

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112119\
 Data File : PO063949.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Nov 2019 12:45
 Operator : SM/AJ
 Sample : K5685-19RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 13CRE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 13:36:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 15 01:29:03 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...	4.312	3.564	646638	494623	21.149	22.269
2)	SA Decachlor...	9.933	8.529	325036	316409	7.999	10.819 #
Target Compounds							
3)	L1 AR-1016-1	5.526	4.714	42842	43737	30.848	42.680 #
4)	L1 AR-1016-2	5.526	4.714	42842	43737	21.828	32.102 #
5)	L1 AR-1016-3	5.526	4.833	42842	24287	34.296	32.616
6)	L1 AR-1016-4	5.630	4.876	232765	17422	226.311	27.964 #
7)	L1 AR-1016-5	5.954	5.036	59078	157479	55.520	198.280 #
8)	L2 AR-1221-1	0.000	3.766	0	16755	N.D.	61.674 #
9)	L2 AR-1221-2	4.617	3.863	6661	20742	21.235	98.647 #
10)	L2 AR-1221-3	4.700	3.980	39022	89583	41.142	134.388 #
11)	L3 AR-1232-1	4.700	3.980	39022	89583	29.338	95.035 #
12)	L3 AR-1232-2	5.186	4.714	104573	43737	146.642	43.404 #
13)	L3 AR-1232-3	5.526	4.833	42842	24287	29.943	45.886 #
14)	L3 AR-1232-4	5.630	4.945	232765	26448	313.544	56.332 #
15)	L3 AR-1232-5	5.743	5.036	80519	157479	137.360	305.488 #
16)	L4 AR-1242-1	5.526	4.714	42842	43737	40.492	55.445 #
17)	L4 AR-1242-2	5.526	4.714	42842	43737	28.562	41.315 #
18)	L4 AR-1242-3	5.526	4.833	42842	24287	44.830	42.391
19)	L4 AR-1242-4	5.630	4.945	232765	26448	296.373	46.323 #
20)	L4 AR-1242-5	6.403	5.464	92831	461934	89.334	593.479 #
21)	L5 AR-1248-1	5.526	4.714	42842	43737	49.056	67.873 #
22)	L5 AR-1248-2	5.743	4.876	80519	17422	63.548	20.214 #
23)	L5 AR-1248-3	5.954	4.945	59078	26448	41.413	29.893 #
24)	L5 AR-1248-4	6.327	5.036	642620	157479	371.265	146.283 #
25)	L5 AR-1248-5	6.403	5.464	92831	461934	55.039	414.159 #
26)	L6 AR-1254-1	6.327	5.464	642620	461934	367.836	260.717 #
27)	L6 AR-1254-2	6.547	5.583	310127	70655	111.248	44.810 #
28)	L6 AR-1254-3	6.908	5.986	410838	114710	130.864	42.780 #
29)	L6 AR-1254-4	7.187	6.215	86108	41696	34.824	23.513 #
30)	L6 AR-1254-5	7.604	6.628	231001	130949	85.222	52.406 #
31)	L7 AR-1260-1	7.065	6.115	130000	160892	64.417	102.452 #
32)	L7 AR-1260-2	7.318	6.301	509371	143524	202.181	72.961 #
33)	L7 AR-1260-3	7.678	6.455	100622	96118	49.661	53.893
34)	L7 AR-1260-4	7.898	6.925	159293	43675	66.888	27.740 #
35)	L7 AR-1260-5	8.214	7.165	130026	102659	27.699	26.479
36)	L8 AR-1262-1	7.678	6.719	100622	32442	31.254	31.030
37)	L8 AR-1262-2	8.214	7.165	130026	102659	22.071	21.643
38)	L8 AR-1262-3	8.515	7.448	79863	47864	19.490	25.538 #
39)	L8 AR-1262-4	8.600	7.511	59599	80463	19.057	22.791
40)	L8 AR-1262-5	9.221	8.004	47788	22533	21.938	14.758 #
41)	L9 AR-1268-1	8.515	7.448	79863	47864	11.814	8.966

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 ALS Vial : 6 Sample Multiplier: 1

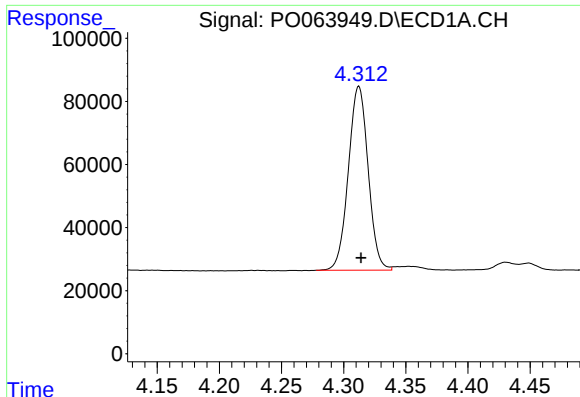
Instrument :
 ECD_O
 ClientSampleId :
 13CRE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 13:36:45 2019
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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	8.600	7.511	59599	80463	9.498	16.146 #
43) L9	AR-1268-3	0.000	7.719	0	23801	N.D.	5.996 #
44) L9	AR-1268-4	9.221	8.004	47788	22533	19.659	13.302 #
45) L9	AR-1268-5	9.616	8.282	37826	48815	2.460	4.127 #

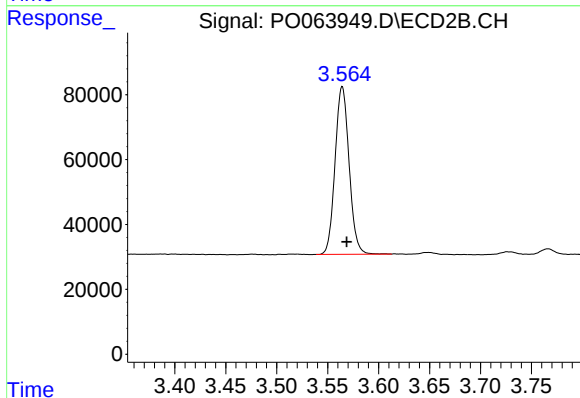
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

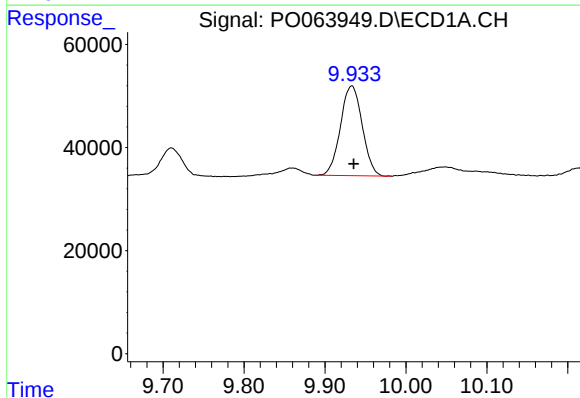
R.T.: 4.312 min
Delta R.T.: -0.002 min
Response: 646638
Conc: 21.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



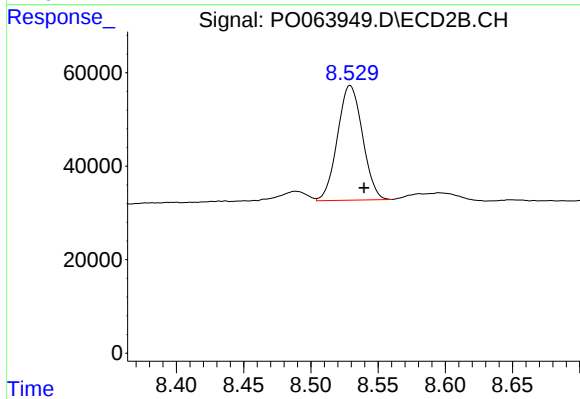
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: -0.004 min
Response: 494623
Conc: 22.27 ng/ml



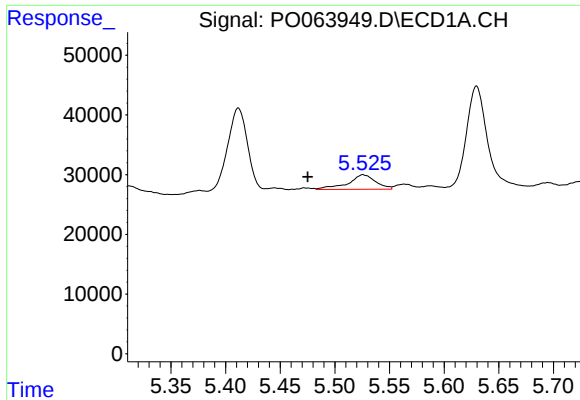
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: -0.003 min
Response: 325036
Conc: 8.00 ng/ml



#2 Decachlorobiphenyl

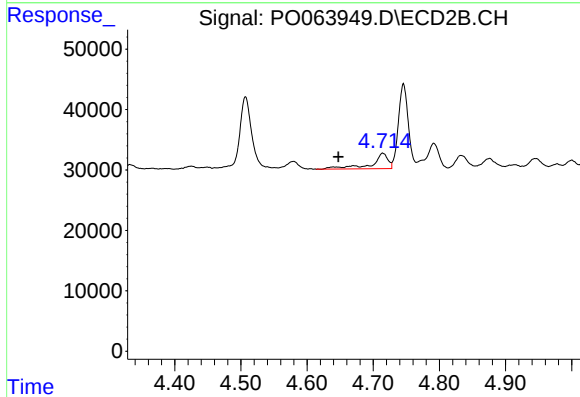
R.T.: 8.529 min
Delta R.T.: -0.010 min
Response: 316409
Conc: 10.82 ng/ml



#3 AR-1016-1

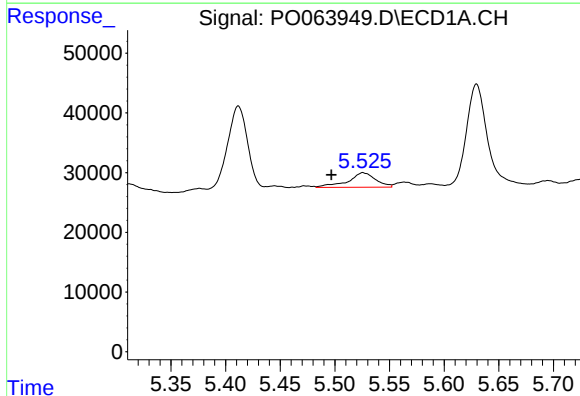
R.T.: 5.526 min
Delta R.T.: 0.050 min
Response: 42842
Conc: 30.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



