

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040519\
 Data File : P0054992.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Apr 2019 21:15
 Operator : SM/SJ
 Sample : K1560-07
 Misc : AR1660 LOD 25PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 04:01:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 17:22:26 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...	4.297	3.609	864013	762252	24.896	23.886
2)	SA Decachlor...	9.909	8.577	1038581	723356	21.068	22.713
Target Compounds							
3)	L1 AR-1016-1	5.458	4.706	66801	76400	37.123	48.312 #
4)	L1 AR-1016-2	5.480	4.706	90209	76400	36.321	35.656
5)	L1 AR-1016-3	5.542	4.881	62867	42428	39.960	35.116
6)	L1 AR-1016-4	5.640	4.921	47762	35065	36.653	34.700
7)	L1 AR-1016-5	5.933	5.133	50800	35616	38.073	27.325 #
9)	L2 AR-1221-2	4.668	3.907	32954	17212	97.174	57.414 #
10)	L2 AR-1221-3	4.668	3.983	32954	27323	31.723	29.641
11)	L3 AR-1232-1	4.668	3.983	32954	27323	38.275	36.435
12)	L3 AR-1232-2	5.193	4.706	45823	76400	93.681	88.724
13)	L3 AR-1232-3	5.480	4.881	90209	42428	92.304	87.560
14)	L3 AR-1232-4	5.640	4.994	47762	14090	93.311	32.066 #
15)	L3 AR-1232-5	5.730	5.133	42024	35616	101.021	73.229 #
16)	L4 AR-1242-1	5.458	4.706	66801	76400	48.083	62.230 #
17)	L4 AR-1242-2	5.480	4.706	90209	76400	47.144	46.102
18)	L4 AR-1242-3	5.542	4.881	62867	42428	50.722	44.787
19)	L4 AR-1242-4	5.640	4.963	47762	42530	46.846	44.498
20)	L4 AR-1242-5	0.000	5.483	0	47748	N.D.	38.823 #
21)	L5 AR-1248-1	5.458	4.706	66801	76400	66.822	87.039 #
22)	L5 AR-1248-2	5.730	4.921	42024	35065	28.936	29.014
23)	L5 AR-1248-3	5.933	4.963	50800	42530	31.806	34.084
24)	L5 AR-1248-4	6.307	5.133	26451	35616	14.080	23.386 #
25)	L5 AR-1248-5	0.000	5.523	0	11390	N.D.	7.640 #
26)	L6 AR-1254-1	6.307	5.483	26451	47748	14.588	21.848 #
27)	L6 AR-1254-2	6.524	5.628	44745	35105	15.674	18.105
28)	L6 AR-1254-3	6.890	6.045	26525	68698	8.435	21.430 #
29)	L6 AR-1254-4	0.000	6.286	0	21729	N.D.	11.098 #
30)	L6 AR-1254-5	7.590	6.710	122572	93480	45.731	32.518 #
31)	L7 AR-1260-1	7.052	6.159	111343	99602	44.313	43.341
32)	L7 AR-1260-2	7.308	6.346	130017	121771	41.893	44.236
33)	L7 AR-1260-3	7.665	6.500	86074	108825	35.070	42.214
34)	L7 AR-1260-4	7.890	6.968	102743	82832	37.145	38.922
35)	L7 AR-1260-5	8.198	7.208	176954	169450	31.892	35.381
36)	L8 AR-1262-1	7.665	6.710	86074	93480	25.832	31.422
37)	L8 AR-1262-2	8.198	7.208	176954	169450	29.869	34.573
38)	L8 AR-1262-3	8.510	7.489	114963	40968	27.750	19.951 #
39)	L8 AR-1262-4	8.564	7.553	70777	122430	21.967	33.801 #
40)	L8 AR-1262-5	9.204	8.045	45143	39096	20.648	24.225
41)	L9 AR-1268-1	8.510	7.489	114963	40968	16.152	7.246 #
42)	L9 AR-1268-2	8.564	7.553	70777	122430	10.802	23.674 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040519\
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Acq On : 05 Apr 2019 21:15
Operator : SM/SJ
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Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 04:01:31 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 17:22:26 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

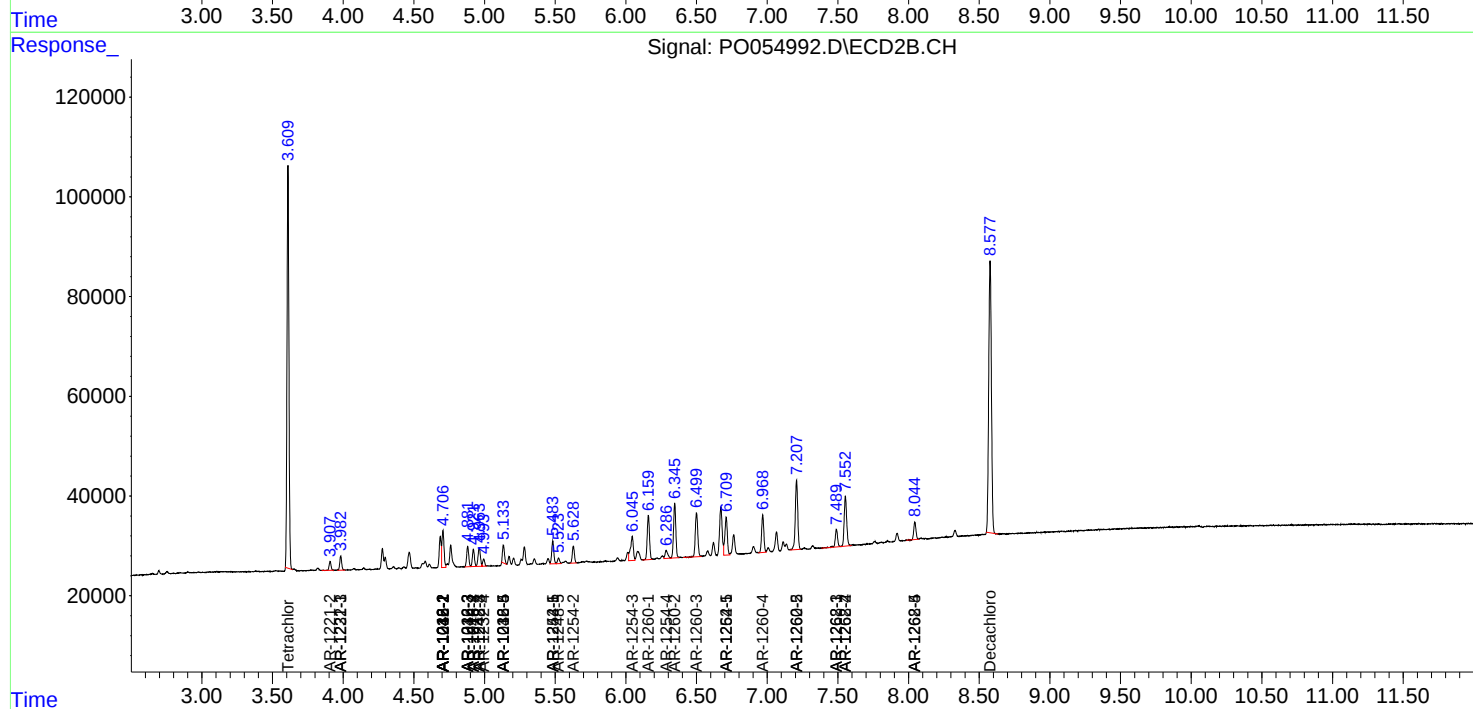
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

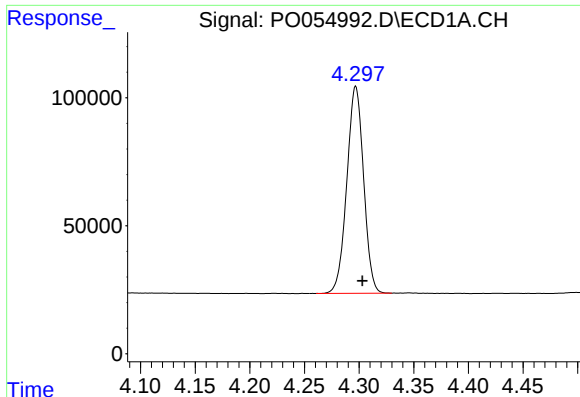
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	9.204	8.045	45143	39096	18.921	21.089

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

Instrument :
ECD_O
ClientSampleId :

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

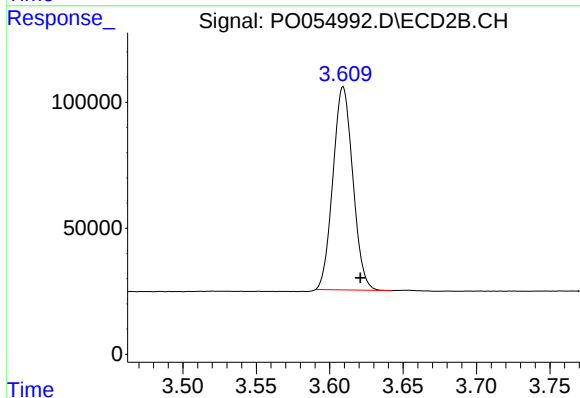




#1 Tetrachloro-m-xylene

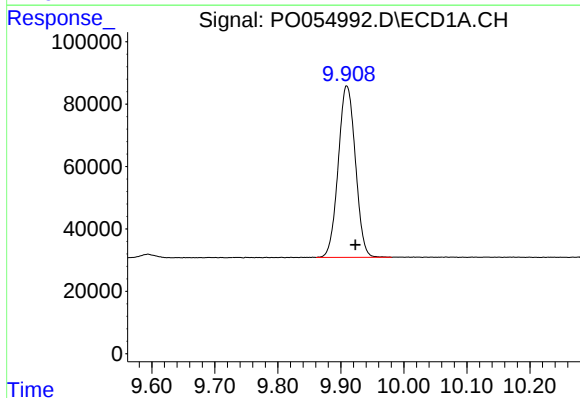
R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 864013
Conc: 24.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



