

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110620\
 Data File : PO073142.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Nov 2020 16:52
 Operator : DD\AJ
 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: Nov 06 23:50:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 05 05:38:46 2020
 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...	4.947	4.020	2522268	1506933	47.591	42.170
2)	SA Decachlor...	10.974	9.295	2032350	1489036	49.111	44.633
Target Compounds							
3)	L1 AR-1016-1	6.269	5.271	974998	625391	491.542	424.660
4)	L1 AR-1016-2	6.294	5.292	1345718	850079	490.875	427.280
5)	L1 AR-1016-3	6.360	5.481	814146	464177	488.507	487.745
6)	L1 AR-1016-4	6.467	5.534	678576	392004	503.413	465.448
7)	L1 AR-1016-5	6.783	5.761	651017	488353	573.879	453.168
8)	L2 AR-1221-1	5.191	4.275	88100	58928	127.907	124.331
9)	L2 AR-1221-2	5.297	4.374	121753	84394	239.311	235.668
10)	L2 AR-1221-3	5.383	4.463	471017	313338	301.108	285.558
11)	L3 AR-1232-1	5.383	4.463	471017	313338	376.175	364.018
12)	L3 AR-1232-2	5.974	5.292	649379	850079	1049.492	962.433
13)	L3 AR-1232-3	6.294	5.481	1345718	464177	1069.723	1087.753
14)	L3 AR-1232-4	6.467	5.578	678576	464216	1112.287	1102.493
15)	L3 AR-1232-5	6.566	5.761	539862	488353	1289.872	1090.896
16)	L4 AR-1242-1	6.269	5.271	974998	625391	560.805	500.088
17)	L4 AR-1242-2	6.294	5.292	1345718	850079	561.844	510.249
18)	L4 AR-1242-3	6.360	5.481	814146	464177	556.027	556.851
19)	L4 AR-1242-4	6.467	5.578	678576	464216	563.143	529.614
20)	L4 AR-1242-5	7.252	6.138	102809	363672	78.547	319.866 #
21)	L5 AR-1248-1	6.269	5.271	974998	625391	724.176	667.062
22)	L5 AR-1248-2	6.566	5.534	539862	392004	311.195	302.659
23)	L5 AR-1248-3	6.783	5.578	651017	464216	347.238	343.579
24)	L5 AR-1248-4	7.213	5.761	127714	488353	52.824	307.933 #
25)	L5 AR-1248-5	7.252	6.181	102809	65037	44.787	40.845
26)	L6 AR-1254-1	7.182	6.138	449397	363672	192.071	151.364
27)	L6 AR-1254-2	7.412	6.297	503869	340043	143.000	158.881
28)	L6 AR-1254-3	7.795	6.734f	280764	654384	78.070	194.515 #
29)	L6 AR-1254-4	8.090	6.952	229514	105544	76.268	47.524 #
30)	L6 AR-1254-5	8.520	7.379	1649760	1206183	569.914	397.350 #
31)	L7 AR-1260-1	7.963	6.852	1157431	860902	531.362	428.511
32)	L7 AR-1260-2	8.229	7.048	1474228	1084026	544.166	436.803
33)	L7 AR-1260-3	8.595	7.202	1182734	985068	574.592	436.427
34)	L7 AR-1260-4	8.825	7.682	1211047	868938	530.535	469.614
35)	L7 AR-1260-5	9.153	7.927	2587188	1994013	586.550	465.659
36)	L8 AR-1262-1	8.595	7.379	1182734	1206183	347.066	774.534 #
37)	L8 AR-1262-2	9.153	7.927	2587188	1994013	445.665	394.125
38)	L8 AR-1262-3	9.466	8.214	564831	476180	135.794	234.567 #
39)	L8 AR-1262-4	9.558	8.275	452478	1448346	140.707	394.457 #
40)	L8 AR-1262-5	10.226	8.770	776142	549254	369.016	314.023
41)	L9 AR-1268-1	9.466	8.214	564831	476180	79.703	83.751

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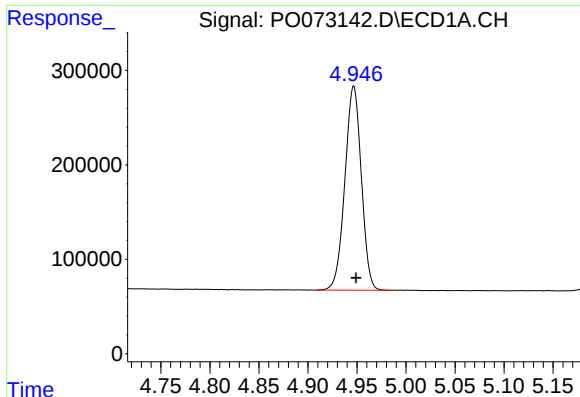
Instrument :
 ECD_O
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Integration File signal 1: autoint1.e
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	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.558	8.275	452478	1448346	69.840	285.846 #
43) L9	AR-1268-3	9.788	8.486	91149	32824	16.318	7.450 #
44) L9	AR-1268-4	10.226	8.770	776142	549254	334.683	285.241
45) L9	AR-1268-5	10.636	9.050	213903	149440	13.225	11.480

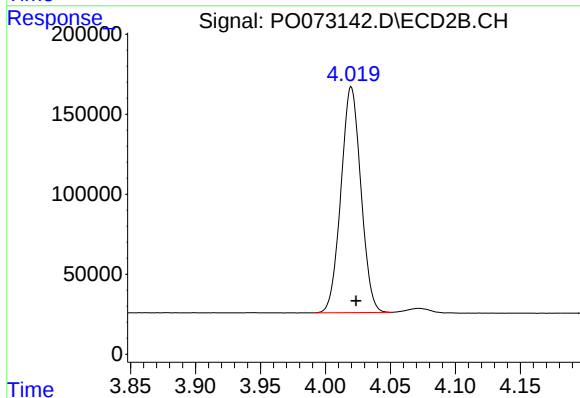
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

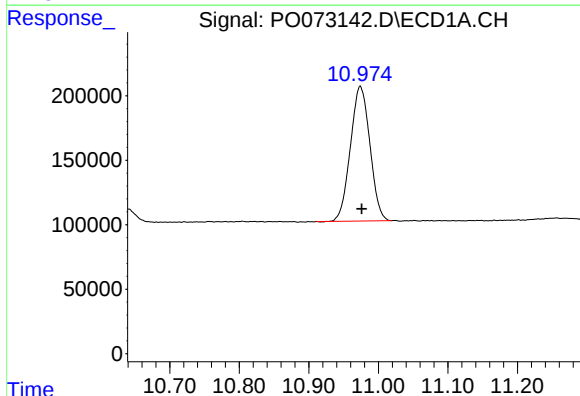
R.T.: 4.947 min
Delta R.T.: -0.002 min
Response: 2522268
Conc: 47.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



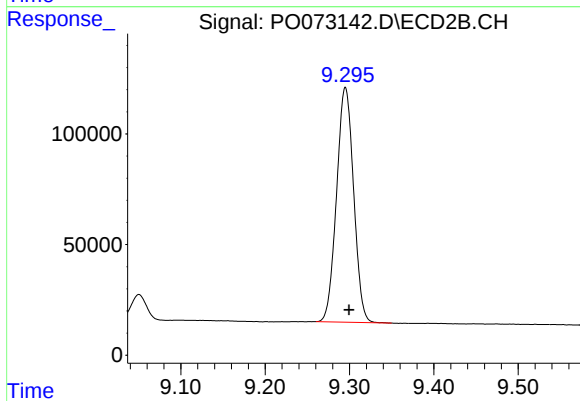
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 1506933
Conc: 42.17 ng/ml



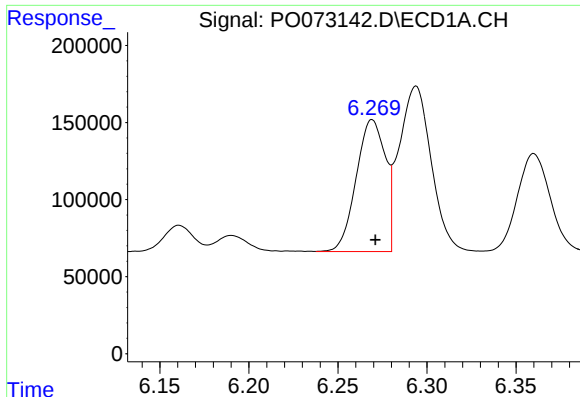
#2 Decachlorobiphenyl

R.T.: 10.974 min
Delta R.T.: -0.002 min
Response: 2032350
Conc: 49.11 ng/ml



#2 Decachlorobiphenyl

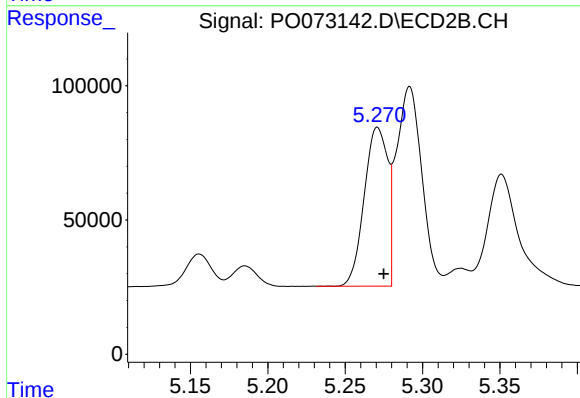
R.T.: 9.295 min
Delta R.T.: -0.004 min
Response: 1489036
Conc: 44.63 ng/ml



#3 AR-1016-1

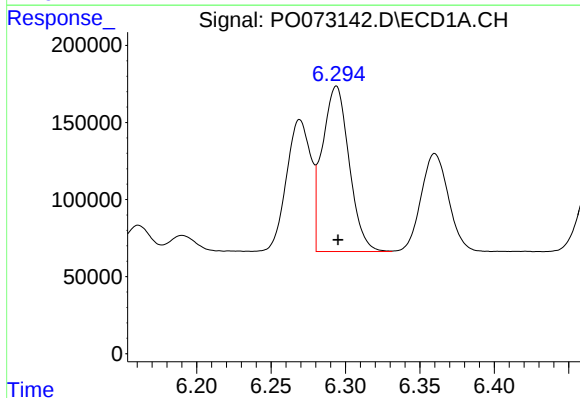
R.T.: 6.269 min
Delta R.T.: -0.002 min
Response: 974998
Conc: 491.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