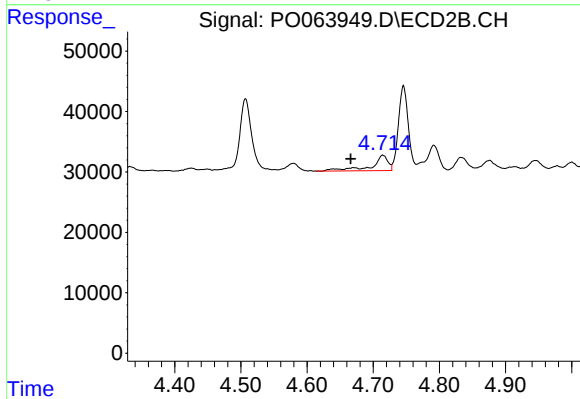
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: 0.067 min
Response: 43737
Conc: 42.68 ng/ml



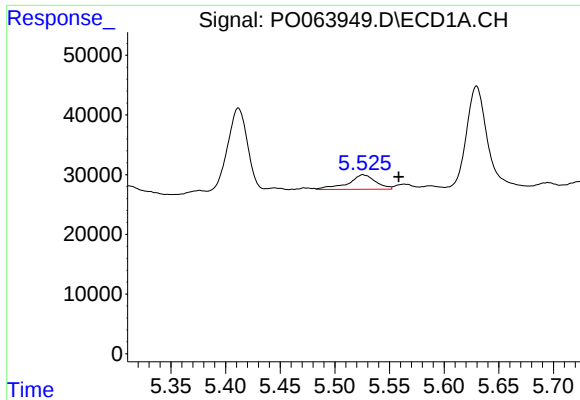
#4 AR-1016-2

R.T.: 5.526 min
Delta R.T.: 0.029 min
Response: 42842
Conc: 21.83 ng/ml



#4 AR-1016-2

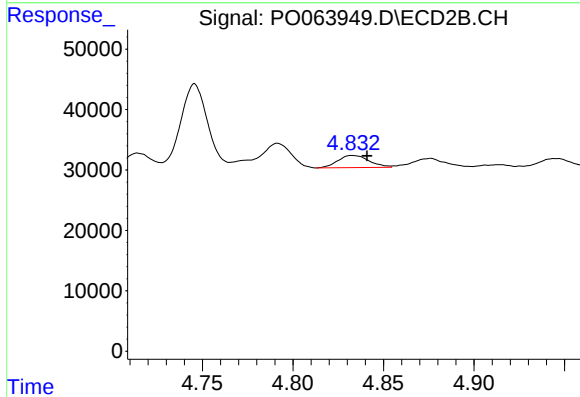
R.T.: 4.714 min
Delta R.T.: 0.048 min
Response: 43737
Conc: 32.10 ng/ml



#5 AR-1016-3

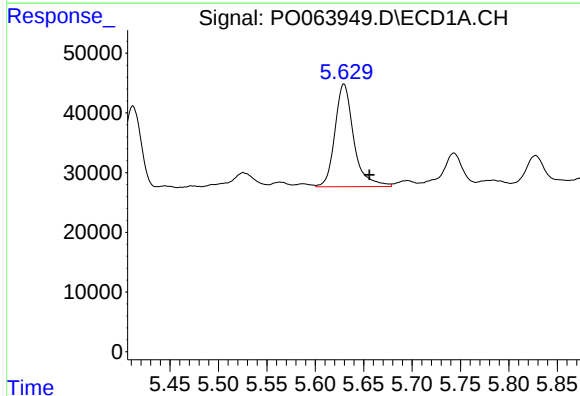
R.T.: 5.526 min
Delta R.T.: -0.033 min
Response: 42842
Conc: 34.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



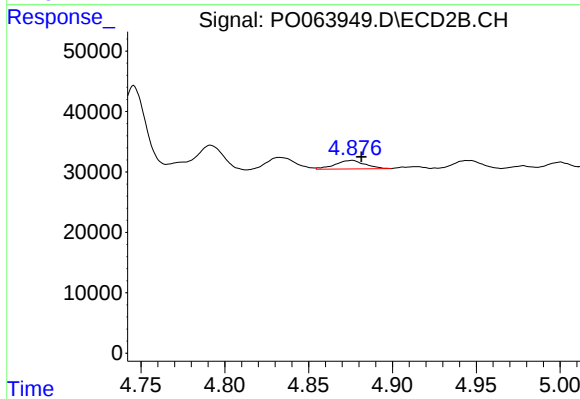
#5 AR-1016-3

R.T.: 4.833 min
Delta R.T.: -0.008 min
Response: 24287
Conc: 32.62 ng/ml



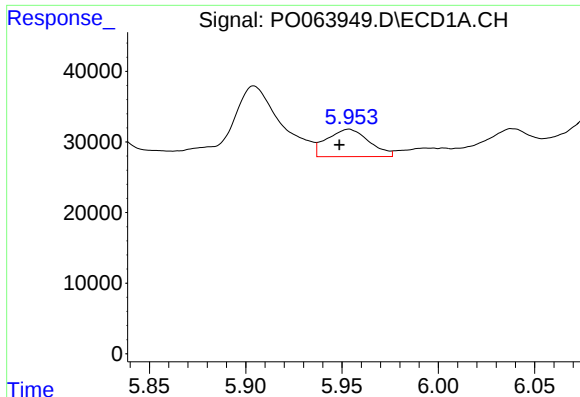
#6 AR-1016-4

R.T.: 5.630 min
Delta R.T.: -0.027 min
Response: 232765
Conc: 226.31 ng/ml



#6 AR-1016-4

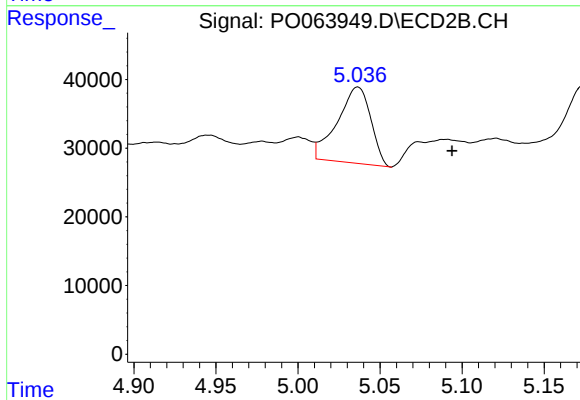
R.T.: 4.876 min
Delta R.T.: -0.006 min
Response: 17422
Conc: 27.96 ng/ml



#7 AR-1016-5

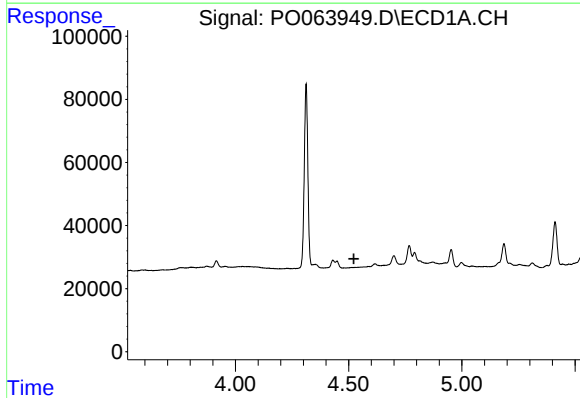
R.T.: 5.954 min
Delta R.T.: 0.005 min
Response: 59078
Conc: 55.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



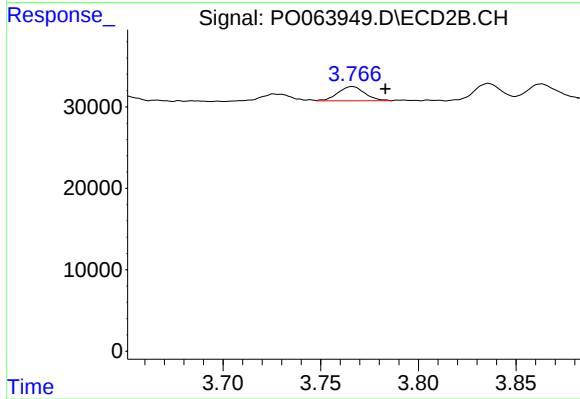
#7 AR-1016-5

R.T.: 5.036 min
Delta R.T.: -0.057 min
Response: 157479
Conc: 198.28 ng/ml



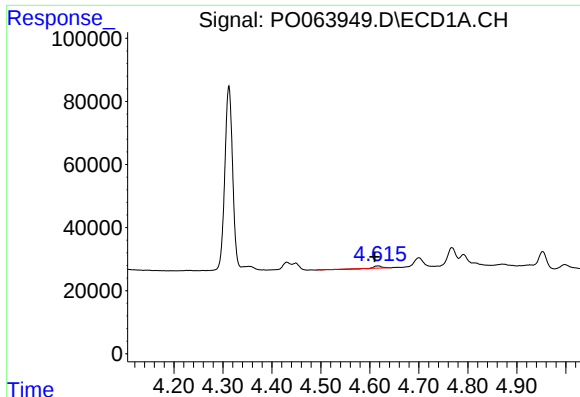
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.523 min
Response: 0
Conc: N.D.



#8 AR-1221-1

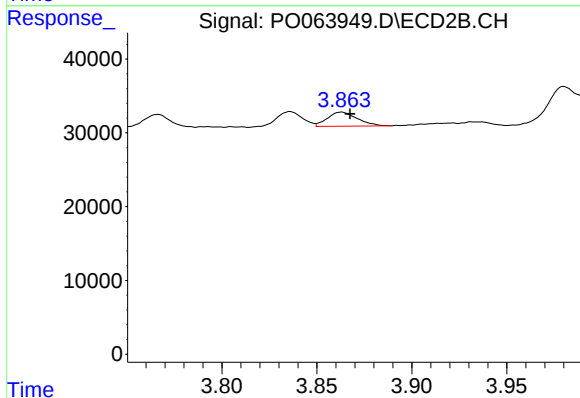
R.T.: 3.766 min
Delta R.T.: -0.017 min
Response: 16755
Conc: 61.67 ng/ml



#9 AR-1221-2

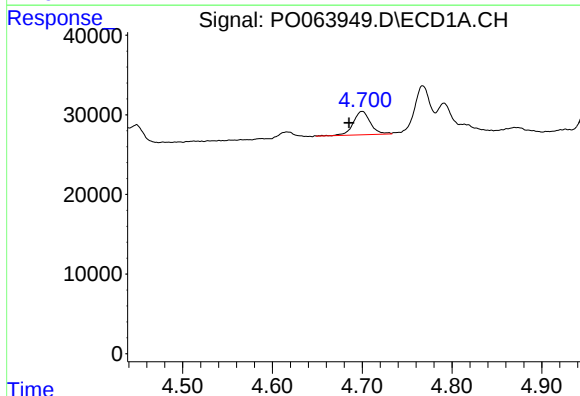
R.T.: 4.617 min
Delta R.T.: 0.007 min
Response: 6661
Conc: 21.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



