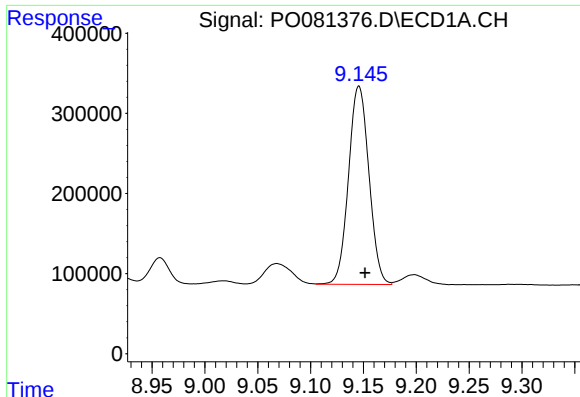
#36 AR-1262-1

R.T.: 8.585 min
Delta R.T.: -0.005 min
Response: 1431903
Conc: 321.34 ng/ml



#36 AR-1262-1

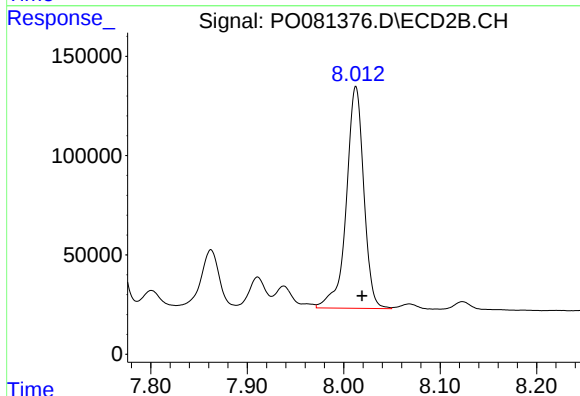
R.T.: 7.458 min
Delta R.T.: -0.006 min
Response: 1055400
Conc: 993.69 ng/ml



#37 AR-1262-2

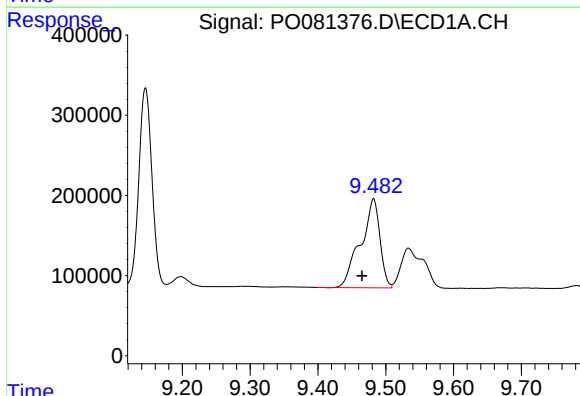
R.T.: 9.146 min
Delta R.T.: -0.006 min
Response: 3326593
Conc: 434.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