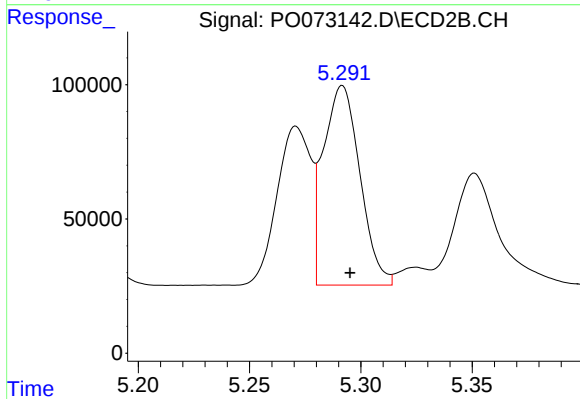
#3 AR-1016-1

R.T.: 5.271 min
Delta R.T.: -0.004 min
Response: 625391
Conc: 424.66 ng/ml



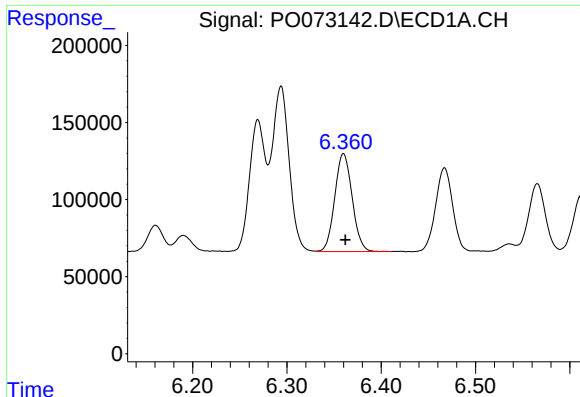
#4 AR-1016-2

R.T.: 6.294 min
Delta R.T.: -0.001 min
Response: 1345718
Conc: 490.88 ng/ml



#4 AR-1016-2

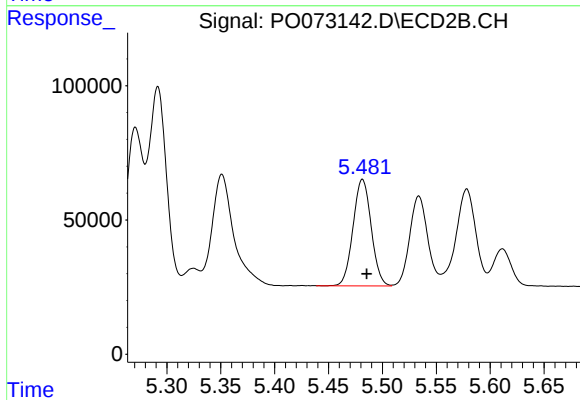
R.T.: 5.292 min
Delta R.T.: -0.004 min
Response: 850079
Conc: 427.28 ng/ml



#5 AR-1016-3

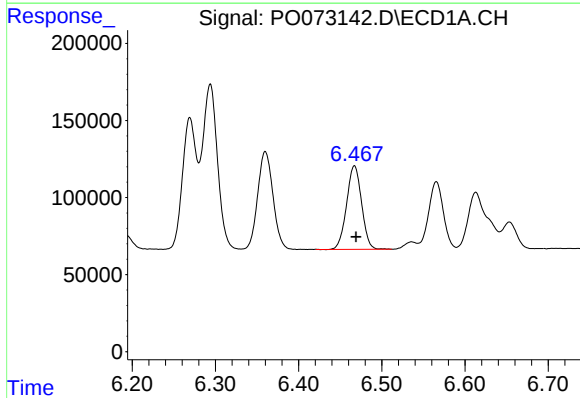
R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 814146
Conc: 488.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



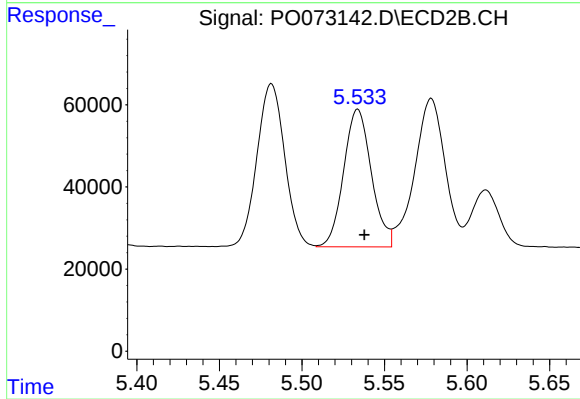
#5 AR-1016-3

R.T.: 5.481 min
Delta R.T.: -0.004 min
Response: 464177
Conc: 487.74 ng/ml



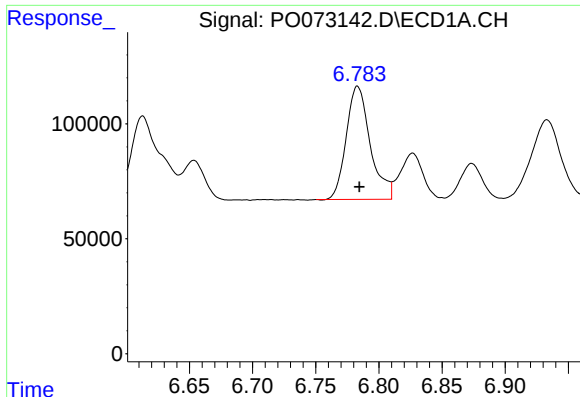
#6 AR-1016-4

R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 678576
Conc: 503.41 ng/ml



#6 AR-1016-4

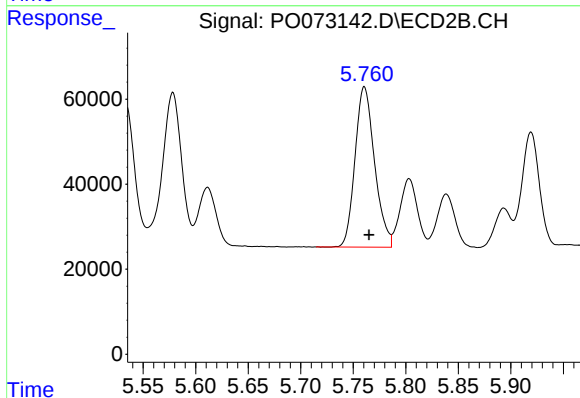
R.T.: 5.534 min
Delta R.T.: -0.004 min
Response: 392004
Conc: 465.45 ng/ml



#7 AR-1016-5

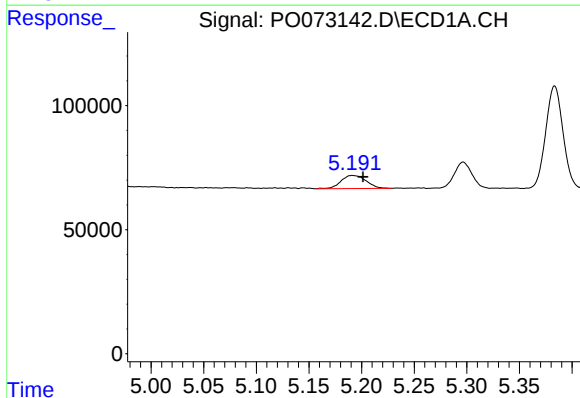
R.T.: 6.783 min
Delta R.T.: -0.002 min
Response: 651017
Conc: 573.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



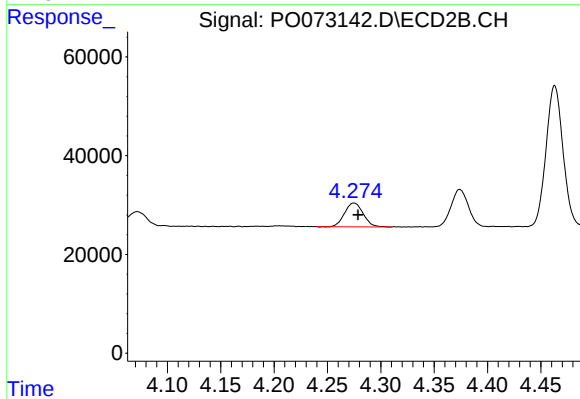
#7 AR-1016-5

R.T.: 5.761 min
Delta R.T.: -0.004 min
Response: 488353
Conc: 453.17 ng/ml



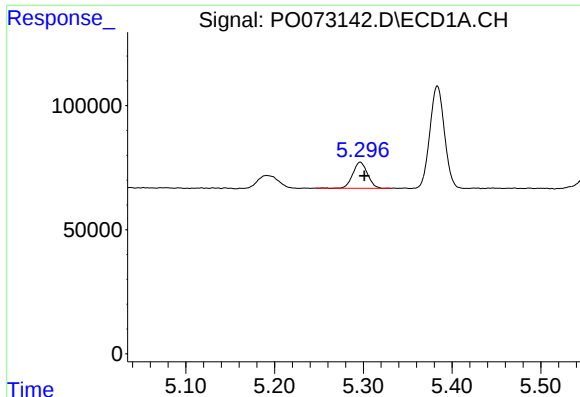
#8 AR-1221-1

R.T.: 5.191 min
Delta R.T.: -0.010 min
Response: 88100
Conc: 127.91 ng/ml



#8 AR-1221-1

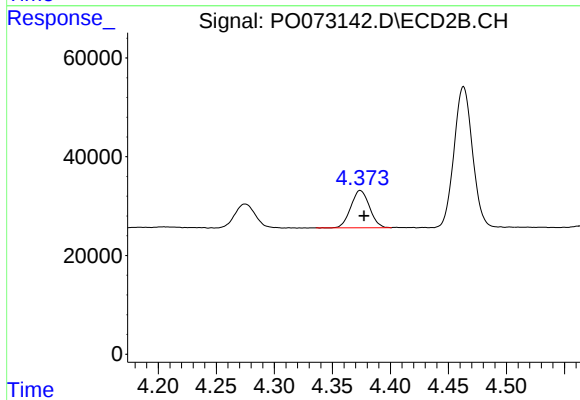
R.T.: 4.275 min
Delta R.T.: -0.004 min
Response: 58928
Conc: 124.33 ng/ml



#9 AR-1221-2

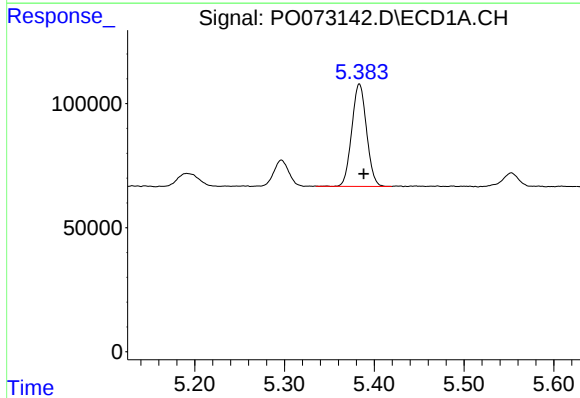
R.T.: 5.297 min
Delta R.T.: -0.005 min
Response: 121753
Conc: 239.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



