

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102720\
 Data File : PO072856.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Oct 2020 3:17
 Operator : DD\AJ
 Sample : L4214-07
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 07:43:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 27 16:48:42 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.948	4.021	846446	592475	18.358	16.905
2)	SA Decachlor...	10.980	9.306	791978	777486	21.437	23.314
Target Compounds							
3)	L1 AR-1016-1	6.271	5.274	84131	61560	49.284	42.886
4)	L1 AR-1016-2	6.295	5.295	113283	78189	48.016	40.409
5)	L1 AR-1016-3	6.362	5.485	69905	41675	48.449	39.746
6)	L1 AR-1016-4	6.469	5.537	58128	37394	49.476	43.162
7)	L1 AR-1016-5	6.786	5.764	59340	47651	55.306	44.340
9)	L2 AR-1221-2	5.301	4.375	23343	13526	57.323	39.828 #
10)	L2 AR-1221-3	5.385	4.465	45772	28548	37.134	28.085
11)	L3 AR-1232-1	5.385	4.465	45772	28548	42.965	32.565
12)	L3 AR-1232-2	5.976	5.295	55921	78189	105.631	89.269
13)	L3 AR-1232-3	6.295	5.485	113283	41675	109.570	88.707
14)	L3 AR-1232-4	6.469	5.582	58128	44791	113.104	105.184
15)	L3 AR-1232-5	6.567	5.764	47809	47651	135.079	102.127
16)	L4 AR-1242-1	6.271	5.274	84131	61560	60.473	52.357
17)	L4 AR-1242-2	6.295	5.295	113283	78189	59.259	49.235
18)	L4 AR-1242-3	6.362	5.485	69905	41675	59.034	48.209
19)	L4 AR-1242-4	6.469	5.582	58128	44791	60.041	53.965
20)	L4 AR-1242-5	7.215f	6.142	9385	30481	9.162	28.405 #
21)	L5 AR-1248-1	6.271	5.274	84131	61560	81.532	64.935
22)	L5 AR-1248-2	6.567	5.537	47809	37394	36.365	29.731
23)	L5 AR-1248-3	6.786	5.582	59340	44791	40.050	34.634
24)	L5 AR-1248-4	7.215	5.764	9385	47651	5.197	30.670 #
26)	L6 AR-1254-1	7.184	6.142	37336	30481	21.544	13.542 #
27)	L6 AR-1254-2	7.414	6.301	58340	32878	21.834	16.369 #
28)	L6 AR-1254-3	7.797	6.740f	41734	63797	15.442	20.080 #
29)	L6 AR-1254-4	8.094	6.958	37163	28492	16.958	13.100
30)	L6 AR-1254-5	8.523	7.385	141161	123238	64.116	44.278 #
31)	L7 AR-1260-1	7.965	6.857	108030	112776	58.085	56.714
32)	L7 AR-1260-2	8.232	7.053	144886	133051	63.746	53.101
33)	L7 AR-1260-3	8.599	7.207	102979	103503	60.058	46.958
34)	L7 AR-1260-4	8.829	7.688	99200	93403	49.660	50.750
35)	L7 AR-1260-5	9.157	7.934	216327	221453	53.333	50.387
36)	L8 AR-1262-1	8.599	7.385	102979	123238	43.056	88.881 #
37)	L8 AR-1262-2	9.157	7.934	216327	221453	48.897	48.543
38)	L8 AR-1262-3	9.490f	8.222	152038	81029	47.261	44.282
39)	L8 AR-1262-4	9.545f	8.282	85613	181907	35.692	54.641 #
40)	L8 AR-1262-5	10.232	8.778	57894	55941	34.478	34.162
41)	L9 AR-1268-1	9.490f	8.222	152038	81029	27.424	15.549 #
42)	L9 AR-1268-2	9.545f	8.282	85613	181907	16.913	38.833 #
43)	L9 AR-1268-3	0.000	8.497	0	36013	N.D.	8.558 #

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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
44) L9	AR-1268-4	10.232	8.778	57894	55941	30.627	30.435
45) L9	AR-1268-5	10.649	9.060	29365	17554	2.117	1.355 #