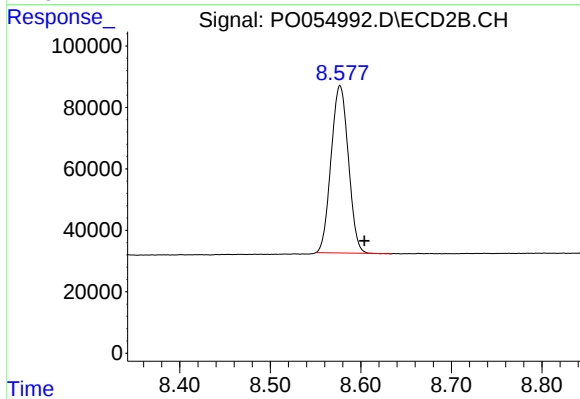
#1 Tetrachloro-m-xylene

R.T.: 3.609 min
Delta R.T.: -0.012 min
Response: 762252
Conc: 23.89 ng/ml



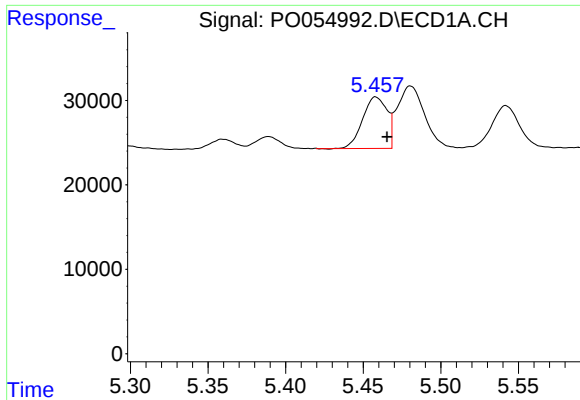
#2 Decachlorobiphenyl

R.T.: 9.909 min
Delta R.T.: -0.014 min
Response: 1038581
Conc: 21.07 ng/ml



#2 Decachlorobiphenyl

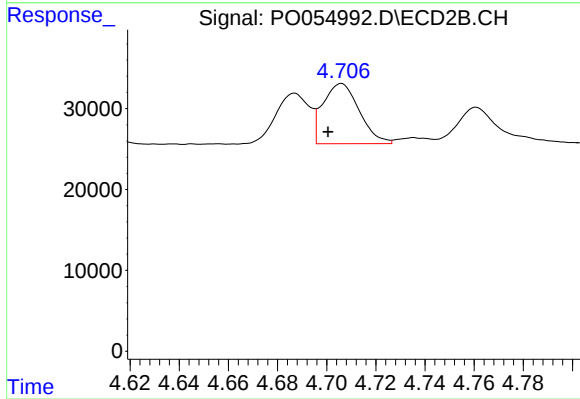
R.T.: 8.577 min
Delta R.T.: -0.027 min
Response: 723356
Conc: 22.71 ng/ml



#3 AR-1016-1

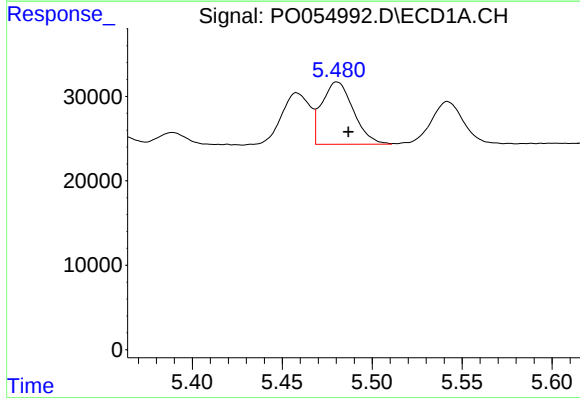
R.T.: 5.458 min
Delta R.T.: -0.007 min
Response: 66801
Conc: 37.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



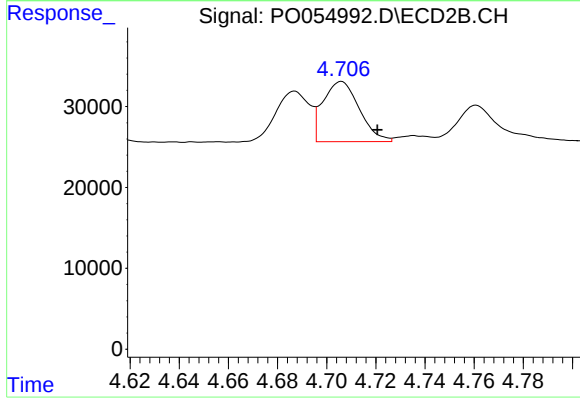
#3 AR-1016-1

R.T.: 4.706 min
Delta R.T.: 0.005 min
Response: 76400
Conc: 48.31 ng/ml



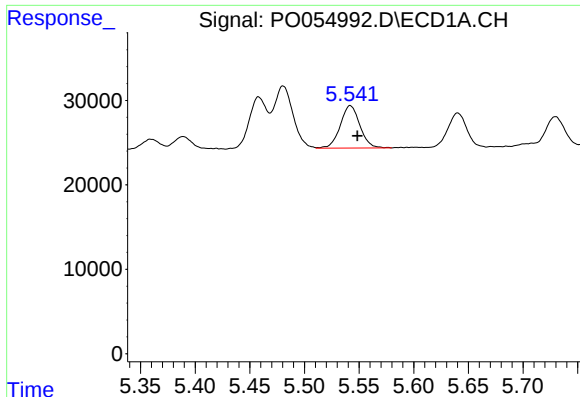
#4 AR-1016-2

R.T.: 5.480 min
Delta R.T.: -0.006 min
Response: 90209
Conc: 36.32 ng/ml



#4 AR-1016-2

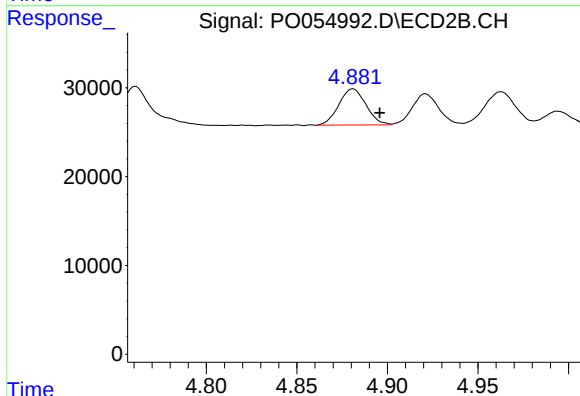
R.T.: 4.706 min
Delta R.T.: -0.015 min
Response: 76400
Conc: 35.66 ng/ml



#5 AR-1016-3

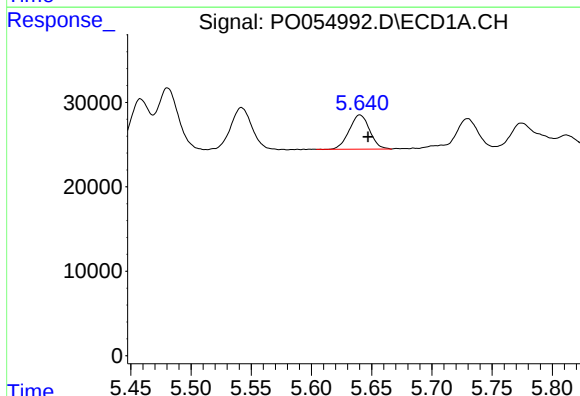
R.T.: 5.542 min
Delta R.T.: -0.007 min
Response: 62867
Conc: 39.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



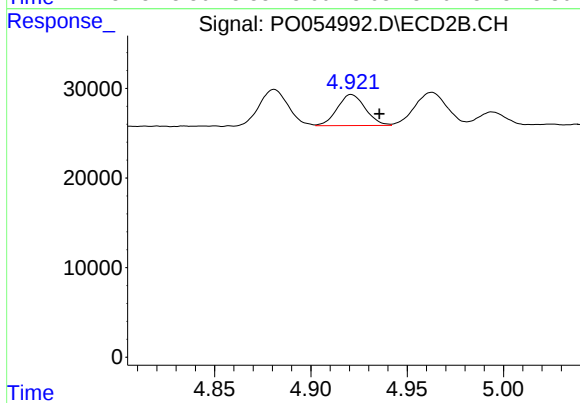
#5 AR-1016-3

R.T.: 4.881 min
Delta R.T.: -0.015 min
Response: 42428
Conc: 35.12 ng/ml



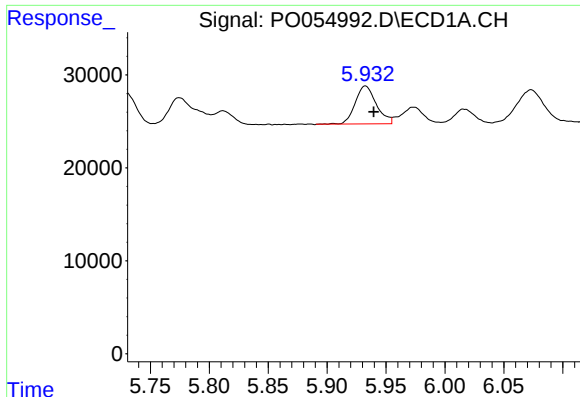
#6 AR-1016-4

R.T.: 5.640 min
Delta R.T.: -0.007 min
Response: 47762
Conc: 36.65 ng/ml



#6 AR-1016-4

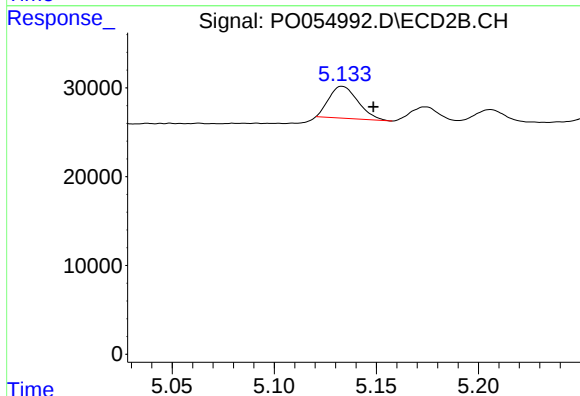
R.T.: 4.921 min
Delta R.T.: -0.015 min
Response: 35065
Conc: 34.70 ng/ml



#7 AR-1016-5

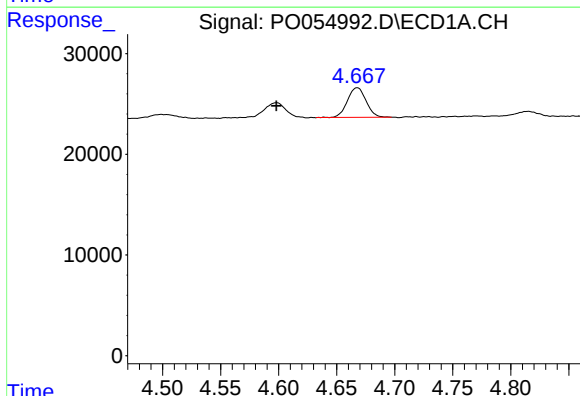
R.T.: 5.933 min
Delta R.T.: -0.007 min
Response: 50800
Conc: 38.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