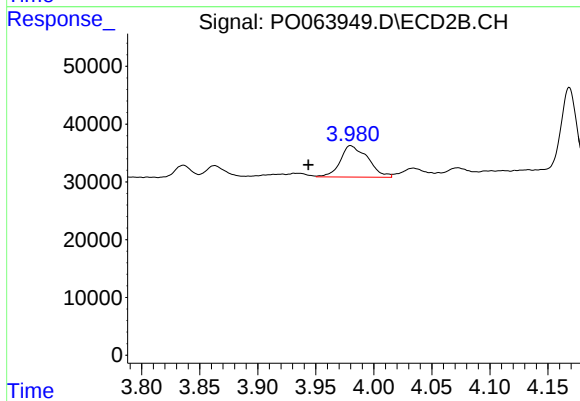
#9 AR-1221-2

R.T.: 3.863 min
Delta R.T.: -0.005 min
Response: 20742
Conc: 98.65 ng/ml



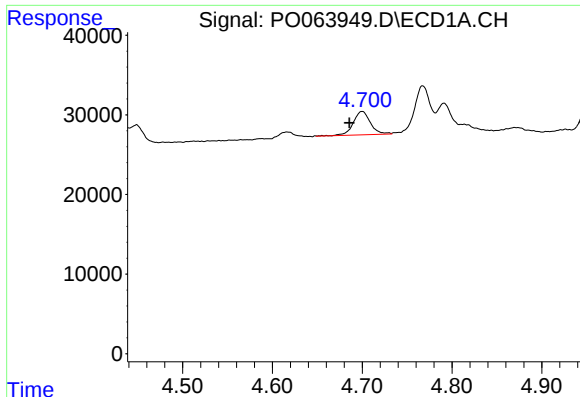
#10 AR-1221-3

R.T.: 4.700 min
Delta R.T.: 0.014 min
Response: 39022
Conc: 41.14 ng/ml



#10 AR-1221-3

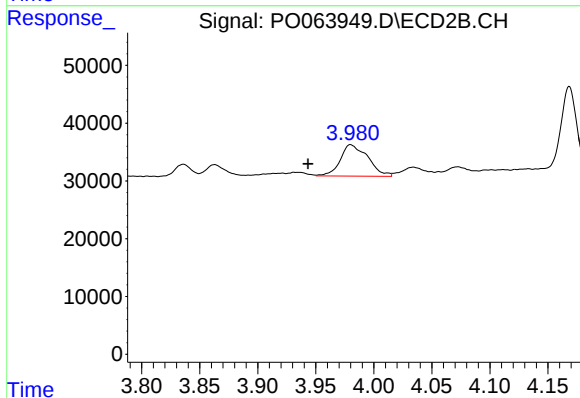
R.T.: 3.980 min
Delta R.T.: 0.037 min
Response: 89583
Conc: 134.39 ng/ml



#11 AR-1232-1

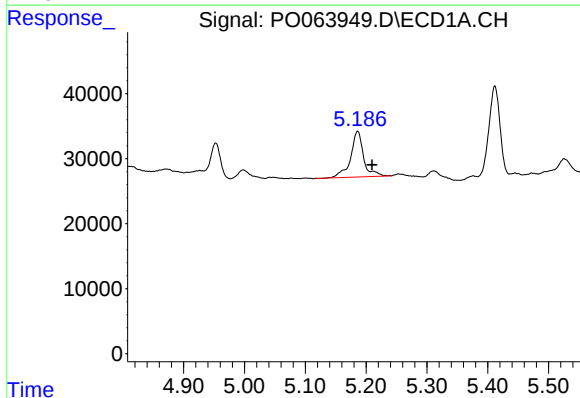
R.T.: 4.700 min
Delta R.T.: 0.014 min
Response: 39022
Conc: 29.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



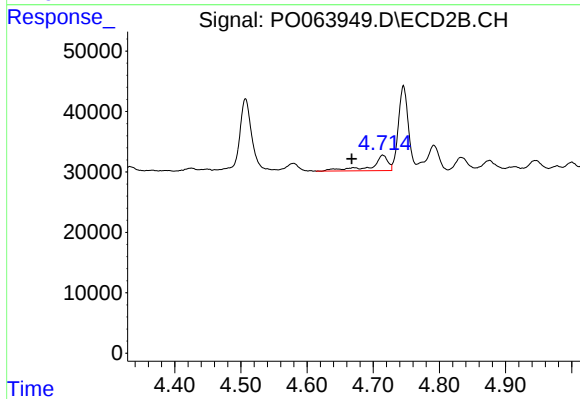
#11 AR-1232-1

R.T.: 3.980 min
Delta R.T.: 0.037 min
Response: 89583
Conc: 95.04 ng/ml



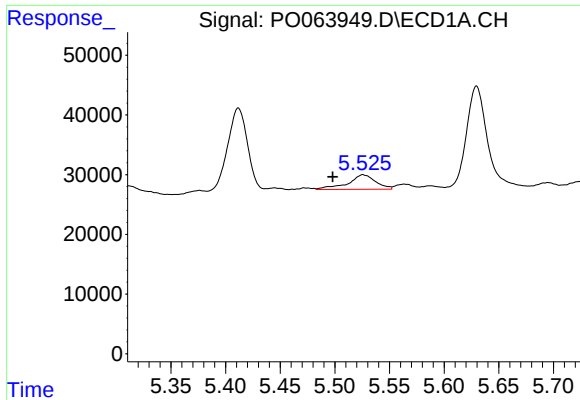
#12 AR-1232-2

R.T.: 5.186 min
Delta R.T.: -0.023 min
Response: 104573
Conc: 146.64 ng/ml



#12 AR-1232-2

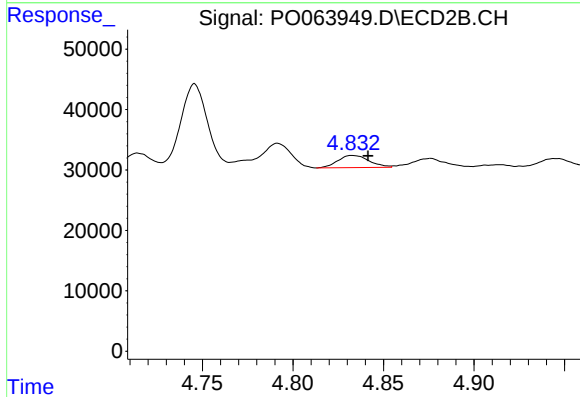
R.T.: 4.714 min
Delta R.T.: 0.047 min
Response: 43737
Conc: 43.40 ng/ml



#13 AR-1232-3

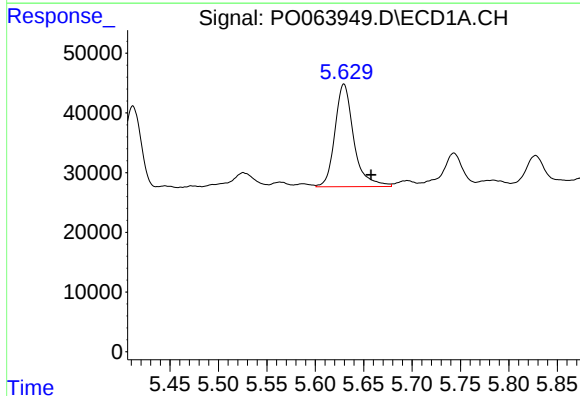
R.T.: 5.526 min
Delta R.T.: 0.028 min
Response: 42842
Conc: 29.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



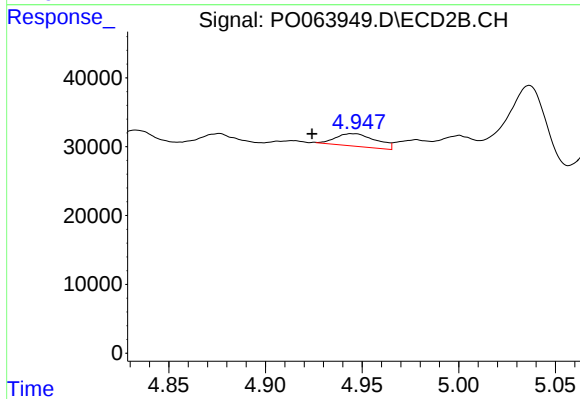
#13 AR-1232-3

R.T.: 4.833 min
Delta R.T.: -0.009 min
Response: 24287
Conc: 45.89 ng/ml



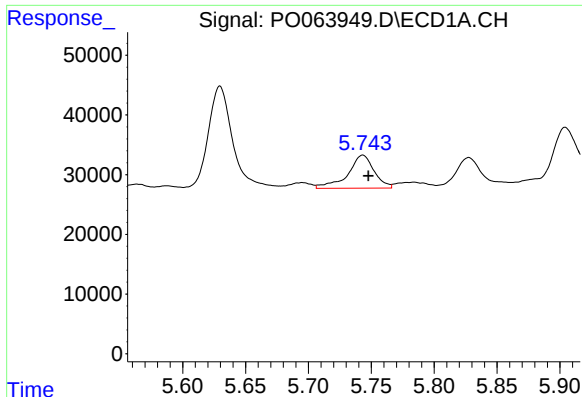
#14 AR-1232-4

R.T.: 5.630 min
Delta R.T.: -0.028 min
Response: 232765
Conc: 313.54 ng/ml



#14 AR-1232-4

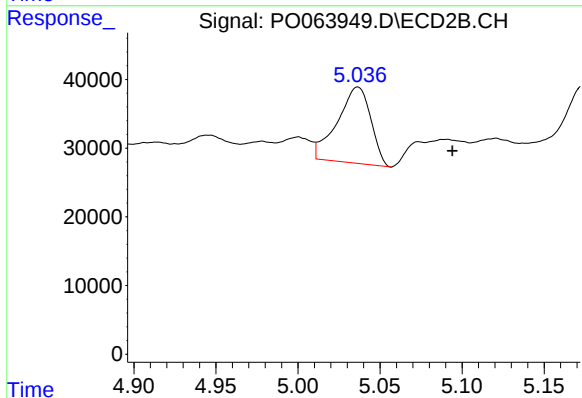
R.T.: 4.945 min
Delta R.T.: 0.021 min
Response: 26448
Conc: 56.33 ng/ml



#15 AR-1232-5

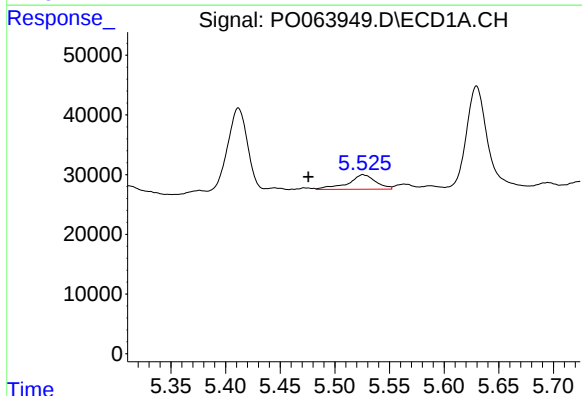
R.T.: 5.743 min
Delta R.T.: -0.004 min
Response: 80519
Conc: 137.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