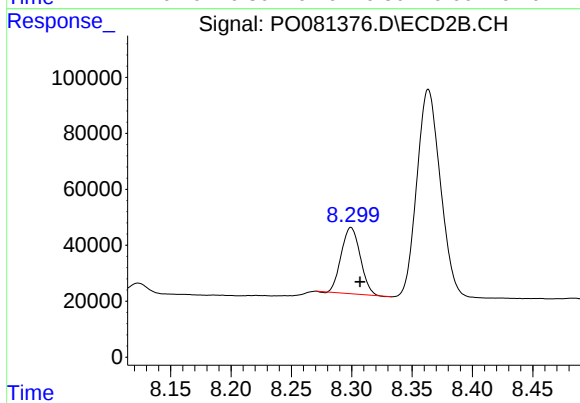
#37 AR-1262-2

R.T.: 8.013 min
Delta R.T.: -0.006 min
Response: 1408040
Conc: 427.82 ng/ml



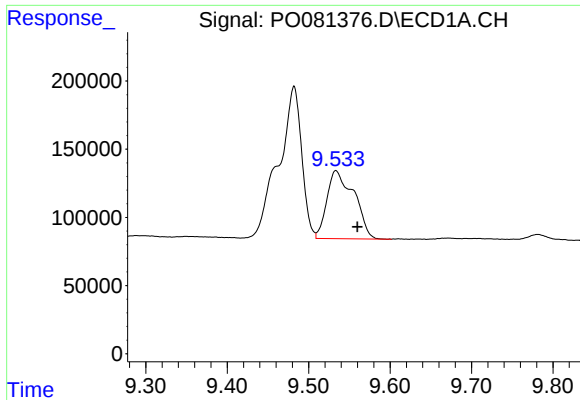
#38 AR-1262-3

R.T.: 9.482 min
Delta R.T.: 0.017 min
Response: 2199406
Conc: 645.26 ng/ml



#38 AR-1262-3

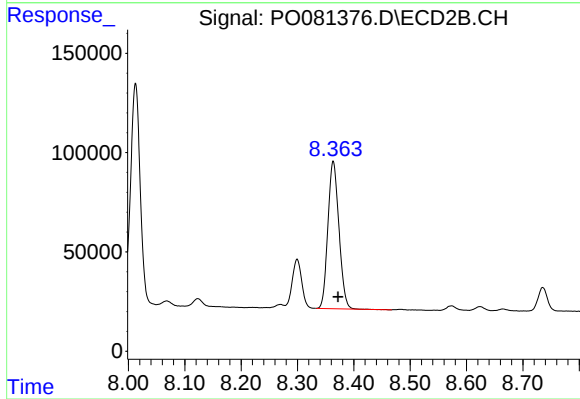
R.T.: 8.299 min
Delta R.T.: -0.007 min
Response: 259949
Conc: 193.96 ng/ml



#39 AR-1262-4

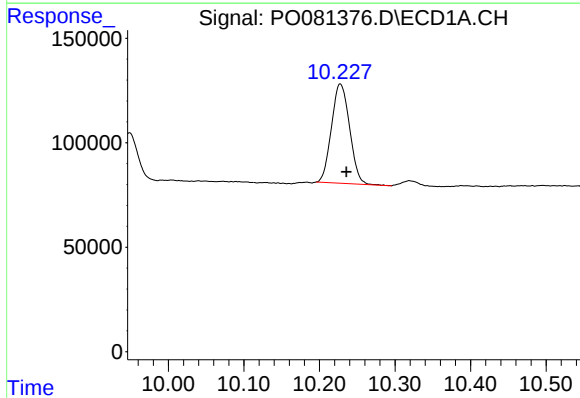
R.T.: 9.533 min
Delta R.T.: -0.027 min
Response: 1155392
Conc: 551.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