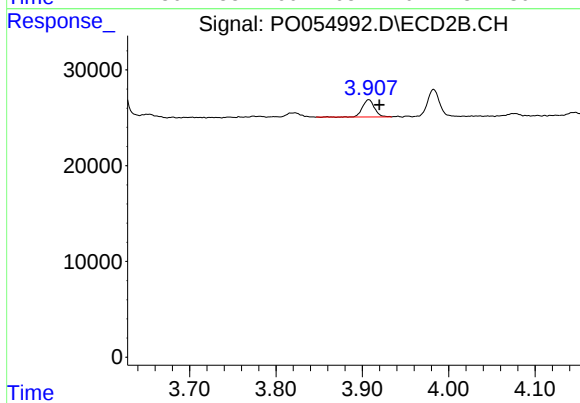
#7 AR-1016-5

R.T.: 5.133 min
Delta R.T.: -0.015 min
Response: 35616
Conc: 27.33 ng/ml



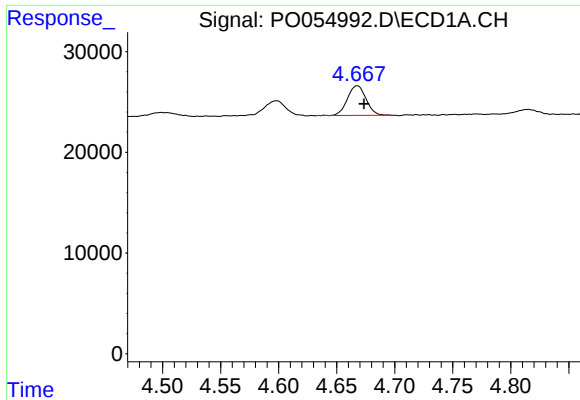
#9 AR-1221-2

R.T.: 4.668 min
Delta R.T.: 0.070 min
Response: 32954
Conc: 97.17 ng/ml



#9 AR-1221-2

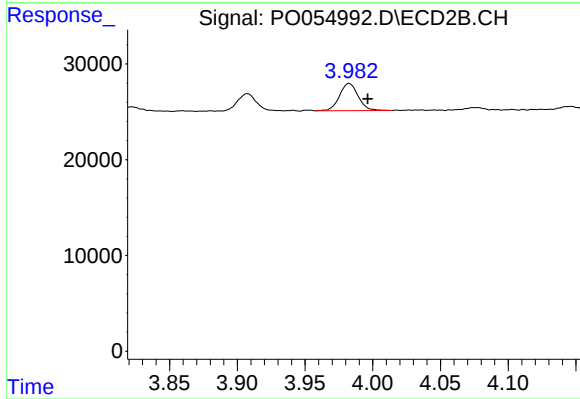
R.T.: 3.907 min
Delta R.T.: -0.012 min
Response: 17212
Conc: 57.41 ng/ml



#10 AR-1221-3

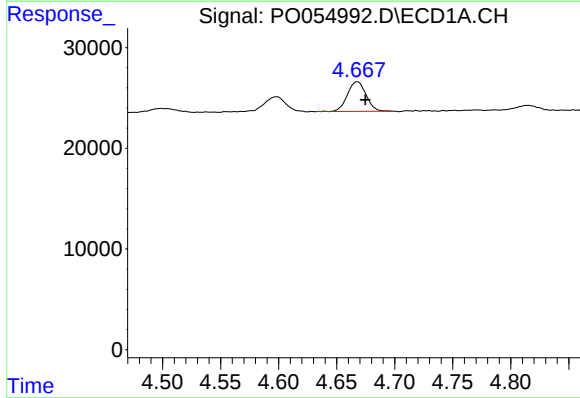
R.T.: 4.668 min
Delta R.T.: -0.006 min
Response: 32954
Conc: 31.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



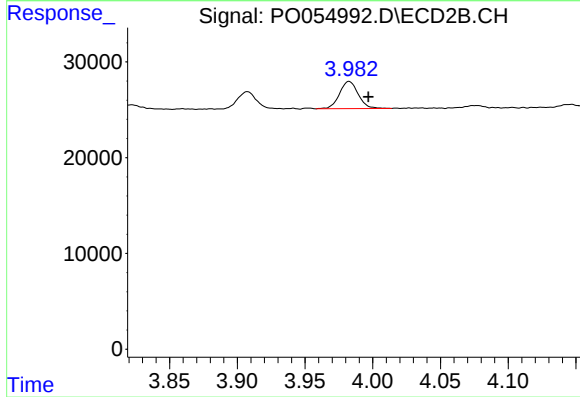
#10 AR-1221-3

R.T.: 3.983 min
Delta R.T.: -0.014 min
Response: 27323
Conc: 29.64 ng/ml



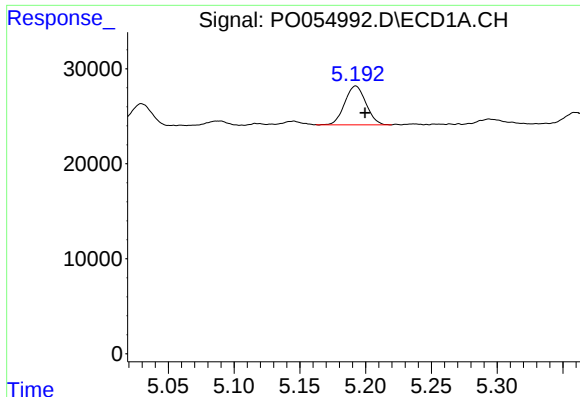
#11 AR-1232-1

R.T.: 4.668 min
Delta R.T.: -0.007 min
Response: 32954
Conc: 38.28 ng/ml



#11 AR-1232-1

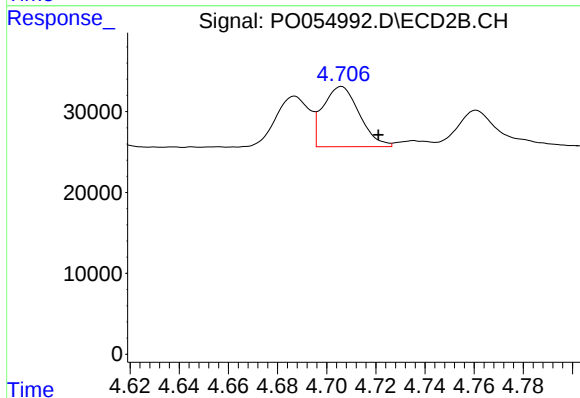
R.T.: 3.983 min
Delta R.T.: -0.014 min
Response: 27323
Conc: 36.44 ng/ml



#12 AR-1232-2

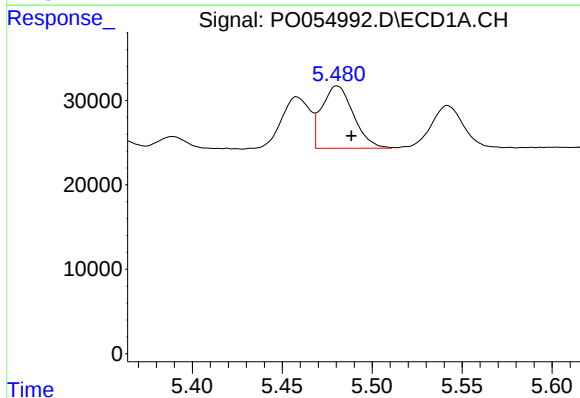
R.T.: 5.193 min
Delta R.T.: -0.007 min
Response: 45823
Conc: 93.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



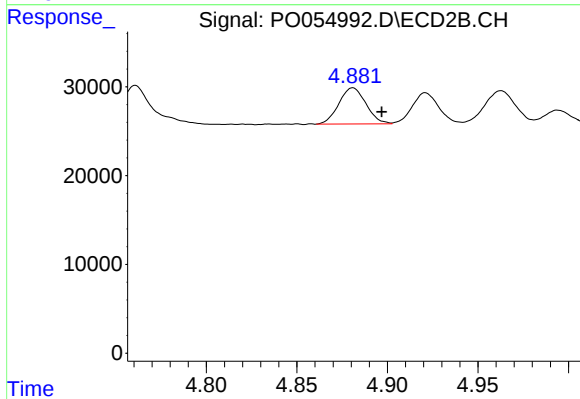
#12 AR-1232-2

R.T.: 4.706 min
Delta R.T.: -0.015 min
Response: 76400
Conc: 88.72 ng/ml



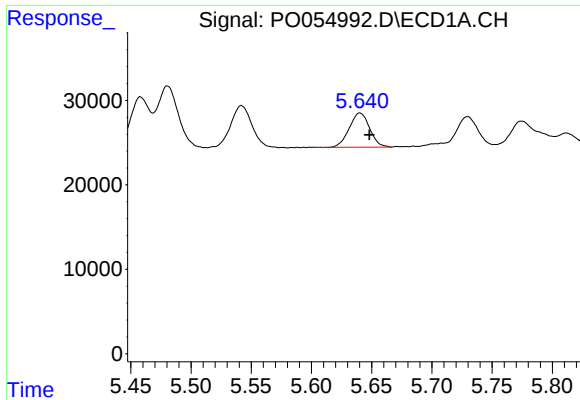
#13 AR-1232-3

R.T.: 5.480 min
Delta R.T.: -0.008 min
Response: 90209
Conc: 92.30 ng/ml



#13 AR-1232-3

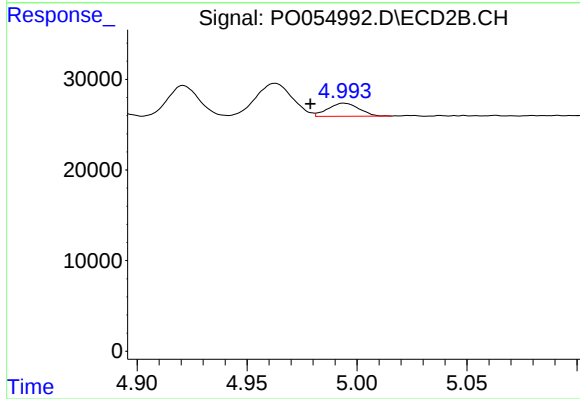
R.T.: 4.881 min
Delta R.T.: -0.016 min
Response: 42428
Conc: 87.56 ng/ml



#14 AR-1232-4

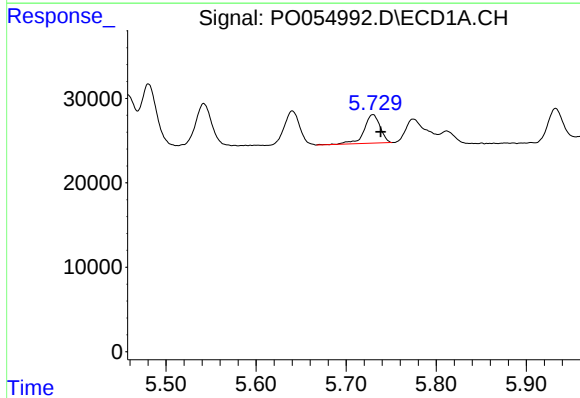
R.T.: 5.640 min
Delta R.T.: -0.008 min
Response: 47762
Conc: 93.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