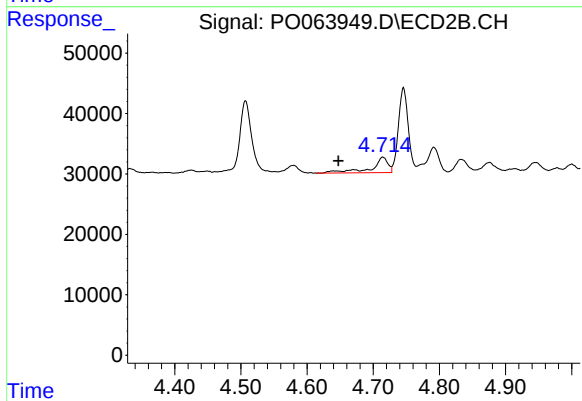
#15 AR-1232-5

R.T.: 5.036 min
Delta R.T.: -0.058 min
Response: 157479
Conc: 305.49 ng/ml



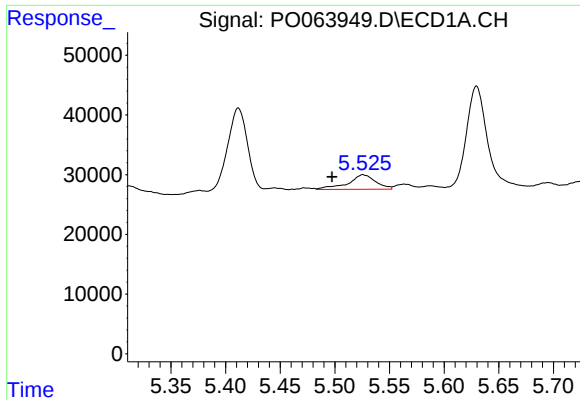
#16 AR-1242-1

R.T.: 5.526 min
Delta R.T.: 0.050 min
Response: 42842
Conc: 40.49 ng/ml



#16 AR-1242-1

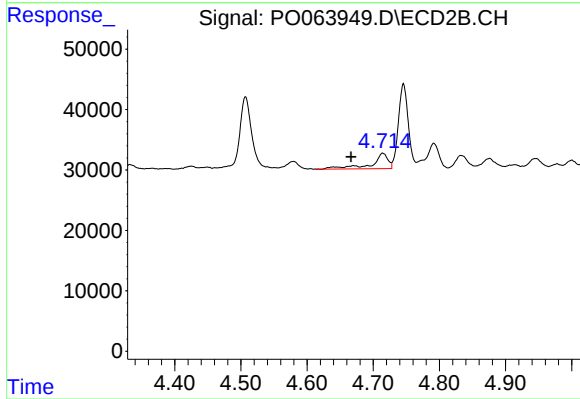
R.T.: 4.714 min
Delta R.T.: 0.067 min
Response: 43737
Conc: 55.45 ng/ml



#17 AR-1242-2

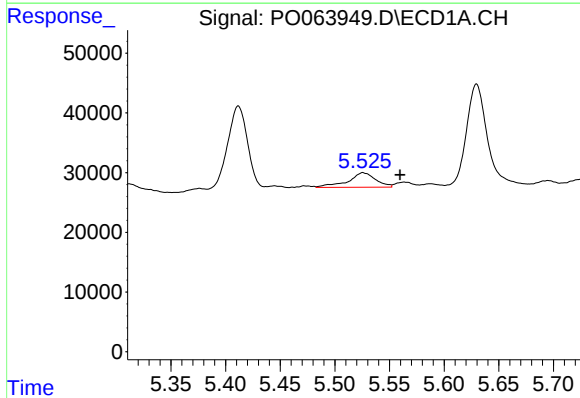
R.T.: 5.526 min
Delta R.T.: 0.028 min
Response: 42842
Conc: 28.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



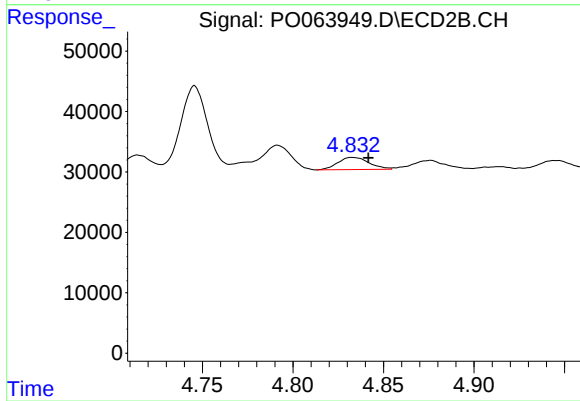
#17 AR-1242-2

R.T.: 4.714 min
Delta R.T.: 0.048 min
Response: 43737
Conc: 41.32 ng/ml



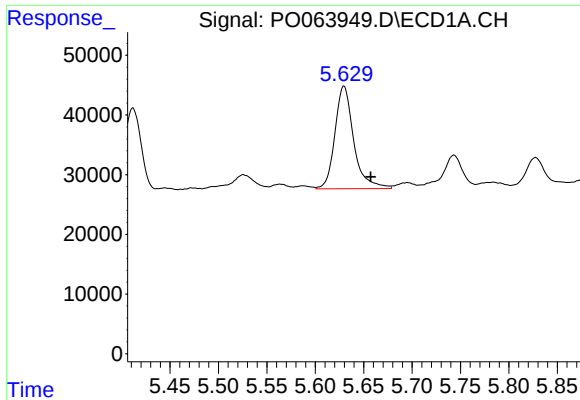
#18 AR-1242-3

R.T.: 5.526 min
Delta R.T.: -0.034 min
Response: 42842
Conc: 44.83 ng/ml



#18 AR-1242-3

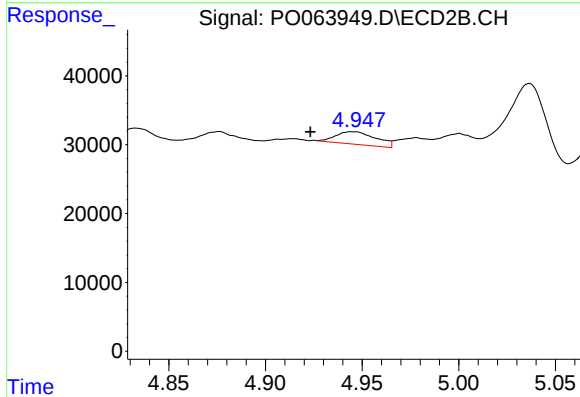
R.T.: 4.833 min
Delta R.T.: -0.009 min
Response: 24287
Conc: 42.39 ng/ml



#19 AR-1242-4

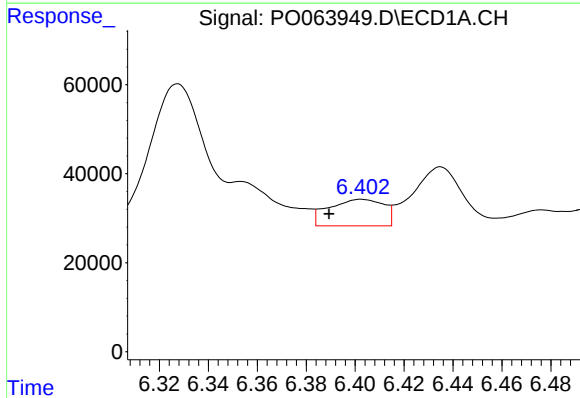
R.T.: 5.630 min
Delta R.T.: -0.028 min
Response: 232765
Conc: 296.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



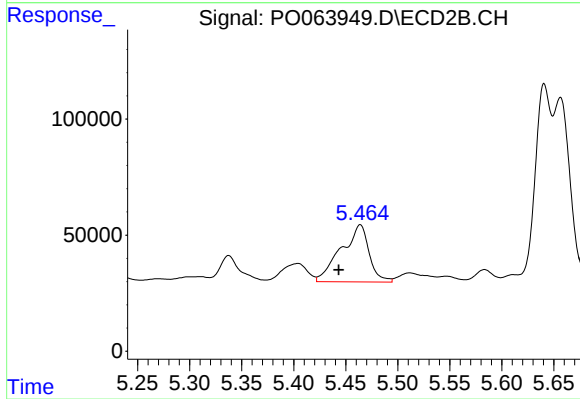
#19 AR-1242-4

R.T.: 4.945 min
Delta R.T.: 0.022 min
Response: 26448
Conc: 46.32 ng/ml



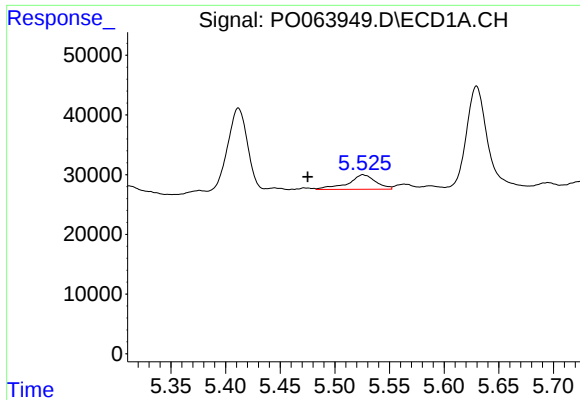
#20 AR-1242-5

R.T.: 6.403 min
Delta R.T.: 0.013 min
Response: 92831
Conc: 89.33 ng/ml



#20 AR-1242-5

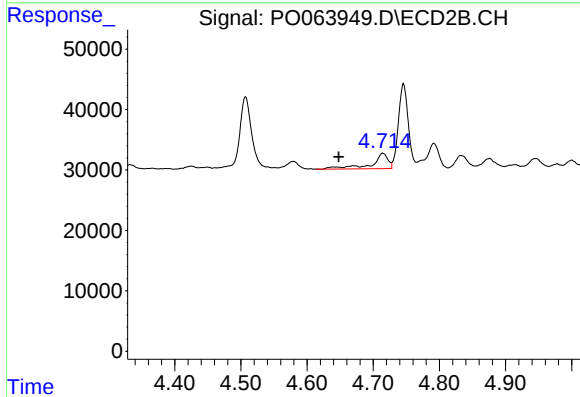
R.T.: 5.464 min
Delta R.T.: 0.021 min
Response: 461934
Conc: 593.48 ng/ml



#21 AR-1248-1

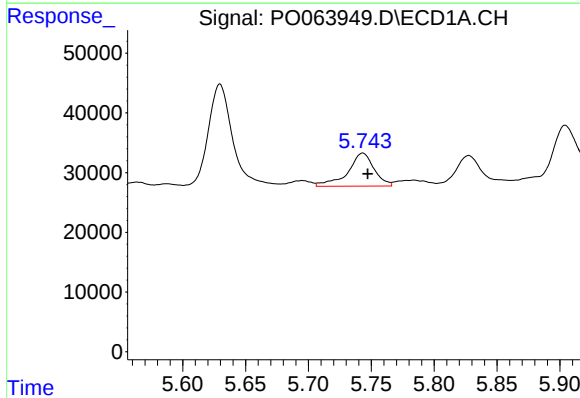
R.T.: 5.526 min
Delta R.T.: 0.050 min
Response: 42842
Conc: 49.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



