

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100219\
 Data File : PO061604.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Oct 2019 20:21
 Operator : HP/AJ
 Sample : K5131-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:08:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 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...	4.366	3.526	614705	469567	14.988	14.520
2)	SA Decachlor...	10.031	8.396	341343	244864	7.330	7.563
Target Compounds							
3)	L1 AR-1016-1	5.530	4.578	95864	73267	52.277	54.487
4)	L1 AR-1016-2	5.552	4.596	164414	119380	63.608	64.413
5)	L1 AR-1016-3	5.618	4.766	42041	49373	26.170	49.288 #
6)	L1 AR-1016-4	5.711	4.808	54691	88508	40.908	102.136 #
7)	L1 AR-1016-5	6.005	5.014	90876	91138	66.264	79.845
8)	L2 AR-1221-1	4.557	0.000	1711	0	3.702	N.D. #
9)	L2 AR-1221-2	4.670	3.816	12124	20477	33.769	66.397 #
10)	L2 AR-1221-3	4.740	3.891	16355	9354	14.365	10.255 #
11)	L3 AR-1232-1	4.740	3.891	16355	9354	11.695	8.331 #
12)	L3 AR-1232-2	5.262	4.596	43710	119380	55.713	97.798 #
13)	L3 AR-1232-3	5.552	4.766	164414	49373	96.223	74.779
14)	L3 AR-1232-4	5.711	4.847	54691	99401	61.813	157.692 #
15)	L3 AR-1232-5	5.801	5.014	91792	91138	132.392	132.826
16)	L4 AR-1242-1	5.530	4.578	95864	73267	67.502	71.515
17)	L4 AR-1242-2	5.552	4.596	164414	119380	81.805	84.653
18)	L4 AR-1242-3	5.618	4.766	42041	49373	33.317	63.227 #
19)	L4 AR-1242-4	5.711	4.847	54691	99401	52.049	121.133 #
20)	L4 AR-1242-5	6.446	5.357	163680	163173	122.378	152.321
21)	L5 AR-1248-1	5.530	4.578	95864	73267	81.599	81.880
22)	L5 AR-1248-2	5.801	4.808	91792	88508	54.406	75.117 #
23)	L5 AR-1248-3	6.005	4.847	90876	99401	48.627	80.080 #
24)	L5 AR-1248-4	6.408	5.014	117027	91138	49.528	60.626
25)	L5 AR-1248-5	6.446	5.396	163680	116030	72.187	75.631
26)	L6 AR-1254-1	6.381	5.357	147534	163173	64.668	74.396
27)	L6 AR-1254-2	6.600	5.502	362355	122462	100.290	62.465 #
28)	L6 AR-1254-3	6.965	5.896	169606	186872	43.407	58.695 #
29)	L6 AR-1254-4	7.249	6.119	114422	94935	37.780	46.793
30)	L6 AR-1254-5	7.667	6.530	165880	182945	52.821	64.680
31)	L7 AR-1260-1	7.126	6.023	108655	120299	41.621	58.976 #
32)	L7 AR-1260-2	7.378	6.208	333872	111529	104.728	46.437 #
33)	L7 AR-1260-3	7.741	6.358	94620	96734	39.394	42.933
34)	L7 AR-1260-4	7.961	6.821	199717	35330	74.743	19.137 #
35)	L7 AR-1260-5	8.280	7.061	137335	86170	27.755	22.131
36)	L8 AR-1262-1	7.741	6.621	94620	22611	24.695	18.524
37)	L8 AR-1262-2	8.280	7.061	137335	86170	22.122	18.741
38)	L8 AR-1262-3	8.597	7.341	159136	29931	38.288	15.888 #
39)	L8 AR-1262-4	8.672	7.402	115380	67469	36.549	20.076 #
40)	L8 AR-1262-5	9.312	7.891	45917	19094	22.579	12.595 #
41)	L9 AR-1268-1	8.597	7.341	159136	29931	23.665	6.198 #

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 Sample : K5131-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

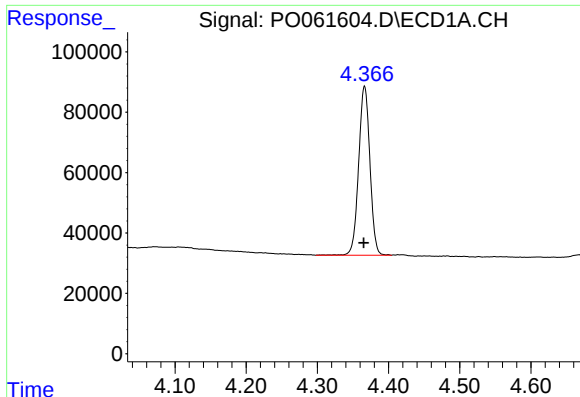
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:08:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
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Volume Inj. : 2 µl
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 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	8.672	7.402	115380	67469	18.632	15.655
43) L9	AR-1268-3	8.895	7.607	33814	11662	6.615	3.254 #
44) L9	AR-1268-4	9.312	7.891	45917	19094	21.000	11.864 #
45) L9	AR-1268-5	9.706	8.162	25982	23224	1.730	2.309 #

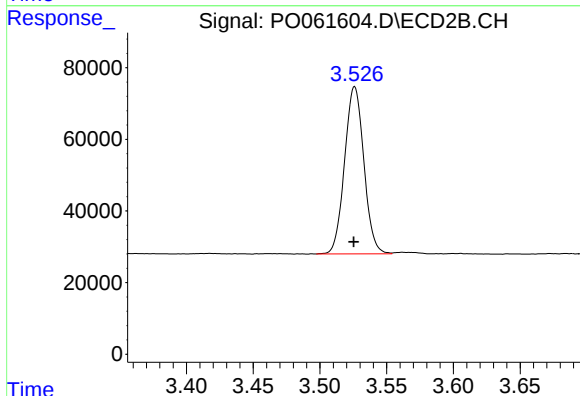
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

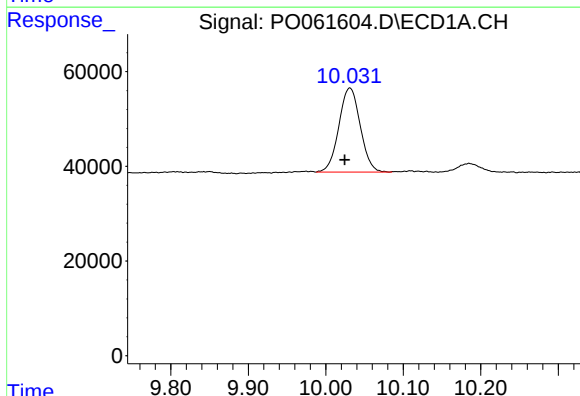
R.T.: 4.366 min
Delta R.T.: 0.001 min
Response: 614705
Conc: 14.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



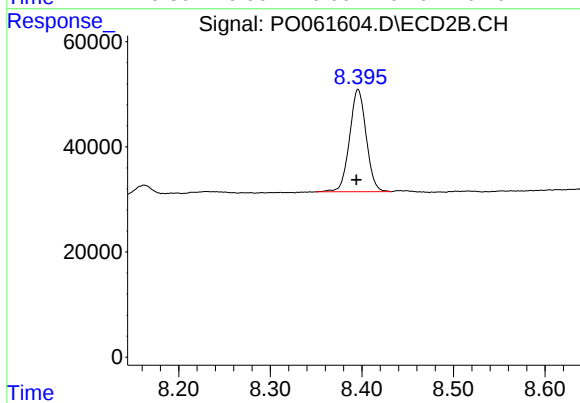
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 469567
Conc: 14.52 ng/ml



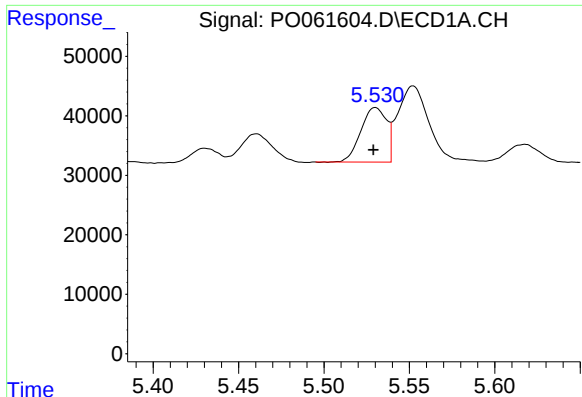
#2 Decachlorobiphenyl

R.T.: 10.031 min
Delta R.T.: 0.007 min
Response: 341343
Conc: 7.33 ng/ml



#2 Decachlorobiphenyl

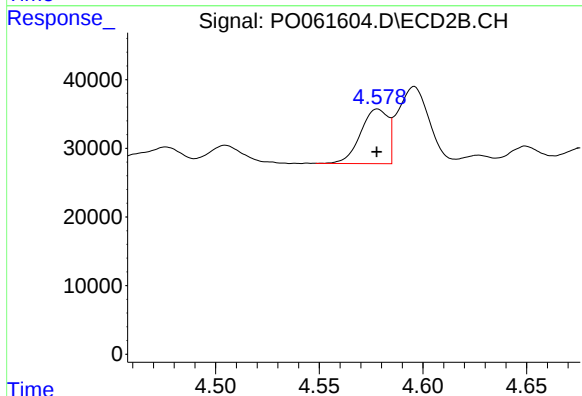
R.T.: 8.396 min
Delta R.T.: 0.002 min
Response: 244864
Conc: 7.56 ng/ml



#3 AR-1016-1

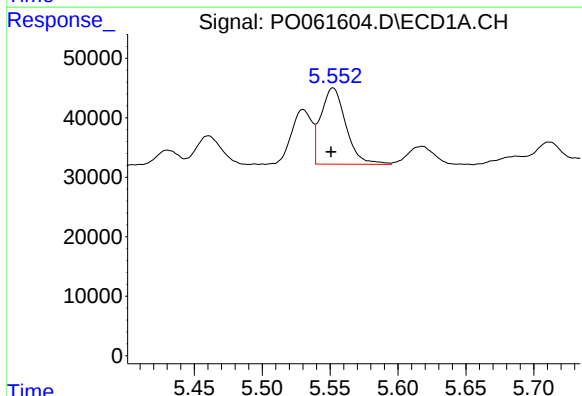
R.T.: 5.530 min
Delta R.T.: 0.001 min
Response: 95864
Conc: 52.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



