

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO123119\
 Data File : PO065158.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Dec 2019 12:21
 Operator : AJ/MA
 Sample : K6359-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 13:10:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO123119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 31 07:42:34 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...	4.180	3.453	545550	666079	25.866	26.366
2)	SA Decachlor...	9.698	8.368	515167	630628	16.881	16.387
Target Compounds							
3)	L1 AR-1016-1	5.332	4.514	245454	58357	228.627	45.490 #
4)	L1 AR-1016-2	5.353	4.533	349767	169057	224.738	93.591 #
5)	L1 AR-1016-3	5.414	4.706	233304	224379	243.913	222.765
6)	L1 AR-1016-4	5.512	4.748	176697	171400	223.842	194.388
7)	L1 AR-1016-5	5.803	4.957	170419	226532	206.788	205.678
8)	L2 AR-1221-1	0.000	3.660	0	21420	N.D.	74.860 #
9)	L2 AR-1221-2	4.474	3.746	27465	33746	149.583	150.699
10)	L2 AR-1221-3	4.548	3.820	114773	135227	193.439	189.831
11)	L3 AR-1232-1	4.548	3.820	114773	135227	122.656	121.281
12)	L3 AR-1232-2	5.067	4.533	151930	169057	300.180	127.149 #
13)	L3 AR-1232-3	5.353	4.706	349767	224379	305.524	313.740
14)	L3 AR-1232-4	5.512	4.789	176697	219801	308.204	325.183
15)	L3 AR-1232-5	5.602	4.957	153013	226532	350.119	307.254
16)	L4 AR-1242-1	5.332	4.514	245454	58357	310.420	61.696 #
17)	L4 AR-1242-2	5.353	4.533	349767	169057	303.133	127.844 #
18)	L4 AR-1242-3	5.414	4.706	233304	224379	324.542	306.266
19)	L4 AR-1242-4	5.512	4.789	176697	219801	299.655	283.897
20)	L4 AR-1242-5	6.241	5.304	32272	183769	42.943	171.801 #
21)	L5 AR-1248-1	5.332	4.514	245454	58357	396.413	77.464 #
22)	L5 AR-1248-2	5.602	4.748	153013	171400	169.391	157.953
23)	L5 AR-1248-3	5.803	4.789	170419	219801	165.353	197.073
24)	L5 AR-1248-4	6.202	4.957	27782	226532	21.454	167.213 #
25)	L5 AR-1248-5	6.241	5.345	32272	36333	25.858	25.259
26)	L6 AR-1254-1	6.175	5.304	128469	183769	98.737	78.599
27)	L6 AR-1254-2	6.391	5.451	147060	182592	69.411	85.654
28)	L6 AR-1254-3	6.755	5.864	86602	321656	36.151	89.274 #
29)	L6 AR-1254-4	7.038	6.078	52146	35635	28.009	15.324 #
30)	L6 AR-1254-5	7.453	6.490	480802	629489	236.976	186.632
31)	L7 AR-1260-1	6.916	5.978	342106	471405	204.711	198.624
32)	L7 AR-1260-2	7.173	6.166	403368	573787	196.331	188.072
33)	L7 AR-1260-3	7.528	6.317	253528	508373	158.862	189.270
34)	L7 AR-1260-4	7.751	6.785	307626	370191	165.525	159.755
35)	L7 AR-1260-5	8.058	7.027	552379	808881	155.326	149.546
36)	L8 AR-1262-1	7.528	6.581	253528	201184	101.313	135.318 #
37)	L8 AR-1262-2	8.058	7.027	552379	808881	125.181	121.147
38)	L8 AR-1262-3	8.359	7.307	356007	146756	120.092	56.852 #
39)	L8 AR-1262-4	8.408	7.370	194516	563683	86.842	116.738 #
40)	L8 AR-1262-5	9.026	7.863	122321	154998	78.691	78.101
41)	L9 AR-1268-1	8.359	7.307	356007	146756	74.281	20.719 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO123119\
Data File : P0065158.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 31 Dec 2019 12:21
Operator : AJ/MA
Sample : K6359-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

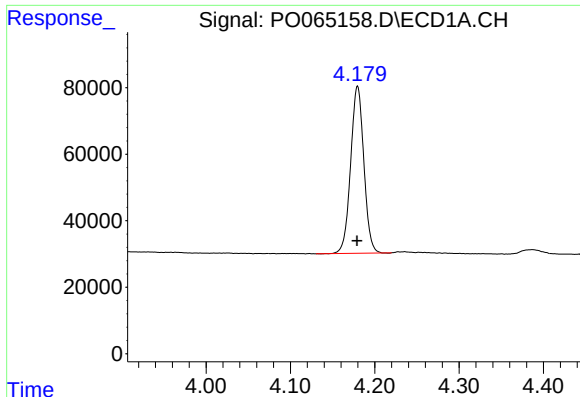
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 31 13:10:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO123119.M
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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	8.408	7.370	194516	563683	44.253	87.571 #
43)	L9 AR-1268-3	0.000	7.577	0	16276	N.D.	3.106 #
44)	L9 AR-1268-4	9.026	7.863	122321	154998	76.975	73.180
45)	L9 AR-1268-5	9.398	8.134	45604	51206	4.178	3.446

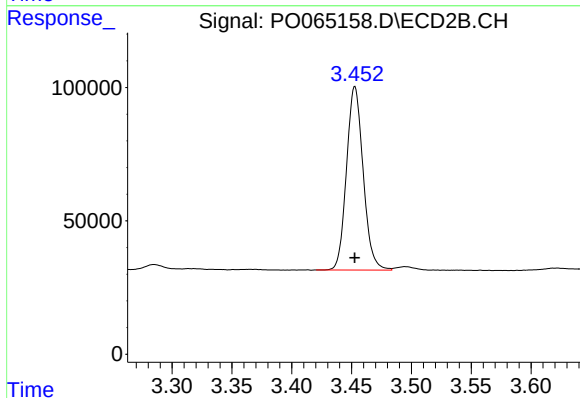
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

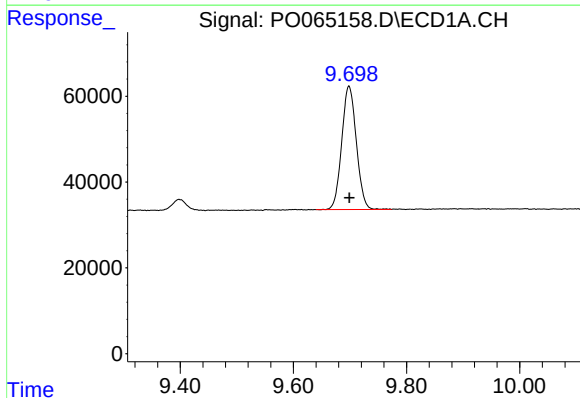
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 545550
Conc: 25.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



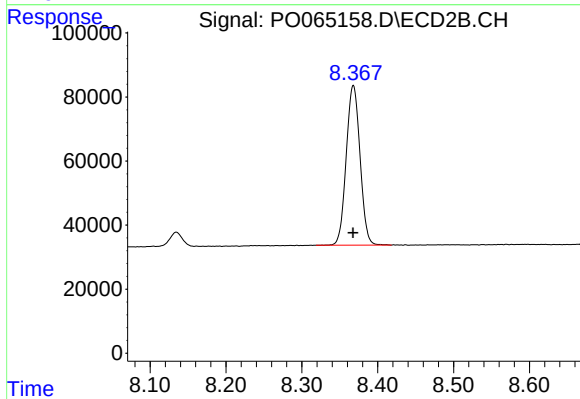
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 666079
Conc: 26.37 ng/ml



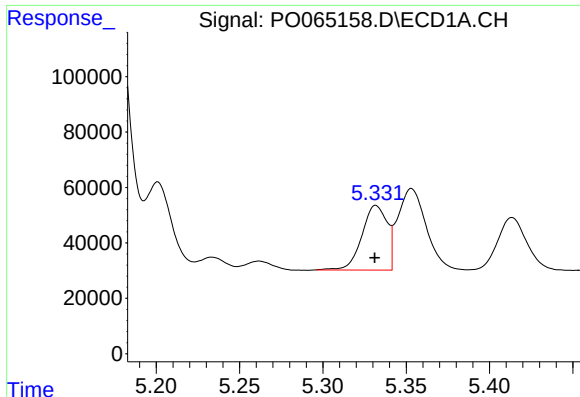
#2 Decachlorobiphenyl

R.T.: 9.698 min
Delta R.T.: 0.000 min
Response: 515167
Conc: 16.88 ng/ml



#2 Decachlorobiphenyl

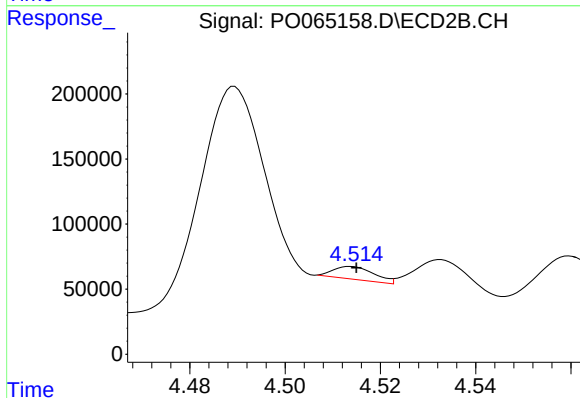
R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 630628
Conc: 16.39 ng/ml



#3 AR-1016-1

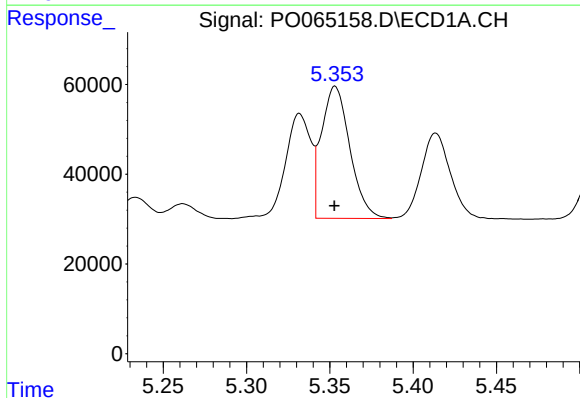
R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 245454
Conc: 228.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