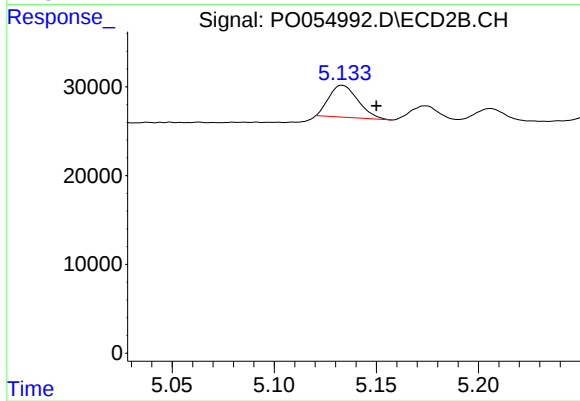
#14 AR-1232-4

R.T.: 4.994 min
Delta R.T.: 0.015 min
Response: 14090
Conc: 32.07 ng/ml



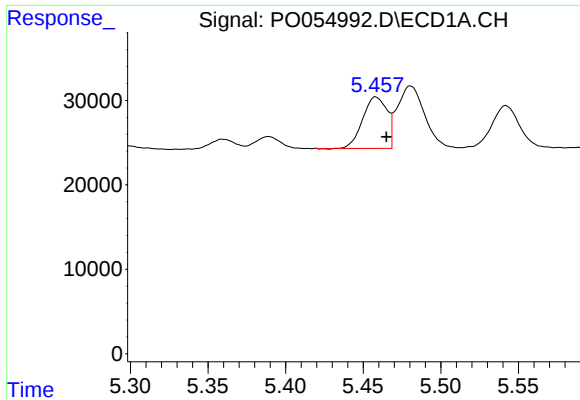
#15 AR-1232-5

R.T.: 5.730 min
Delta R.T.: -0.008 min
Response: 42024
Conc: 101.02 ng/ml



#15 AR-1232-5

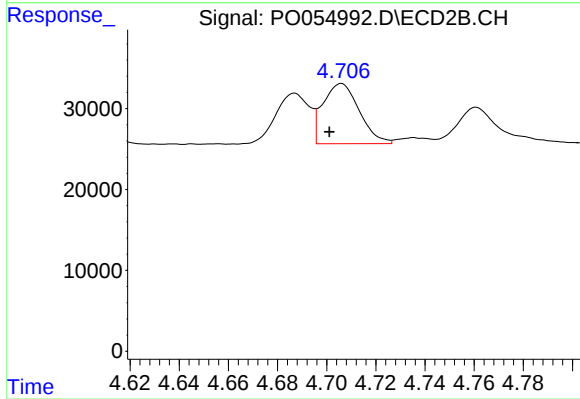
R.T.: 5.133 min
Delta R.T.: -0.017 min
Response: 35616
Conc: 73.23 ng/ml



#16 AR-1242-1

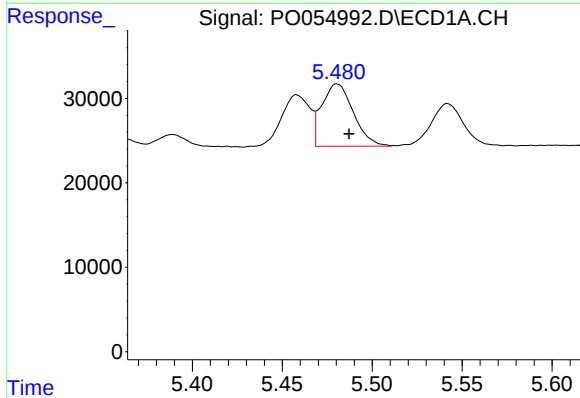
R.T.: 5.458 min
Delta R.T.: -0.007 min
Response: 66801
Conc: 48.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



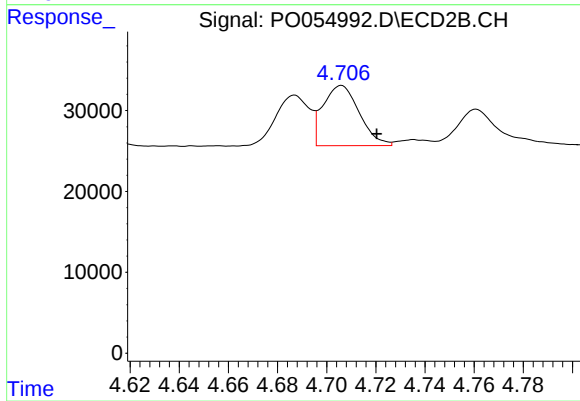
#16 AR-1242-1

R.T.: 4.706 min
Delta R.T.: 0.005 min
Response: 76400
Conc: 62.23 ng/ml



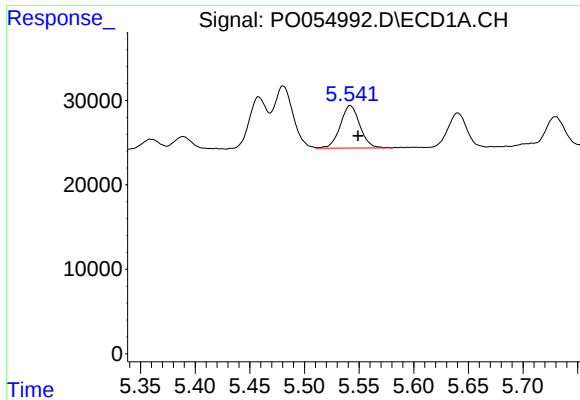
#17 AR-1242-2

R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 90209
Conc: 47.14 ng/ml



#17 AR-1242-2

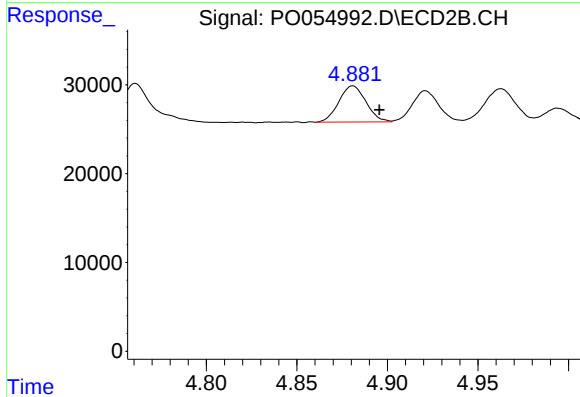
R.T.: 4.706 min
Delta R.T.: -0.014 min
Response: 76400
Conc: 46.10 ng/ml



#18 AR-1242-3

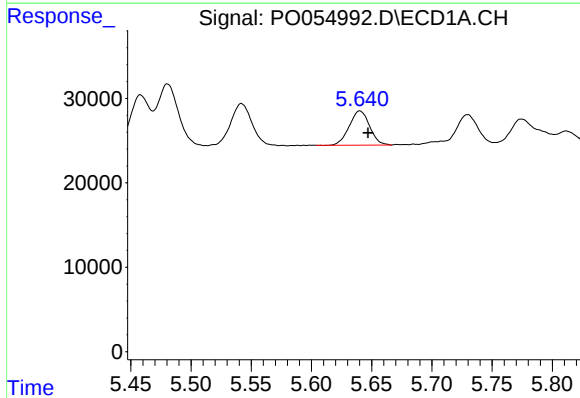
R.T.: 5.542 min
Delta R.T.: -0.007 min
Response: 62867
Conc: 50.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



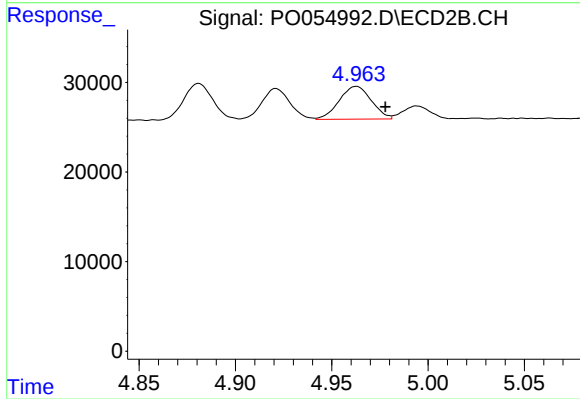
#18 AR-1242-3

R.T.: 4.881 min
Delta R.T.: -0.015 min
Response: 42428
Conc: 44.79 ng/ml



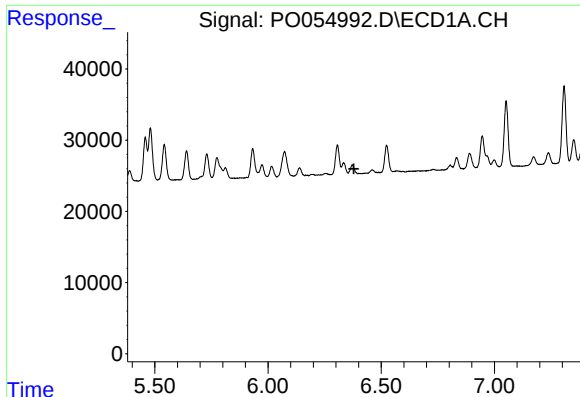
#19 AR-1242-4

R.T.: 5.640 min
Delta R.T.: -0.007 min
Response: 47762
Conc: 46.85 ng/ml



#19 AR-1242-4

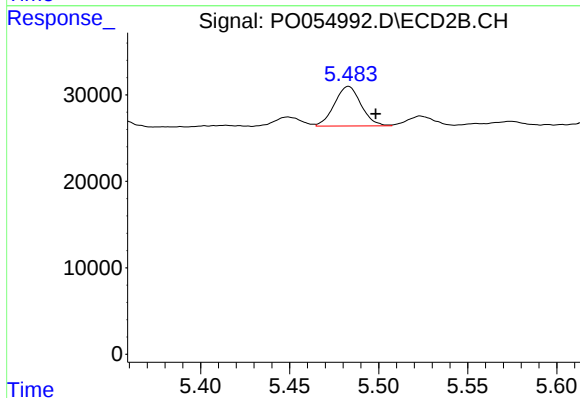
R.T.: 4.963 min
Delta R.T.: -0.015 min
Response: 42530
Conc: 44.50 ng/ml