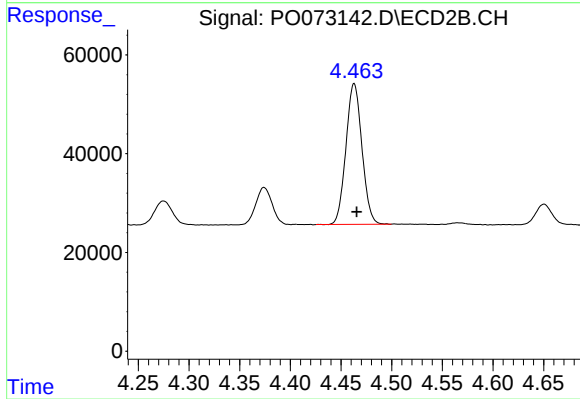
#9 AR-1221-2

R.T.: 4.374 min
Delta R.T.: -0.003 min
Response: 84394
Conc: 235.67 ng/ml



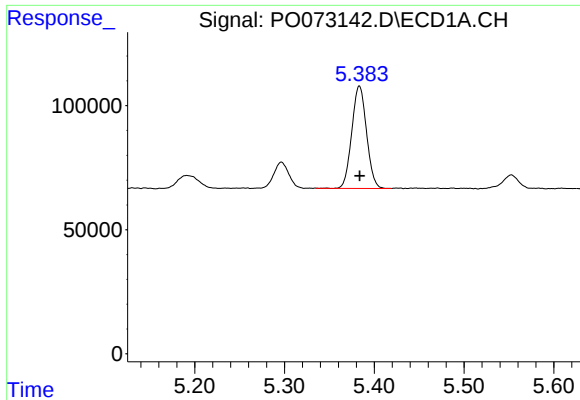
#10 AR-1221-3

R.T.: 5.383 min
Delta R.T.: -0.005 min
Response: 471017
Conc: 301.11 ng/ml



#10 AR-1221-3

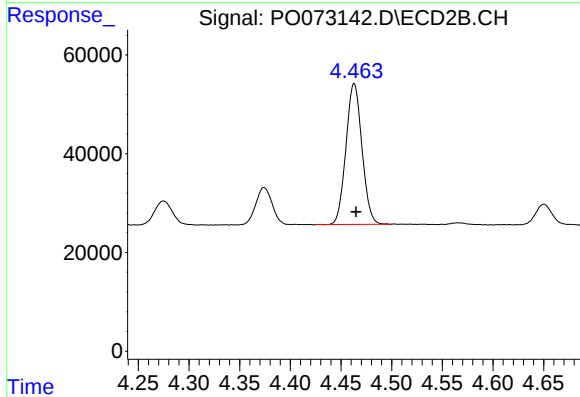
R.T.: 4.463 min
Delta R.T.: -0.002 min
Response: 313338
Conc: 285.56 ng/ml



#11 AR-1232-1

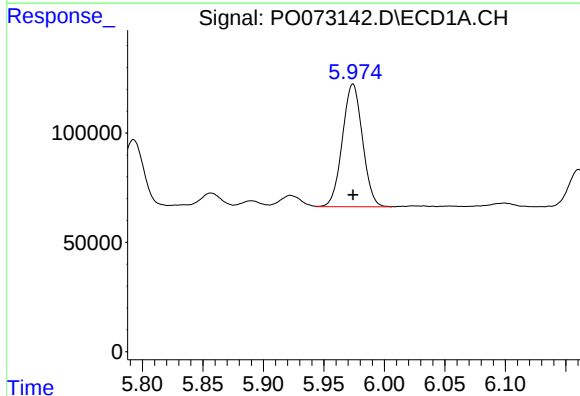
R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 471017
Conc: 376.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



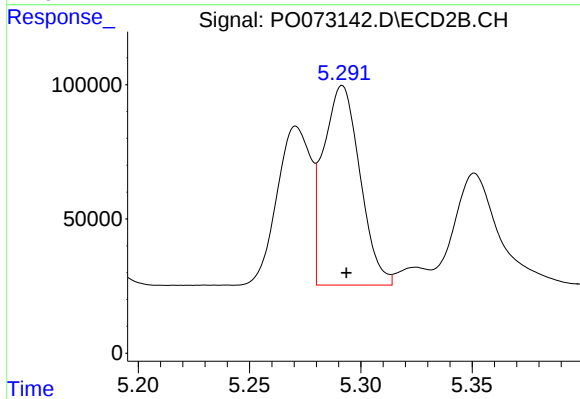
#11 AR-1232-1

R.T.: 4.463 min
Delta R.T.: -0.002 min
Response: 313338
Conc: 364.02 ng/ml



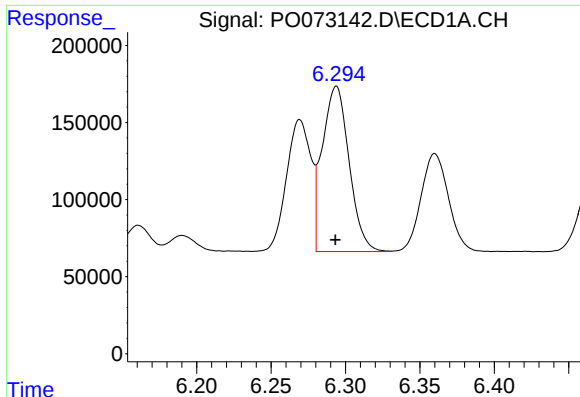
#12 AR-1232-2

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 649379
Conc: 1049.49 ng/ml



#12 AR-1232-2

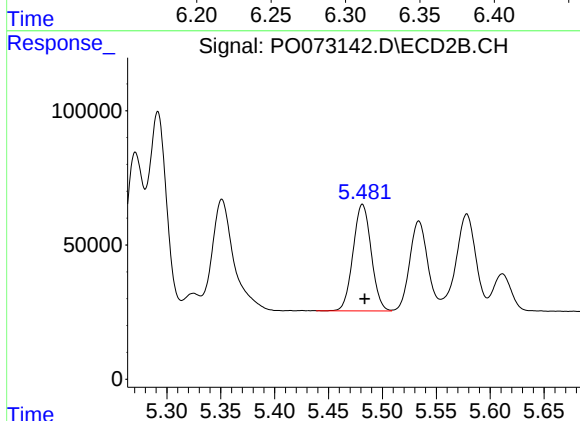
R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 850079
Conc: 962.43 ng/ml



#13 AR-1232-3

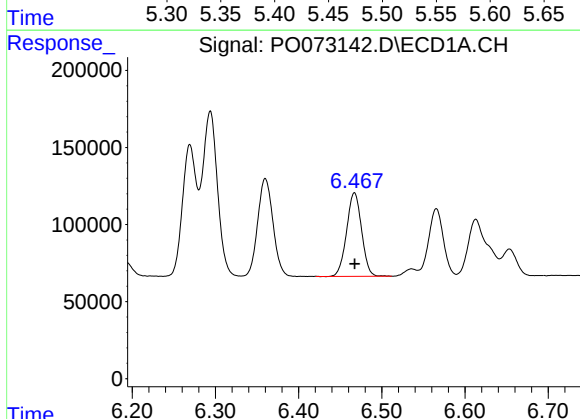
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 1345718
Conc: 1069.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



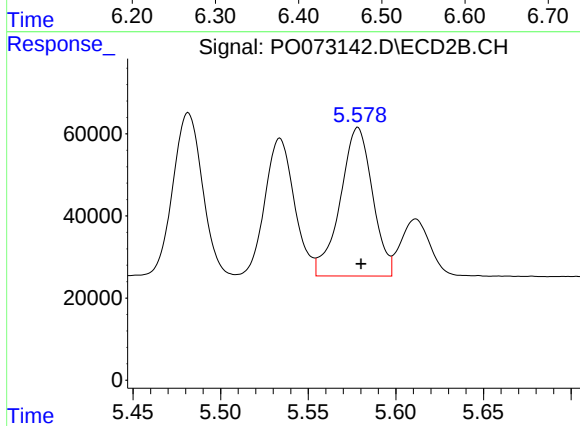
#13 AR-1232-3

R.T.: 5.481 min
Delta R.T.: -0.002 min
Response: 464177
Conc: 1087.75 ng/ml



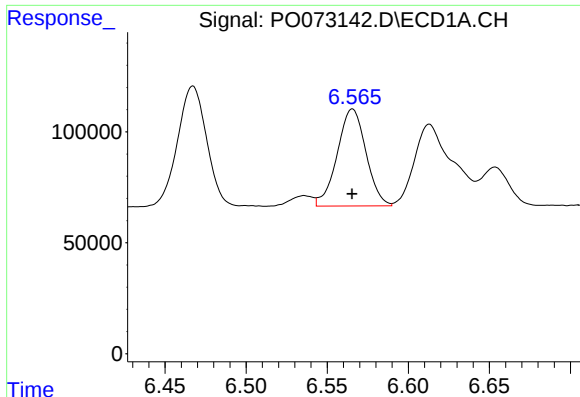
#14 AR-1232-4

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 678576
Conc: 1112.29 ng/ml



#14 AR-1232-4

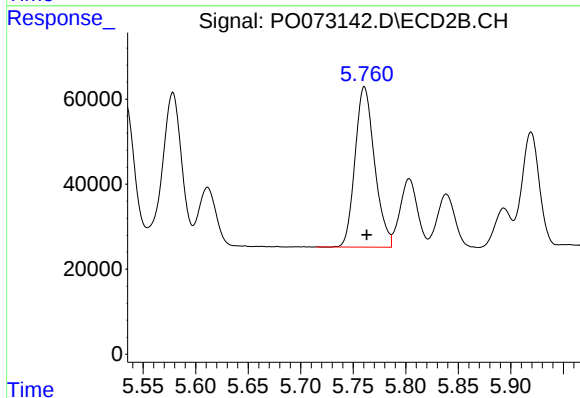
R.T.: 5.578 min
Delta R.T.: -0.002 min
Response: 464216
Conc: 1102.49 ng/ml



#15 AR-1232-5

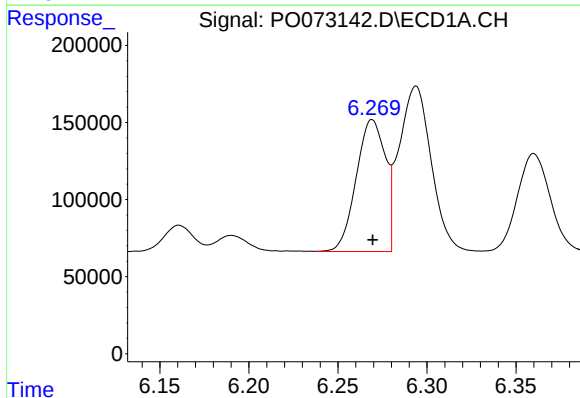
R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 539862
Conc: 1289.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