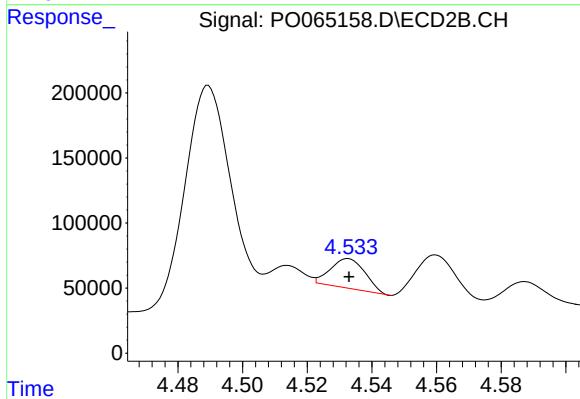
#3 AR-1016-1

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 58357
Conc: 45.49 ng/ml



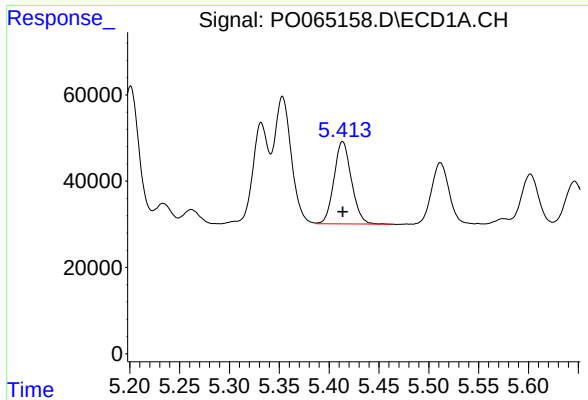
#4 AR-1016-2

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 349767
Conc: 224.74 ng/ml



#4 AR-1016-2

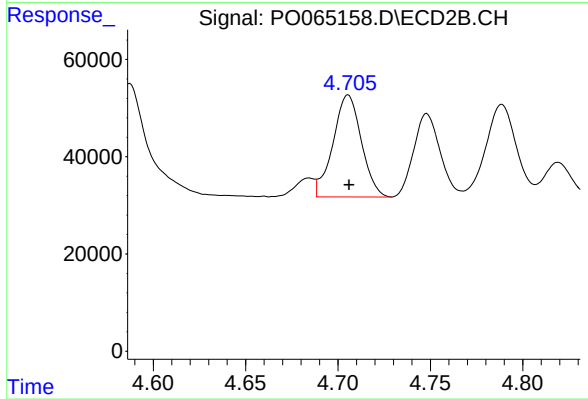
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 169057
Conc: 93.59 ng/ml



#5 AR-1016-3

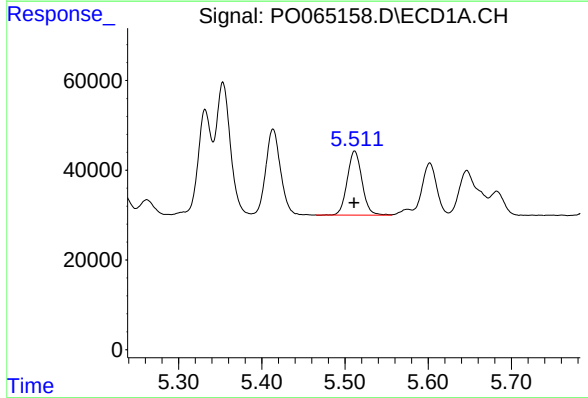
R.T.: 5.414 min
Delta R.T.: 0.000 min
Response: 233304
Conc: 243.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



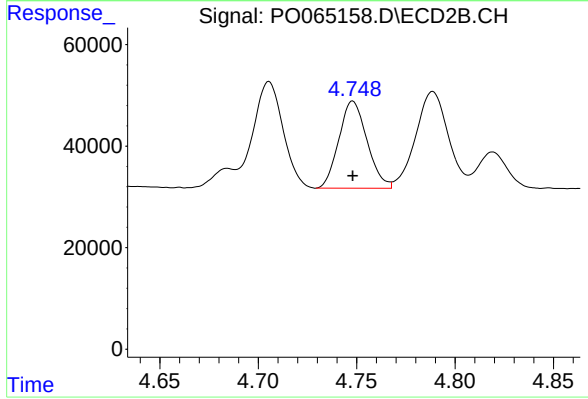
#5 AR-1016-3

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 224379
Conc: 222.76 ng/ml



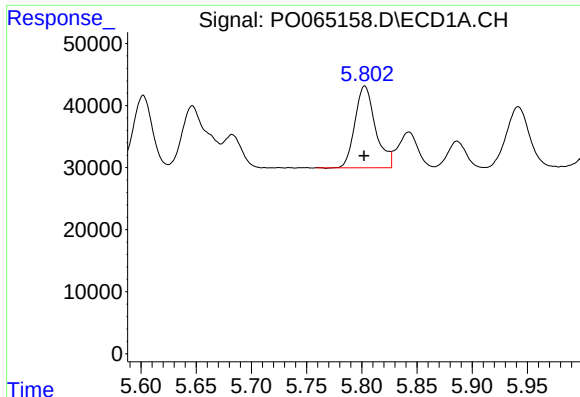
#6 AR-1016-4

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 176697
Conc: 223.84 ng/ml



#6 AR-1016-4

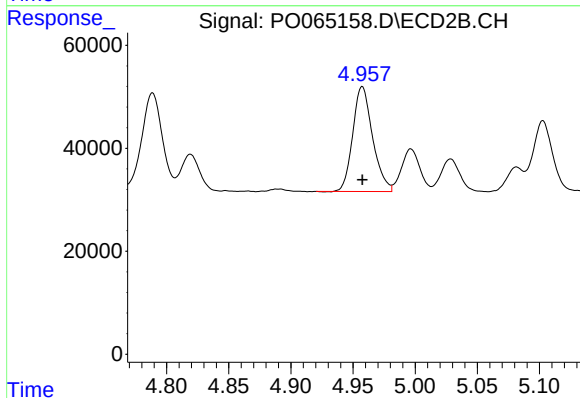
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 171400
Conc: 194.39 ng/ml



#7 AR-1016-5

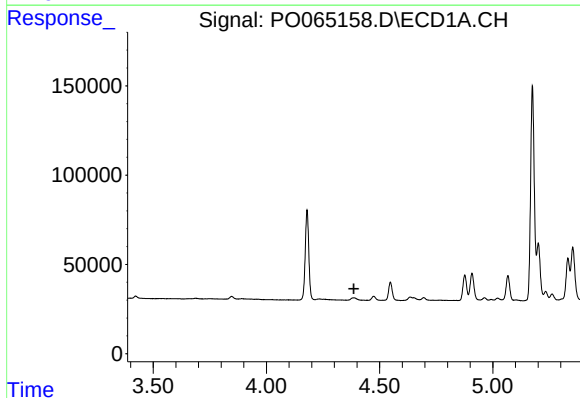
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 170419
Conc: 206.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



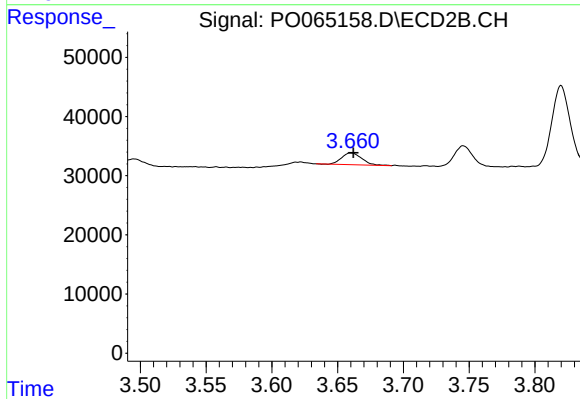
#7 AR-1016-5

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 226532
Conc: 205.68 ng/ml



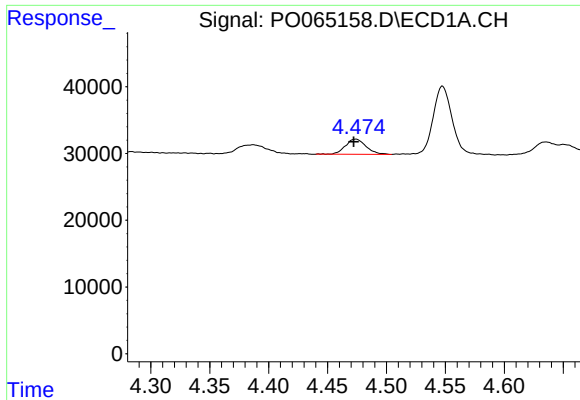
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.387 min
Response: 0
Conc: N.D.



#8 AR-1221-1

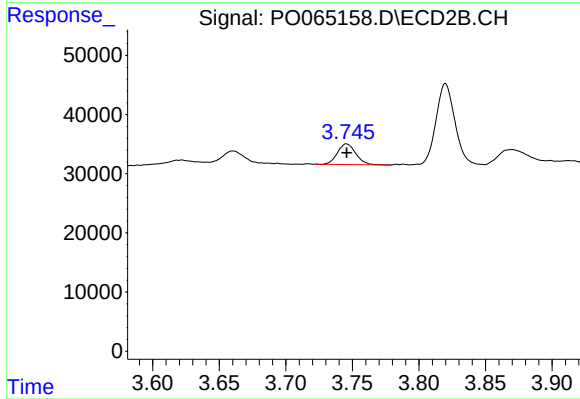
R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 21420
Conc: 74.86 ng/ml



#9 AR-1221-2

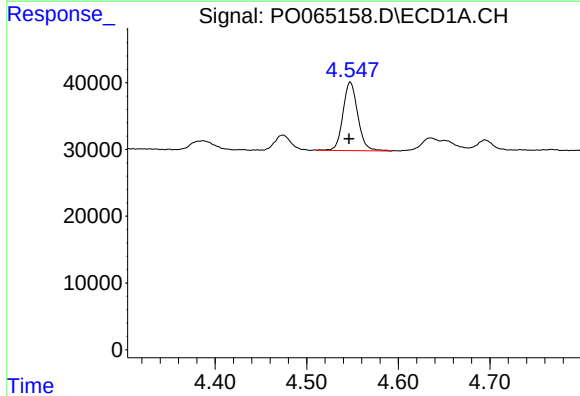
R.T.: 4.474 min
Delta R.T.: 0.002 min
Response: 27465
Conc: 149.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