#20 AR-1242-5

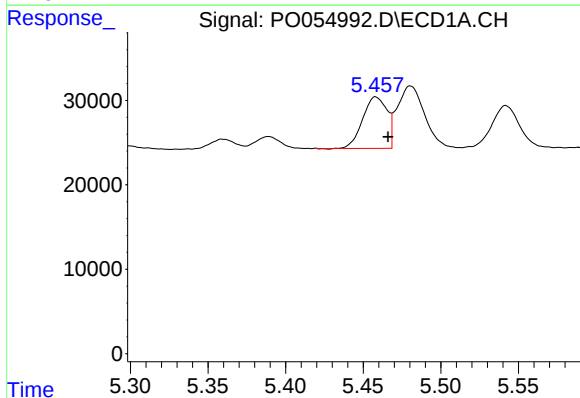
R.T.: 0.000 min
Exp R.T.: 6.379 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



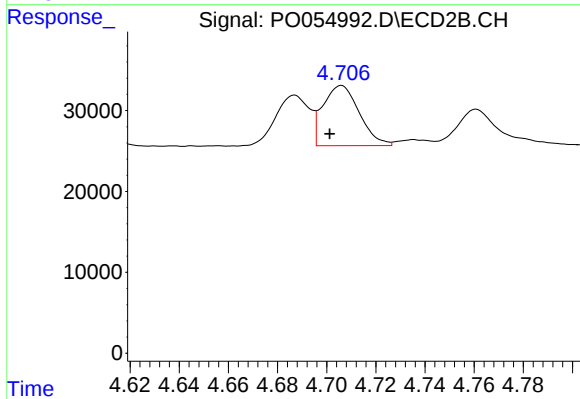
#20 AR-1242-5

R.T.: 5.483 min
Delta R.T.: -0.015 min
Response: 47748
Conc: 38.82 ng/ml



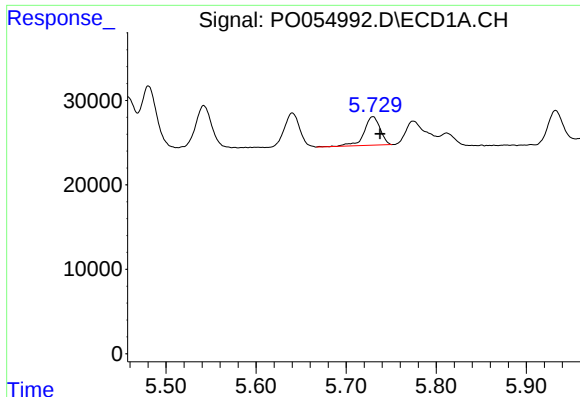
#21 AR-1248-1

R.T.: 5.458 min
Delta R.T.: -0.008 min
Response: 66801
Conc: 66.82 ng/ml



#21 AR-1248-1

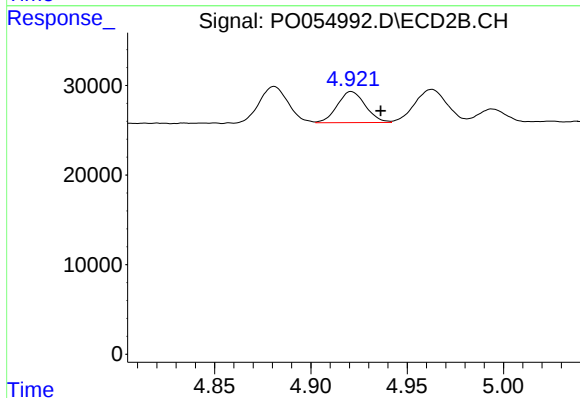
R.T.: 4.706 min
Delta R.T.: 0.005 min
Response: 76400
Conc: 87.04 ng/ml



#22 AR-1248-2

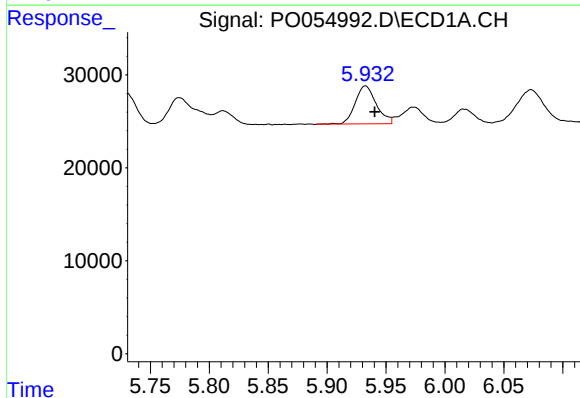
R.T.: 5.730 min
Delta R.T.: -0.008 min
Response: 42024
Conc: 28.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



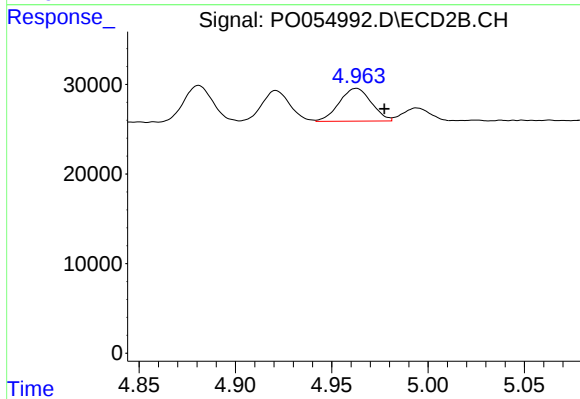
#22 AR-1248-2

R.T.: 4.921 min
Delta R.T.: -0.015 min
Response: 35065
Conc: 29.01 ng/ml



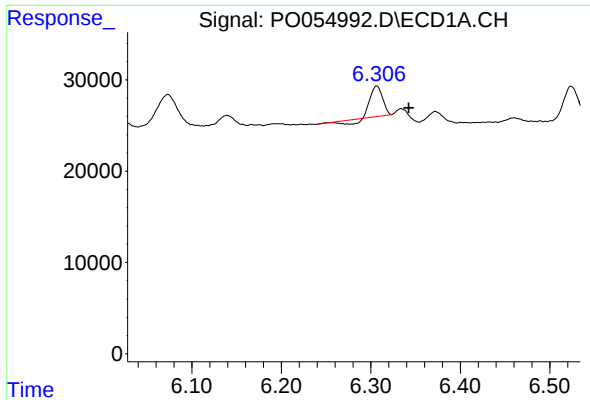
#23 AR-1248-3

R.T.: 5.933 min
Delta R.T.: -0.008 min
Response: 50800
Conc: 31.81 ng/ml



#23 AR-1248-3

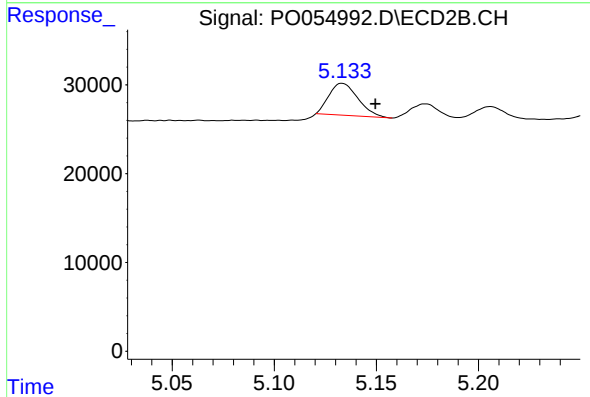
R.T.: 4.963 min
Delta R.T.: -0.014 min
Response: 42530
Conc: 34.08 ng/ml



#24 AR-1248-4

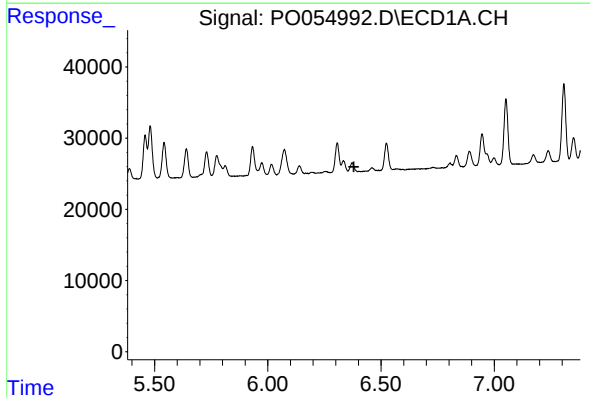
R.T.: 6.307 min
Delta R.T.: -0.036 min
Response: 26451
Conc: 14.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



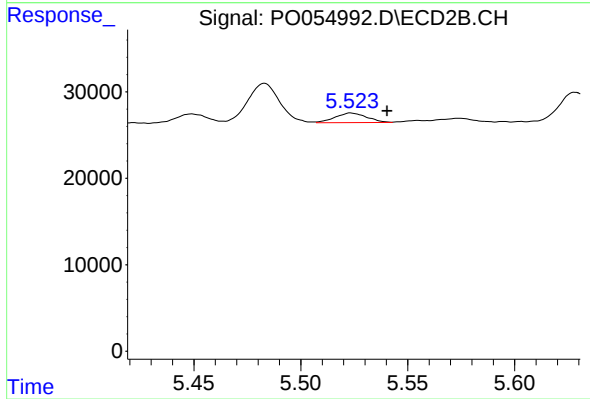
#24 AR-1248-4

R.T.: 5.133 min
Delta R.T.: -0.016 min
Response: 35616
Conc: 23.39 ng/ml



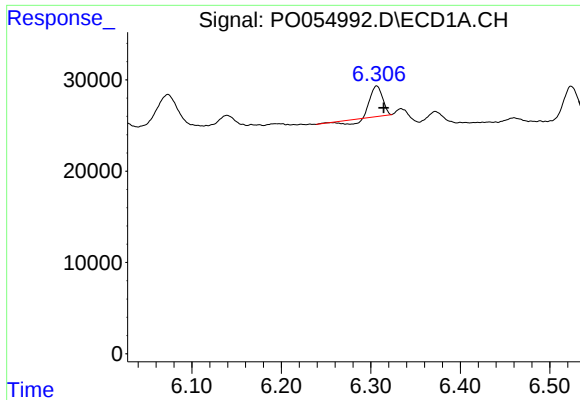
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.380 min
Response: 0
Conc: N.D.