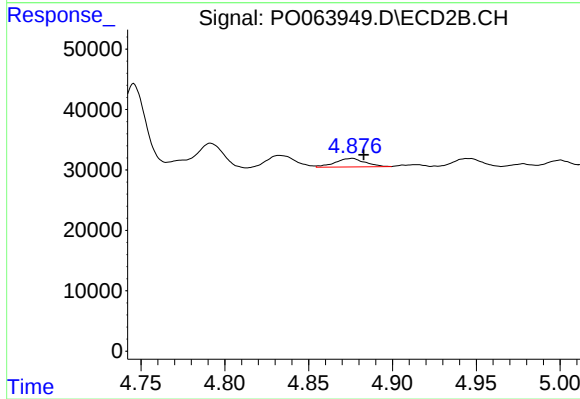
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: 0.066 min
Response: 43737
Conc: 67.87 ng/ml



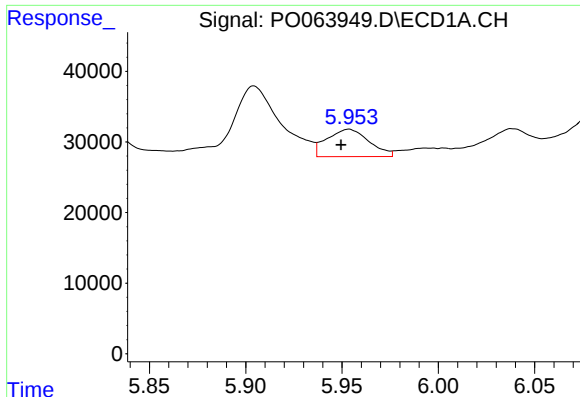
#22 AR-1248-2

R.T.: 5.743 min
Delta R.T.: -0.004 min
Response: 80519
Conc: 63.55 ng/ml



#22 AR-1248-2

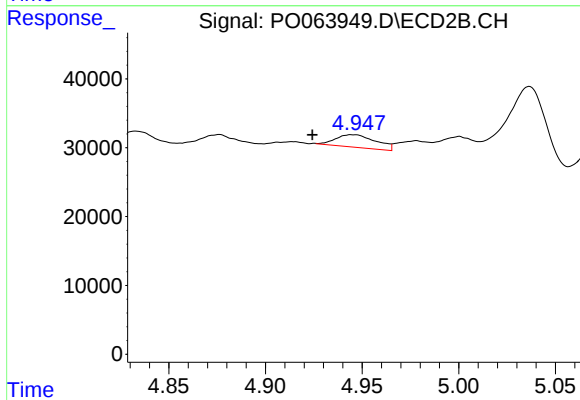
R.T.: 4.876 min
Delta R.T.: -0.007 min
Response: 17422
Conc: 20.21 ng/ml



#23 AR-1248-3

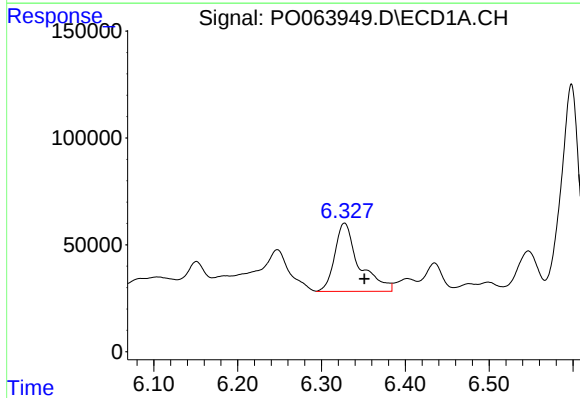
R.T.: 5.954 min
Delta R.T.: 0.004 min
Response: 59078
Conc: 41.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



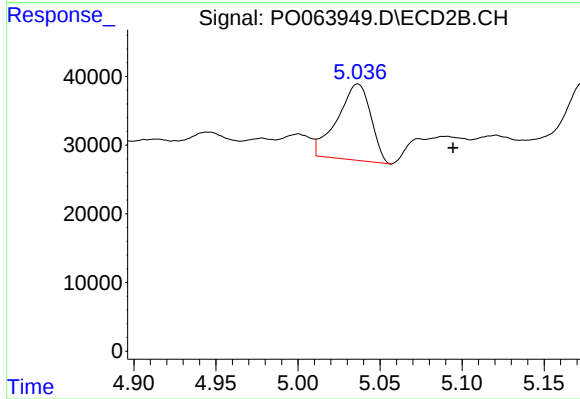
#23 AR-1248-3

R.T.: 4.945 min
Delta R.T.: 0.021 min
Response: 26448
Conc: 29.89 ng/ml



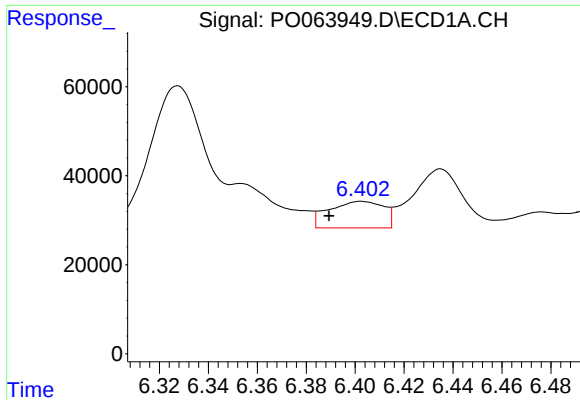
#24 AR-1248-4

R.T.: 6.327 min
Delta R.T.: -0.024 min
Response: 642620
Conc: 371.26 ng/ml



#24 AR-1248-4

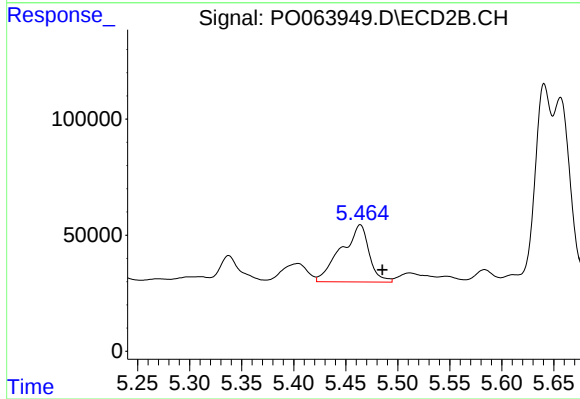
R.T.: 5.036 min
Delta R.T.: -0.058 min
Response: 157479
Conc: 146.28 ng/ml



#25 AR-1248-5

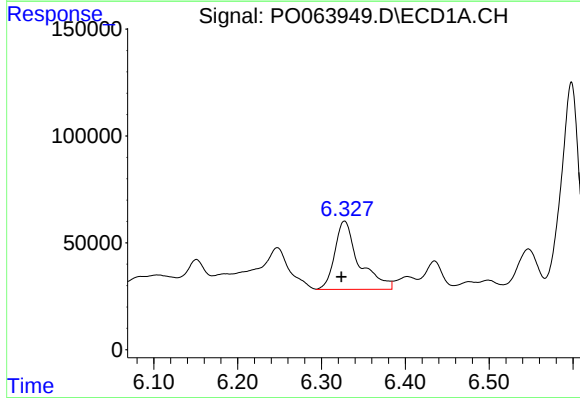
R.T.: 6.403 min
Delta R.T.: 0.013 min
Response: 92831
Conc: 55.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



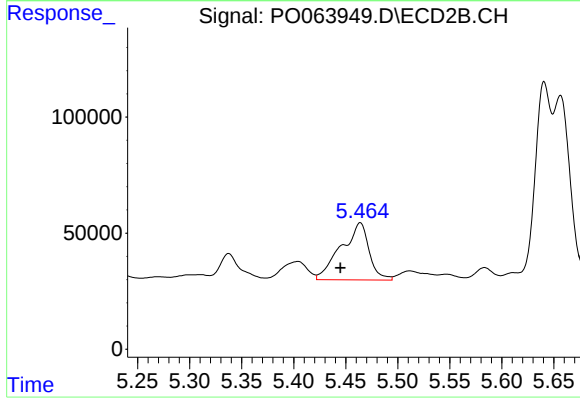
#25 AR-1248-5

R.T.: 5.464 min
Delta R.T.: -0.021 min
Response: 461934
Conc: 414.16 ng/ml



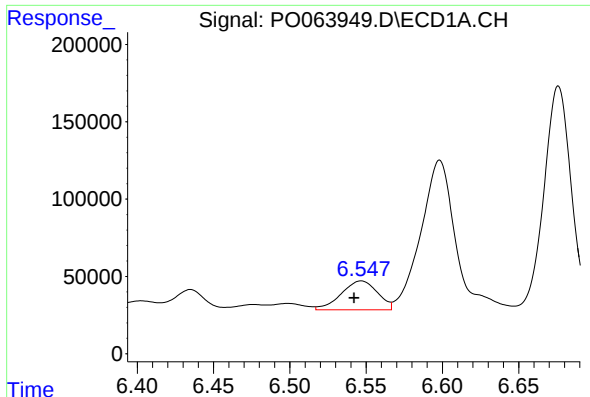
#26 AR-1254-1

R.T.: 6.327 min
Delta R.T.: 0.004 min
Response: 642620
Conc: 367.84 ng/ml



#26 AR-1254-1

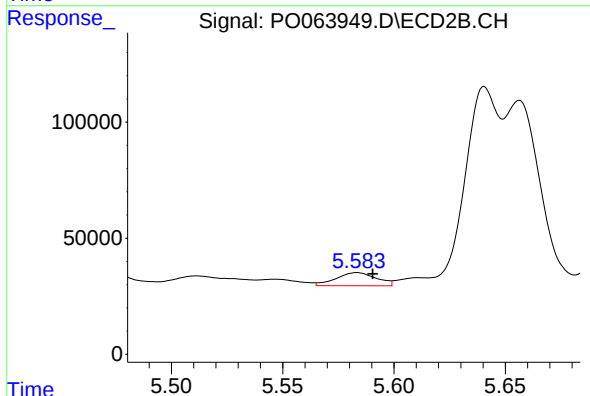
R.T.: 5.464 min
Delta R.T.: 0.019 min
Response: 461934
Conc: 260.72 ng/ml



#27 AR-1254-2

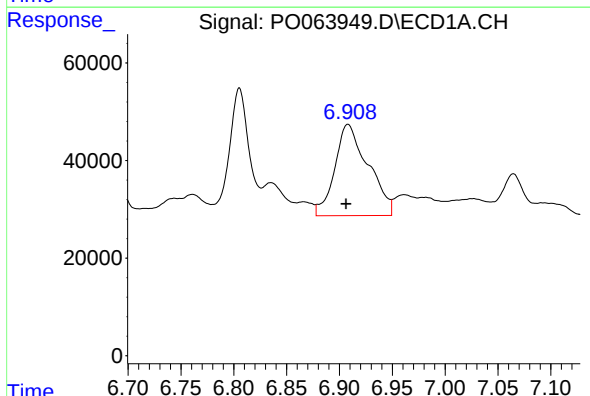
R.T.: 6.547 min
Delta R.T.: 0.005 min
Response: 310127
Conc: 111.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