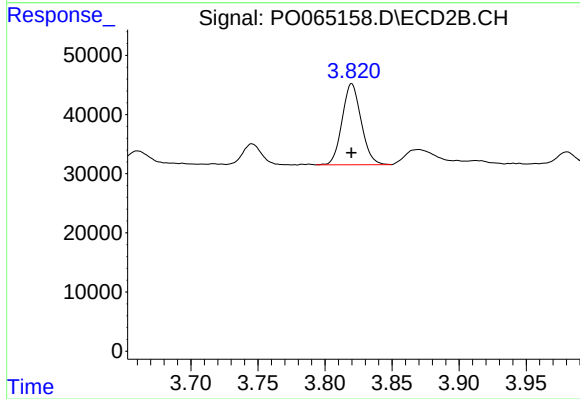
#9 AR-1221-2

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 33746
Conc: 150.70 ng/ml



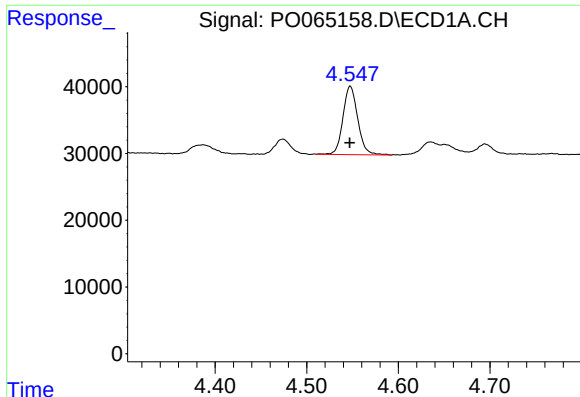
#10 AR-1221-3

R.T.: 4.548 min
Delta R.T.: 0.001 min
Response: 114773
Conc: 193.44 ng/ml



#10 AR-1221-3

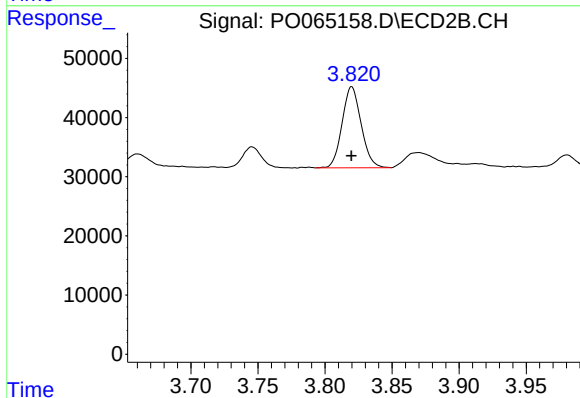
R.T.: 3.820 min
Delta R.T.: 0.000 min
Response: 135227
Conc: 189.83 ng/ml



#11 AR-1232-1

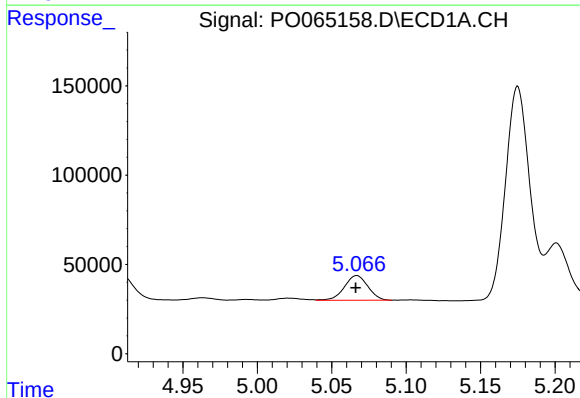
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 114773
Conc: 122.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



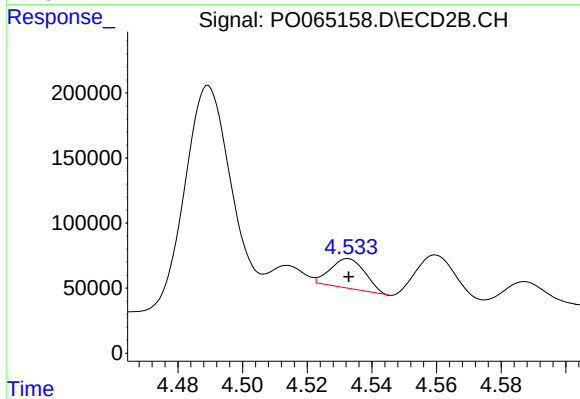
#11 AR-1232-1

R.T.: 3.820 min
Delta R.T.: 0.000 min
Response: 135227
Conc: 121.28 ng/ml



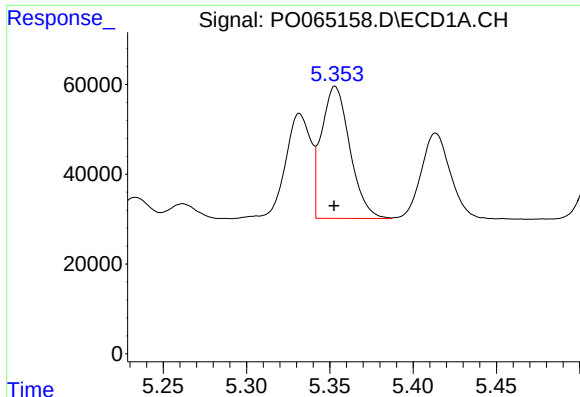
#12 AR-1232-2

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 151930
Conc: 300.18 ng/ml



#12 AR-1232-2

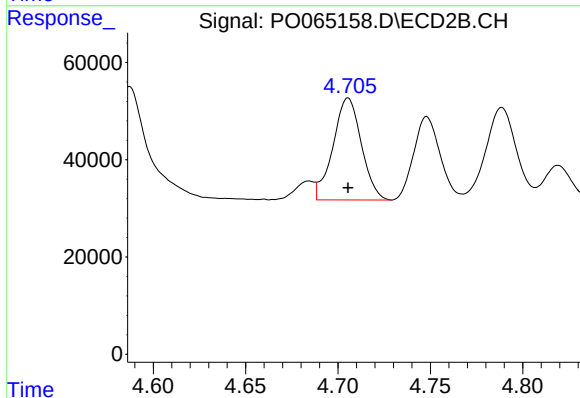
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 169057
Conc: 127.15 ng/ml



#13 AR-1232-3

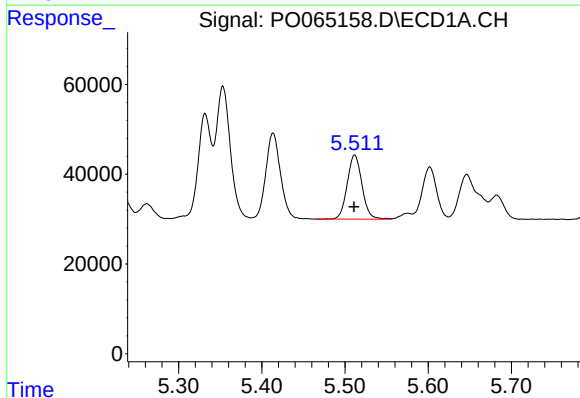
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 349767
Conc: 305.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



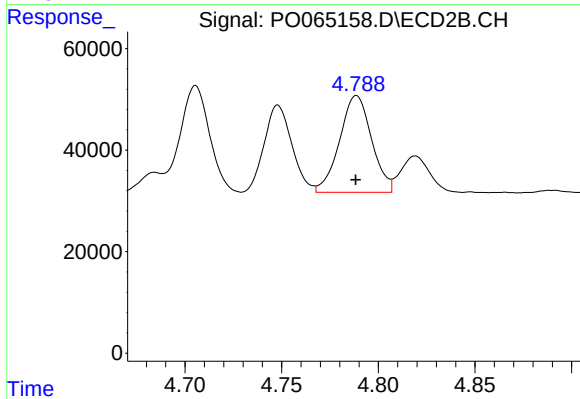
#13 AR-1232-3

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 224379
Conc: 313.74 ng/ml



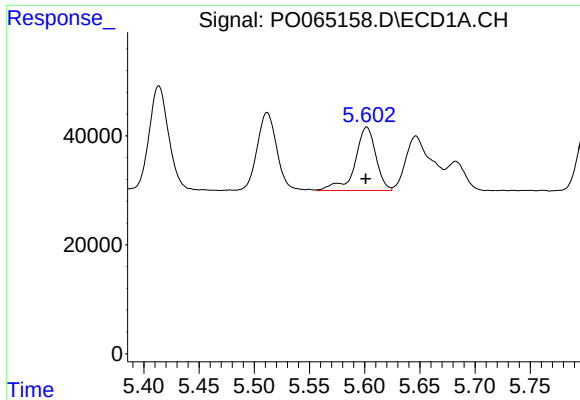
#14 AR-1232-4

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 176697
Conc: 308.20 ng/ml



#14 AR-1232-4

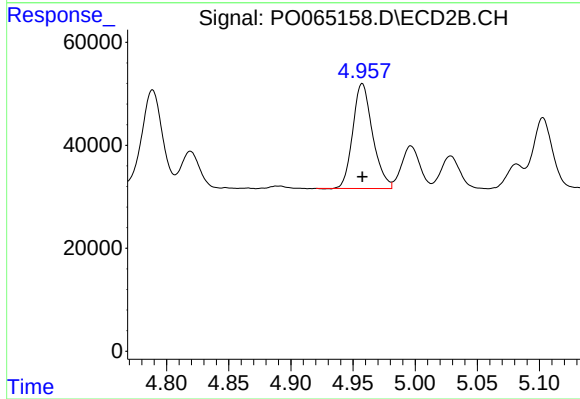
R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 219801
Conc: 325.18 ng/ml



#15 AR-1232-5

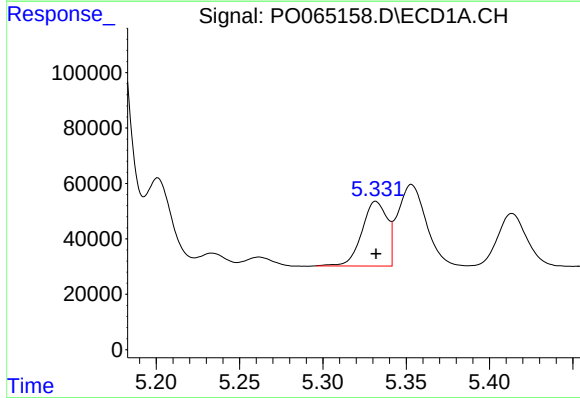
R.T.: 5.602 min
Delta R.T.: 0.001 min
Response: 153013
Conc: 350.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