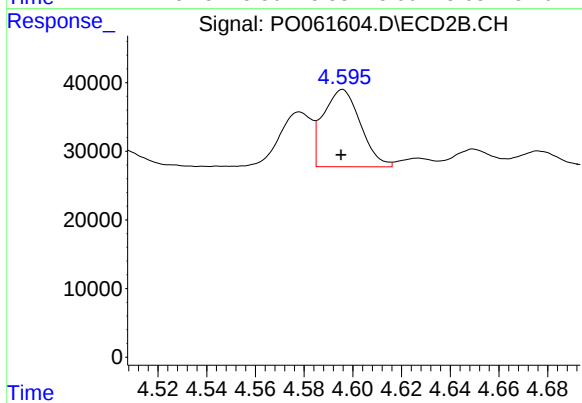
#3 AR-1016-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 73267
Conc: 54.49 ng/ml



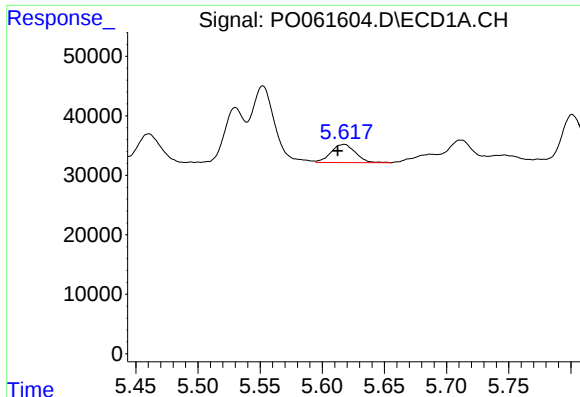
#4 AR-1016-2

R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 164414
Conc: 63.61 ng/ml



#4 AR-1016-2

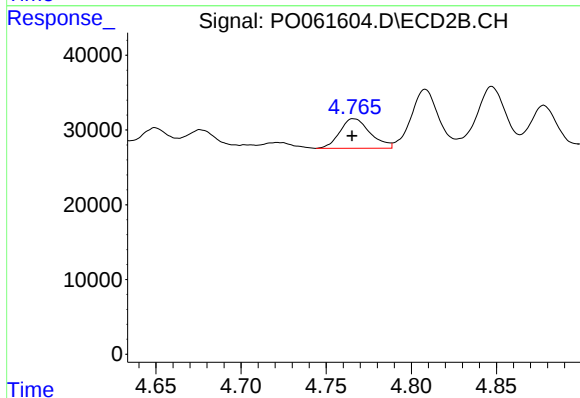
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 119380
Conc: 64.41 ng/ml



#5 AR-1016-3

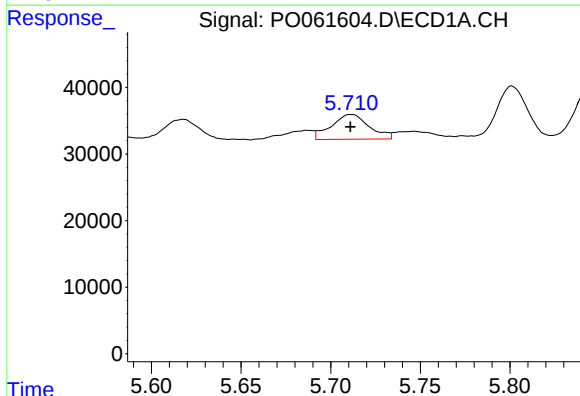
R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 42041
Conc: 26.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



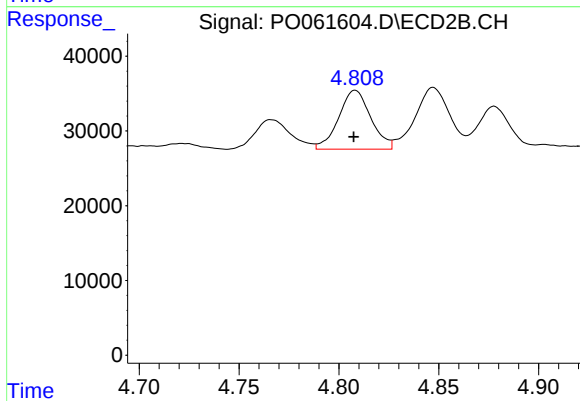
#5 AR-1016-3

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 49373
Conc: 49.29 ng/ml



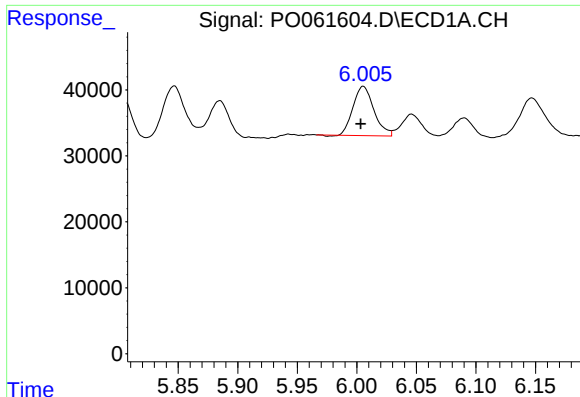
#6 AR-1016-4

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 54691
Conc: 40.91 ng/ml



#6 AR-1016-4

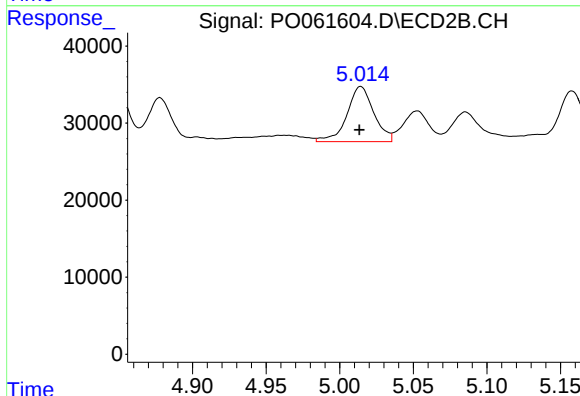
R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 88508
Conc: 102.14 ng/ml



#7 AR-1016-5

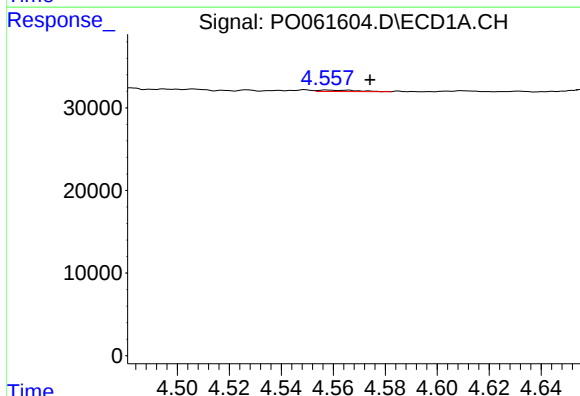
R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 90876
Conc: 66.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



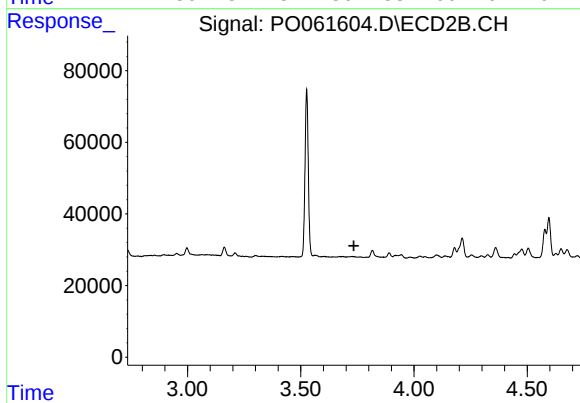
#7 AR-1016-5

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 91138
Conc: 79.85 ng/ml



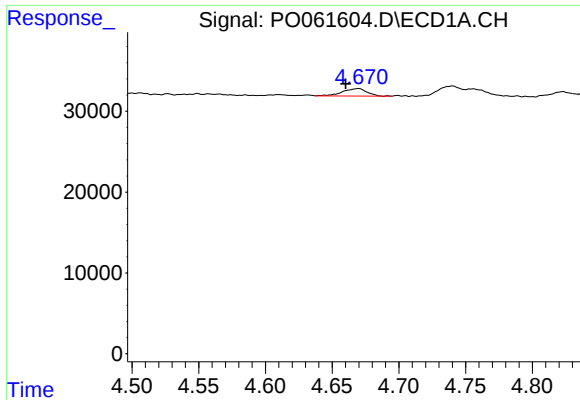
#8 AR-1221-1

R.T.: 4.557 min
Delta R.T.: -0.017 min
Response: 1711
Conc: 3.70 ng/ml



#8 AR-1221-1

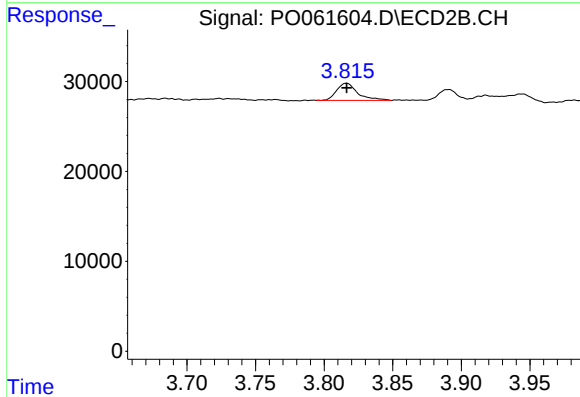
R.T.: 0.000 min
Exp R.T. : 3.735 min
Response: 0
Conc: N.D.