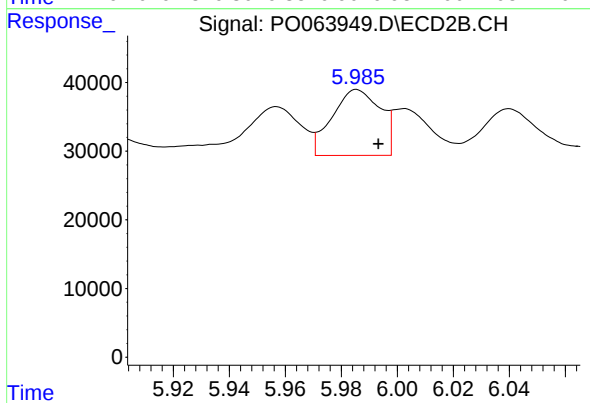
#27 AR-1254-2

R.T.: 5.583 min
Delta R.T.: -0.007 min
Response: 70655
Conc: 44.81 ng/ml



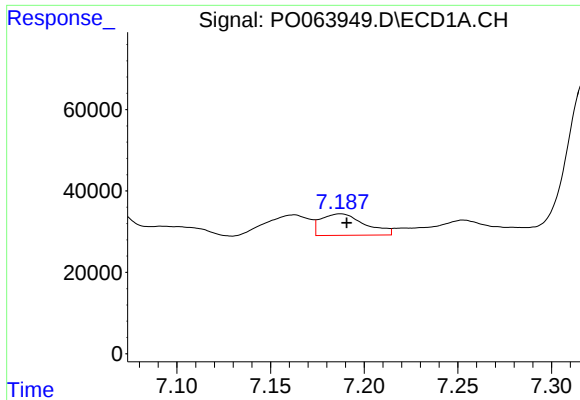
#28 AR-1254-3

R.T.: 6.908 min
Delta R.T.: 0.002 min
Response: 410838
Conc: 130.86 ng/ml



#28 AR-1254-3

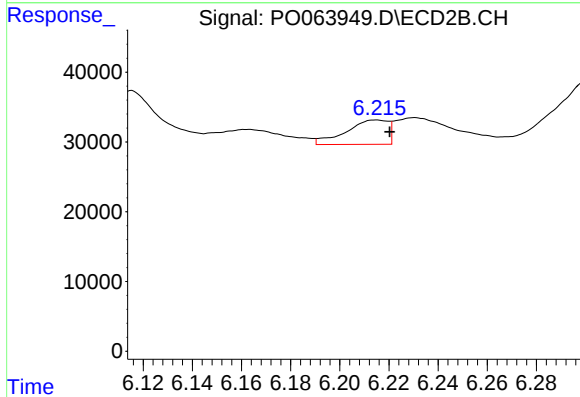
R.T.: 5.986 min
Delta R.T.: -0.008 min
Response: 114710
Conc: 42.78 ng/ml



#29 AR-1254-4

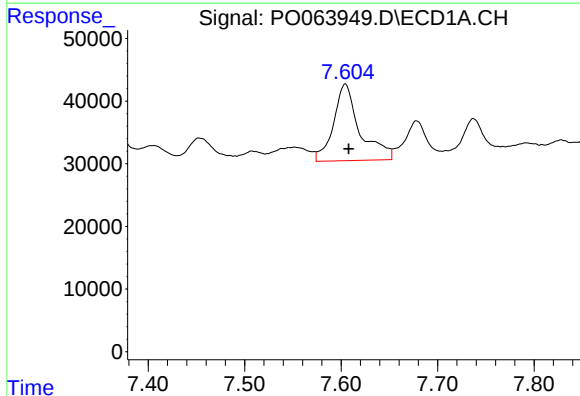
R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 86108
Conc: 34.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



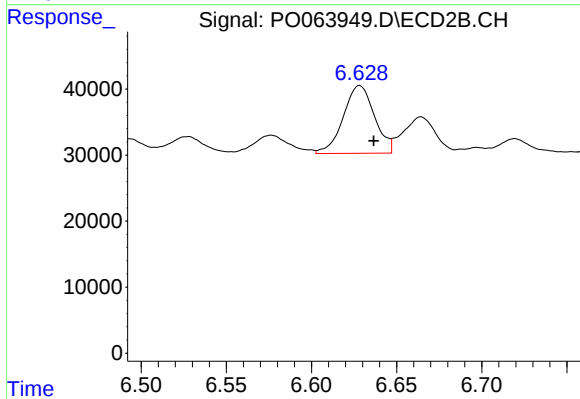
#29 AR-1254-4

R.T.: 6.215 min
Delta R.T.: -0.006 min
Response: 41696
Conc: 23.51 ng/ml



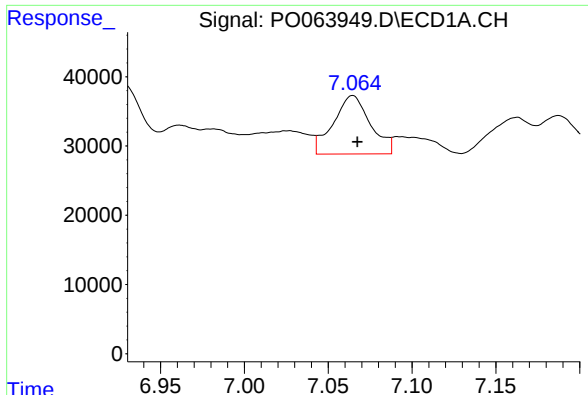
#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: -0.004 min
Response: 231001
Conc: 85.22 ng/ml



#30 AR-1254-5

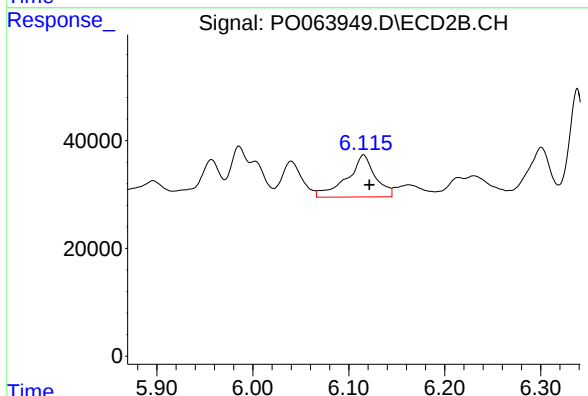
R.T.: 6.628 min
Delta R.T.: -0.008 min
Response: 130949
Conc: 52.41 ng/ml



#31 AR-1260-1

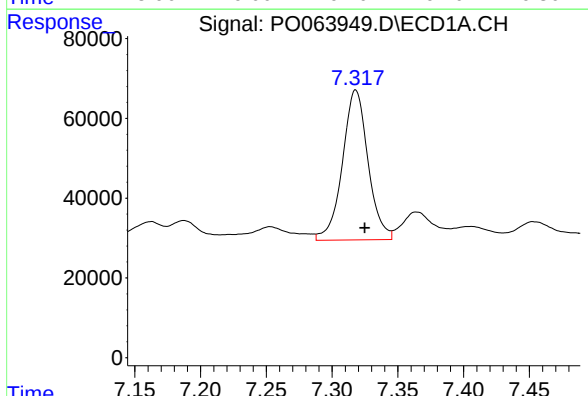
R.T.: 7.065 min
Delta R.T.: -0.003 min
Response: 130000
Conc: 64.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



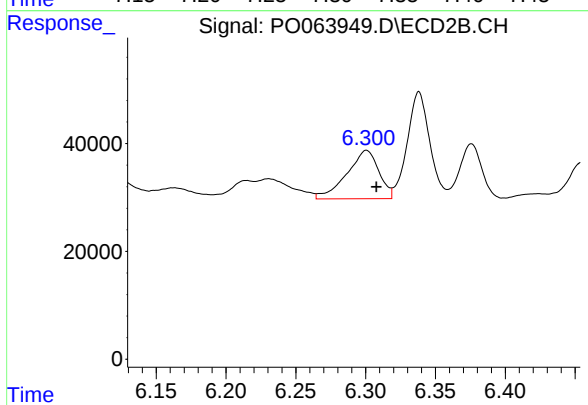
#31 AR-1260-1

R.T.: 6.115 min
Delta R.T.: -0.006 min
Response: 160892
Conc: 102.45 ng/ml



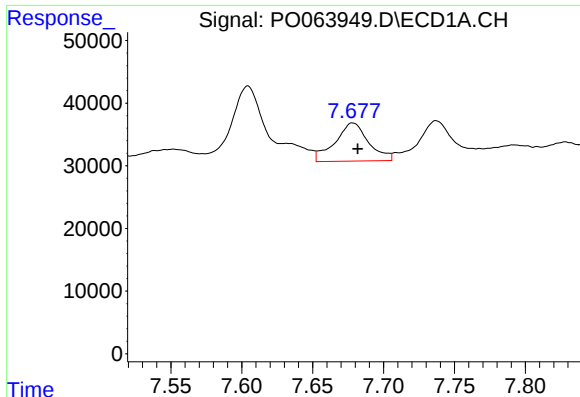
#32 AR-1260-2

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 509371
Conc: 202.18 ng/ml



#32 AR-1260-2

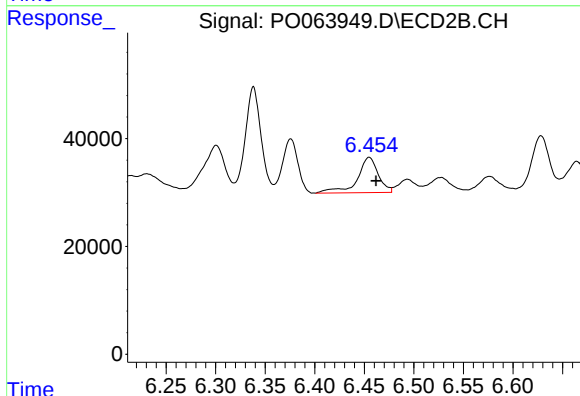
R.T.: 6.301 min
Delta R.T.: -0.007 min
Response: 143524
Conc: 72.96 ng/ml



#33 AR-1260-3

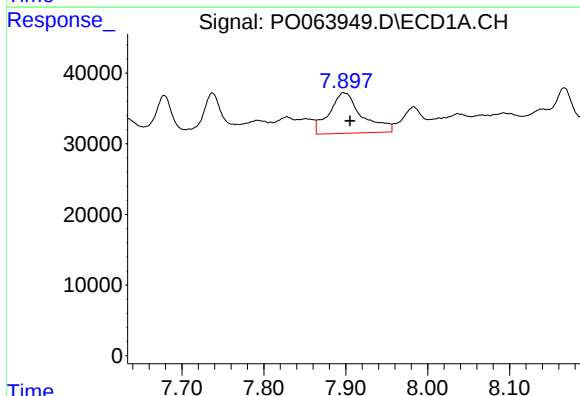
R.T.: 7.678 min
Delta R.T.: -0.004 min
Response: 100622
Conc: 49.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