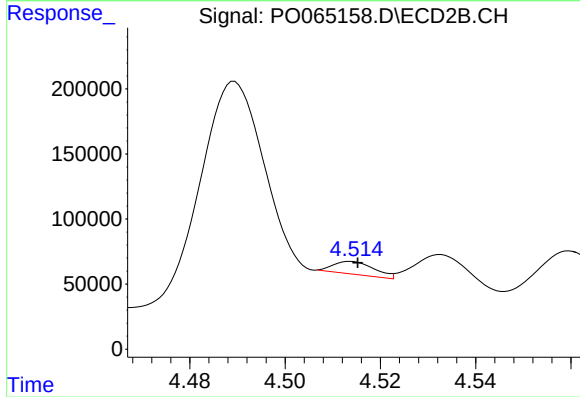
#15 AR-1232-5

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 226532
Conc: 307.25 ng/ml



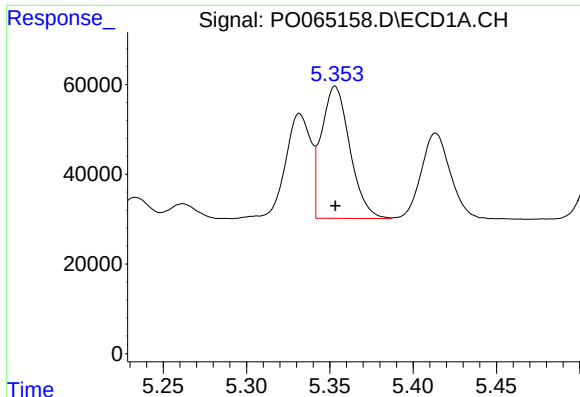
#16 AR-1242-1

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 245454
Conc: 310.42 ng/ml



#16 AR-1242-1

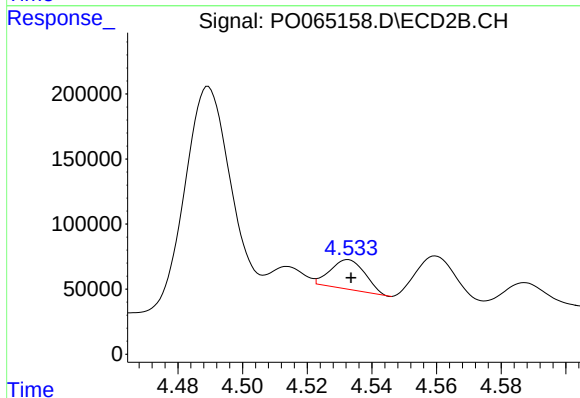
R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 58357
Conc: 61.70 ng/ml



#17 AR-1242-2

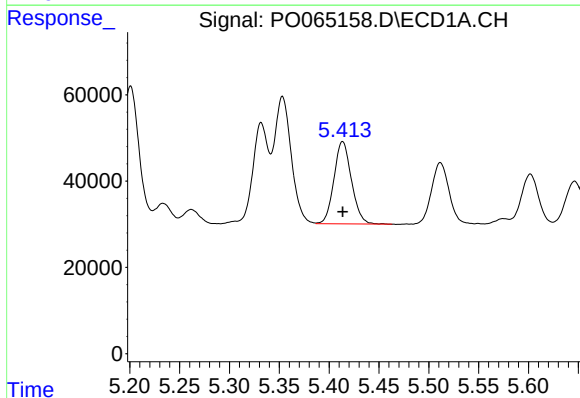
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 349767
Conc: 303.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



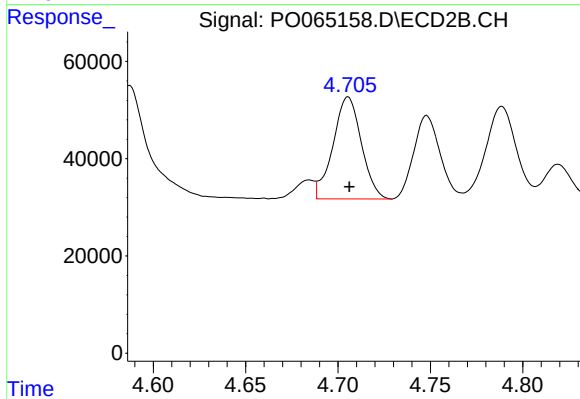
#17 AR-1242-2

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 169057
Conc: 127.84 ng/ml



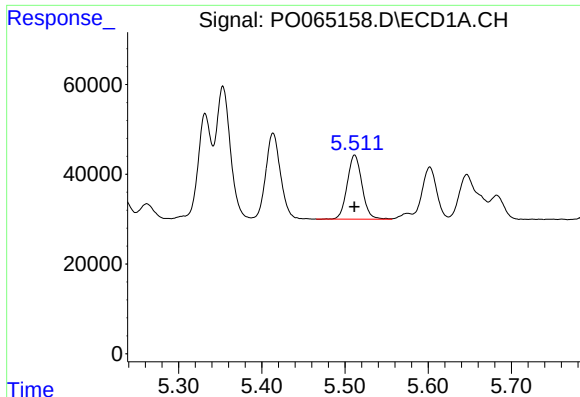
#18 AR-1242-3

R.T.: 5.414 min
Delta R.T.: 0.000 min
Response: 233304
Conc: 324.54 ng/ml



#18 AR-1242-3

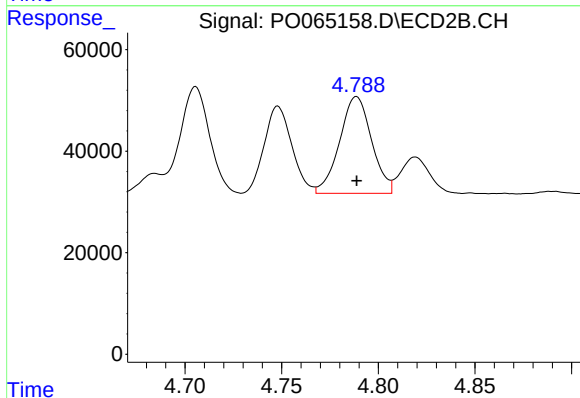
R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 224379
Conc: 306.27 ng/ml



#19 AR-1242-4

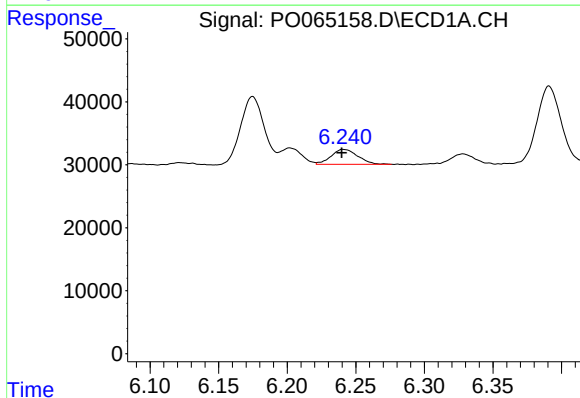
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 176697
Conc: 299.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



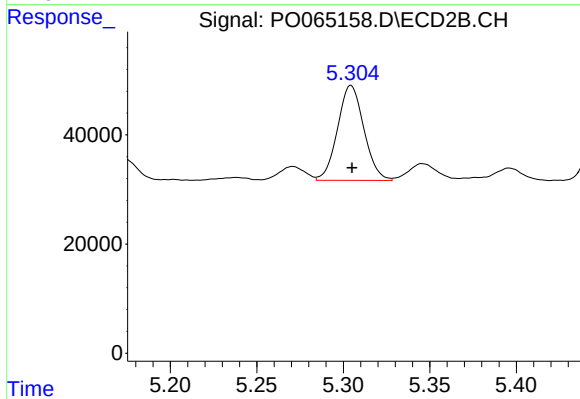
#19 AR-1242-4

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 219801
Conc: 283.90 ng/ml



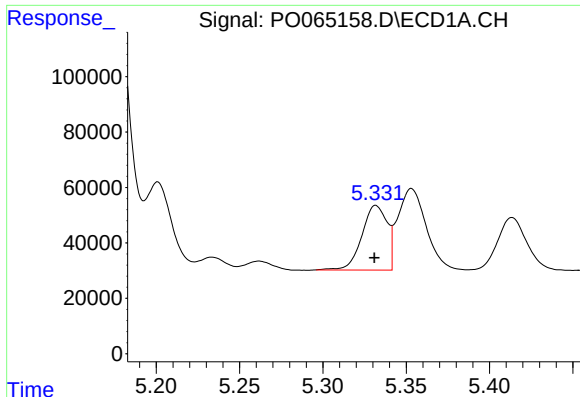
#20 AR-1242-5

R.T.: 6.241 min
Delta R.T.: 0.001 min
Response: 32272
Conc: 42.94 ng/ml



#20 AR-1242-5

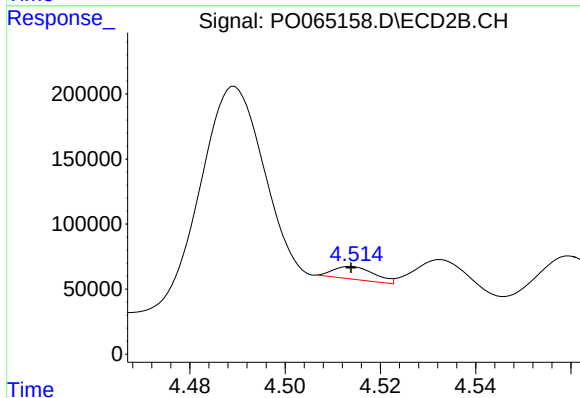
R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 183769
Conc: 171.80 ng/ml



#21 AR-1248-1

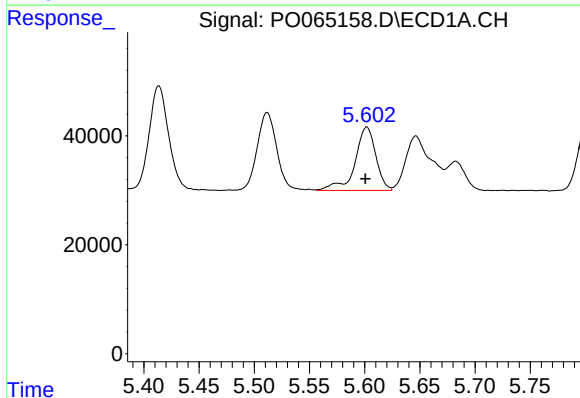
R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 245454
Conc: 396.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