#9 AR-1221-2

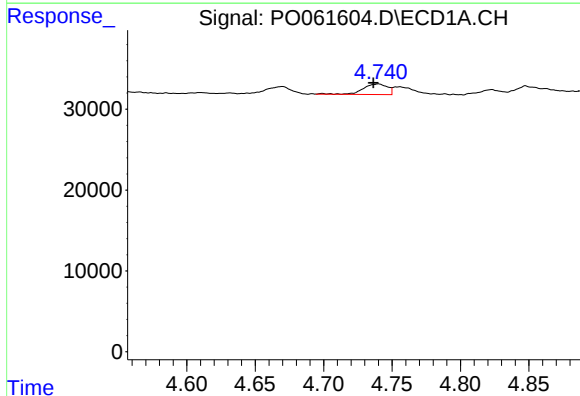
R.T.: 4.670 min
Delta R.T.: 0.009 min
Response: 12124
Conc: 33.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



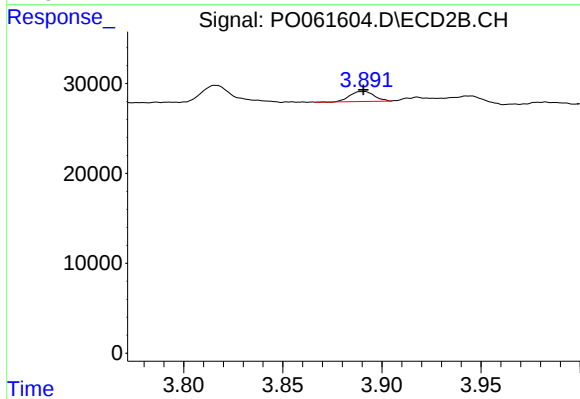
#9 AR-1221-2

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 20477
Conc: 66.40 ng/ml



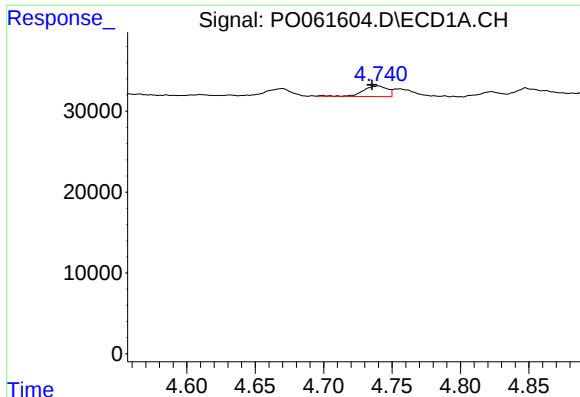
#10 AR-1221-3

R.T.: 4.740 min
Delta R.T.: 0.004 min
Response: 16355
Conc: 14.36 ng/ml



#10 AR-1221-3

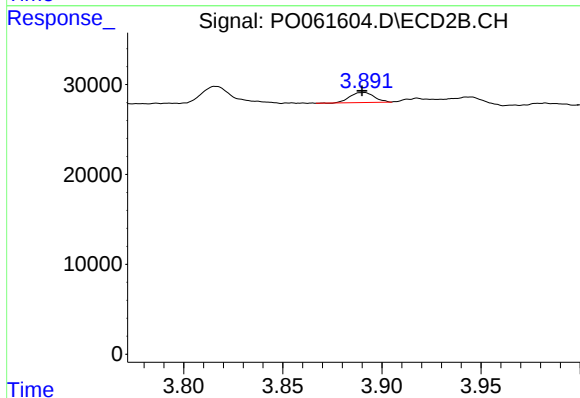
R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 9354
Conc: 10.25 ng/ml



#11 AR-1232-1

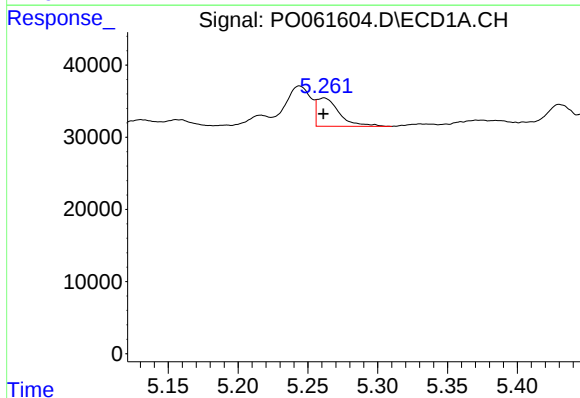
R.T.: 4.740 min
Delta R.T.: 0.005 min
Response: 16355
Conc: 11.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



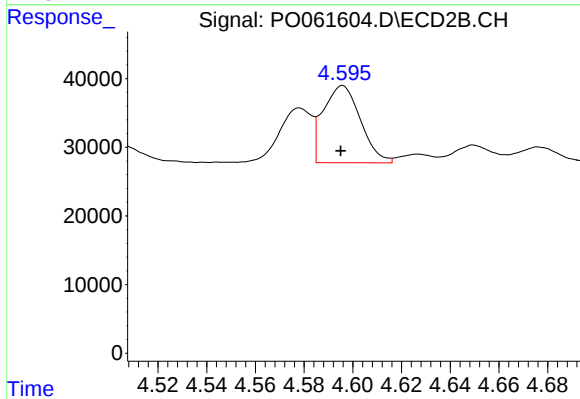
#11 AR-1232-1

R.T.: 3.891 min
Delta R.T.: 0.001 min
Response: 9354
Conc: 8.33 ng/ml



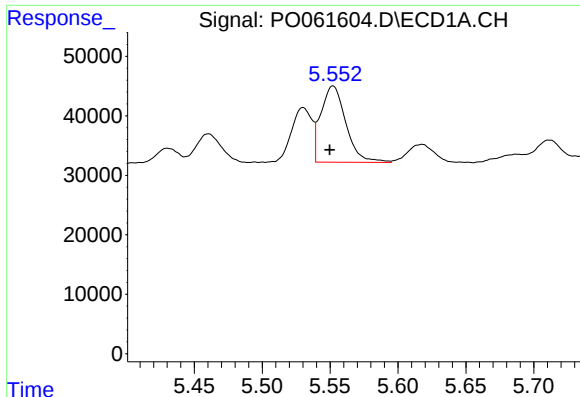
#12 AR-1232-2

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 43710
Conc: 55.71 ng/ml



#12 AR-1232-2

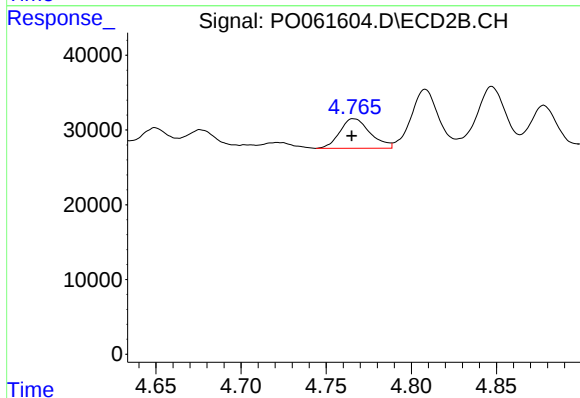
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 119380
Conc: 97.80 ng/ml



#13 AR-1232-3

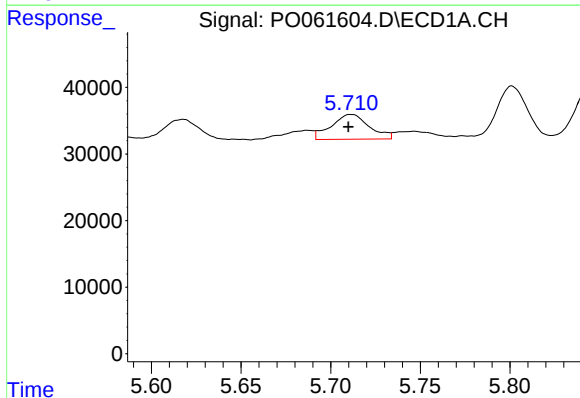
R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 164414
Conc: 96.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



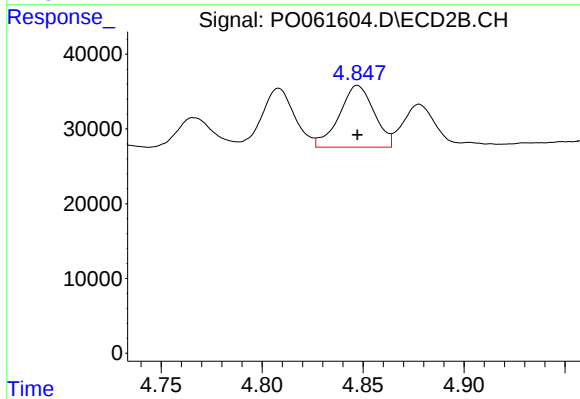
#13 AR-1232-3

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 49373
Conc: 74.78 ng/ml



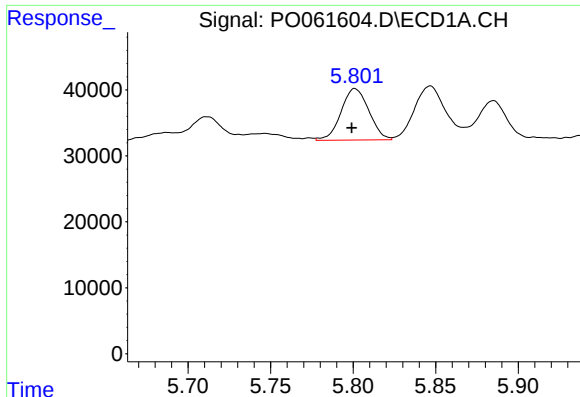
#14 AR-1232-4

R.T.: 5.711 min
Delta R.T.: 0.002 min
Response: 54691
Conc: 61.81 ng/ml



#14 AR-1232-4

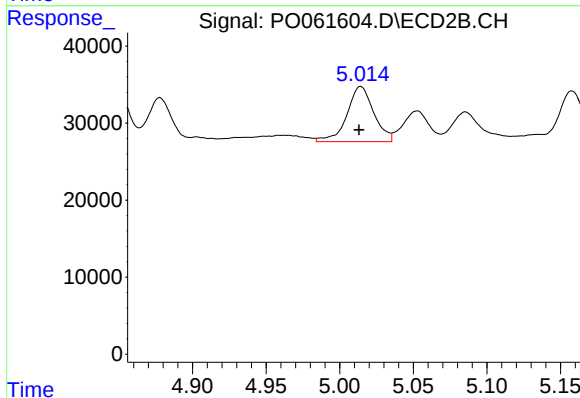
R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 99401
Conc: 157.69 ng/ml



#15 AR-1232-5

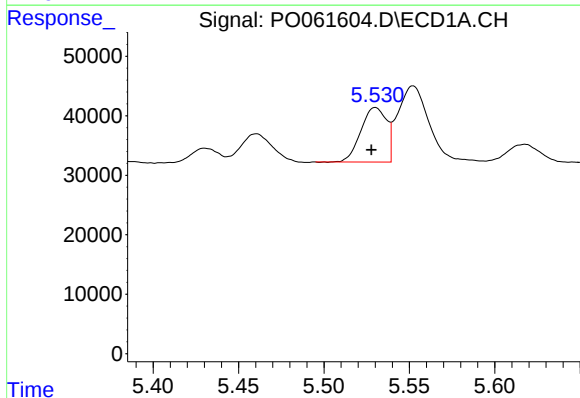
R.T.: 5.801 min
Delta R.T.: 0.002 min
Response: 91792
Conc: 132.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