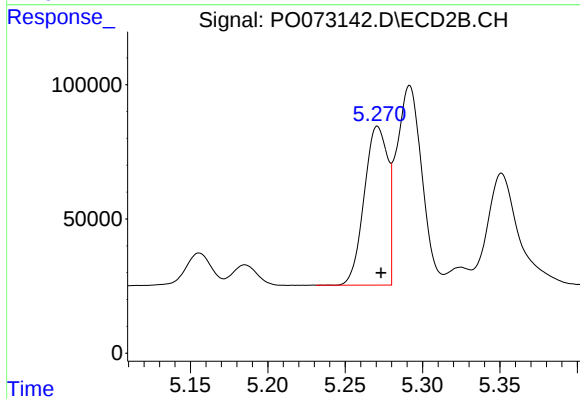
#15 AR-1232-5

R.T.: 5.761 min
Delta R.T.: -0.002 min
Response: 488353
Conc: 1090.90 ng/ml



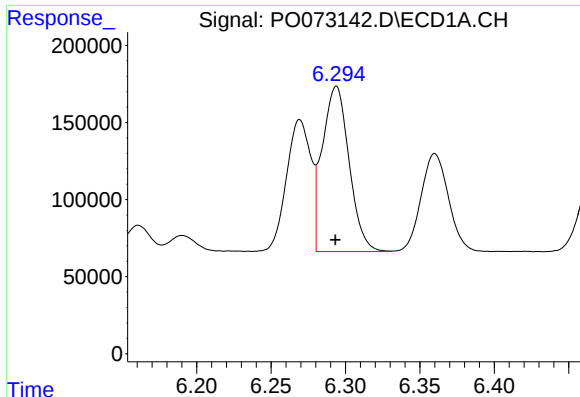
#16 AR-1242-1

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 974998
Conc: 560.81 ng/ml



#16 AR-1242-1

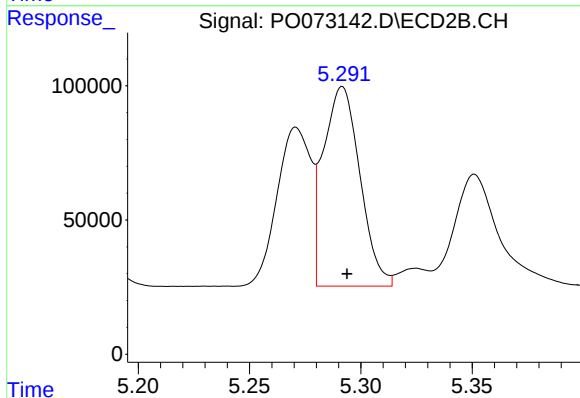
R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 625391
Conc: 500.09 ng/ml



#17 AR-1242-2

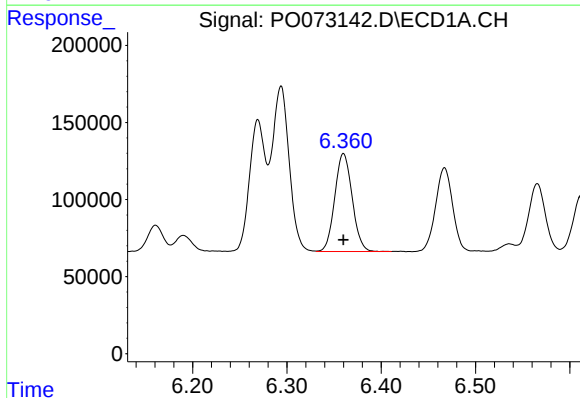
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 1345718
Conc: 561.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



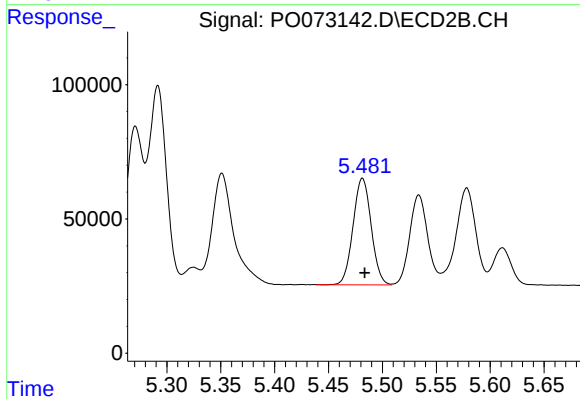
#17 AR-1242-2

R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 850079
Conc: 510.25 ng/ml



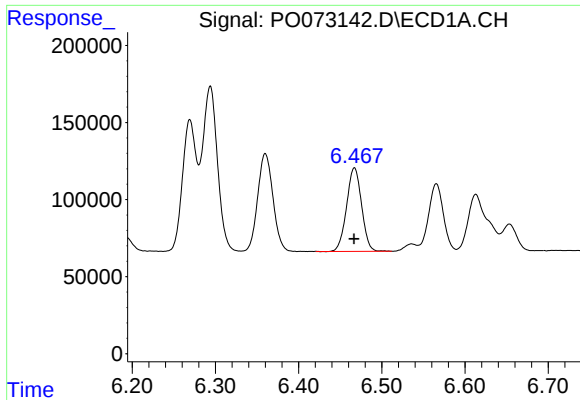
#18 AR-1242-3

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 814146
Conc: 556.03 ng/ml



#18 AR-1242-3

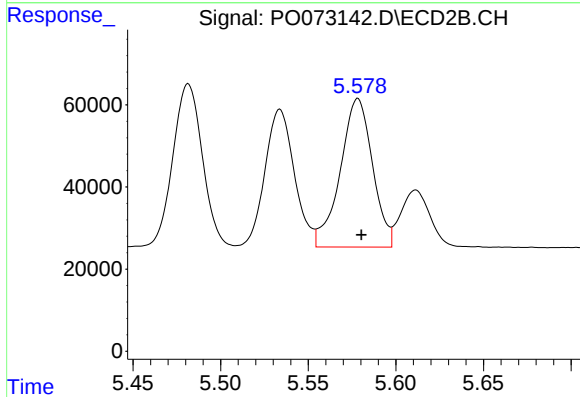
R.T.: 5.481 min
Delta R.T.: -0.002 min
Response: 464177
Conc: 556.85 ng/ml



#19 AR-1242-4

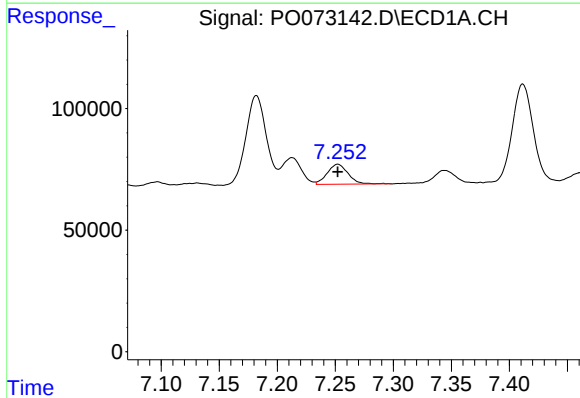
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 678576
Conc: 563.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



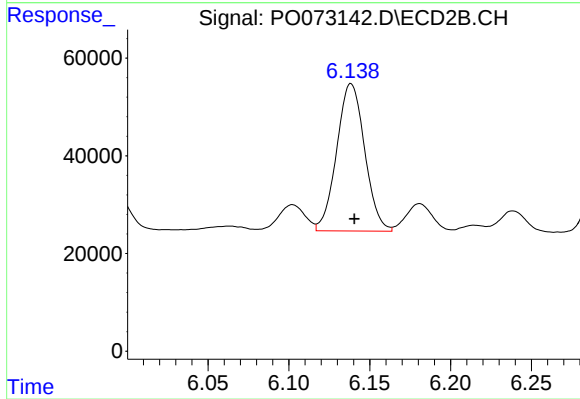
#19 AR-1242-4

R.T.: 5.578 min
Delta R.T.: -0.002 min
Response: 464216
Conc: 529.61 ng/ml



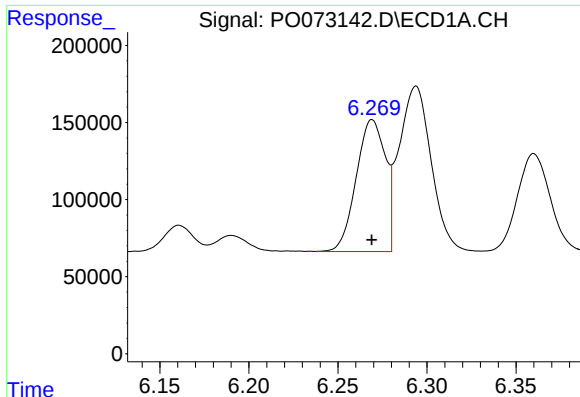
#20 AR-1242-5

R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 102809
Conc: 78.55 ng/ml



#20 AR-1242-5

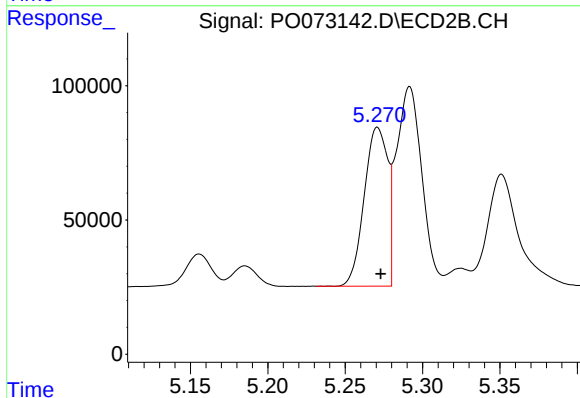
R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 363672
Conc: 319.87 ng/ml



#21 AR-1248-1

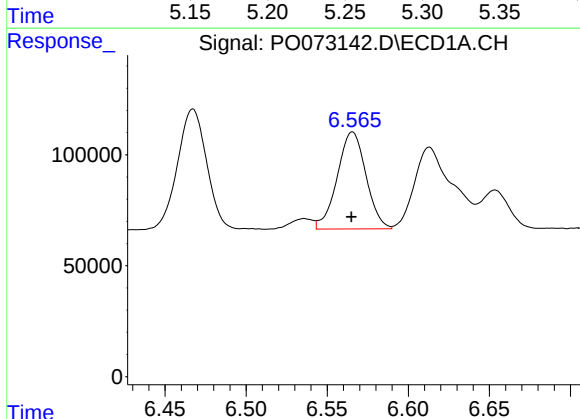
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 974998
Conc: 724.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