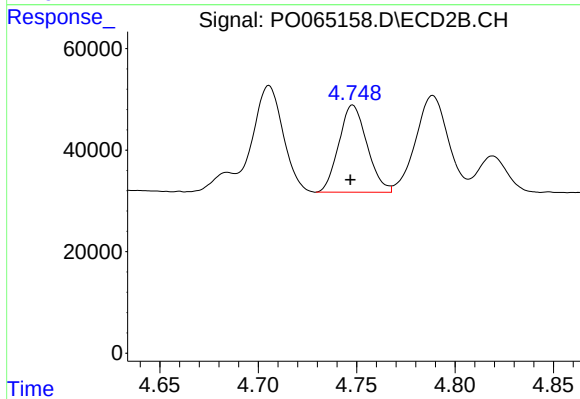
#21 AR-1248-1

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 58357
Conc: 77.46 ng/ml



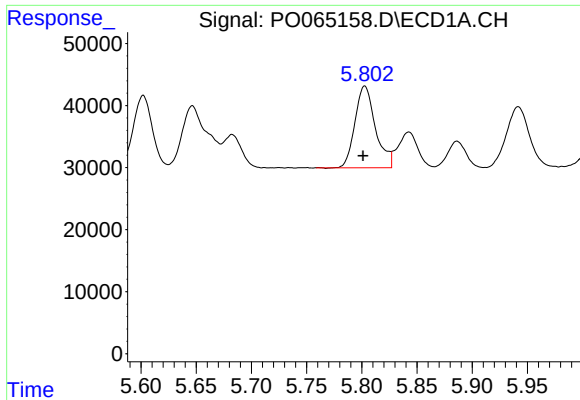
#22 AR-1248-2

R.T.: 5.602 min
Delta R.T.: 0.001 min
Response: 153013
Conc: 169.39 ng/ml



#22 AR-1248-2

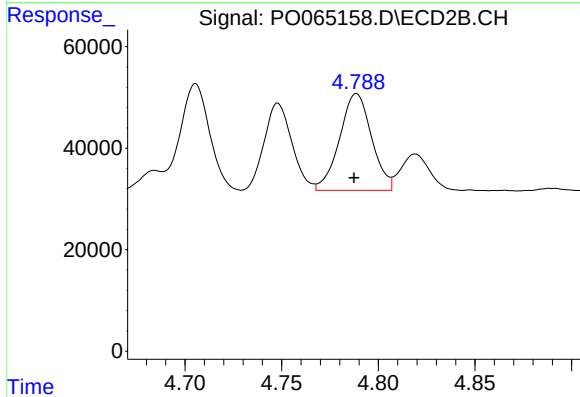
R.T.: 4.748 min
Delta R.T.: 0.001 min
Response: 171400
Conc: 157.95 ng/ml



#23 AR-1248-3

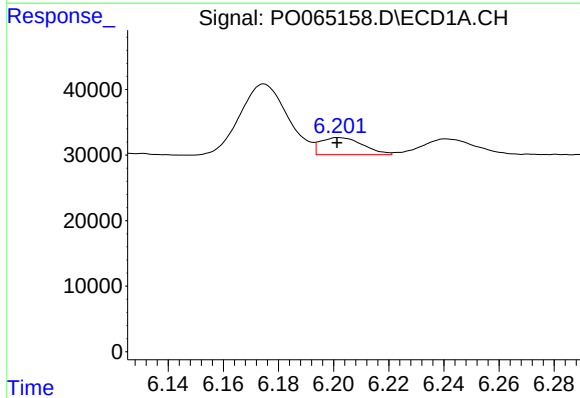
R.T.: 5.803 min
Delta R.T.: 0.001 min
Response: 170419
Conc: 165.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



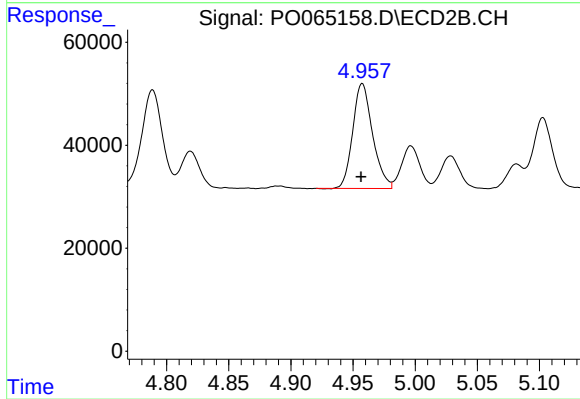
#23 AR-1248-3

R.T.: 4.789 min
Delta R.T.: 0.001 min
Response: 219801
Conc: 197.07 ng/ml



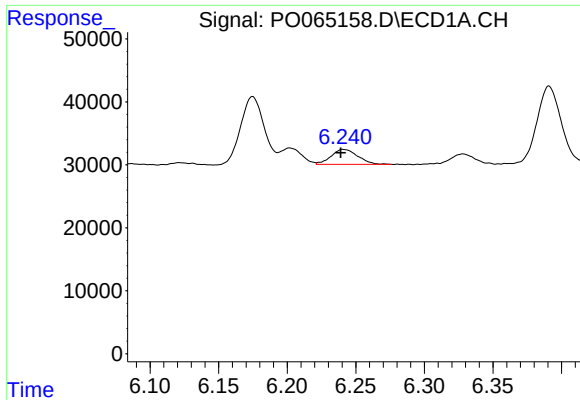
#24 AR-1248-4

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 27782
Conc: 21.45 ng/ml



#24 AR-1248-4

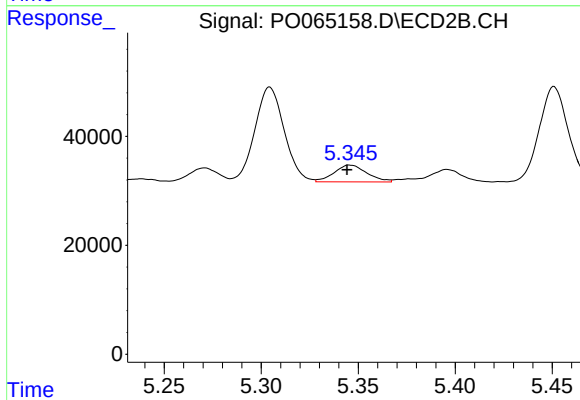
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 226532
Conc: 167.21 ng/ml



#25 AR-1248-5

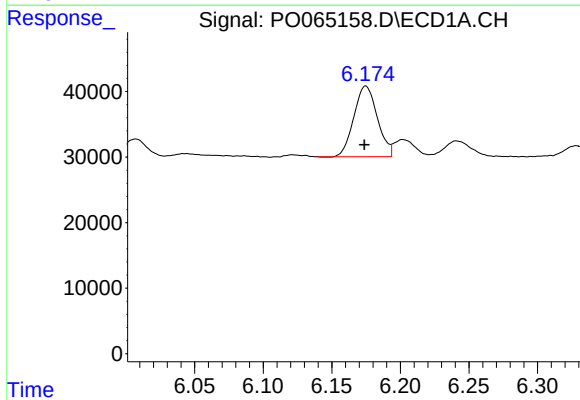
R.T.: 6.241 min
Delta R.T.: 0.002 min
Response: 32272
Conc: 25.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



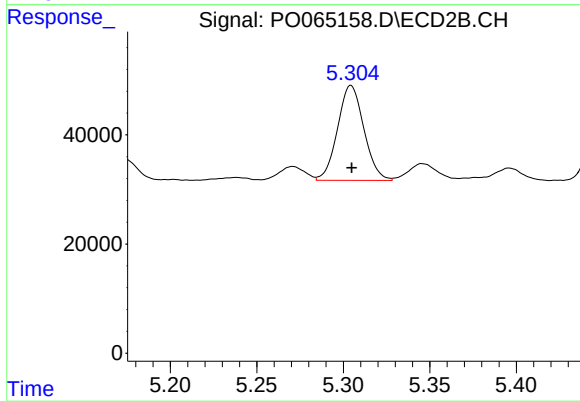
#25 AR-1248-5

R.T.: 5.345 min
Delta R.T.: 0.001 min
Response: 36333
Conc: 25.26 ng/ml



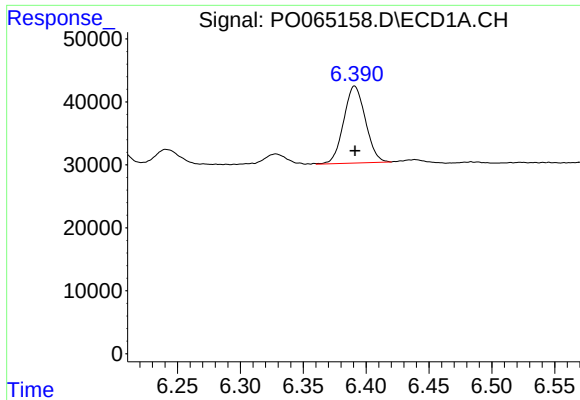
#26 AR-1254-1

R.T.: 6.175 min
Delta R.T.: 0.001 min
Response: 128469
Conc: 98.74 ng/ml



#26 AR-1254-1

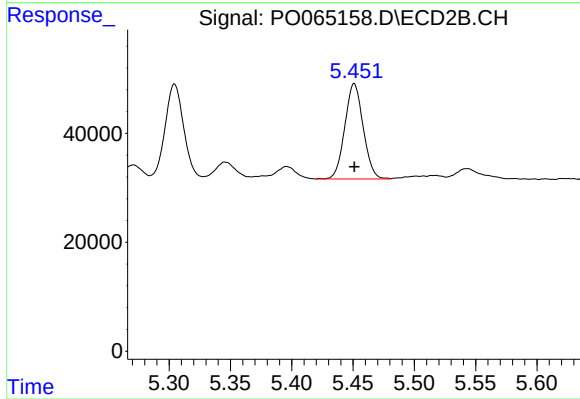
R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 183769
Conc: 78.60 ng/ml



#27 AR-1254-2

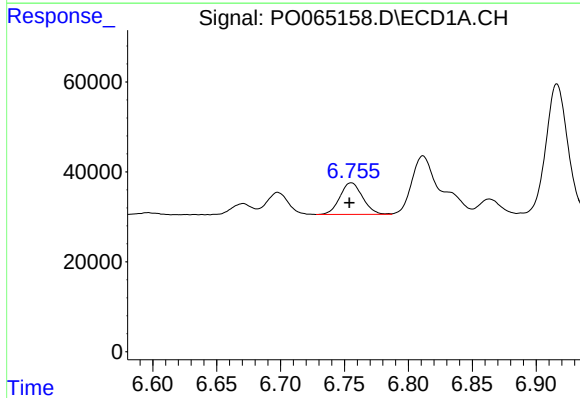
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 147060
Conc: 69.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