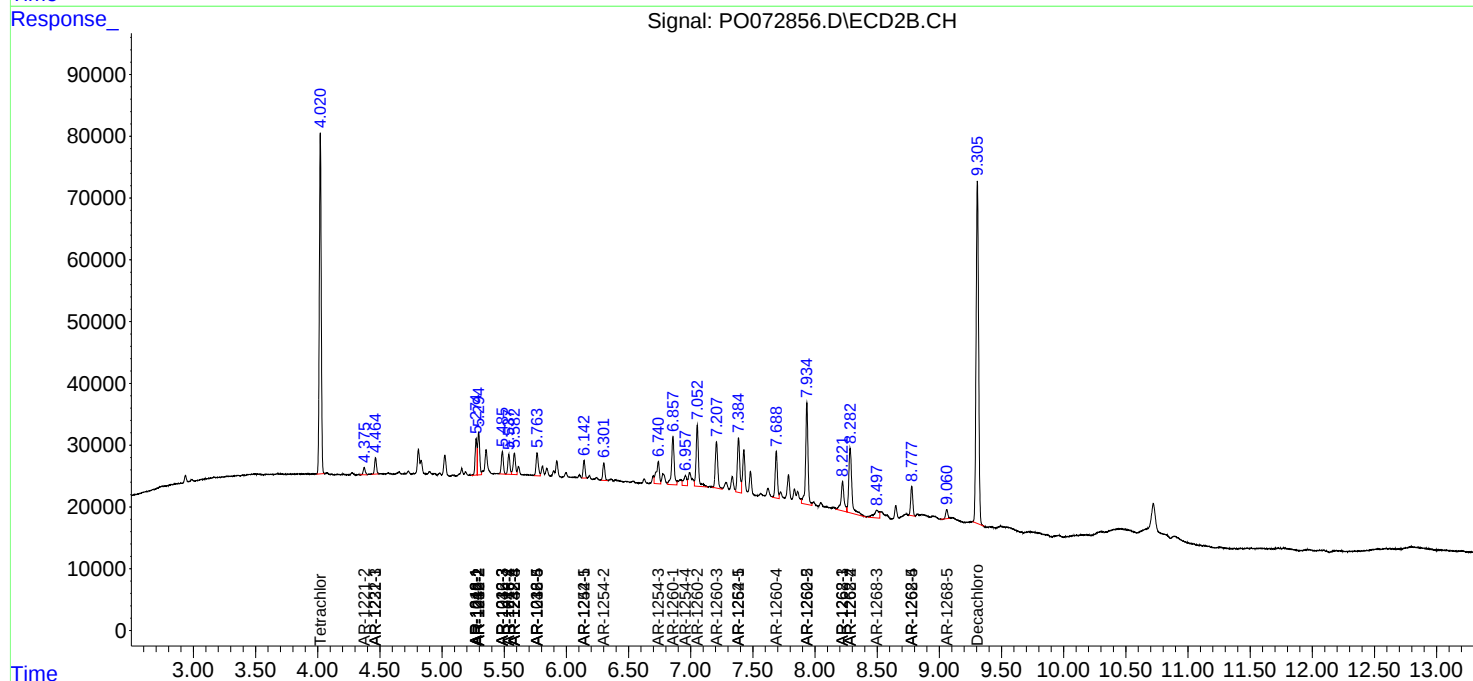
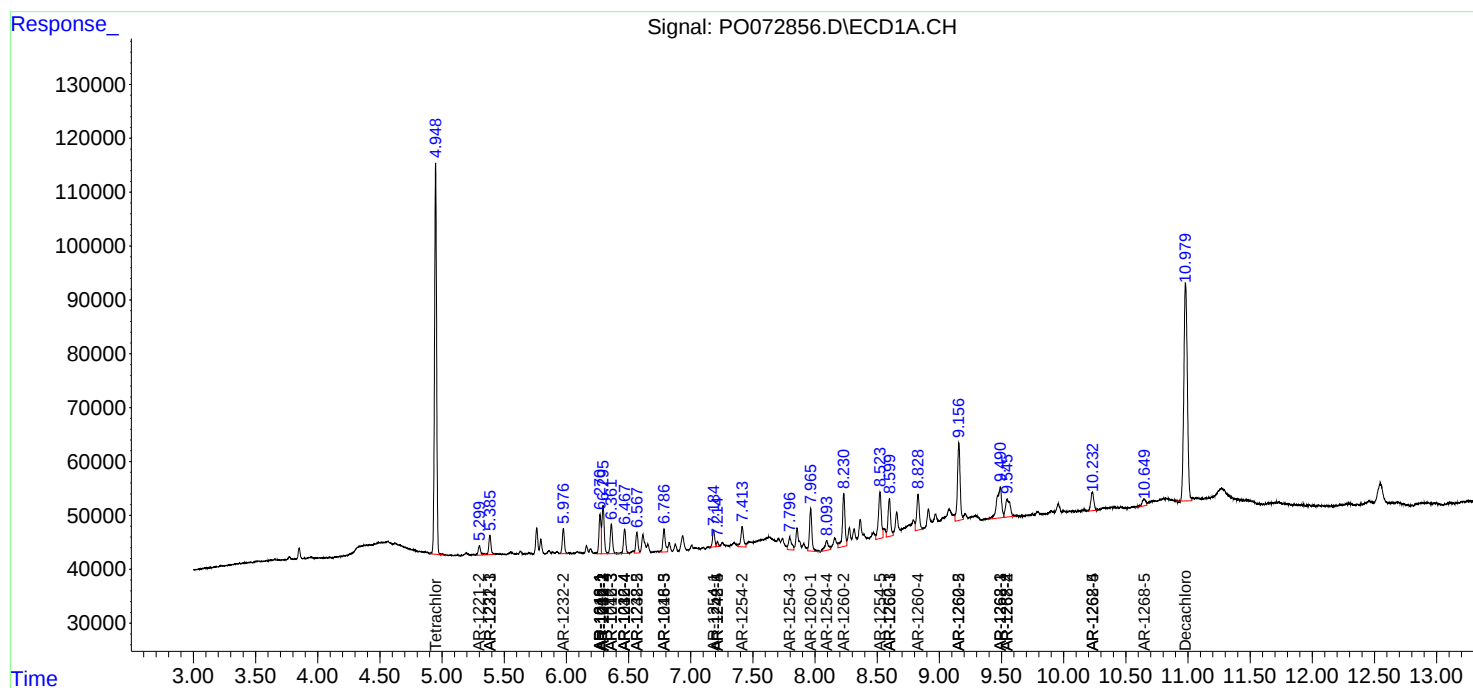
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