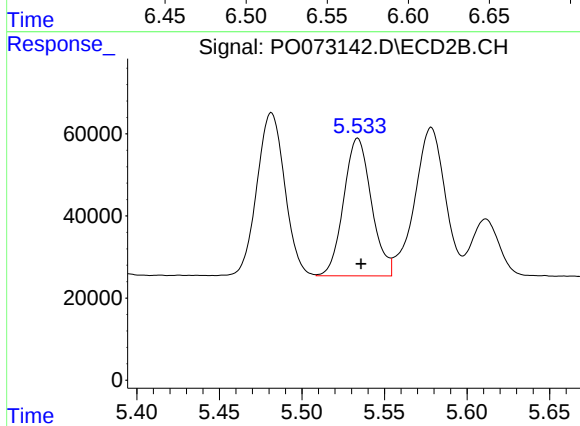
#21 AR-1248-1

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 625391
Conc: 667.06 ng/ml



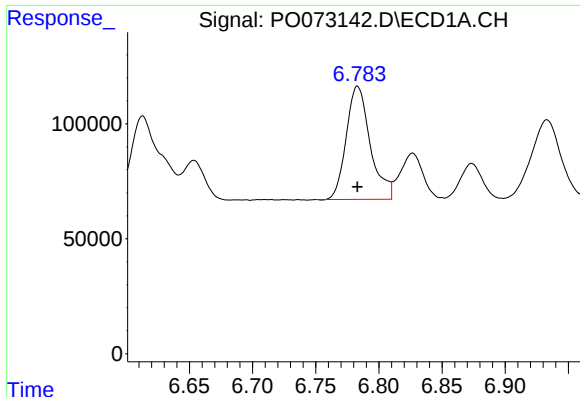
#22 AR-1248-2

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 539862
Conc: 311.19 ng/ml



#22 AR-1248-2

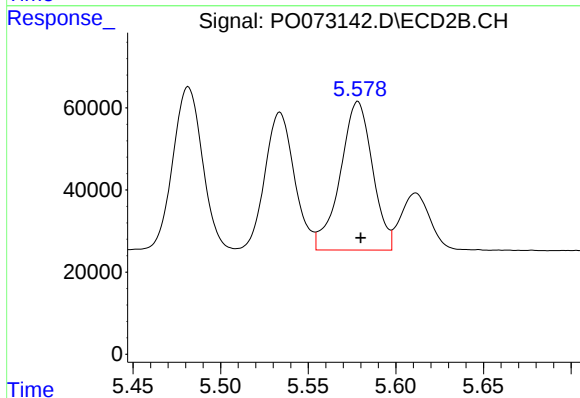
R.T.: 5.534 min
Delta R.T.: -0.002 min
Response: 392004
Conc: 302.66 ng/ml



#23 AR-1248-3

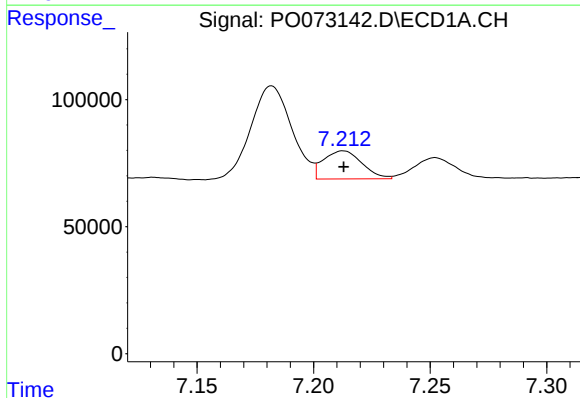
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 651017
Conc: 347.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



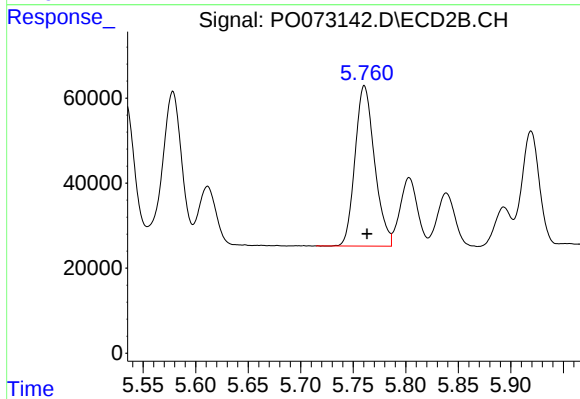
#23 AR-1248-3

R.T.: 5.578 min
Delta R.T.: -0.002 min
Response: 464216
Conc: 343.58 ng/ml



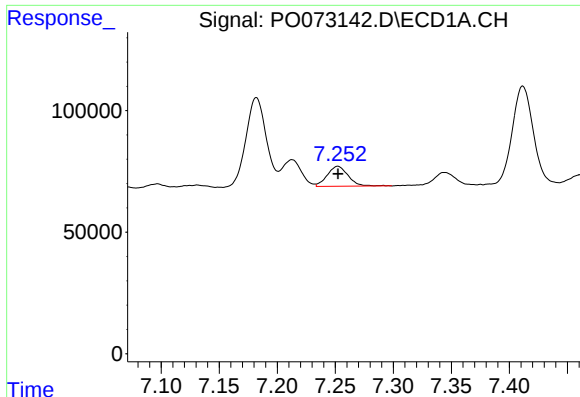
#24 AR-1248-4

R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 127714
Conc: 52.82 ng/ml



#24 AR-1248-4

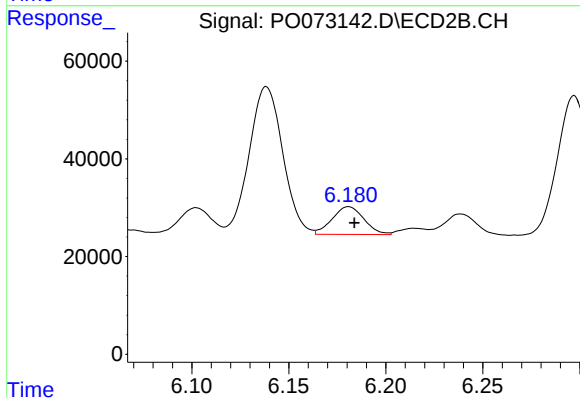
R.T.: 5.761 min
Delta R.T.: -0.002 min
Response: 488353
Conc: 307.93 ng/ml



#25 AR-1248-5

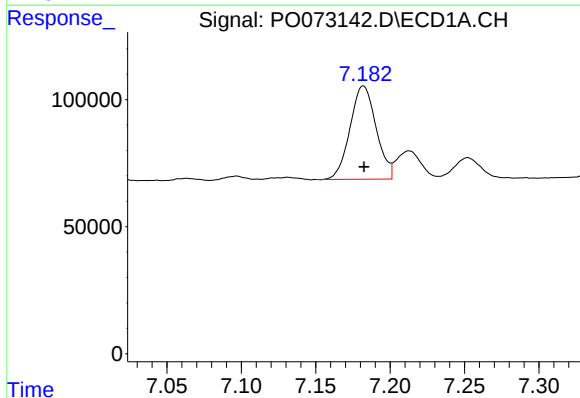
R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 102809
Conc: 44.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



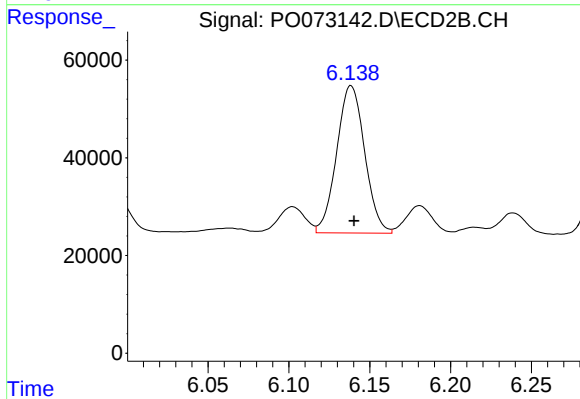
#25 AR-1248-5

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 65037
Conc: 40.84 ng/ml



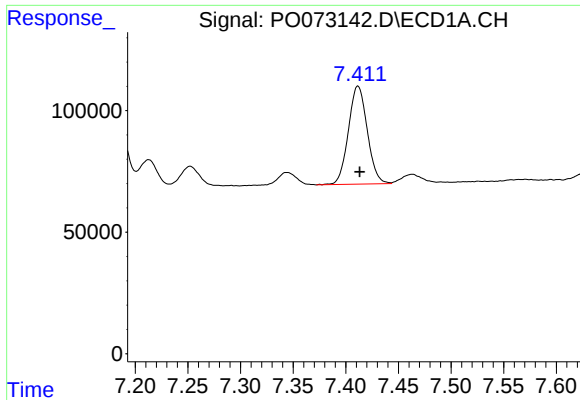
#26 AR-1254-1

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 449397
Conc: 192.07 ng/ml



#26 AR-1254-1

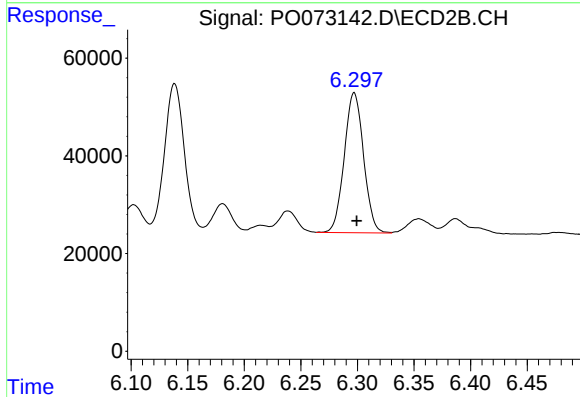
R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 363672
Conc: 151.36 ng/ml



#27 AR-1254-2

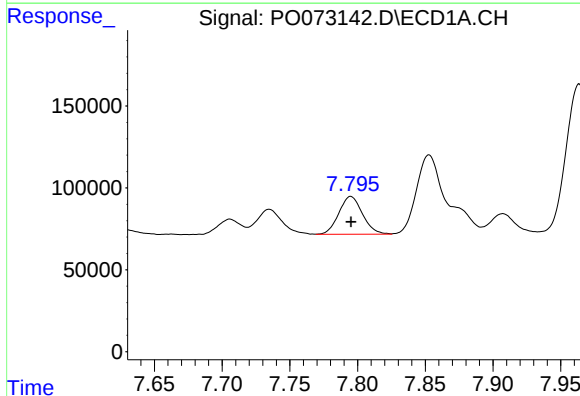
R.T.: 7.412 min
Delta R.T.: -0.002 min
Response: 503869
Conc: 143.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