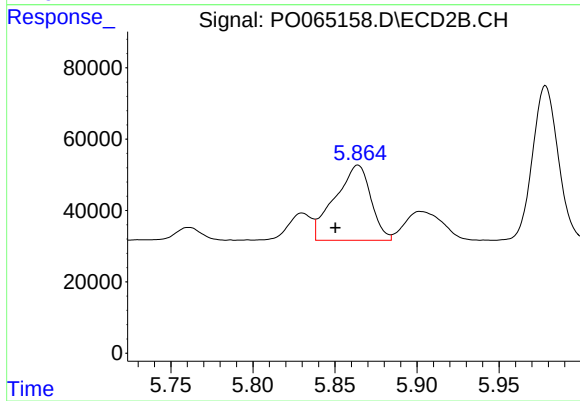
#27 AR-1254-2

R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 182592
Conc: 85.65 ng/ml



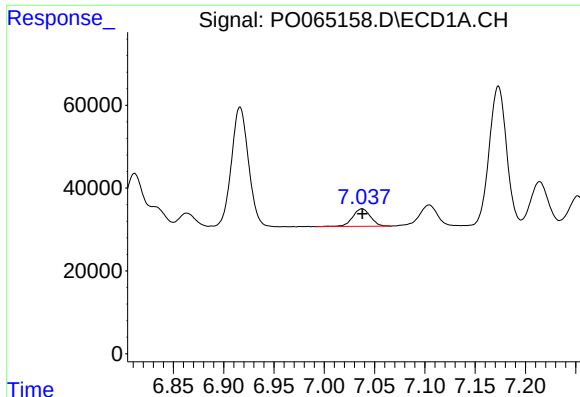
#28 AR-1254-3

R.T.: 6.755 min
Delta R.T.: 0.001 min
Response: 86602
Conc: 36.15 ng/ml



#28 AR-1254-3

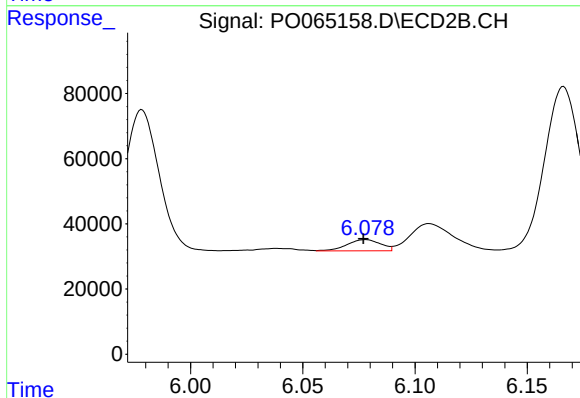
R.T.: 5.864 min
Delta R.T.: 0.014 min
Response: 321656
Conc: 89.27 ng/ml



#29 AR-1254-4

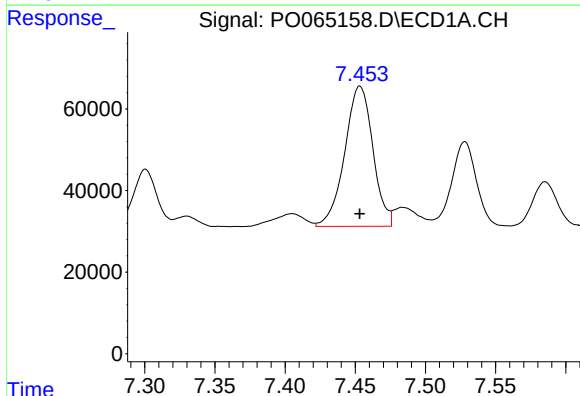
R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 52146
Conc: 28.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



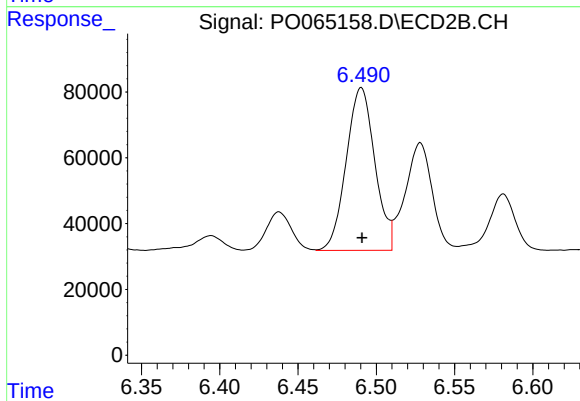
#29 AR-1254-4

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 35635
Conc: 15.32 ng/ml



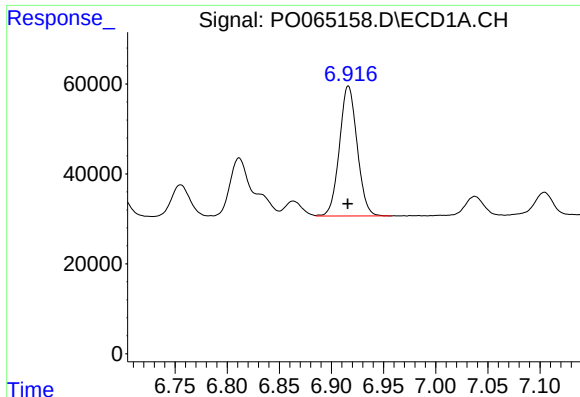
#30 AR-1254-5

R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 480802
Conc: 236.98 ng/ml



#30 AR-1254-5

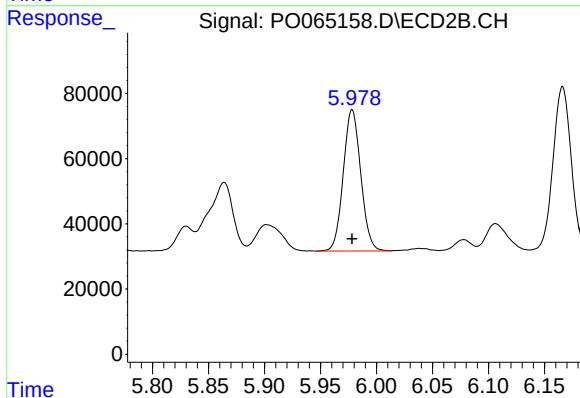
R.T.: 6.490 min
Delta R.T.: 0.000 min
Response: 629489
Conc: 186.63 ng/ml



#31 AR-1260-1

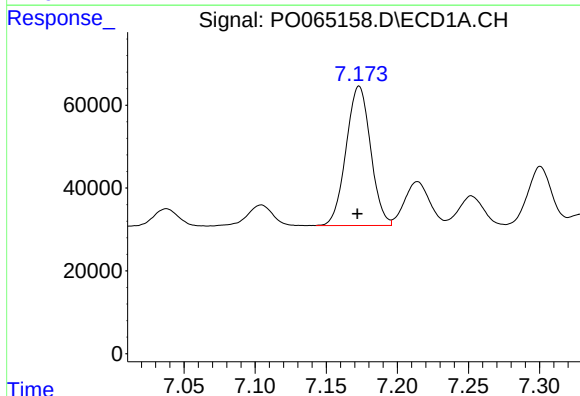
R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 342106
Conc: 204.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



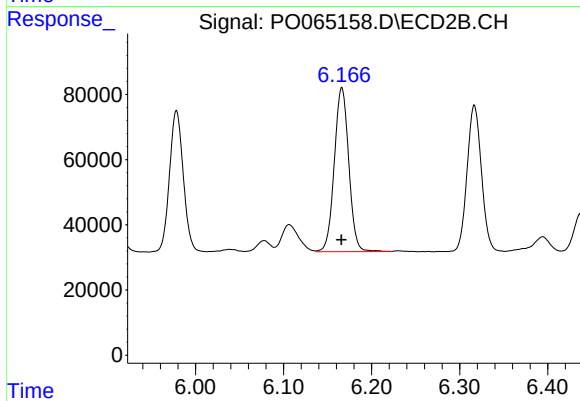
#31 AR-1260-1

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 471405
Conc: 198.62 ng/ml



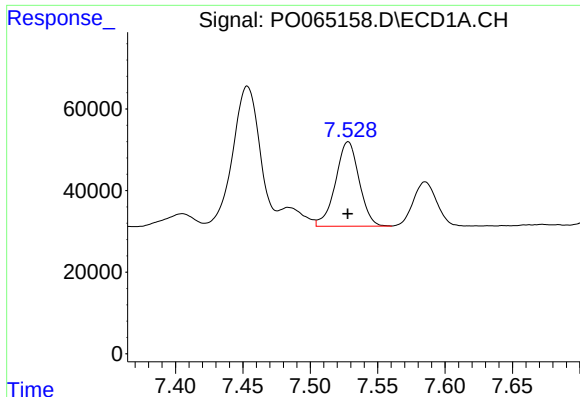
#32 AR-1260-2

R.T.: 7.173 min
Delta R.T.: 0.001 min
Response: 403368
Conc: 196.33 ng/ml



#32 AR-1260-2

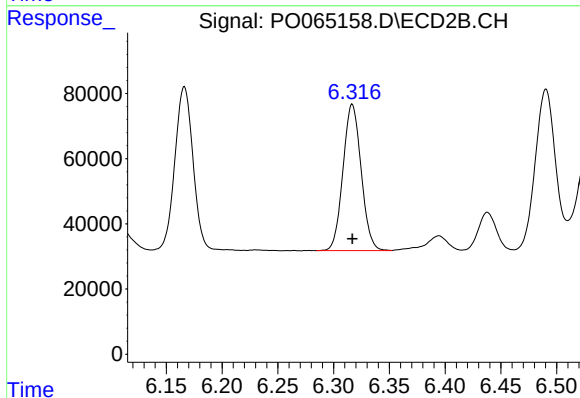
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 573787
Conc: 188.07 ng/ml



#33 AR-1260-3

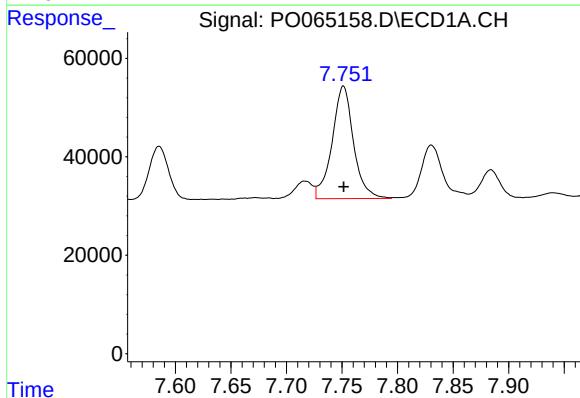
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 253528
Conc: 158.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