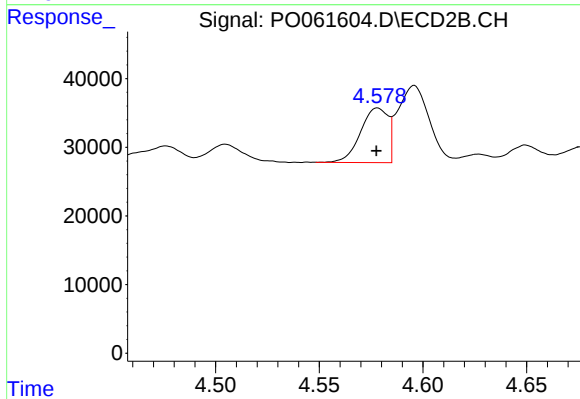
#15 AR-1232-5

R.T.: 5.014 min
Delta R.T.: 0.001 min
Response: 91138
Conc: 132.83 ng/ml



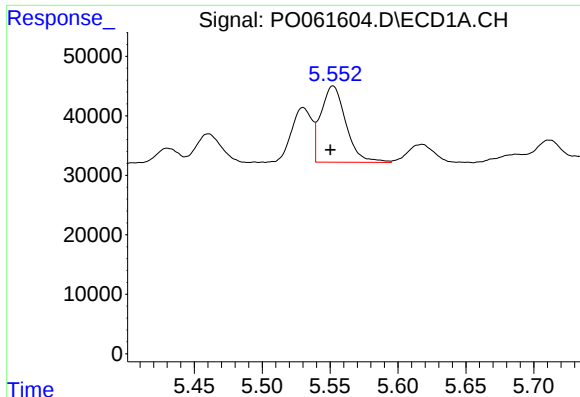
#16 AR-1242-1

R.T.: 5.530 min
Delta R.T.: 0.002 min
Response: 95864
Conc: 67.50 ng/ml



#16 AR-1242-1

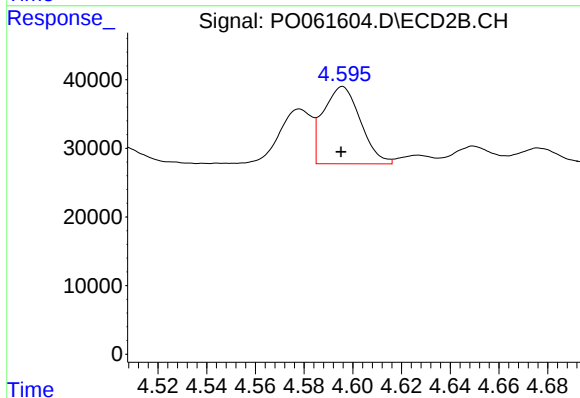
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 73267
Conc: 71.51 ng/ml



#17 AR-1242-2

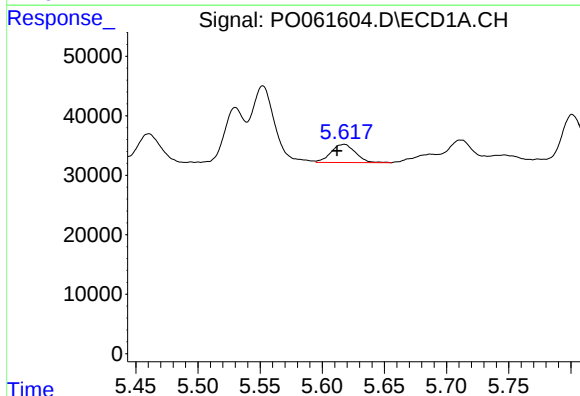
R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 164414
Conc: 81.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



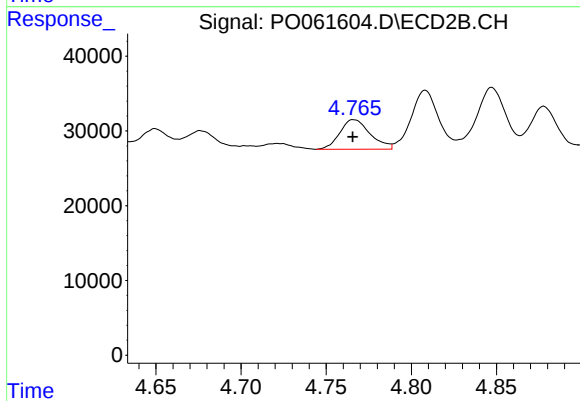
#17 AR-1242-2

R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 119380
Conc: 84.65 ng/ml



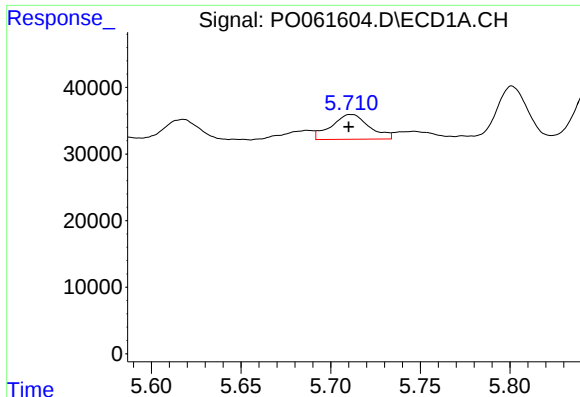
#18 AR-1242-3

R.T.: 5.618 min
Delta R.T.: 0.006 min
Response: 42041
Conc: 33.32 ng/ml



#18 AR-1242-3

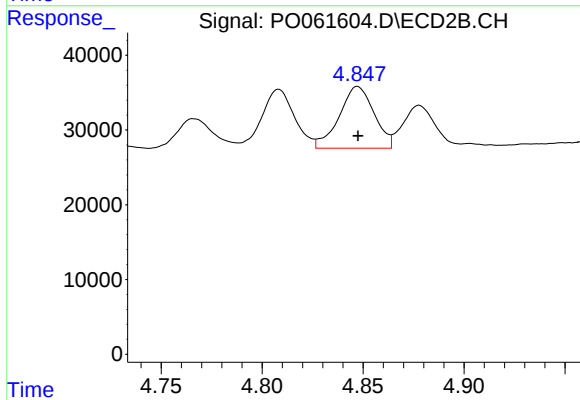
R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 49373
Conc: 63.23 ng/ml



#19 AR-1242-4

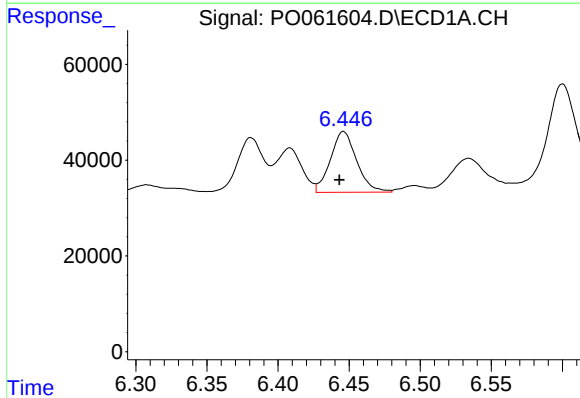
R.T.: 5.711 min
Delta R.T.: 0.001 min
Response: 54691
Conc: 52.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



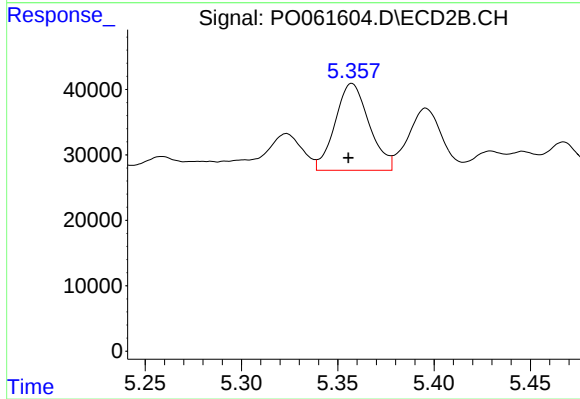
#19 AR-1242-4

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 99401
Conc: 121.13 ng/ml



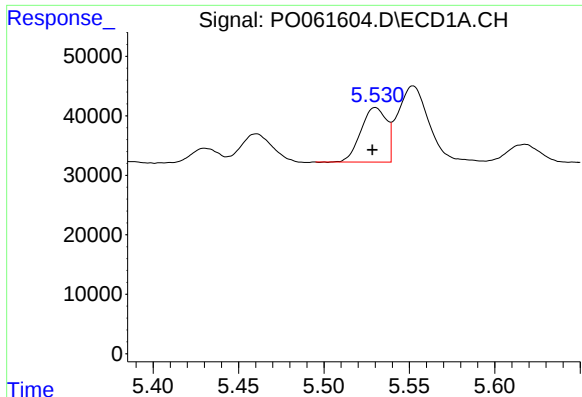
#20 AR-1242-5

R.T.: 6.446 min
Delta R.T.: 0.003 min
Response: 163680
Conc: 122.38 ng/ml



#20 AR-1242-5

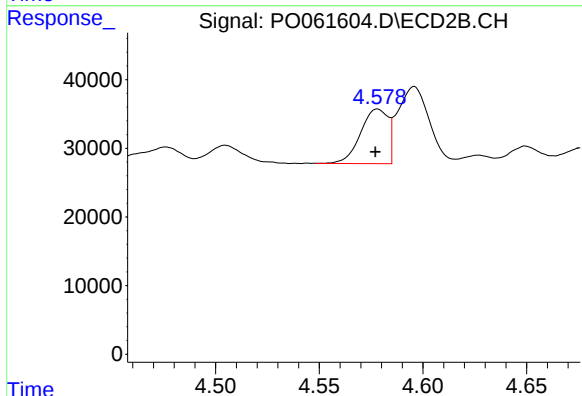
R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 163173
Conc: 152.32 ng/ml



#21 AR-1248-1

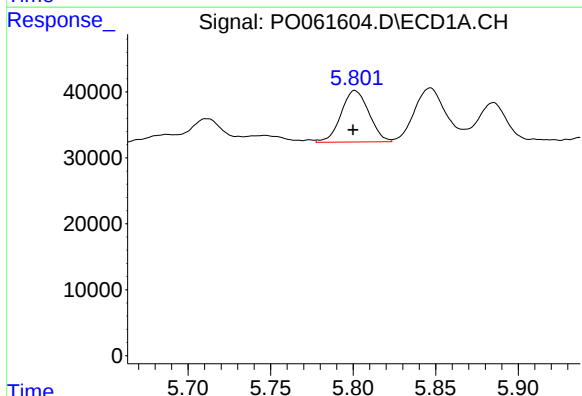
R.T.: 5.530 min
Delta R.T.: 0.002 min
Response: 95864
Conc: 81.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