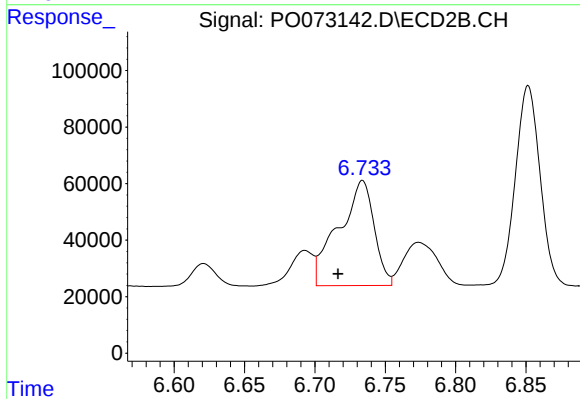
#27 AR-1254-2

R.T.: 6.297 min
Delta R.T.: -0.002 min
Response: 340043
Conc: 158.88 ng/ml



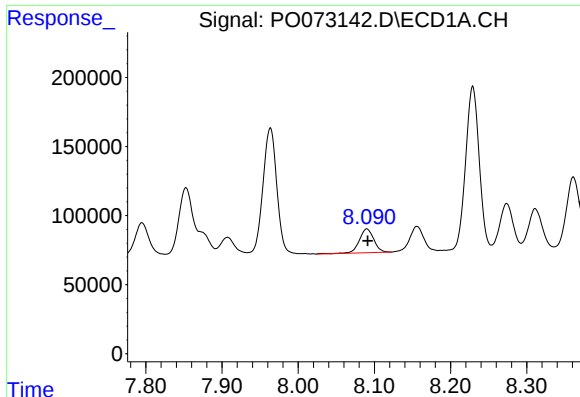
#28 AR-1254-3

R.T.: 7.795 min
Delta R.T.: 0.000 min
Response: 280764
Conc: 78.07 ng/ml



#28 AR-1254-3

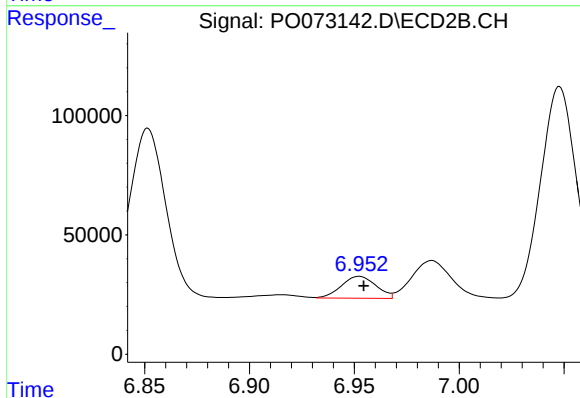
R.T.: 6.734 min
Delta R.T.: 0.017 min
Response: 654384
Conc: 194.51 ng/ml



#29 AR-1254-4

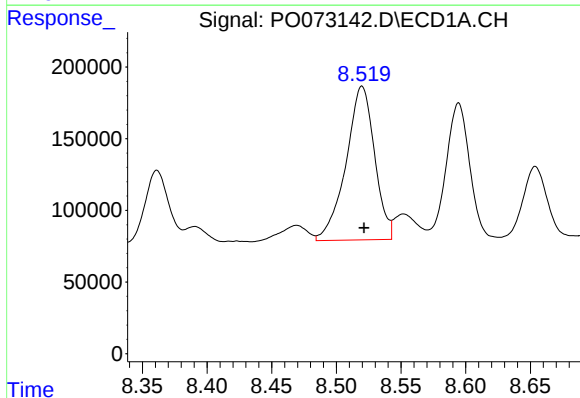
R.T.: 8.090 min
Delta R.T.: -0.001 min
Response: 229514
Conc: 76.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



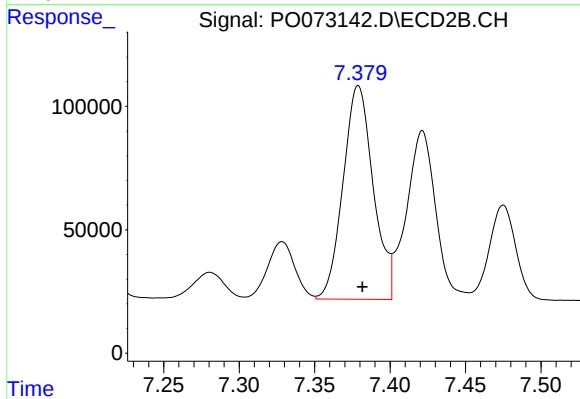
#29 AR-1254-4

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 105544
Conc: 47.52 ng/ml



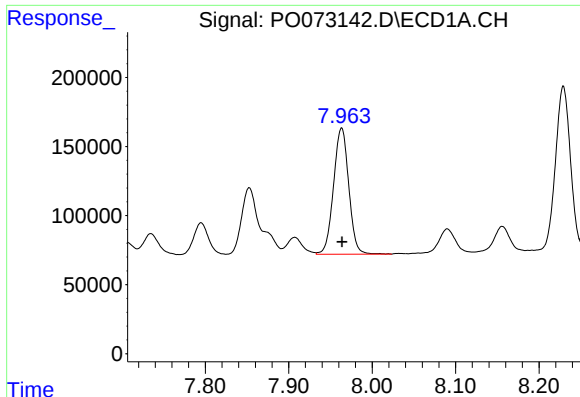
#30 AR-1254-5

R.T.: 8.520 min
Delta R.T.: -0.001 min
Response: 1649760
Conc: 569.91 ng/ml



#30 AR-1254-5

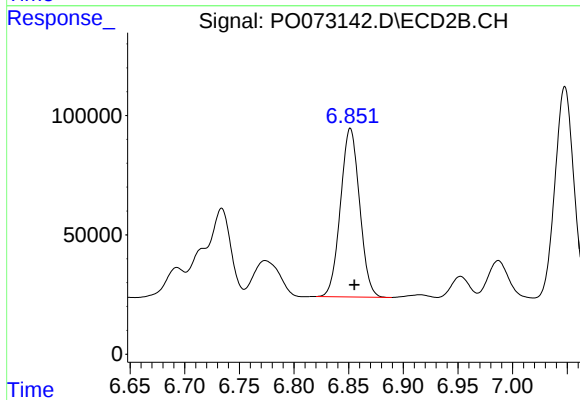
R.T.: 7.379 min
Delta R.T.: -0.003 min
Response: 1206183
Conc: 397.35 ng/ml



#31 AR-1260-1

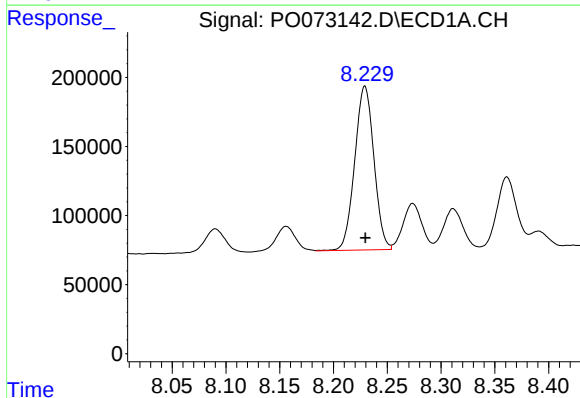
R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 1157431
Conc: 531.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



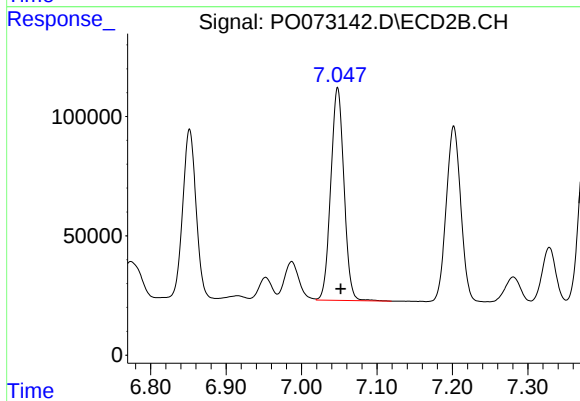
#31 AR-1260-1

R.T.: 6.852 min
Delta R.T.: -0.004 min
Response: 860902
Conc: 428.51 ng/ml



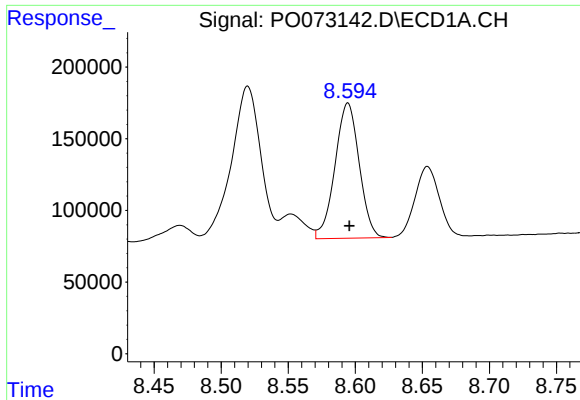
#32 AR-1260-2

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 1474228
Conc: 544.17 ng/ml



#32 AR-1260-2

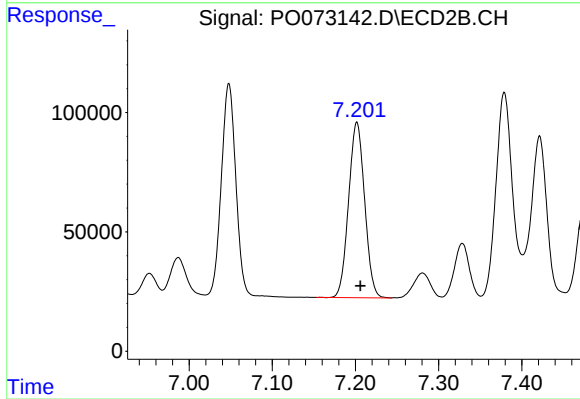
R.T.: 7.048 min
Delta R.T.: -0.004 min
Response: 1084026
Conc: 436.80 ng/ml



#33 AR-1260-3

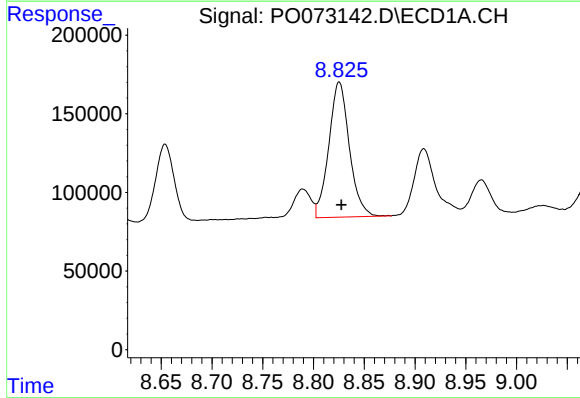
R.T.: 8.595 min
Delta R.T.: -0.001 min
Response: 1182734
Conc: 574.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