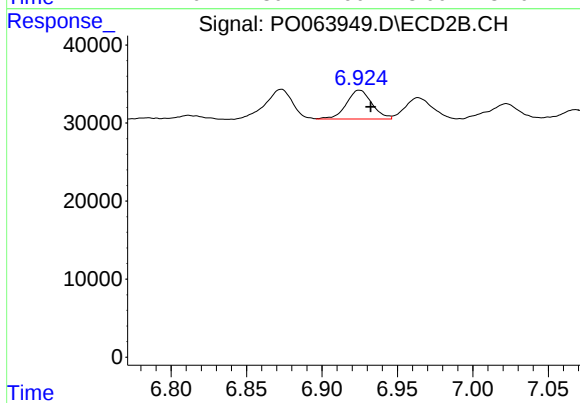
#33 AR-1260-3

R.T.: 6.455 min
Delta R.T.: -0.007 min
Response: 96118
Conc: 53.89 ng/ml



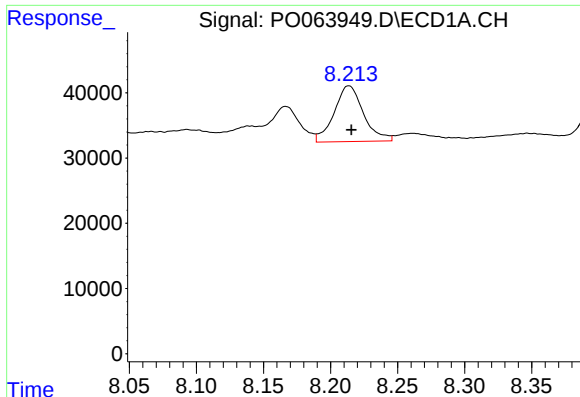
#34 AR-1260-4

R.T.: 7.898 min
Delta R.T.: -0.008 min
Response: 159293
Conc: 66.89 ng/ml



#34 AR-1260-4

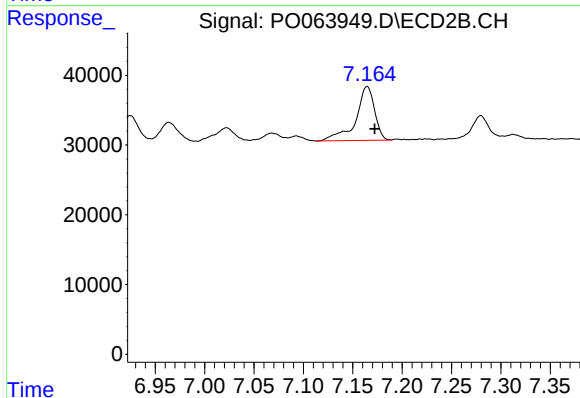
R.T.: 6.925 min
Delta R.T.: -0.007 min
Response: 43675
Conc: 27.74 ng/ml



#35 AR-1260-5

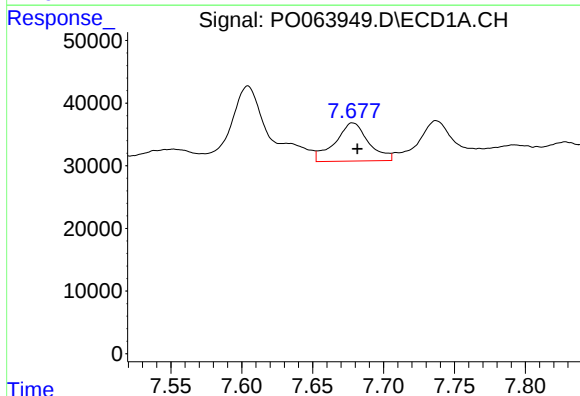
R.T.: 8.214 min
Delta R.T.: -0.002 min
Response: 130026
Conc: 27.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



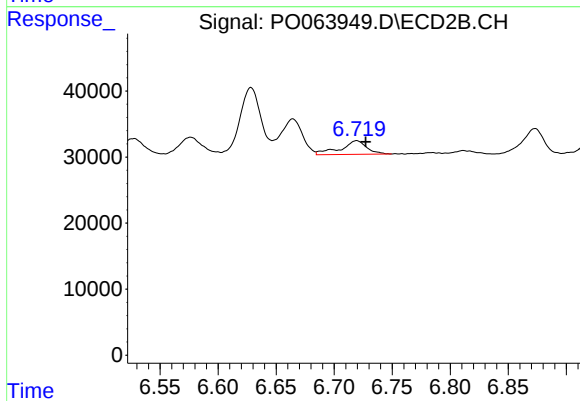
#35 AR-1260-5

R.T.: 7.165 min
Delta R.T.: -0.008 min
Response: 102659
Conc: 26.48 ng/ml



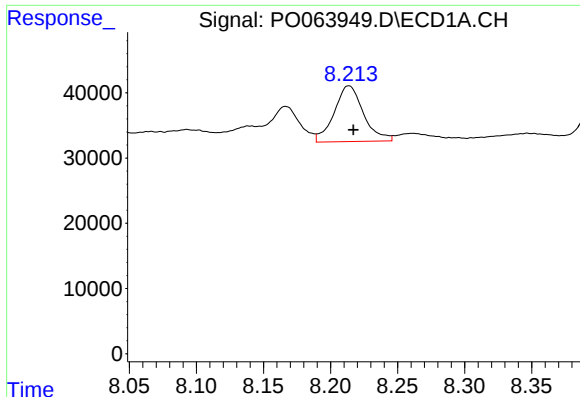
#36 AR-1262-1

R.T.: 7.678 min
Delta R.T.: -0.003 min
Response: 100622
Conc: 31.25 ng/ml



#36 AR-1262-1

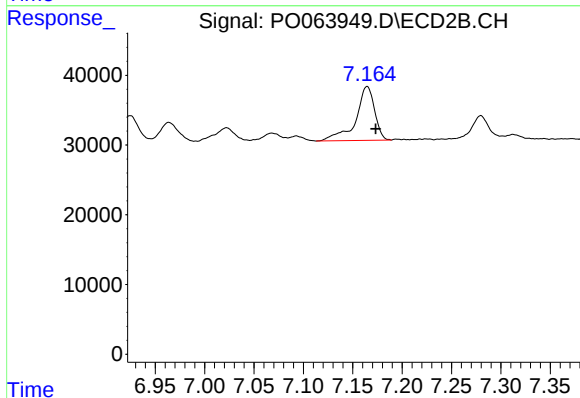
R.T.: 6.719 min
Delta R.T.: -0.008 min
Response: 32442
Conc: 31.03 ng/ml



#37 AR-1262-2

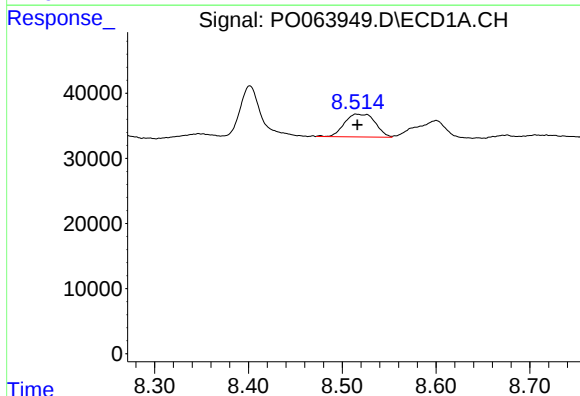
R.T.: 8.214 min
Delta R.T.: -0.004 min
Response: 130026
Conc: 22.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



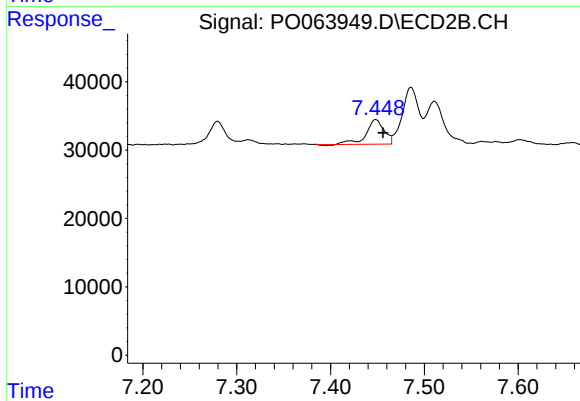
#37 AR-1262-2

R.T.: 7.165 min
Delta R.T.: -0.009 min
Response: 102659
Conc: 21.64 ng/ml



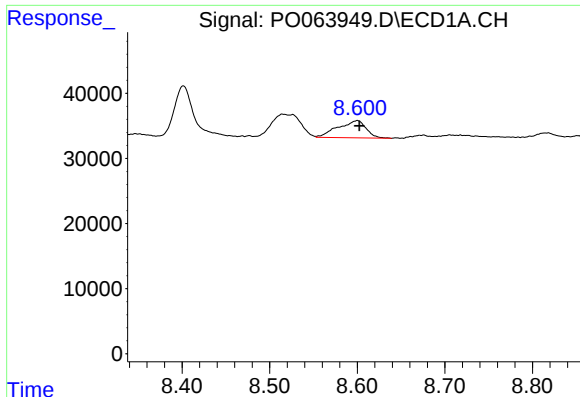
#38 AR-1262-3

R.T.: 8.515 min
Delta R.T.: -0.001 min
Response: 79863
Conc: 19.49 ng/ml



#38 AR-1262-3

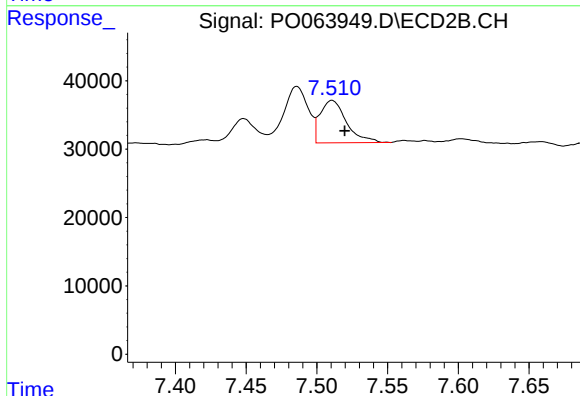
R.T.: 7.448 min
Delta R.T.: -0.008 min
Response: 47864
Conc: 25.54 ng/ml