#25 AR-1248-5

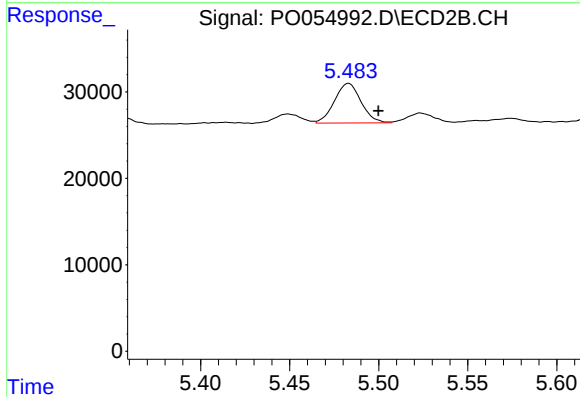
R.T.: 5.523 min
Delta R.T.: -0.017 min
Response: 11390
Conc: 7.64 ng/ml



#26 AR-1254-1

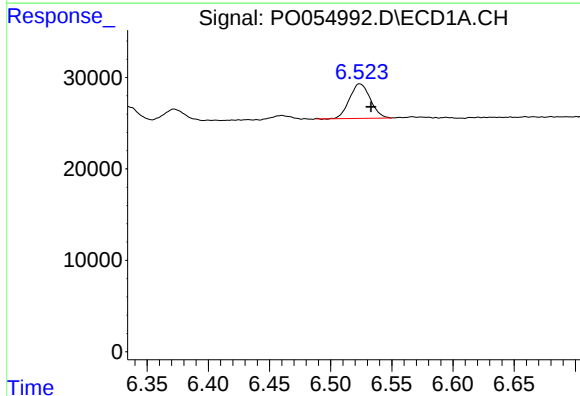
R.T.: 6.307 min
Delta R.T.: -0.008 min
Response: 26451
Conc: 14.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



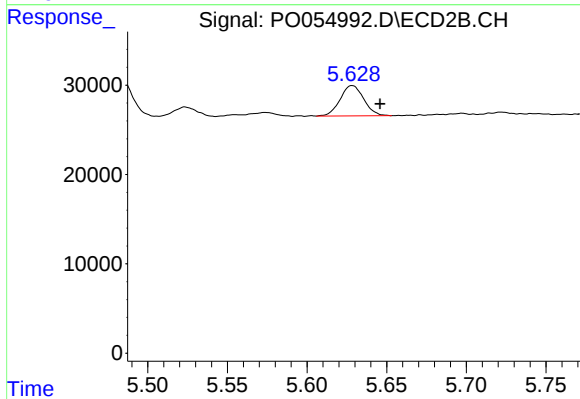
#26 AR-1254-1

R.T.: 5.483 min
Delta R.T.: -0.017 min
Response: 47748
Conc: 21.85 ng/ml



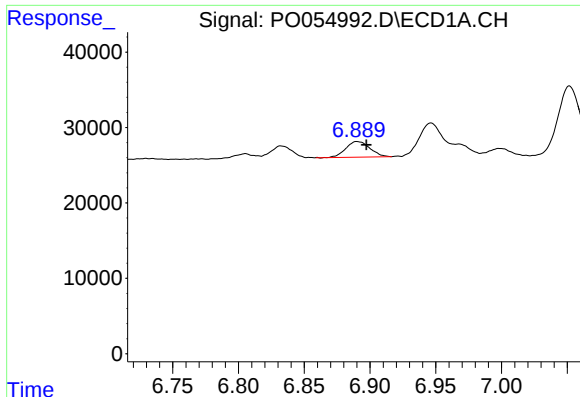
#27 AR-1254-2

R.T.: 6.524 min
Delta R.T.: -0.009 min
Response: 44745
Conc: 15.67 ng/ml



#27 AR-1254-2

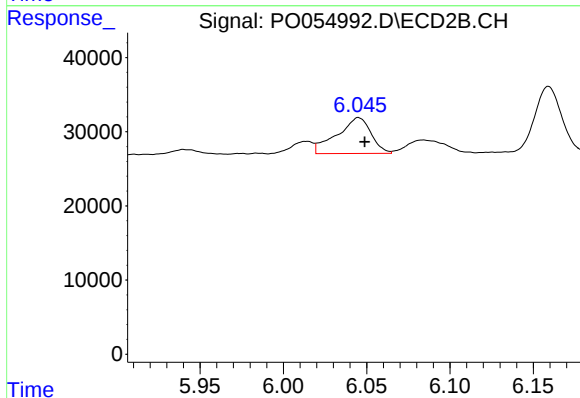
R.T.: 5.628 min
Delta R.T.: -0.017 min
Response: 35105
Conc: 18.11 ng/ml



#28 AR-1254-3

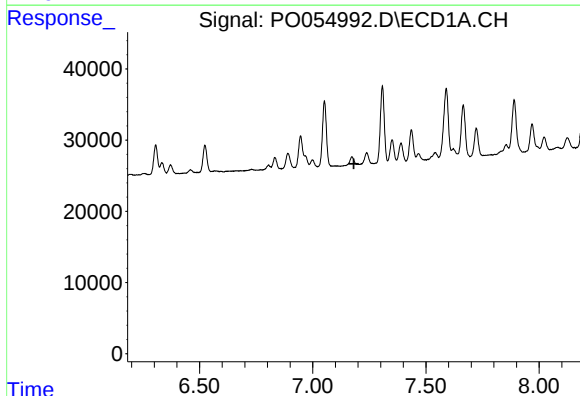
R.T.: 6.890 min
Delta R.T.: -0.007 min
Response: 26525
Conc: 8.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



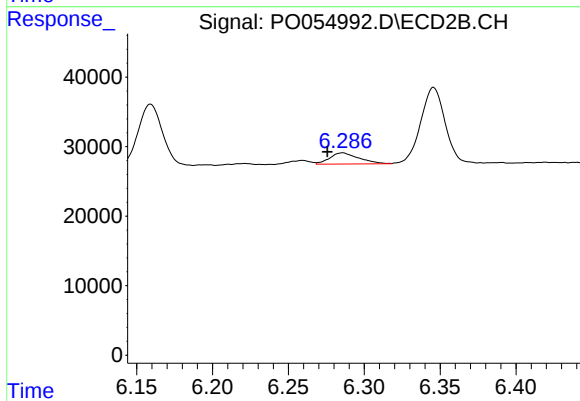
#28 AR-1254-3

R.T.: 6.045 min
Delta R.T.: -0.004 min
Response: 68698
Conc: 21.43 ng/ml



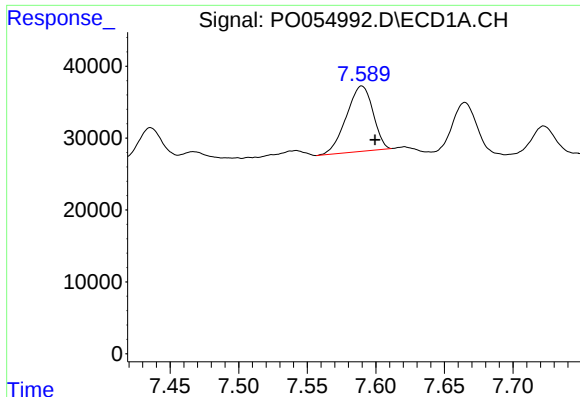
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.182 min
Response: 0
Conc: N.D.



#29 AR-1254-4

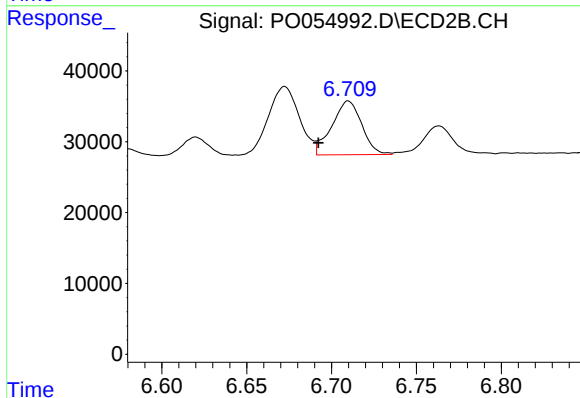
R.T.: 6.286 min
Delta R.T.: 0.010 min
Response: 21729
Conc: 11.10 ng/ml



#30 AR-1254-5

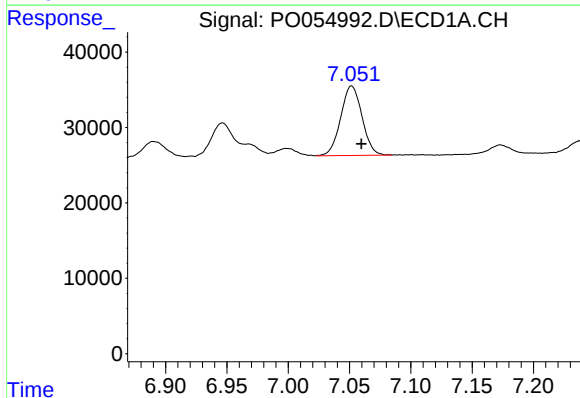
R.T.: 7.590 min
Delta R.T.: -0.010 min
Response: 122572
Conc: 45.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



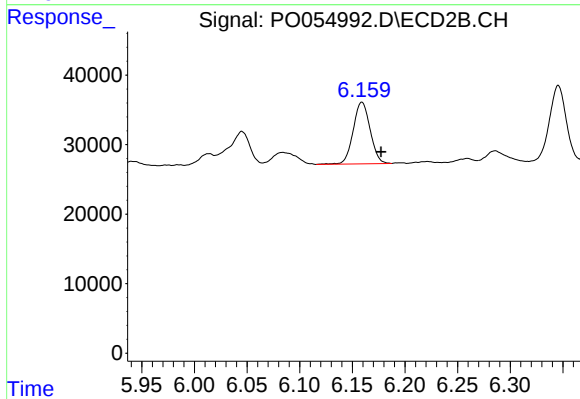
#30 AR-1254-5

R.T.: 6.710 min
Delta R.T.: 0.018 min
Response: 93480
Conc: 32.52 ng/ml



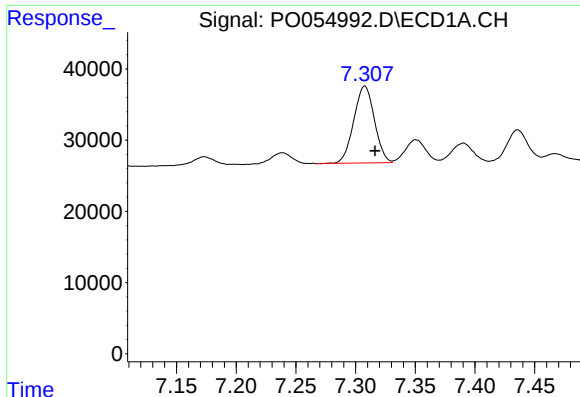
#31 AR-1260-1

R.T.: 7.052 min
Delta R.T.: -0.008 min
Response: 111343
Conc: 44.31 ng/ml



#31 AR-1260-1

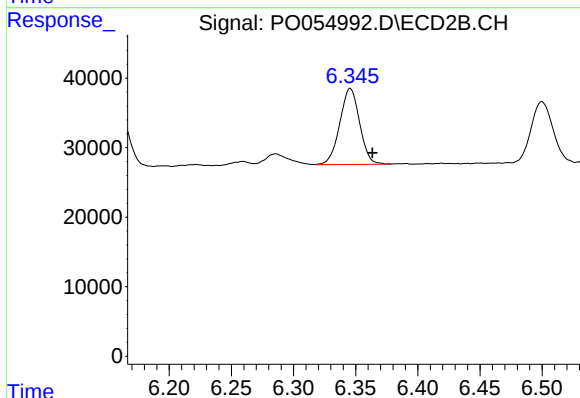
R.T.: 6.159 min
Delta R.T.: -0.018 min
Response: 99602
Conc: 43.34 ng/ml