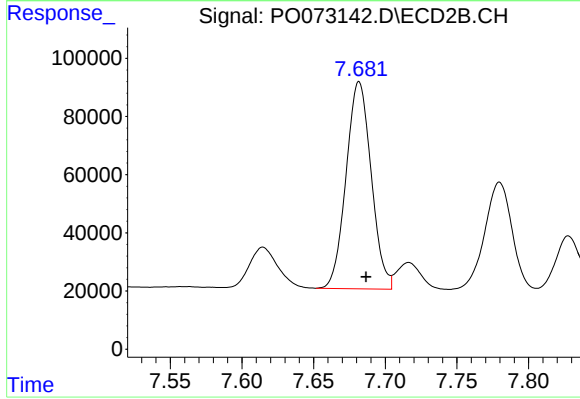
#33 AR-1260-3

R.T.: 7.202 min
Delta R.T.: -0.004 min
Response: 985068
Conc: 436.43 ng/ml



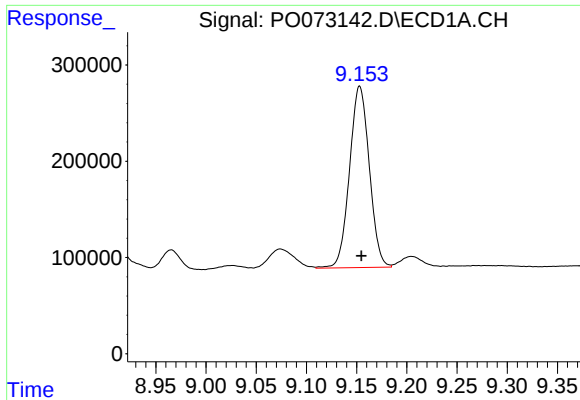
#34 AR-1260-4

R.T.: 8.825 min
Delta R.T.: -0.002 min
Response: 1211047
Conc: 530.54 ng/ml



#34 AR-1260-4

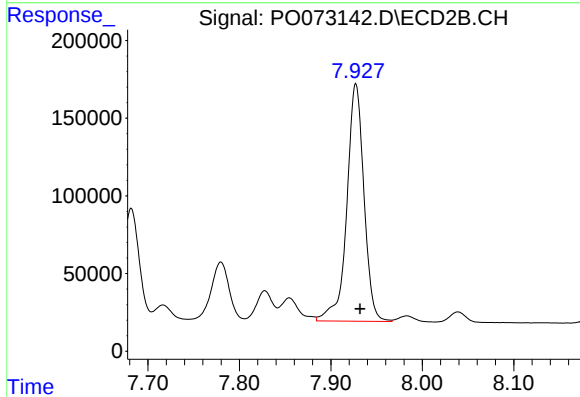
R.T.: 7.682 min
Delta R.T.: -0.005 min
Response: 868938
Conc: 469.61 ng/ml



#35 AR-1260-5

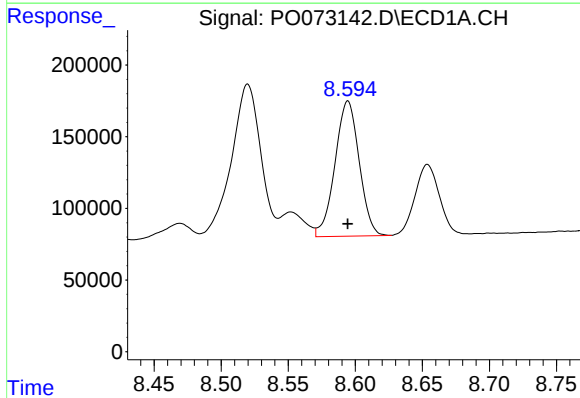
R.T.: 9.153 min
Delta R.T.: -0.002 min
Response: 2587188
Conc: 586.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



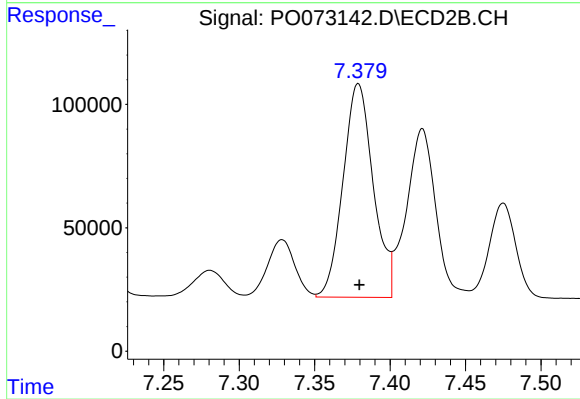
#35 AR-1260-5

R.T.: 7.927 min
Delta R.T.: -0.005 min
Response: 1994013
Conc: 465.66 ng/ml



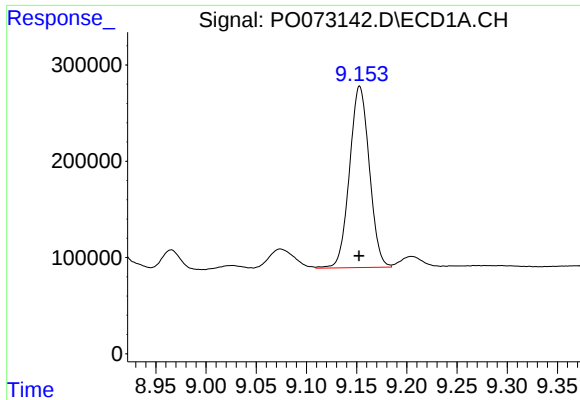
#36 AR-1262-1

R.T.: 8.595 min
Delta R.T.: 0.000 min
Response: 1182734
Conc: 347.07 ng/ml



#36 AR-1262-1

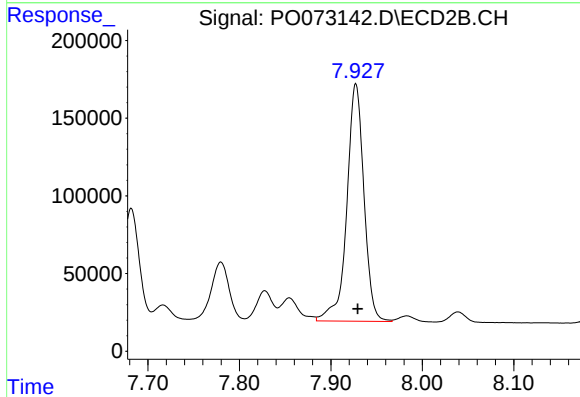
R.T.: 7.379 min
Delta R.T.: 0.000 min
Response: 1206183
Conc: 774.53 ng/ml



#37 AR-1262-2

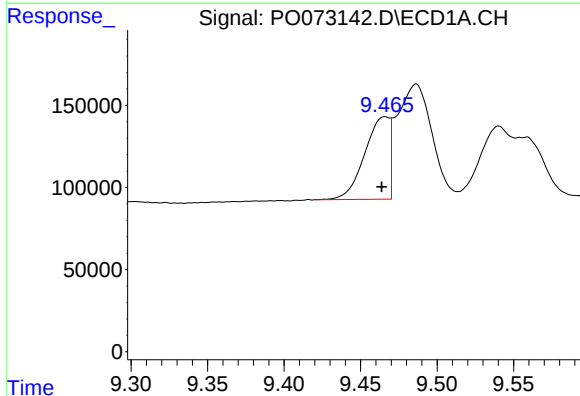
R.T.: 9.153 min
Delta R.T.: 0.000 min
Response: 2587188
Conc: 445.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



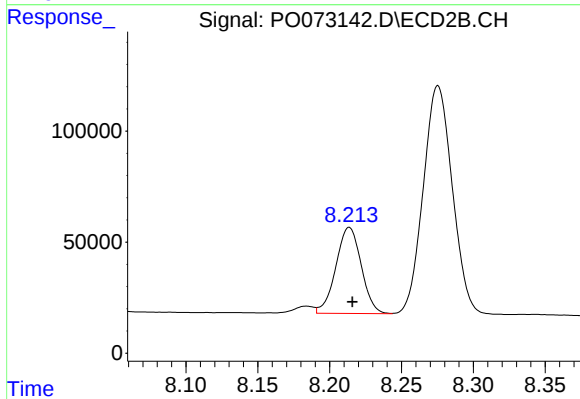
#37 AR-1262-2

R.T.: 7.927 min
Delta R.T.: -0.002 min
Response: 1994013
Conc: 394.13 ng/ml



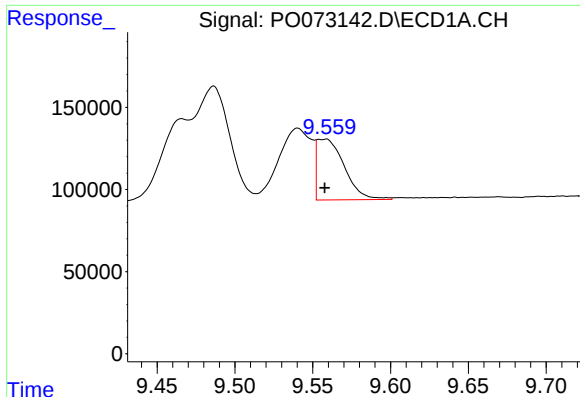
#38 AR-1262-3

R.T.: 9.466 min
Delta R.T.: 0.002 min
Response: 564831
Conc: 135.79 ng/ml



#38 AR-1262-3

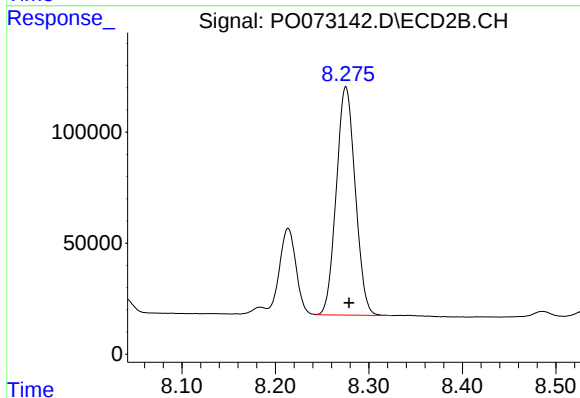
R.T.: 8.214 min
Delta R.T.: -0.002 min
Response: 476180
Conc: 234.57 ng/ml



#39 AR-1262-4

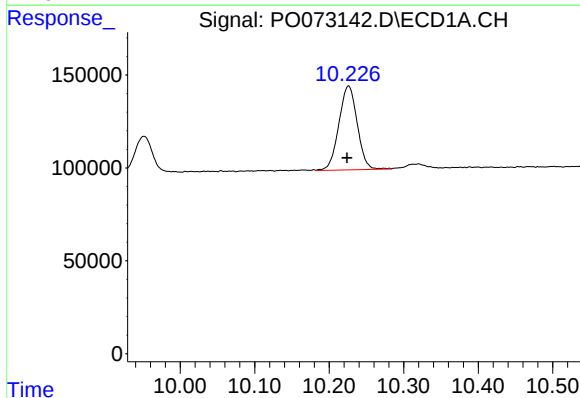
R.T.: 9.558 min
Delta R.T.: 0.000 min
Response: 452478
Conc: 140.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