#39 AR-1262-4

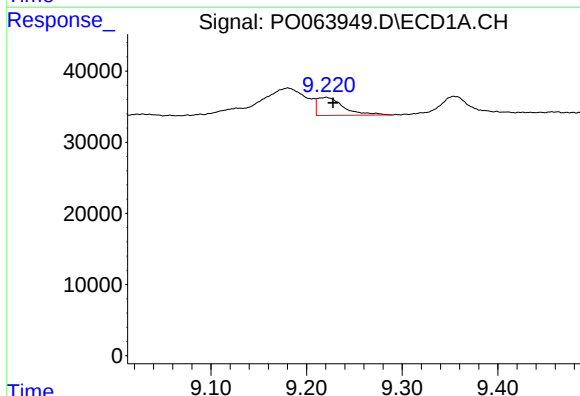
R.T.: 8.600 min
Delta R.T.: -0.002 min
Response: 59599
Conc: 19.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



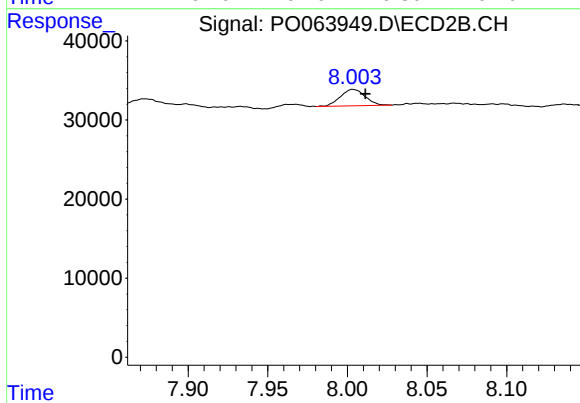
#39 AR-1262-4

R.T.: 7.511 min
Delta R.T.: -0.009 min
Response: 80463
Conc: 22.79 ng/ml



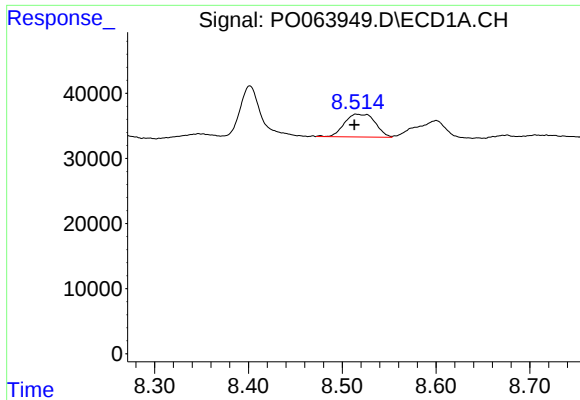
#40 AR-1262-5

R.T.: 9.221 min
Delta R.T.: -0.007 min
Response: 47788
Conc: 21.94 ng/ml



#40 AR-1262-5

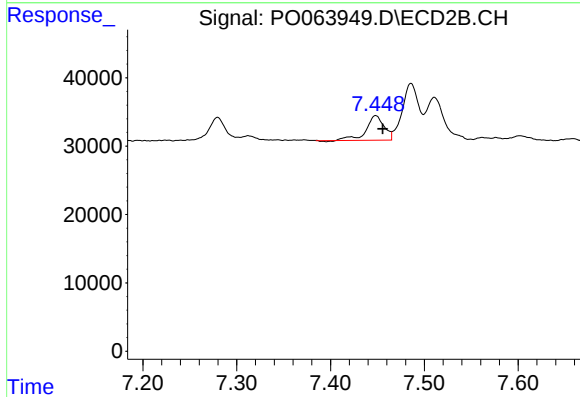
R.T.: 8.004 min
Delta R.T.: -0.008 min
Response: 22533
Conc: 14.76 ng/ml



#41 AR-1268-1

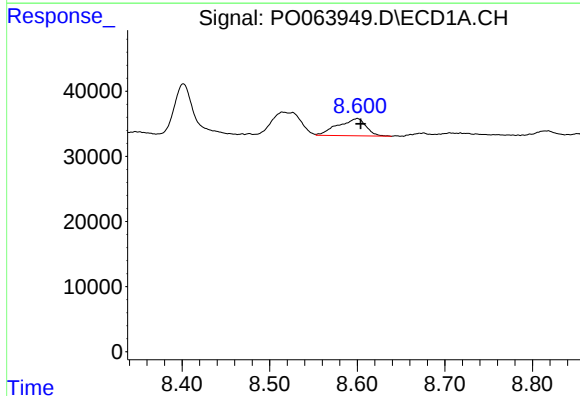
R.T.: 8.515 min
Delta R.T.: 0.002 min
Response: 79863
Conc: 11.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



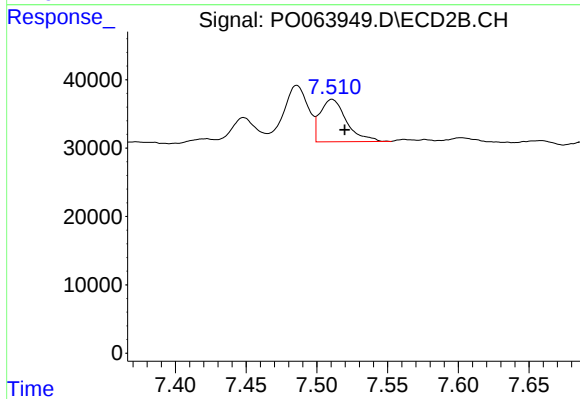
#41 AR-1268-1

R.T.: 7.448 min
Delta R.T.: -0.008 min
Response: 47864
Conc: 8.97 ng/ml



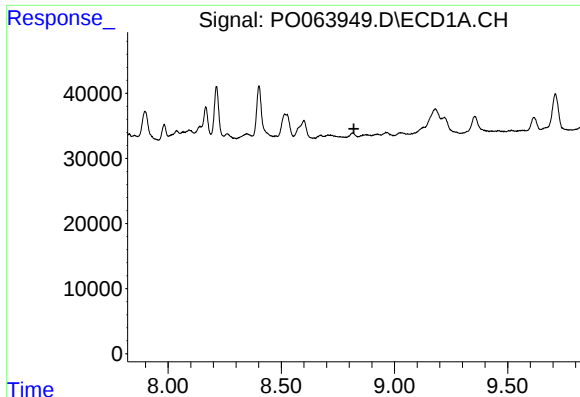
#42 AR-1268-2

R.T.: 8.600 min
Delta R.T.: -0.004 min
Response: 59599
Conc: 9.50 ng/ml



#42 AR-1268-2

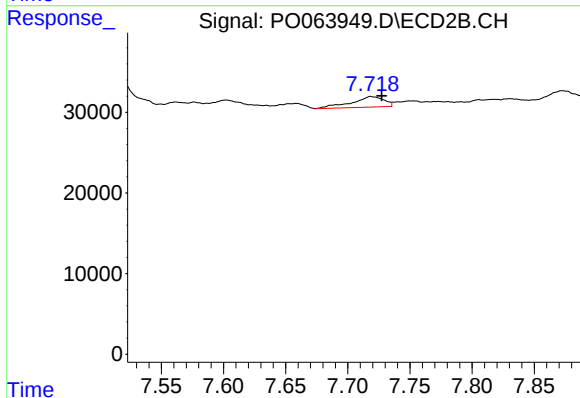
R.T.: 7.511 min
Delta R.T.: -0.009 min
Response: 80463
Conc: 16.15 ng/ml



#43 AR-1268-3

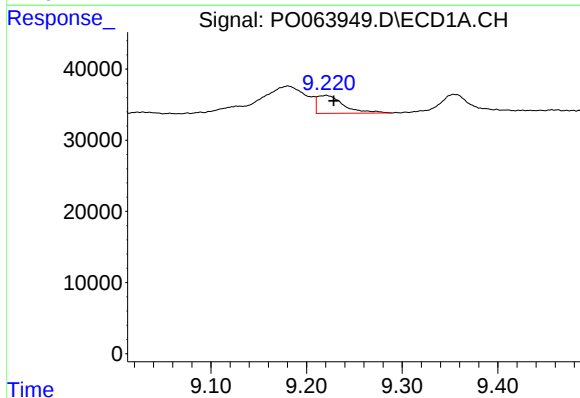
R.T.: 0.000 min
Exp R.T.: 8.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
13CRE



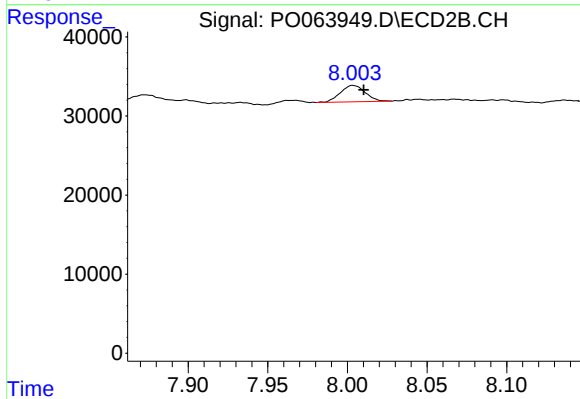
#43 AR-1268-3

R.T.: 7.719 min
Delta R.T.: -0.009 min
Response: 23801
Conc: 6.00 ng/ml



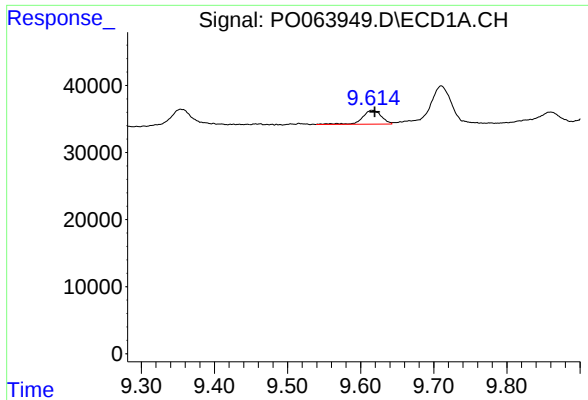
#44 AR-1268-4

R.T.: 9.221 min
Delta R.T.: -0.008 min
Response: 47788
Conc: 19.66 ng/ml



#44 AR-1268-4

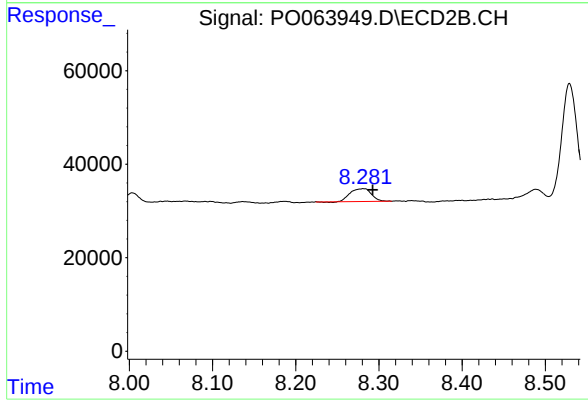
R.T.: 8.004 min
Delta R.T.: -0.007 min
Response: 22533
Conc: 13.30 ng/ml



#45 AR-1268-5

R.T.: 9.616 min
Delta R.T.: -0.004 min
Response: 37826
Conc: 2.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
13CRE



#45 AR-1268-5

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 48815
Conc: 4.13 ng/ml