#32 AR-1260-2

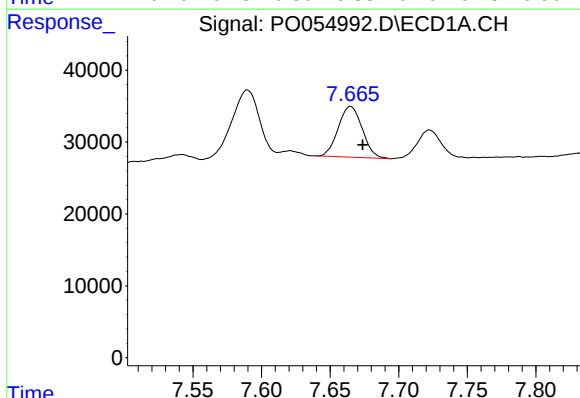
R.T.: 7.308 min
Delta R.T.: -0.009 min
Response: 130017
Conc: 41.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



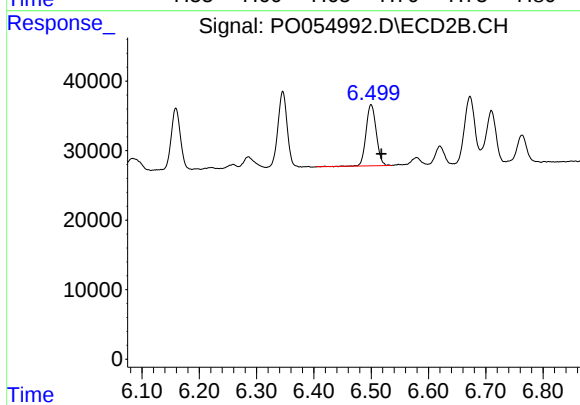
#32 AR-1260-2

R.T.: 6.346 min
Delta R.T.: -0.018 min
Response: 121771
Conc: 44.24 ng/ml



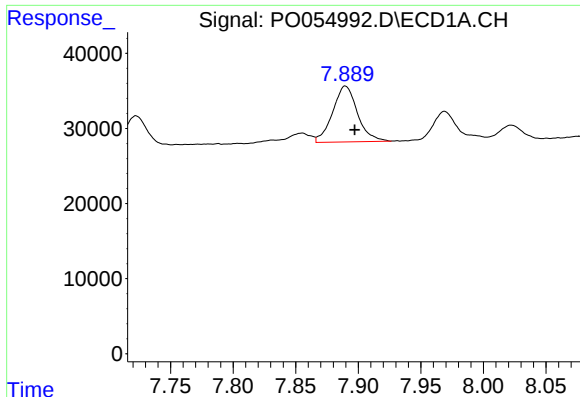
#33 AR-1260-3

R.T.: 7.665 min
Delta R.T.: -0.009 min
Response: 86074
Conc: 35.07 ng/ml



#33 AR-1260-3

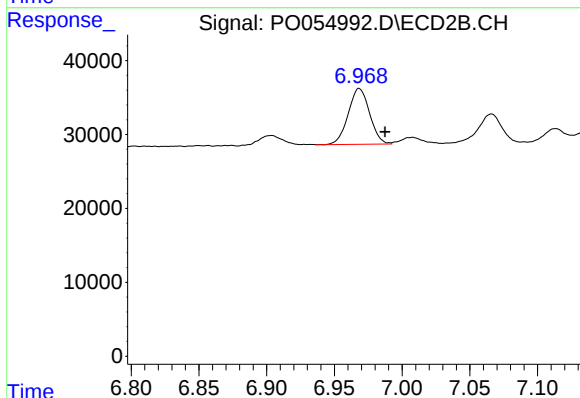
R.T.: 6.500 min
Delta R.T.: -0.018 min
Response: 108825
Conc: 42.21 ng/ml



#34 AR-1260-4

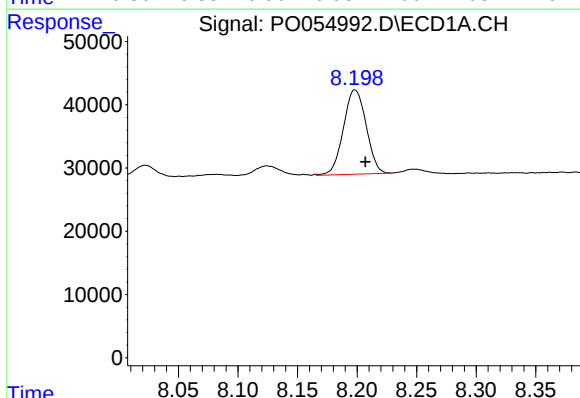
R.T.: 7.890 min
Delta R.T.: -0.008 min
Response: 102743
Conc: 37.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



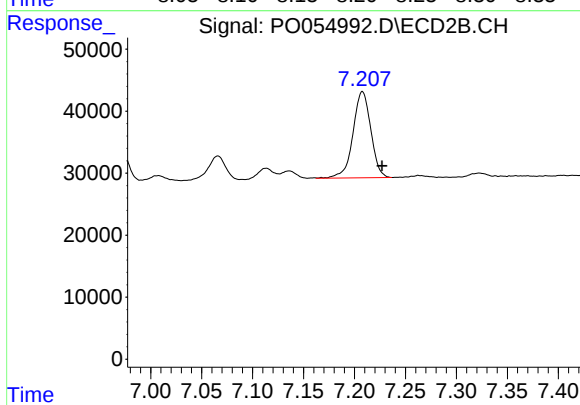
#34 AR-1260-4

R.T.: 6.968 min
Delta R.T.: -0.019 min
Response: 82832
Conc: 38.92 ng/ml



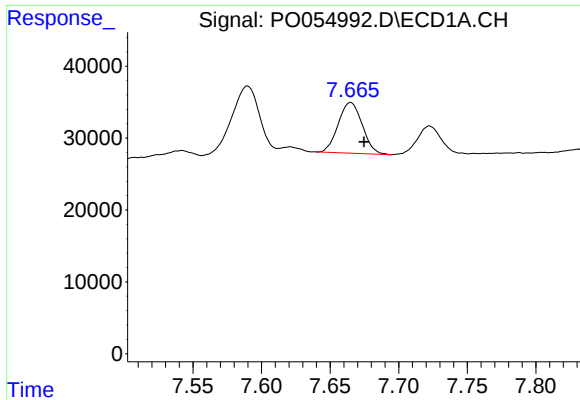
#35 AR-1260-5

R.T.: 8.198 min
Delta R.T.: -0.009 min
Response: 176954
Conc: 31.89 ng/ml



#35 AR-1260-5

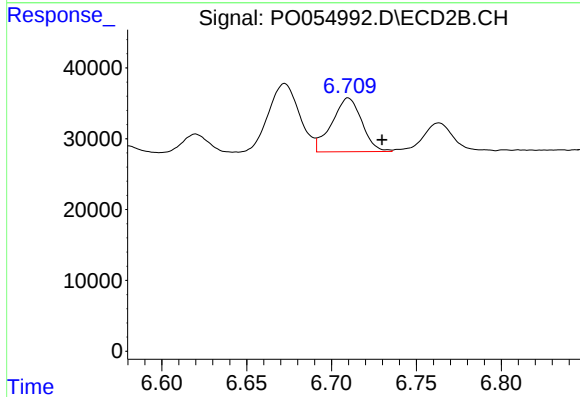
R.T.: 7.208 min
Delta R.T.: -0.019 min
Response: 169450
Conc: 35.38 ng/ml



#36 AR-1262-1

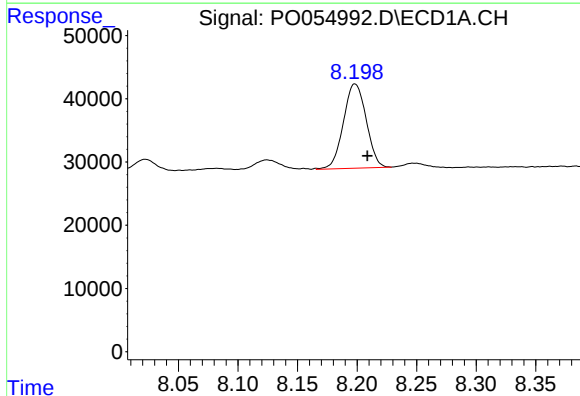
R.T.: 7.665 min
Delta R.T.: -0.010 min
Response: 86074
Conc: 25.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



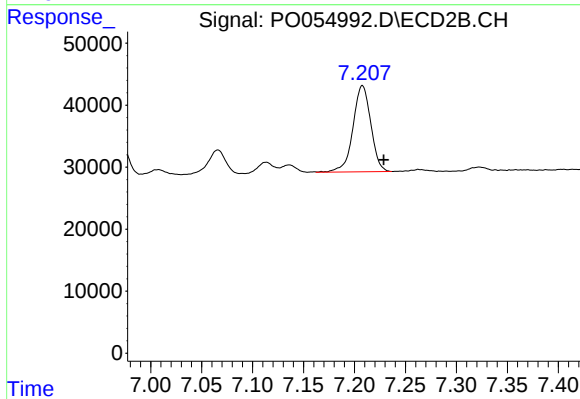
#36 AR-1262-1

R.T.: 6.710 min
Delta R.T.: -0.020 min
Response: 93480
Conc: 31.42 ng/ml



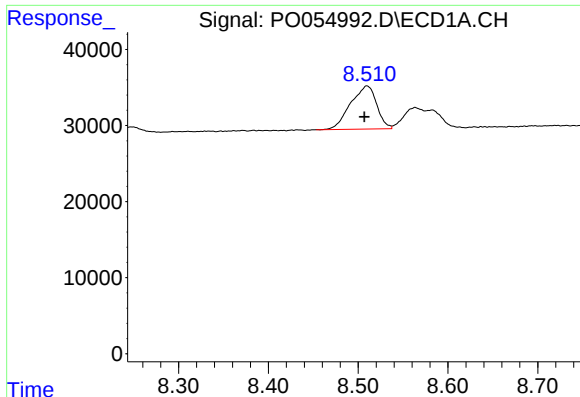
#37 AR-1262-2

R.T.: 8.198 min
Delta R.T.: -0.010 min
Response: 176954
Conc: 29.87 ng/ml



#37 AR-1262-2

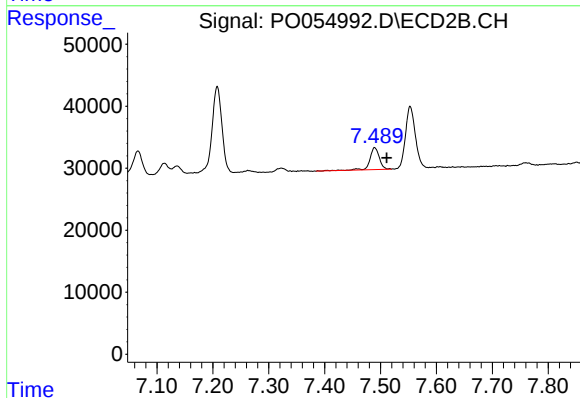
R.T.: 7.208 min
Delta R.T.: -0.021 min
Response: 169450
Conc: 34.57 ng/ml