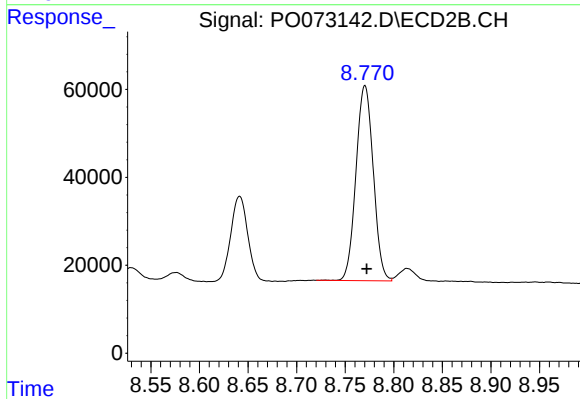
#39 AR-1262-4

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 1448346
Conc: 394.46 ng/ml



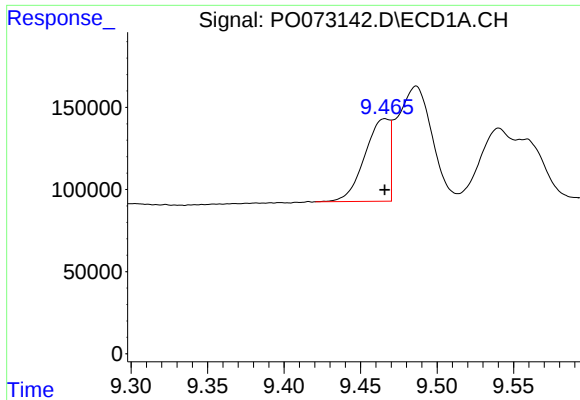
#40 AR-1262-5

R.T.: 10.226 min
Delta R.T.: 0.002 min
Response: 776142
Conc: 369.02 ng/ml



#40 AR-1262-5

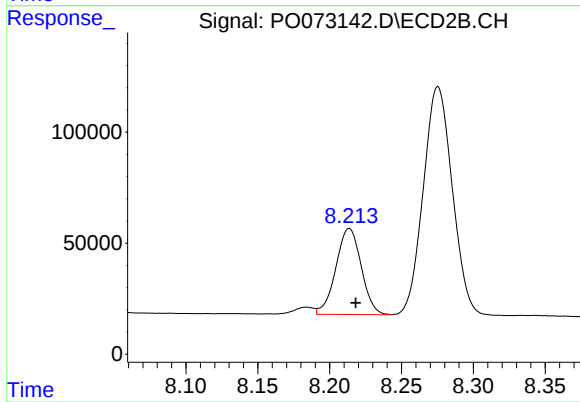
R.T.: 8.770 min
Delta R.T.: -0.002 min
Response: 549254
Conc: 314.02 ng/ml



#41 AR-1268-1

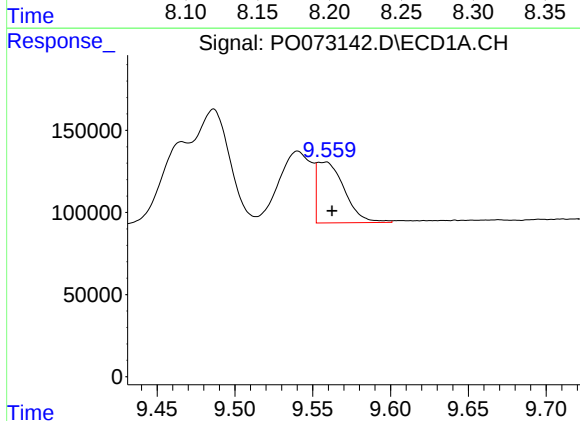
R.T.: 9.466 min
Delta R.T.: 0.000 min
Response: 564831
Conc: 79.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



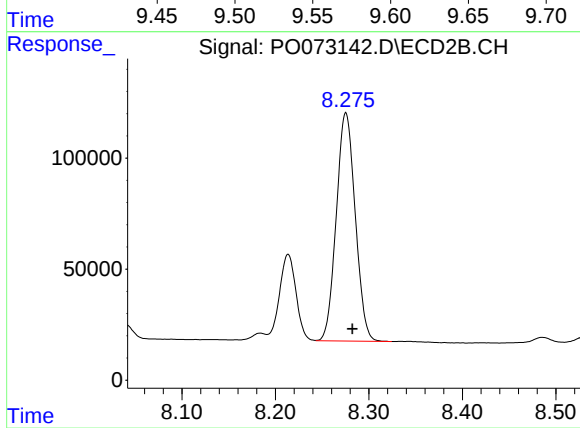
#41 AR-1268-1

R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 476180
Conc: 83.75 ng/ml



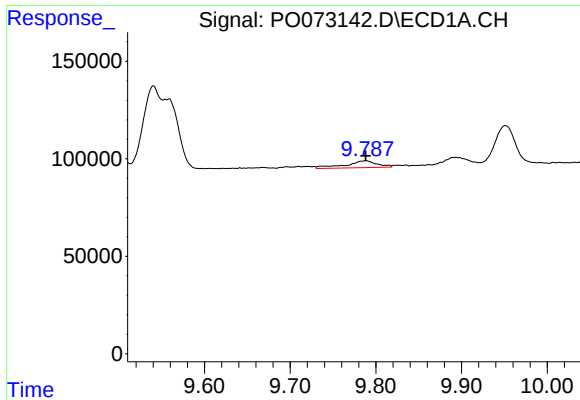
#42 AR-1268-2

R.T.: 9.558 min
Delta R.T.: -0.004 min
Response: 452478
Conc: 69.84 ng/ml



#42 AR-1268-2

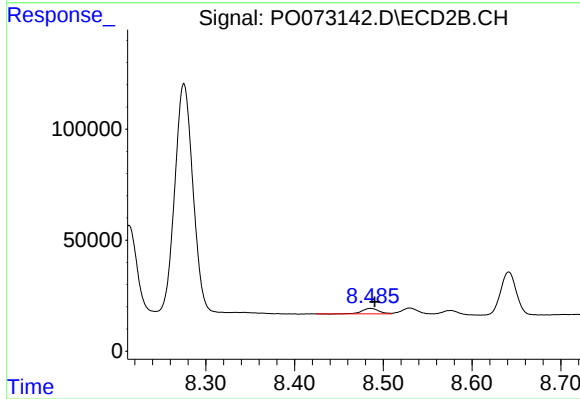
R.T.: 8.275 min
Delta R.T.: -0.007 min
Response: 1448346
Conc: 285.85 ng/ml



#43 AR-1268-3

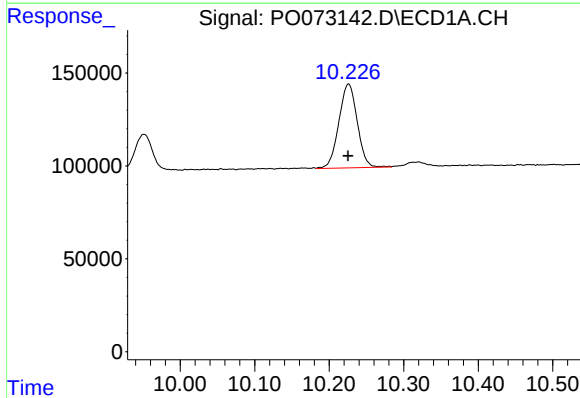
R.T.: 9.788 min
Delta R.T.: 0.000 min
Response: 91149
Conc: 16.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



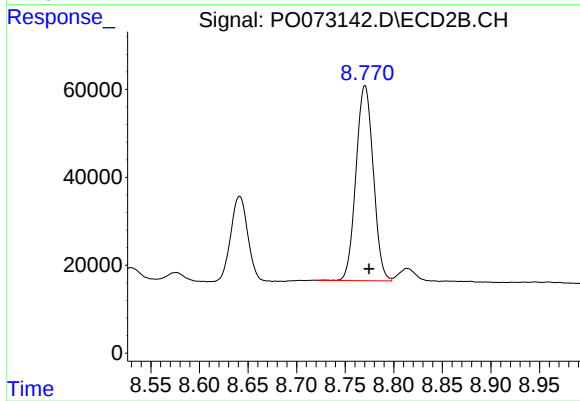
#43 AR-1268-3

R.T.: 8.486 min
Delta R.T.: -0.005 min
Response: 32824
Conc: 7.45 ng/ml



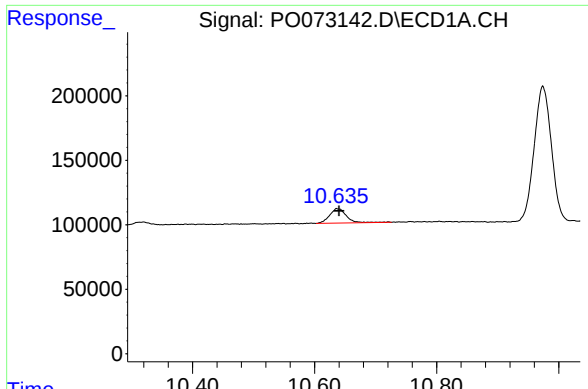
#44 AR-1268-4

R.T.: 10.226 min
Delta R.T.: 0.000 min
Response: 776142
Conc: 334.68 ng/ml



#44 AR-1268-4

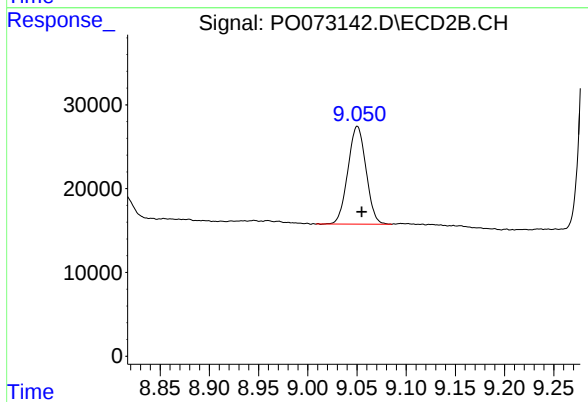
R.T.: 8.770 min
Delta R.T.: -0.004 min
Response: 549254
Conc: 285.24 ng/ml



#45 AR-1268-5

R.T.: 10.636 min
Delta R.T.: -0.004 min
Response: 213903
Conc: 13.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.050 min
Delta R.T.: -0.005 min
Response: 149440
Conc: 11.48 ng/ml