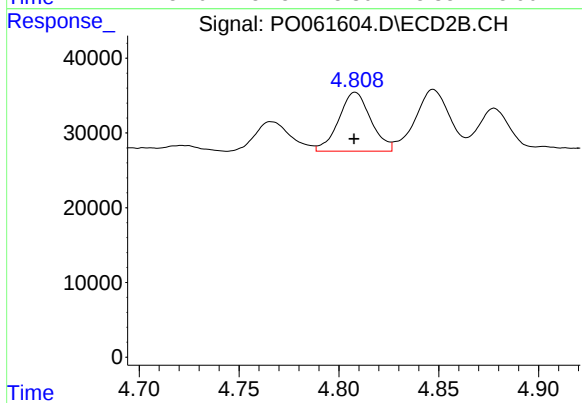
#21 AR-1248-1

R.T.: 4.578 min
Delta R.T.: 0.001 min
Response: 73267
Conc: 81.88 ng/ml



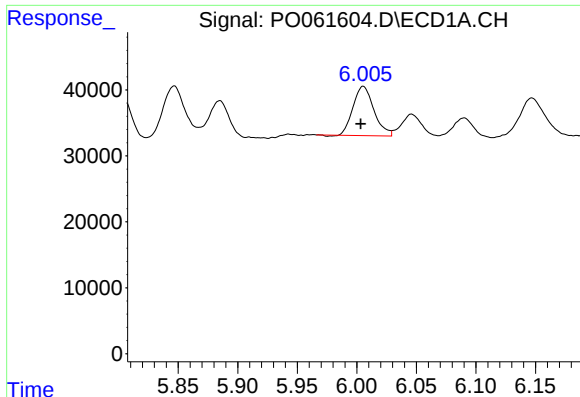
#22 AR-1248-2

R.T.: 5.801 min
Delta R.T.: 0.001 min
Response: 91792
Conc: 54.41 ng/ml



#22 AR-1248-2

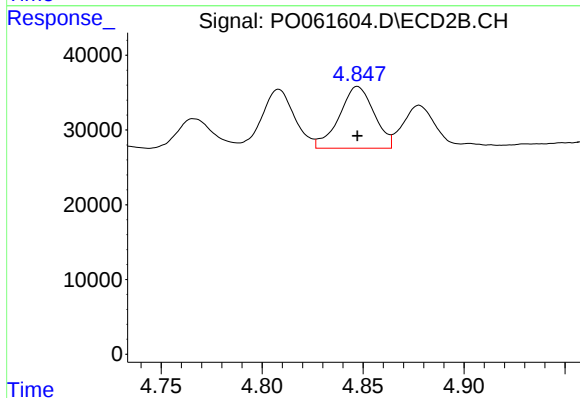
R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 88508
Conc: 75.12 ng/ml



#23 AR-1248-3

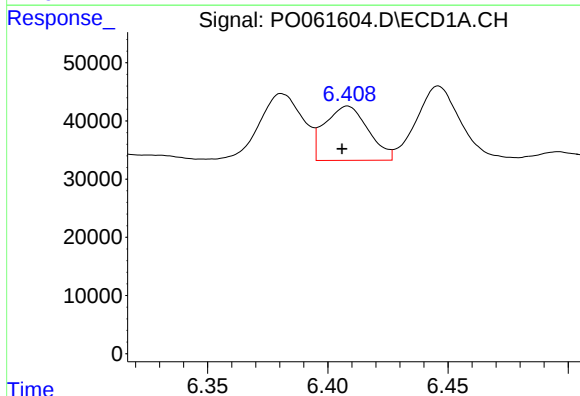
R.T.: 6.005 min
Delta R.T.: 0.002 min
Response: 90876
Conc: 48.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



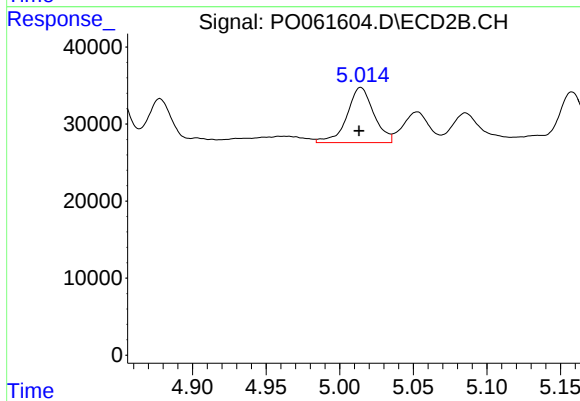
#23 AR-1248-3

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 99401
Conc: 80.08 ng/ml



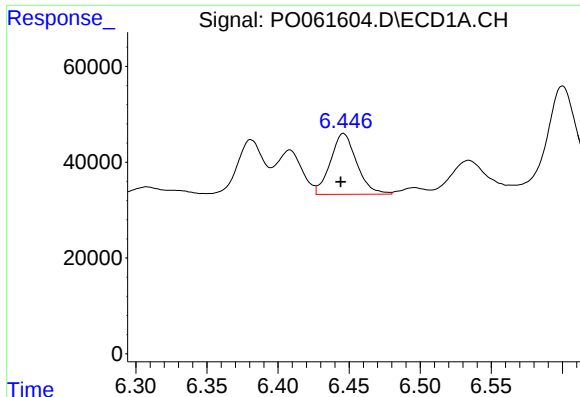
#24 AR-1248-4

R.T.: 6.408 min
Delta R.T.: 0.002 min
Response: 117027
Conc: 49.53 ng/ml



#24 AR-1248-4

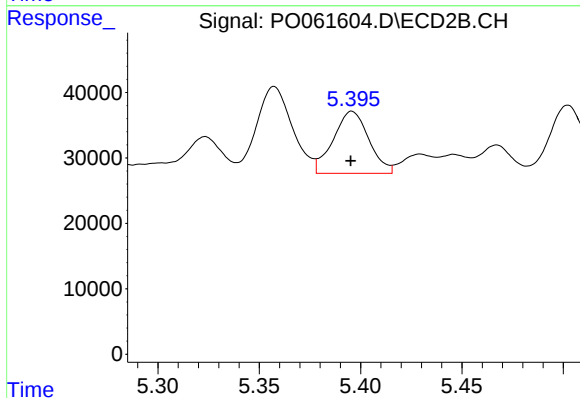
R.T.: 5.014 min
Delta R.T.: 0.001 min
Response: 91138
Conc: 60.63 ng/ml



#25 AR-1248-5

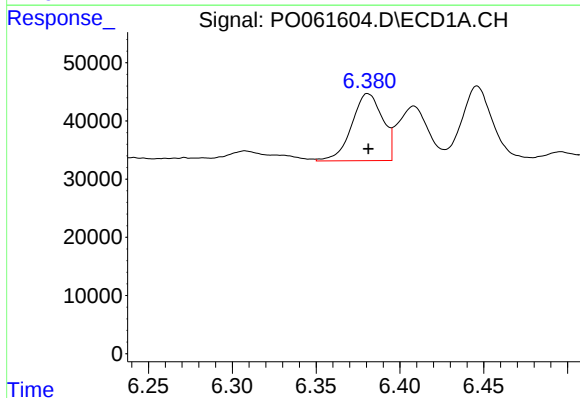
R.T.: 6.446 min
Delta R.T.: 0.002 min
Response: 163680
Conc: 72.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



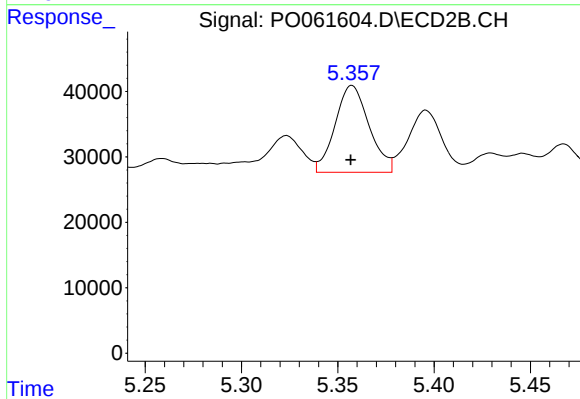
#25 AR-1248-5

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 116030
Conc: 75.63 ng/ml



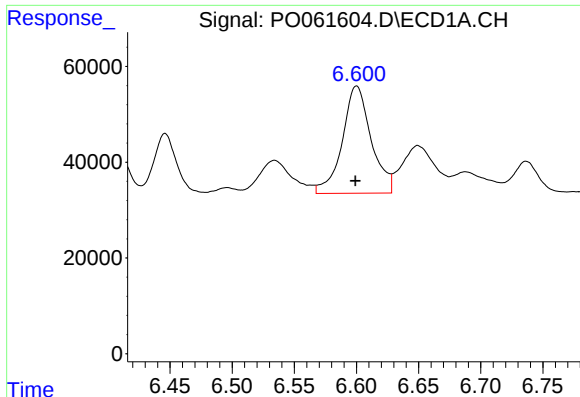
#26 AR-1254-1

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 147534
Conc: 64.67 ng/ml



#26 AR-1254-1

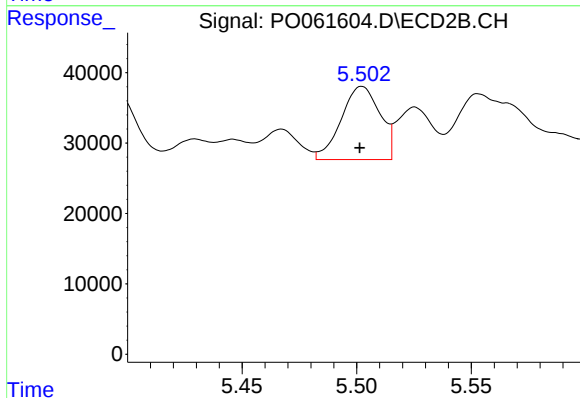
R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 163173
Conc: 74.40 ng/ml



#27 AR-1254-2

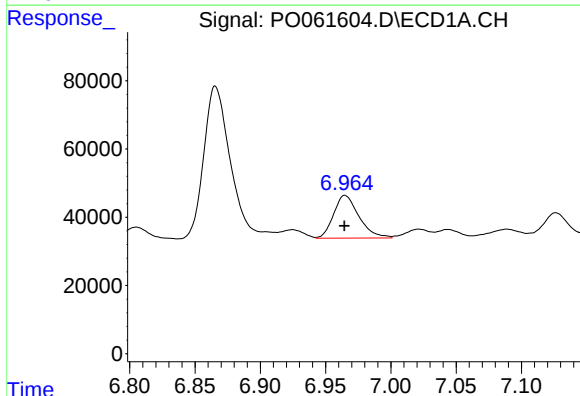
R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 362355
Conc: 100.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