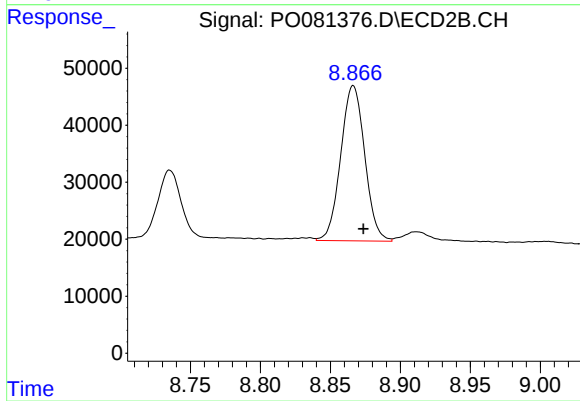
#39 AR-1262-4

R.T.: 8.364 min
Delta R.T.: -0.009 min
Response: 1009586
Conc: 425.58 ng/ml



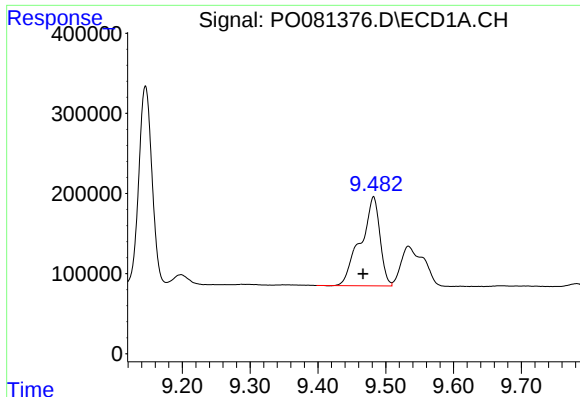
#40 AR-1262-5

R.T.: 10.228 min
Delta R.T.: -0.008 min
Response: 792948
Conc: 286.13 ng/ml



#40 AR-1262-5

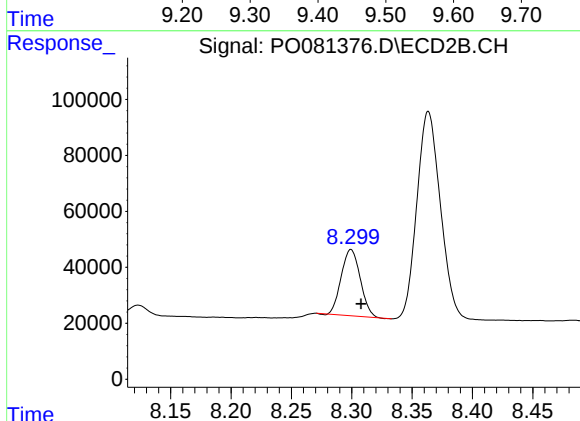
R.T.: 8.866 min
Delta R.T.: -0.007 min
Response: 325325
Conc: 281.05 ng/ml



#41 AR-1268-1

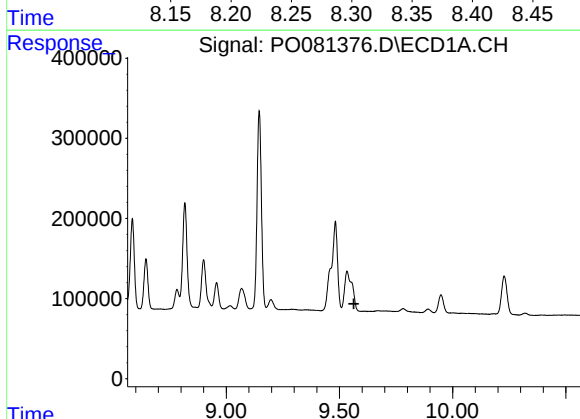
R.T.: 9.482 min
Delta R.T.: 0.016 min
Response: 2199406
Conc: 238.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



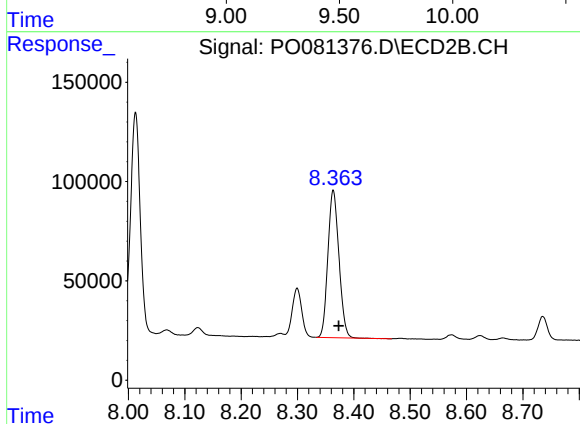
#41 AR-1268-1

R.T.: 8.299 min
Delta R.T.: -0.008 min
Response: 259949
Conc: 68.79 ng/ml



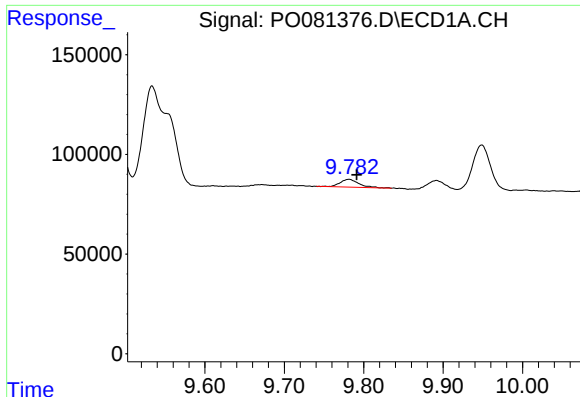
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.564 min
Response: 0
Conc: N.D.



#42 AR-1268-2

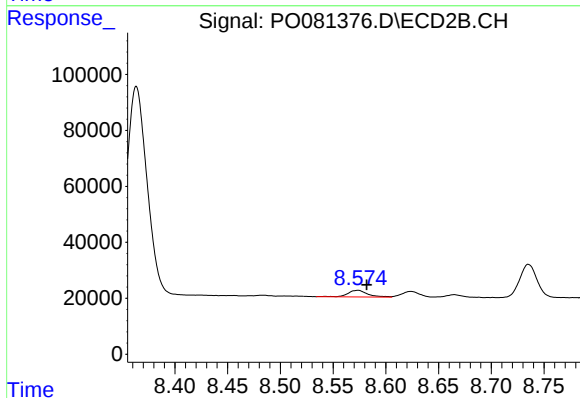
R.T.: 8.364 min
Delta R.T.: -0.010 min
Response: 1009586
Conc: 297.46 ng/ml