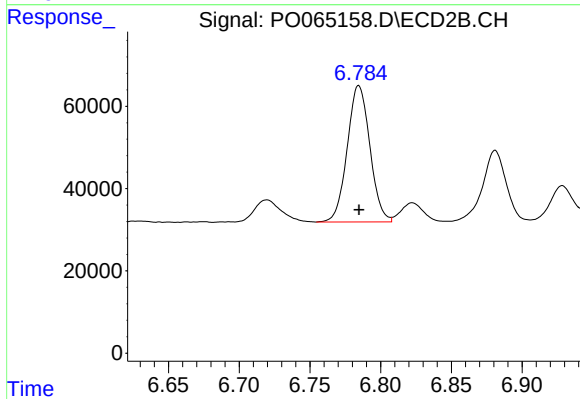
#33 AR-1260-3

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 508373
Conc: 189.27 ng/ml



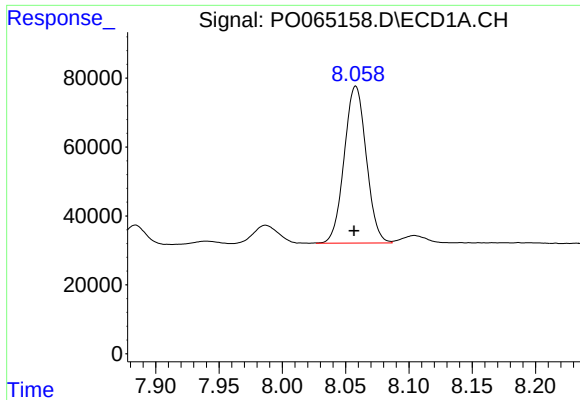
#34 AR-1260-4

R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 307626
Conc: 165.53 ng/ml



#34 AR-1260-4

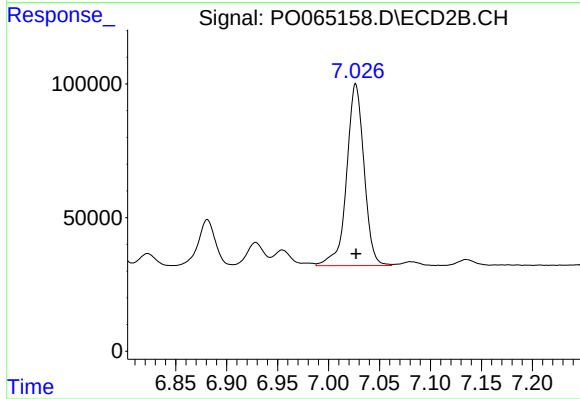
R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 370191
Conc: 159.76 ng/ml



#35 AR-1260-5

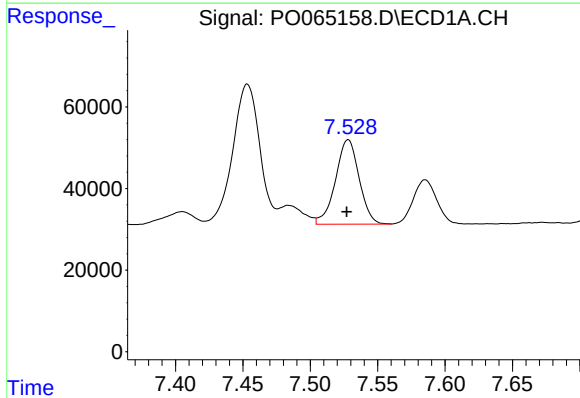
R.T.: 8.058 min
Delta R.T.: 0.001 min
Response: 552379
Conc: 155.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



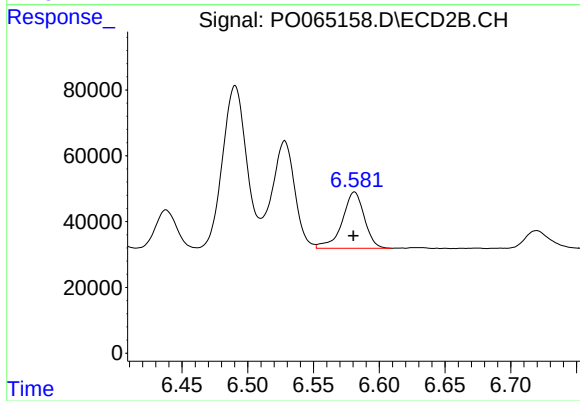
#35 AR-1260-5

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 808881
Conc: 149.55 ng/ml



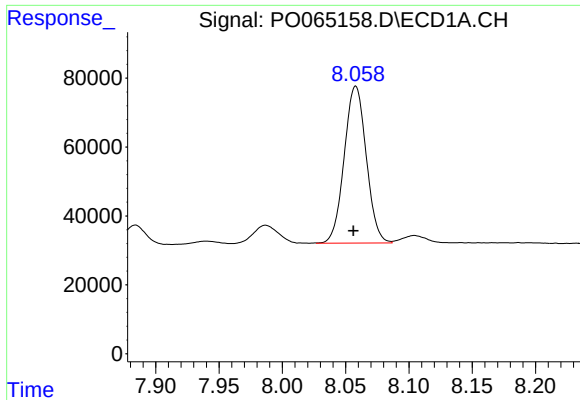
#36 AR-1262-1

R.T.: 7.528 min
Delta R.T.: 0.001 min
Response: 253528
Conc: 101.31 ng/ml



#36 AR-1262-1

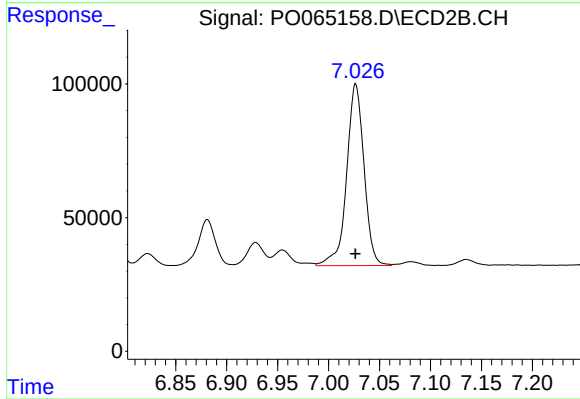
R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 201184
Conc: 135.32 ng/ml



#37 AR-1262-2

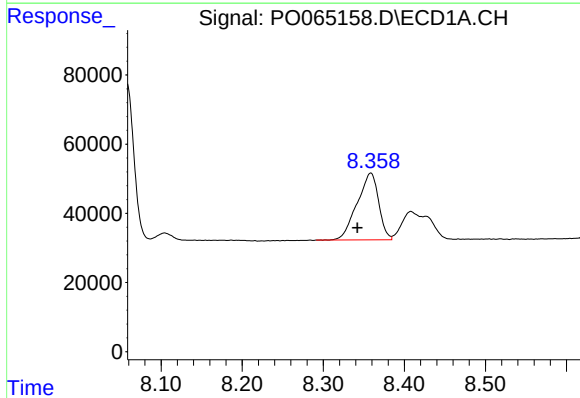
R.T.: 8.058 min
Delta R.T.: 0.002 min
Response: 552379
Conc: 125.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



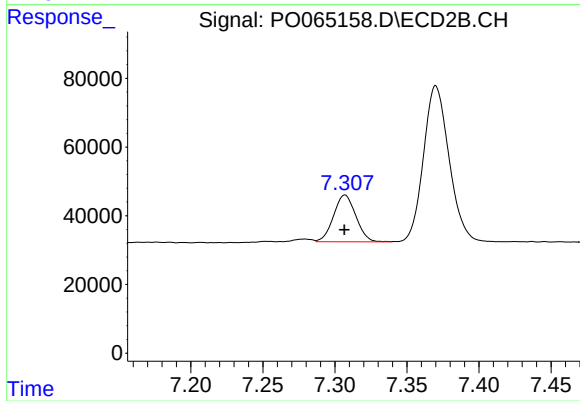
#37 AR-1262-2

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 808881
Conc: 121.15 ng/ml



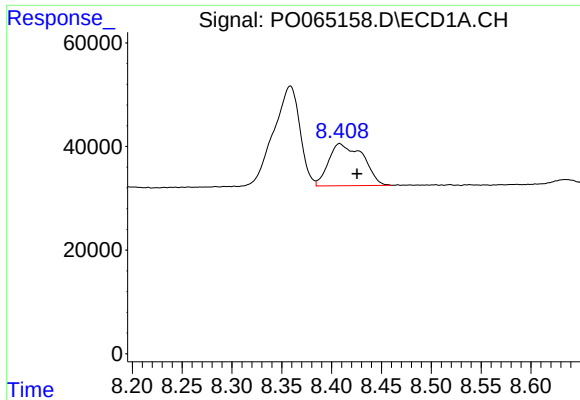
#38 AR-1262-3

R.T.: 8.359 min
Delta R.T.: 0.016 min
Response: 356007
Conc: 120.09 ng/ml



#38 AR-1262-3

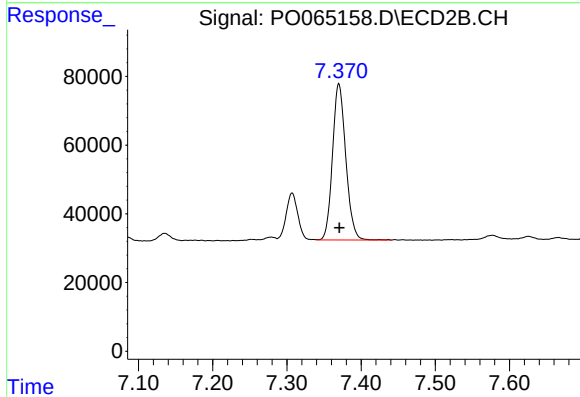
R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 146756
Conc: 56.85 ng/ml



#39 AR-1262-4

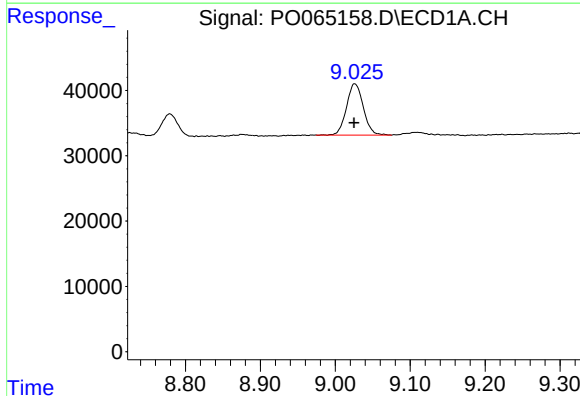
R.T.: 8.408 min
Delta R.T.: -0.017 min
Response: 194516
Conc: 86.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