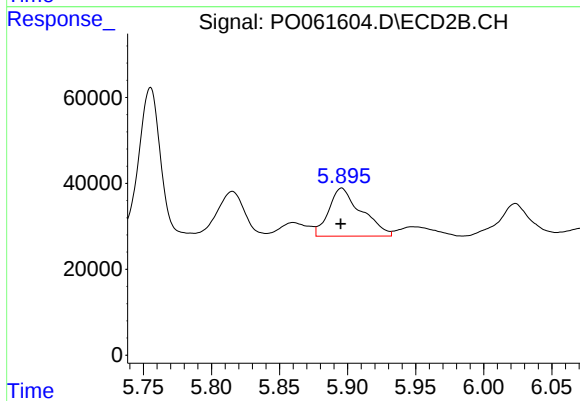
#27 AR-1254-2

R.T.: 5.502 min
Delta R.T.: 0.001 min
Response: 122462
Conc: 62.46 ng/ml



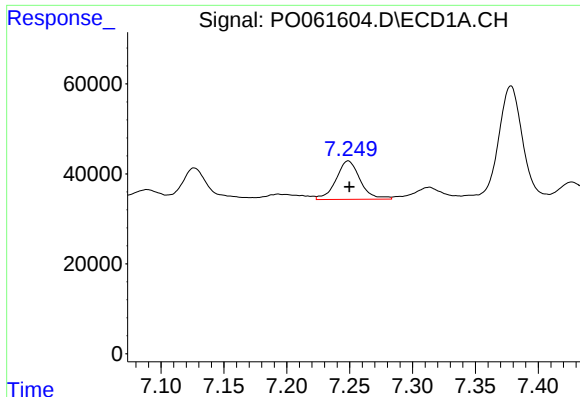
#28 AR-1254-3

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 169606
Conc: 43.41 ng/ml



#28 AR-1254-3

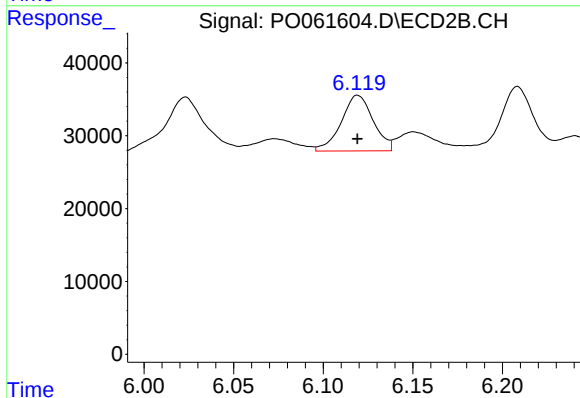
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 186872
Conc: 58.70 ng/ml



#29 AR-1254-4

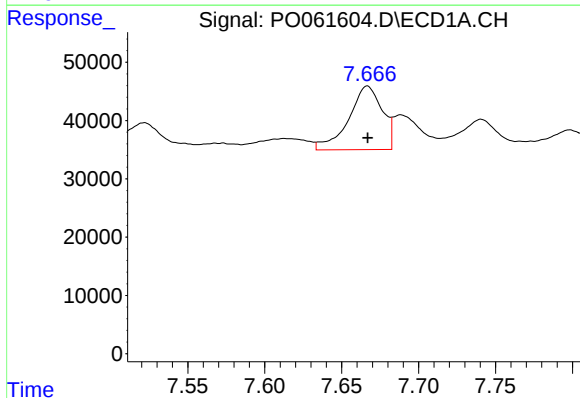
R.T.: 7.249 min
Delta R.T.: 0.000 min
Response: 114422
Conc: 37.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



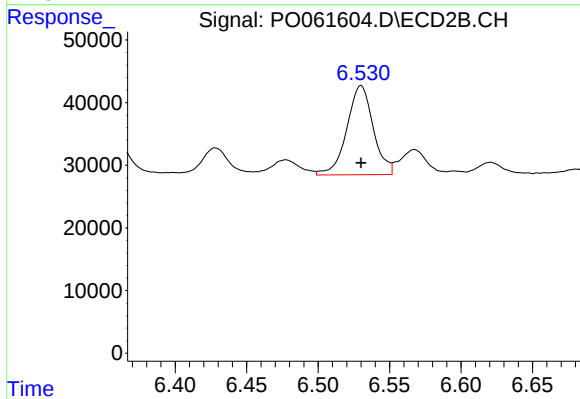
#29 AR-1254-4

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 94935
Conc: 46.79 ng/ml



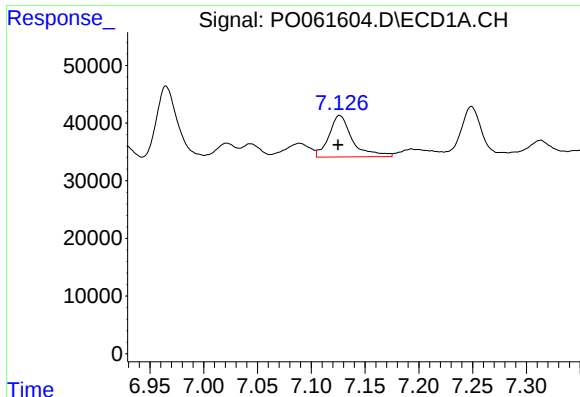
#30 AR-1254-5

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 165880
Conc: 52.82 ng/ml



#30 AR-1254-5

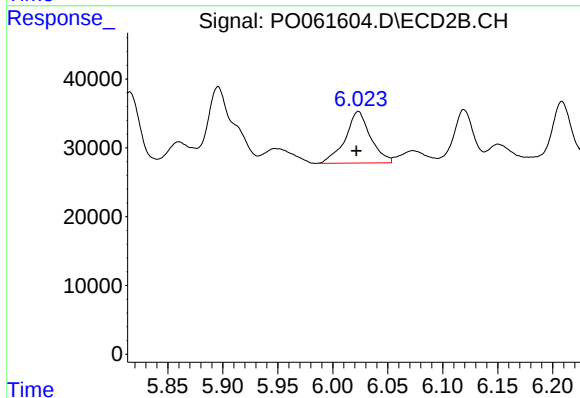
R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 182945
Conc: 64.68 ng/ml



#31 AR-1260-1

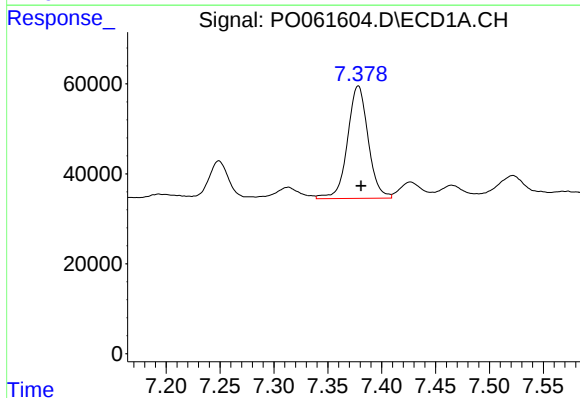
R.T.: 7.126 min
Delta R.T.: 0.001 min
Response: 108655
Conc: 41.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



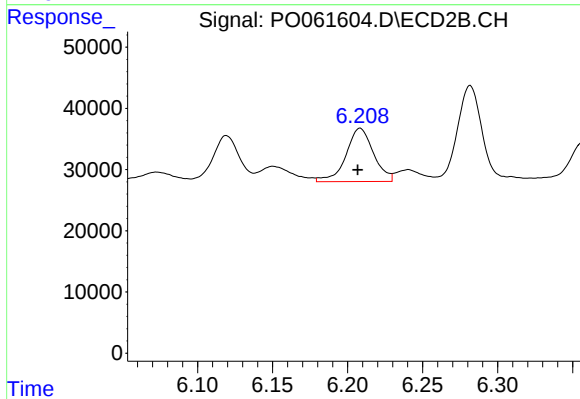
#31 AR-1260-1

R.T.: 6.023 min
Delta R.T.: 0.002 min
Response: 120299
Conc: 58.98 ng/ml



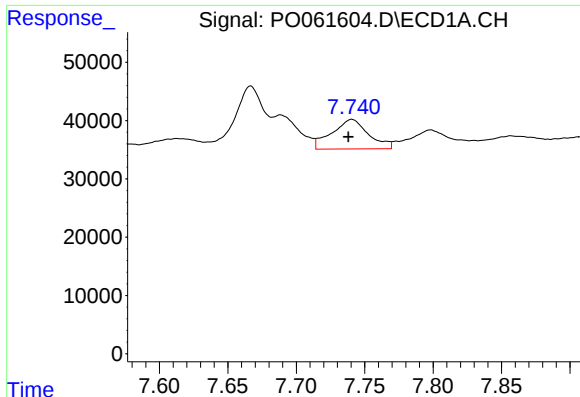
#32 AR-1260-2

R.T.: 7.378 min
Delta R.T.: -0.003 min
Response: 333872
Conc: 104.73 ng/ml



#32 AR-1260-2

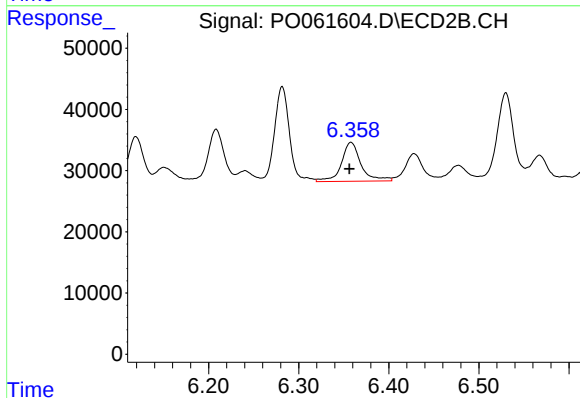
R.T.: 6.208 min
Delta R.T.: 0.002 min
Response: 111529
Conc: 46.44 ng/ml



#33 AR-1260-3

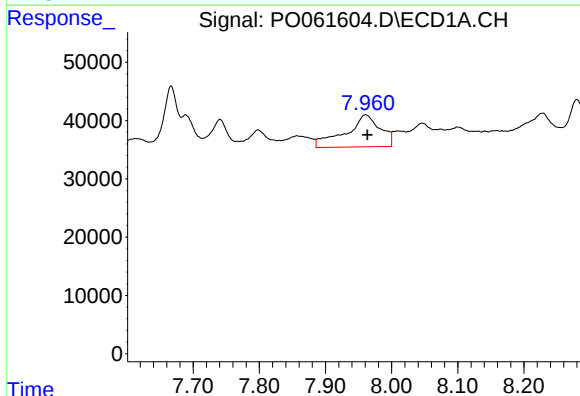
R.T.: 7.741 min
Delta R.T.: 0.003 min
Response: 94620
Conc: 39.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