#43 AR-1268-3

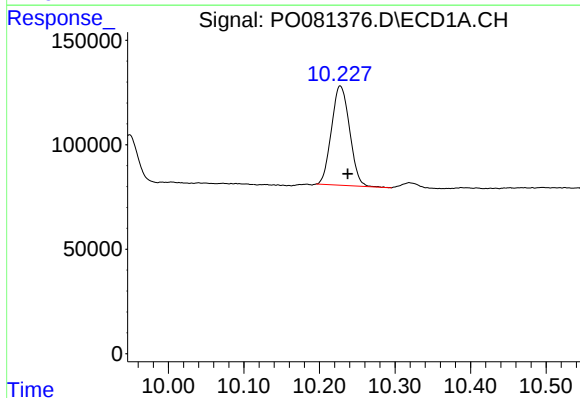
R.T.: 9.781 min
Delta R.T.: -0.010 min
Response: 66029
Conc: 9.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



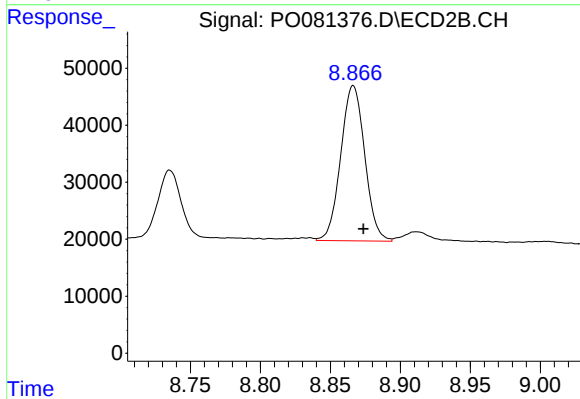
#43 AR-1268-3

R.T.: 8.574 min
Delta R.T.: -0.008 min
Response: 30359
Conc: 10.28 ng/ml



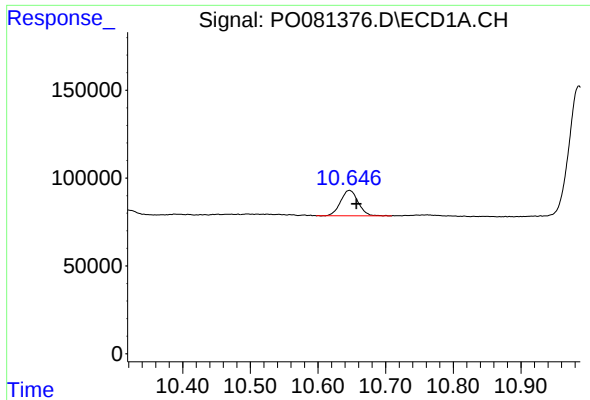
#44 AR-1268-4

R.T.: 10.228 min
Delta R.T.: -0.010 min
Response: 792948
Conc: 251.84 ng/ml



#44 AR-1268-4

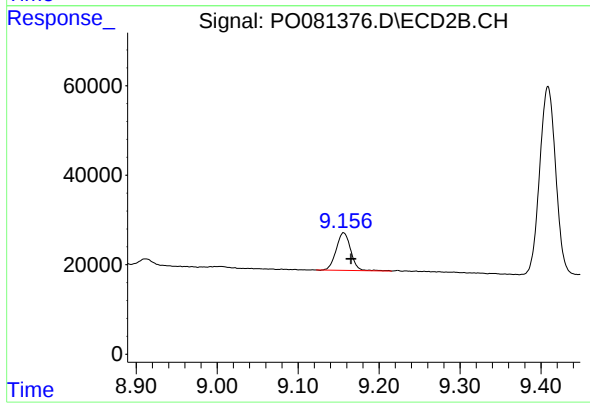
R.T.: 8.866 min
Delta R.T.: -0.007 min
Response: 325325
Conc: 247.23 ng/ml



#45 AR-1268-5

R.T.: 10.646 min
Delta R.T.: -0.010 min
Response: 260300
Conc: 11.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.156 min
Delta R.T.: -0.009 min
Response: 104568
Conc: 12.30 ng/ml