#38 AR-1262-3

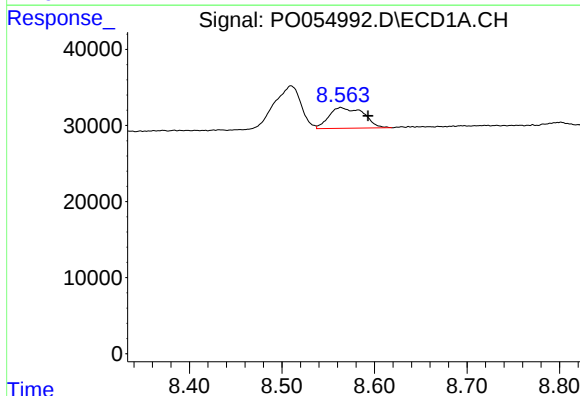
R.T.: 8.510 min
Delta R.T.: 0.003 min
Response: 114963
Conc: 27.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



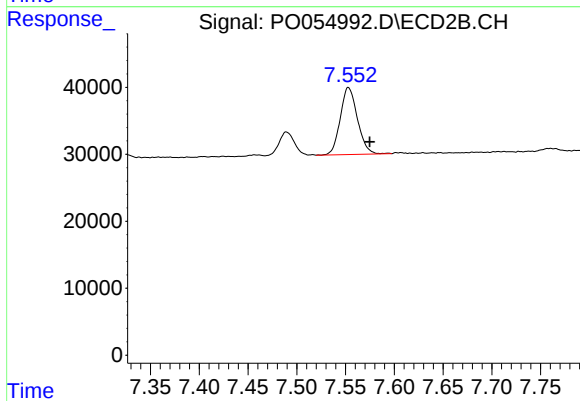
#38 AR-1262-3

R.T.: 7.489 min
Delta R.T.: -0.022 min
Response: 40968
Conc: 19.95 ng/ml



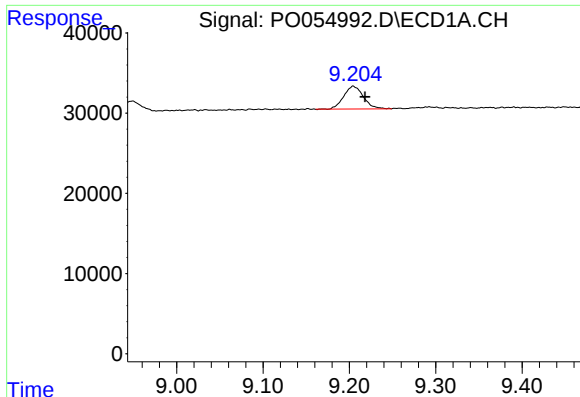
#39 AR-1262-4

R.T.: 8.564 min
Delta R.T.: -0.029 min
Response: 70777
Conc: 21.97 ng/ml



#39 AR-1262-4

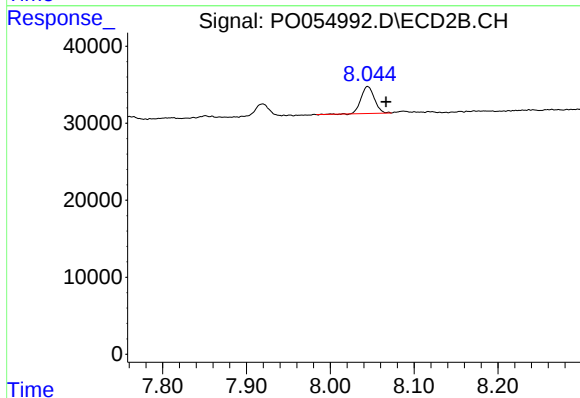
R.T.: 7.553 min
Delta R.T.: -0.022 min
Response: 122430
Conc: 33.80 ng/ml



#40 AR-1262-5

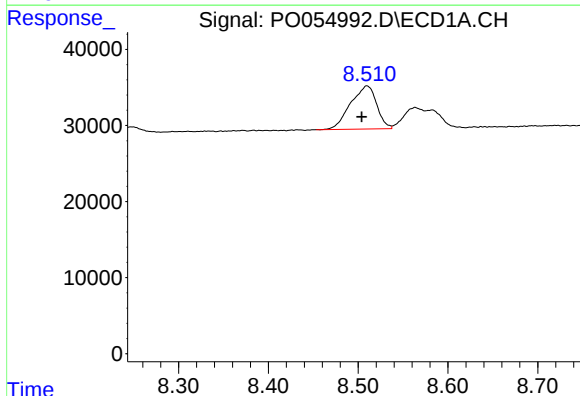
R.T.: 9.204 min
Delta R.T.: -0.014 min
Response: 45143
Conc: 20.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



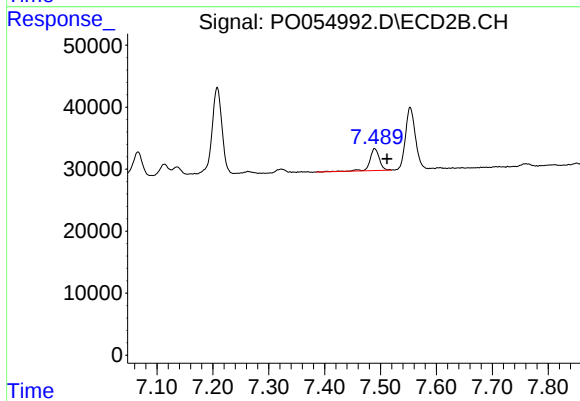
#40 AR-1262-5

R.T.: 8.045 min
Delta R.T.: -0.022 min
Response: 39096
Conc: 24.22 ng/ml



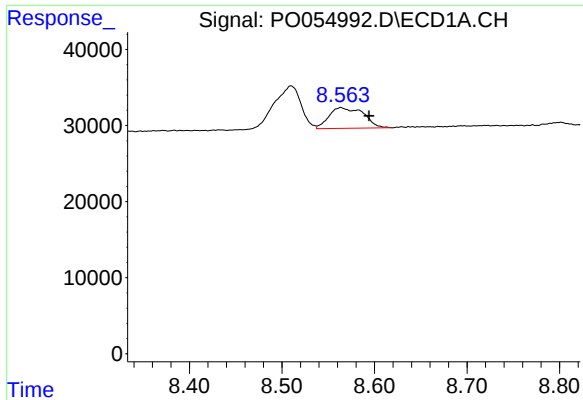
#41 AR-1268-1

R.T.: 8.510 min
Delta R.T.: 0.006 min
Response: 114963
Conc: 16.15 ng/ml



#41 AR-1268-1

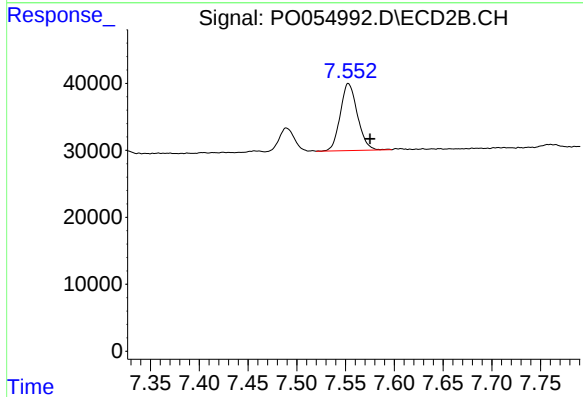
R.T.: 7.489 min
Delta R.T.: -0.022 min
Response: 40968
Conc: 7.25 ng/ml



#42 AR-1268-2

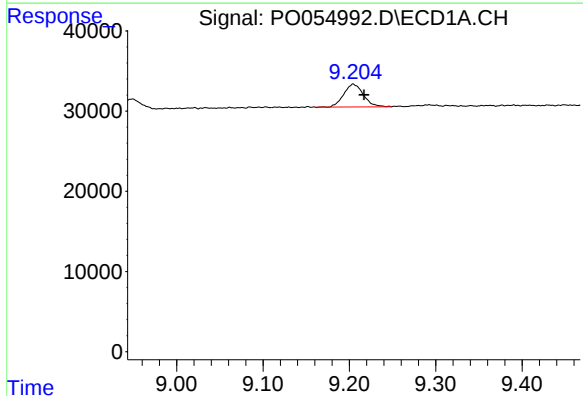
R.T.: 8.564 min
Delta R.T.: -0.031 min
Response: 70777
Conc: 10.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



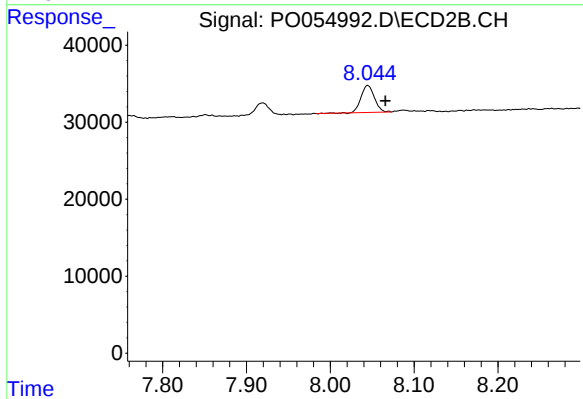
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.022 min
Response: 122430
Conc: 23.67 ng/ml



#44 AR-1268-4

R.T.: 9.204 min
Delta R.T.: -0.013 min
Response: 45143
Conc: 18.92 ng/ml



#44 AR-1268-4

R.T.: 8.045 min
Delta R.T.: -0.021 min
Response: 39096
Conc: 21.09 ng/ml