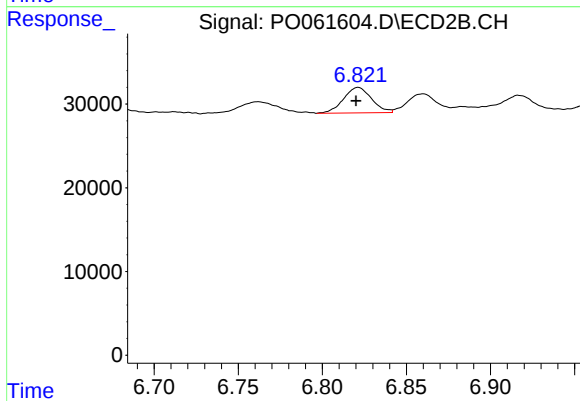
#33 AR-1260-3

R.T.: 6.358 min
Delta R.T.: 0.002 min
Response: 96734
Conc: 42.93 ng/ml



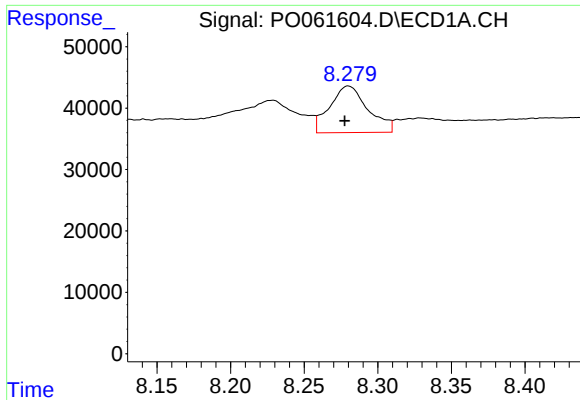
#34 AR-1260-4

R.T.: 7.961 min
Delta R.T.: -0.003 min
Response: 199717
Conc: 74.74 ng/ml



#34 AR-1260-4

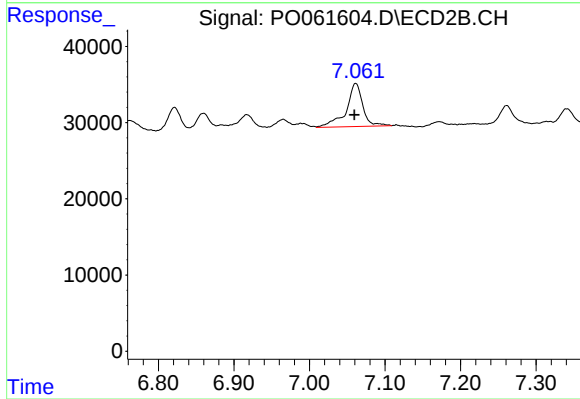
R.T.: 6.821 min
Delta R.T.: 0.001 min
Response: 35330
Conc: 19.14 ng/ml



#35 AR-1260-5

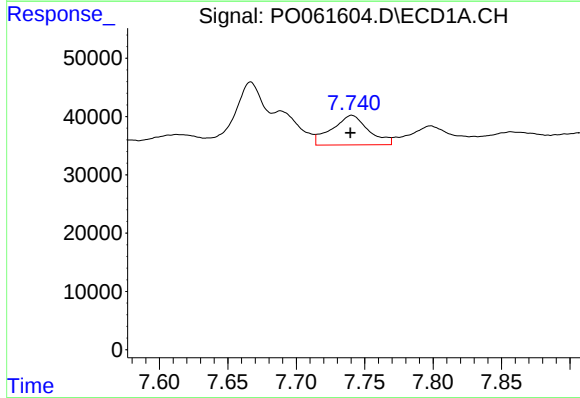
R.T.: 8.280 min
Delta R.T.: 0.003 min
Response: 137335
Conc: 27.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



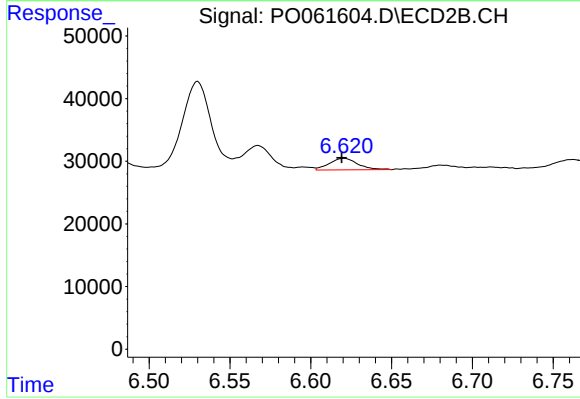
#35 AR-1260-5

R.T.: 7.061 min
Delta R.T.: 0.002 min
Response: 86170
Conc: 22.13 ng/ml



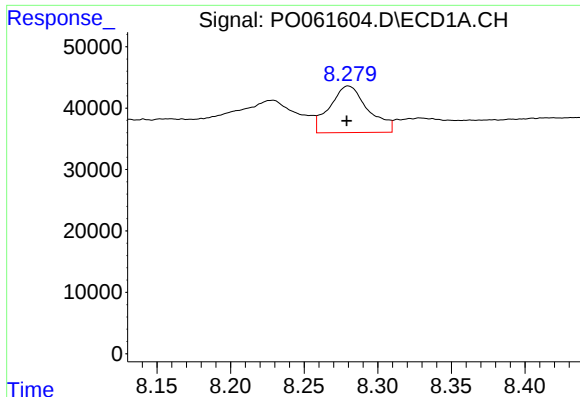
#36 AR-1262-1

R.T.: 7.741 min
Delta R.T.: 0.001 min
Response: 94620
Conc: 24.70 ng/ml



#36 AR-1262-1

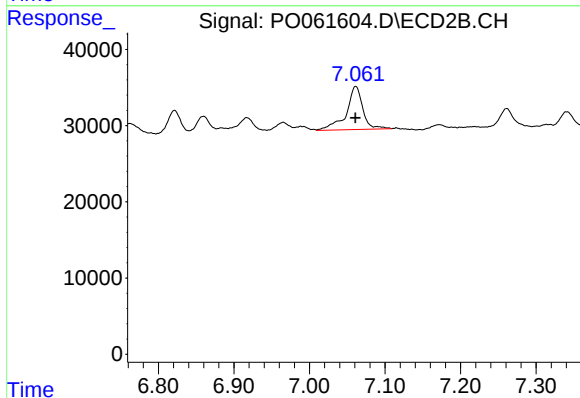
R.T.: 6.621 min
Delta R.T.: 0.001 min
Response: 22611
Conc: 18.52 ng/ml



#37 AR-1262-2

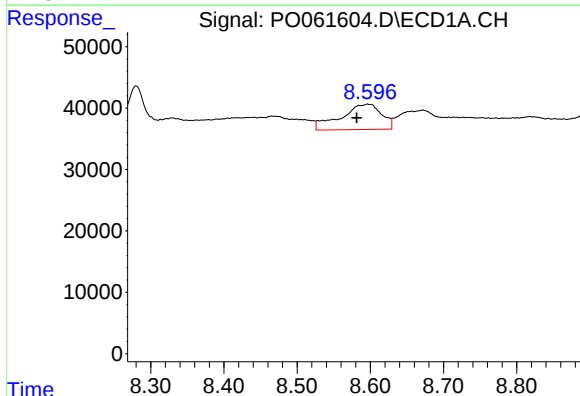
R.T.: 8.280 min
Delta R.T.: 0.001 min
Response: 137335
Conc: 22.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



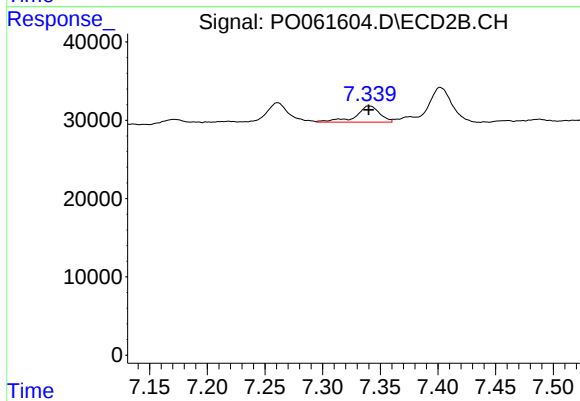
#37 AR-1262-2

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 86170
Conc: 18.74 ng/ml



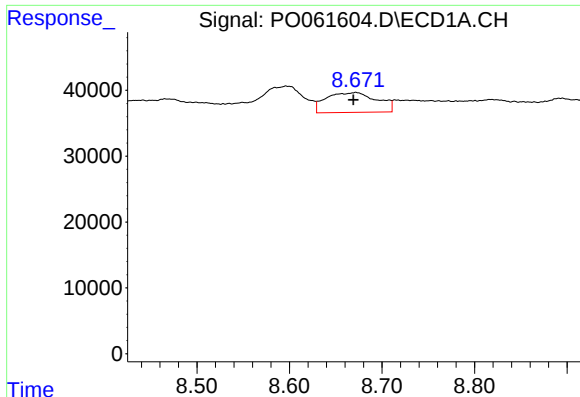
#38 AR-1262-3

R.T.: 8.597 min
Delta R.T.: 0.015 min
Response: 159136
Conc: 38.29 ng/ml



#38 AR-1262-3

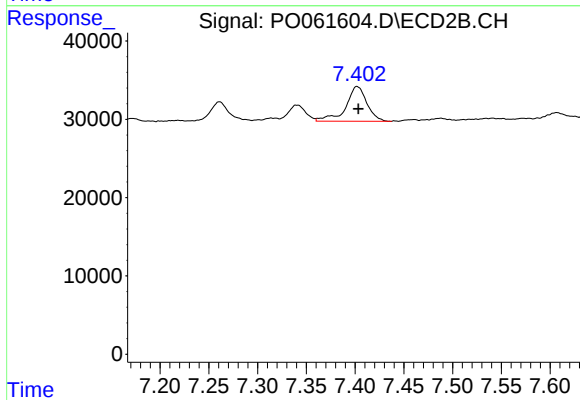
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 29931
Conc: 15.89 ng/ml