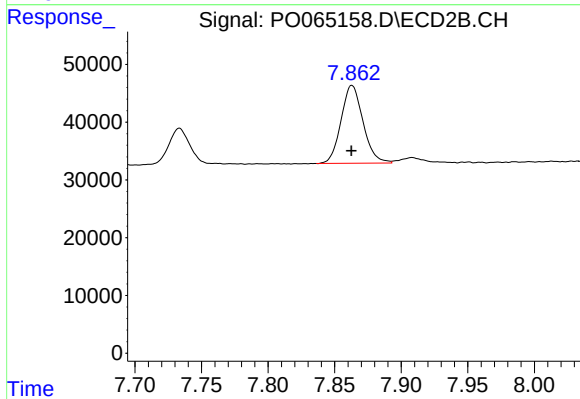
#39 AR-1262-4

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 563683
Conc: 116.74 ng/ml



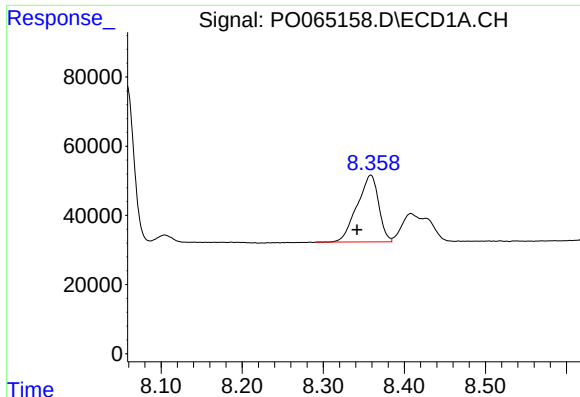
#40 AR-1262-5

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 122321
Conc: 78.69 ng/ml



#40 AR-1262-5

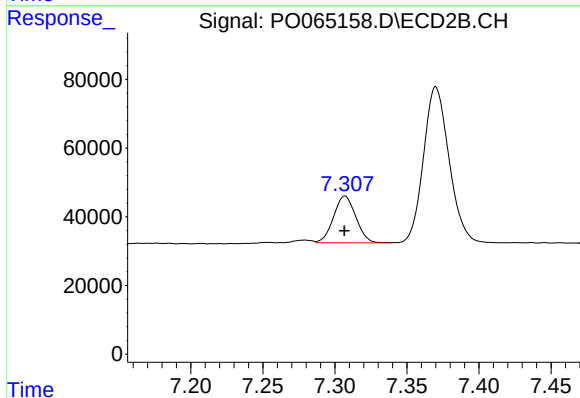
R.T.: 7.863 min
Delta R.T.: 0.000 min
Response: 154998
Conc: 78.10 ng/ml



#41 AR-1268-1

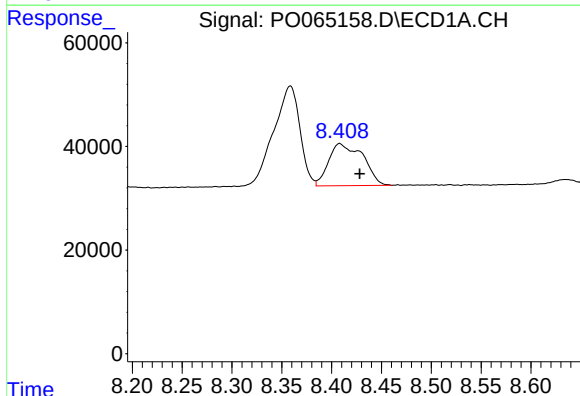
R.T.: 8.359 min
Delta R.T.: 0.017 min
Response: 356007
Conc: 74.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



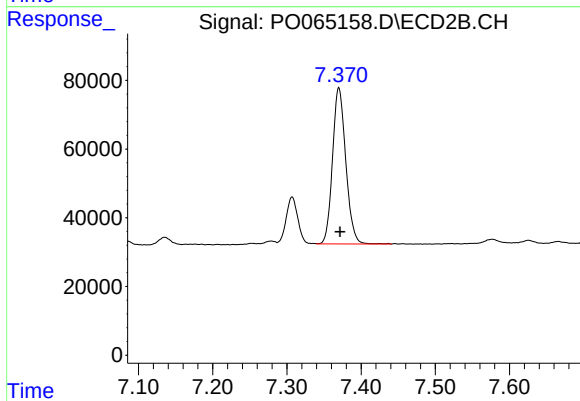
#41 AR-1268-1

R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 146756
Conc: 20.72 ng/ml



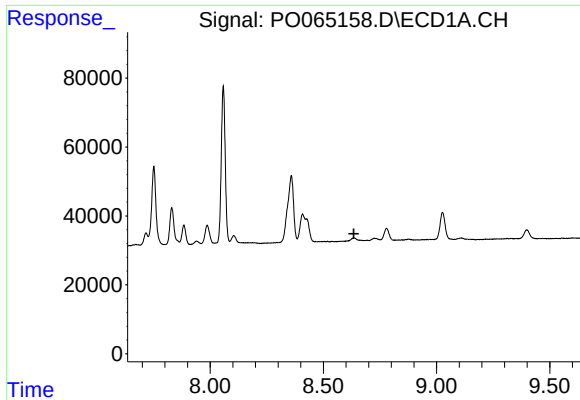
#42 AR-1268-2

R.T.: 8.408 min
Delta R.T.: -0.020 min
Response: 194516
Conc: 44.25 ng/ml



#42 AR-1268-2

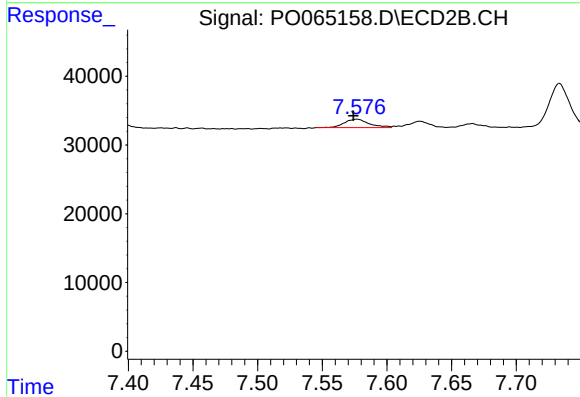
R.T.: 7.370 min
Delta R.T.: -0.001 min
Response: 563683
Conc: 87.57 ng/ml



#43 AR-1268-3

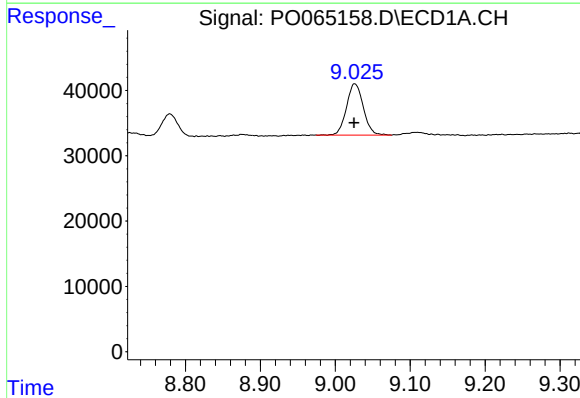
R.T.: 0.000 min
Exp R.T.: 8.635 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



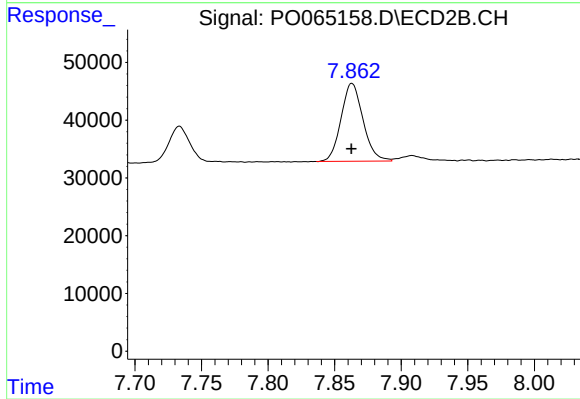
#43 AR-1268-3

R.T.: 7.577 min
Delta R.T.: 0.003 min
Response: 16276
Conc: 3.11 ng/ml



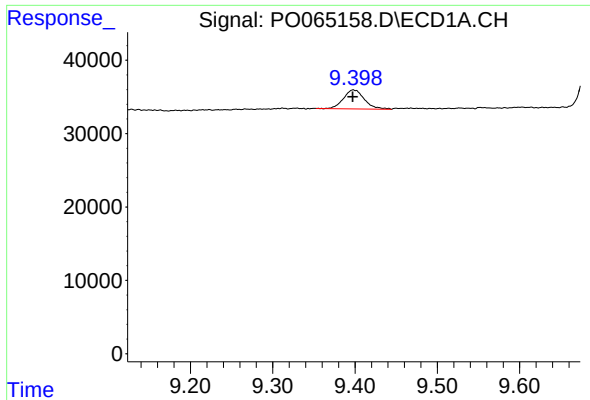
#44 AR-1268-4

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 122321
Conc: 76.98 ng/ml



#44 AR-1268-4

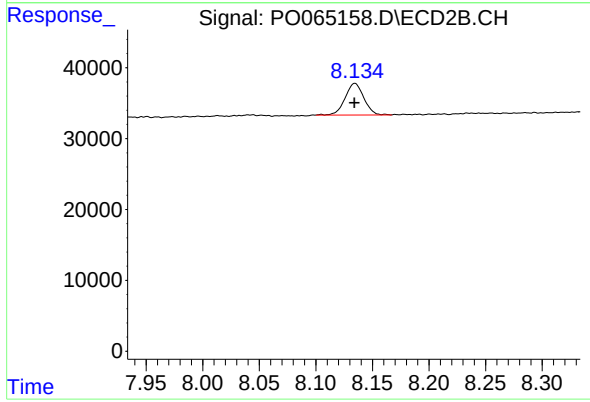
R.T.: 7.863 min
Delta R.T.: 0.000 min
Response: 154998
Conc: 73.18 ng/ml



#45 AR-1268-5

R.T.: 9.398 min
Delta R.T.: 0.000 min
Response: 45604
Conc: 4.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.134 min
Delta R.T.: 0.000 min
Response: 51206
Conc: 3.45 ng/ml