#39 AR-1262-4

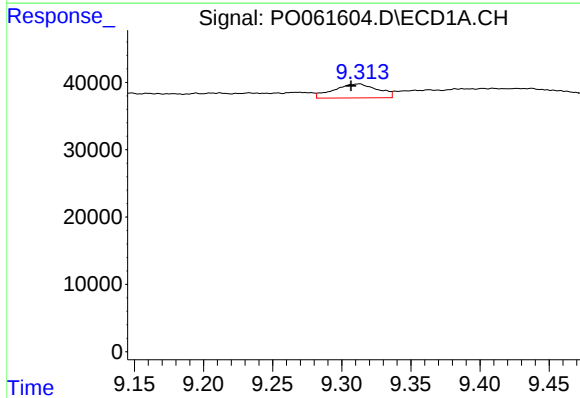
R.T.: 8.672 min
Delta R.T.: 0.002 min
Response: 115380
Conc: 36.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



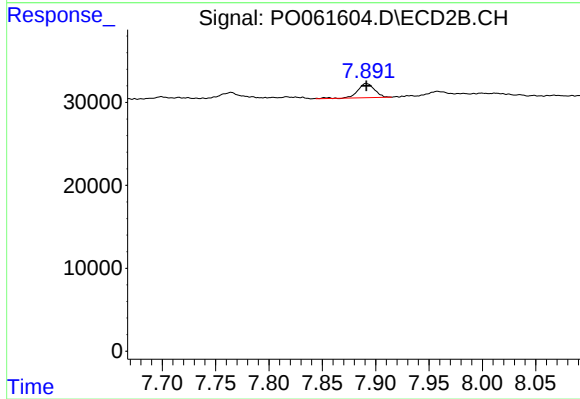
#39 AR-1262-4

R.T.: 7.402 min
Delta R.T.: -0.001 min
Response: 67469
Conc: 20.08 ng/ml



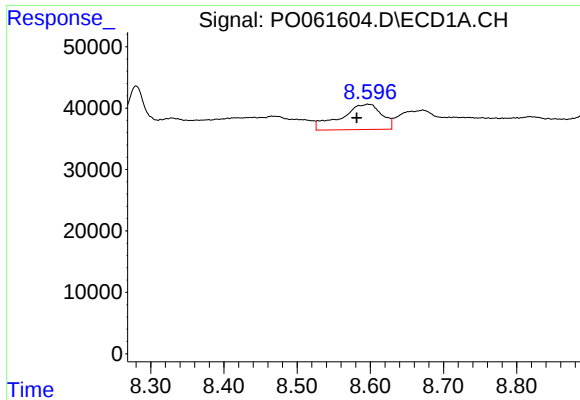
#40 AR-1262-5

R.T.: 9.312 min
Delta R.T.: 0.006 min
Response: 45917
Conc: 22.58 ng/ml



#40 AR-1262-5

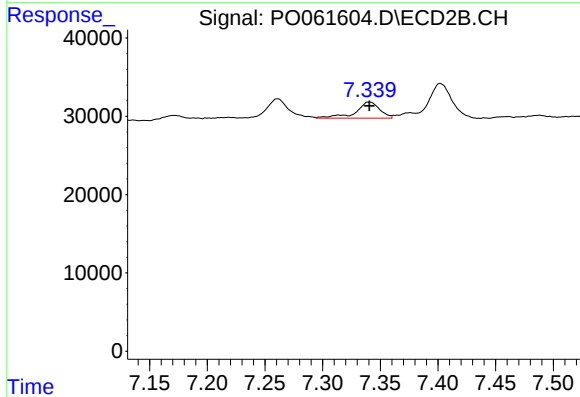
R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 19094
Conc: 12.59 ng/ml



#41 AR-1268-1

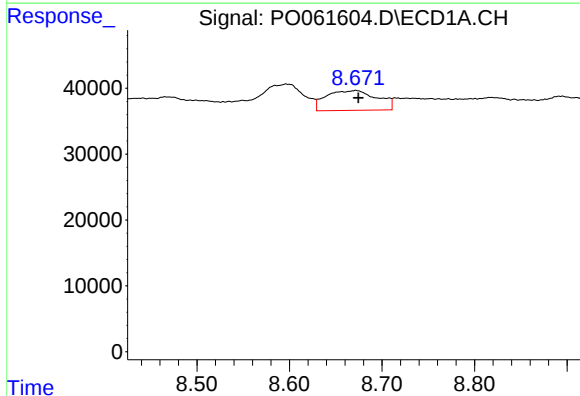
R.T.: 8.597 min
Delta R.T.: 0.015 min
Response: 159136
Conc: 23.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



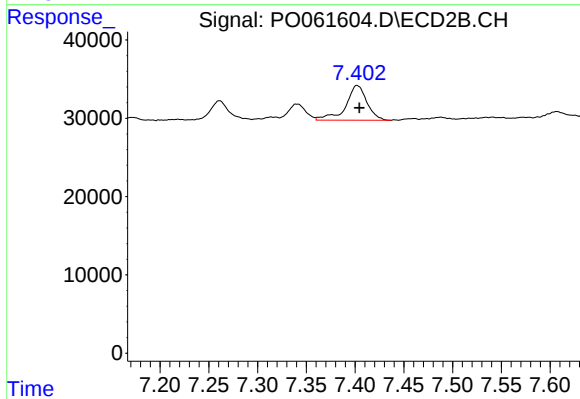
#41 AR-1268-1

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 29931
Conc: 6.20 ng/ml



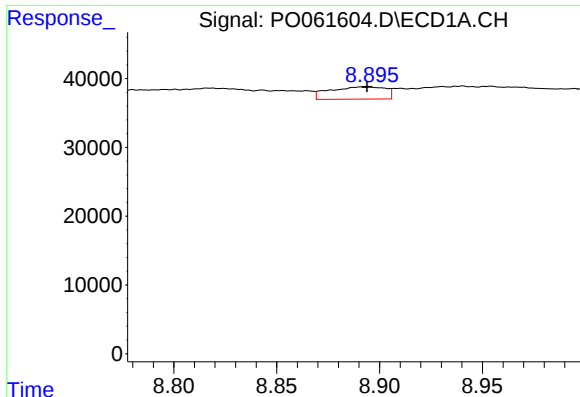
#42 AR-1268-2

R.T.: 8.672 min
Delta R.T.: -0.003 min
Response: 115380
Conc: 18.63 ng/ml



#42 AR-1268-2

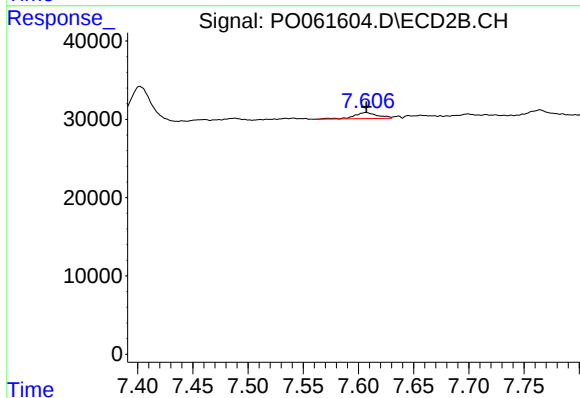
R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 67469
Conc: 15.65 ng/ml



#43 AR-1268-3

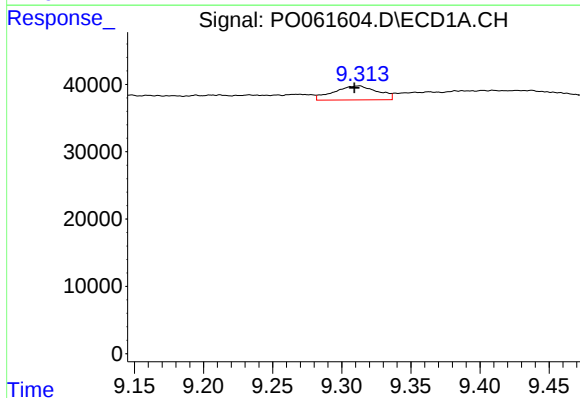
R.T.: 8.895 min
Delta R.T.: 0.000 min
Response: 33814
Conc: 6.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



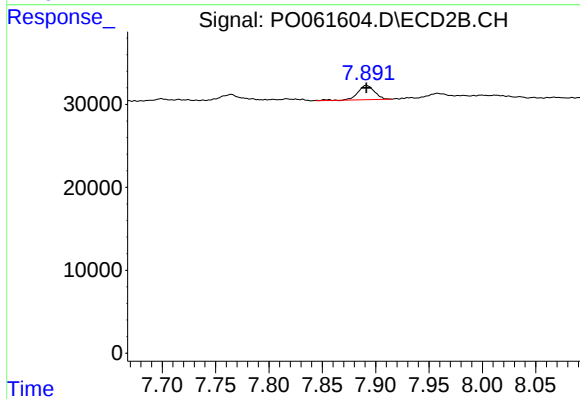
#43 AR-1268-3

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 11662
Conc: 3.25 ng/ml



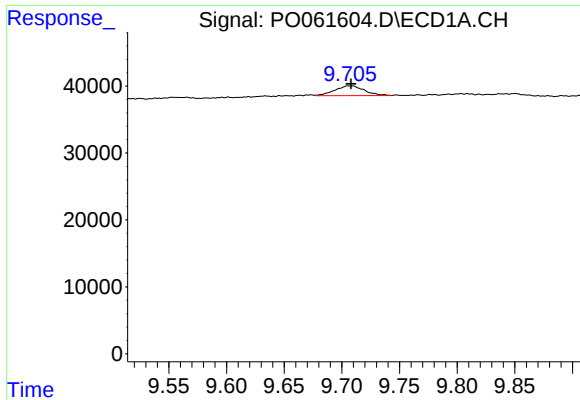
#44 AR-1268-4

R.T.: 9.312 min
Delta R.T.: 0.003 min
Response: 45917
Conc: 21.00 ng/ml



#44 AR-1268-4

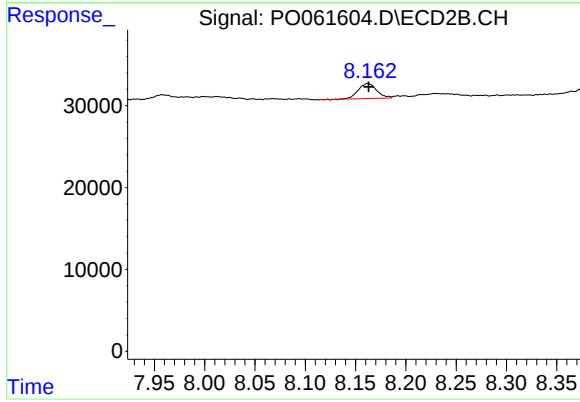
R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 19094
Conc: 11.86 ng/ml



#45 AR-1268-5

R.T.: 9.706 min
Delta R.T.: -0.002 min
Response: 25982
Conc: 1.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 23224
Conc: 2.31 ng/ml