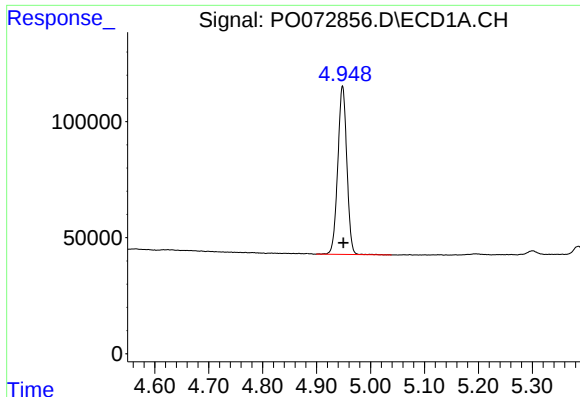
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102720\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

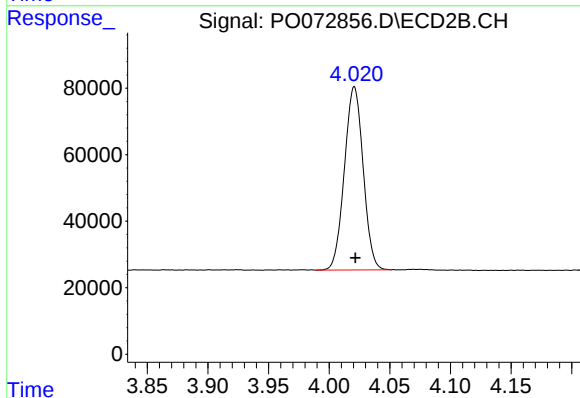




#1 Tetrachloro-m-xylene

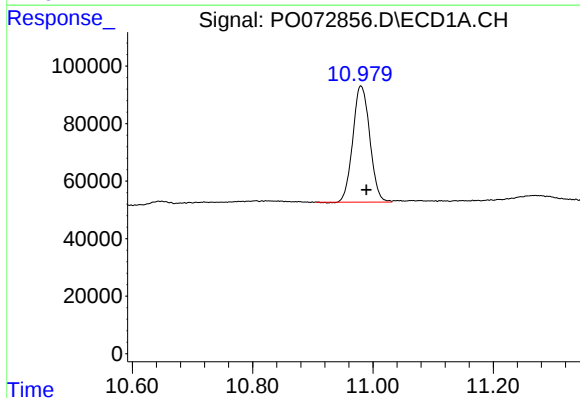
R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 846446
Conc: 18.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



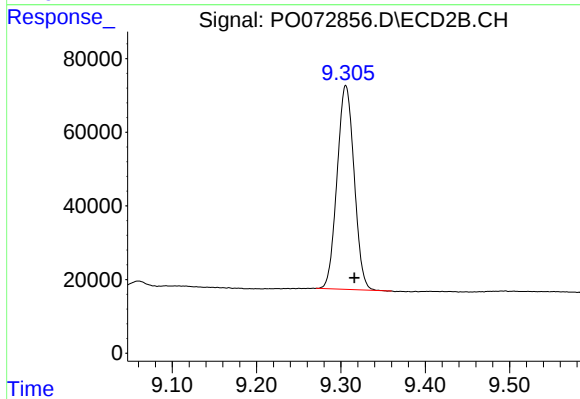
#1 Tetrachloro-m-xylene

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 592475
Conc: 16.90 ng/ml



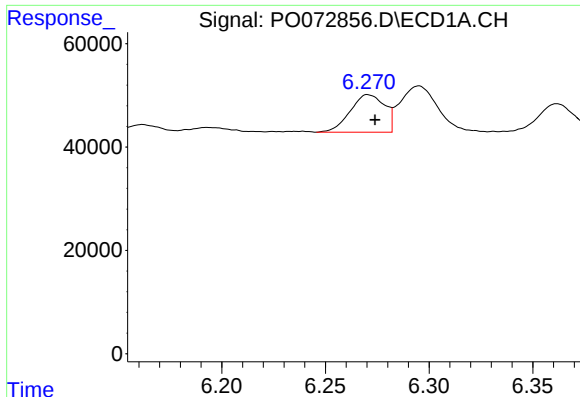
#2 Decachlorobiphenyl

R.T.: 10.980 min
Delta R.T.: -0.009 min
Response: 791978
Conc: 21.44 ng/ml



#2 Decachlorobiphenyl

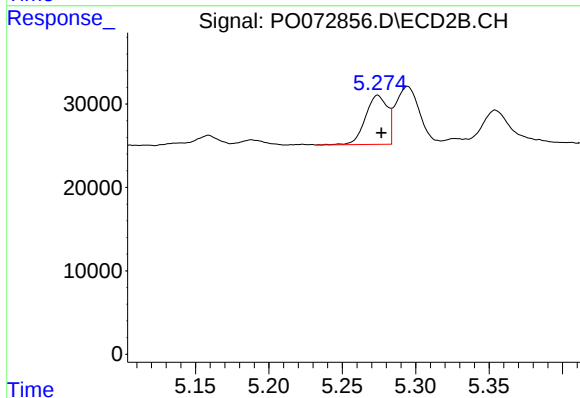
R.T.: 9.306 min
Delta R.T.: -0.010 min
Response: 777486
Conc: 23.31 ng/ml



#3 AR-1016-1

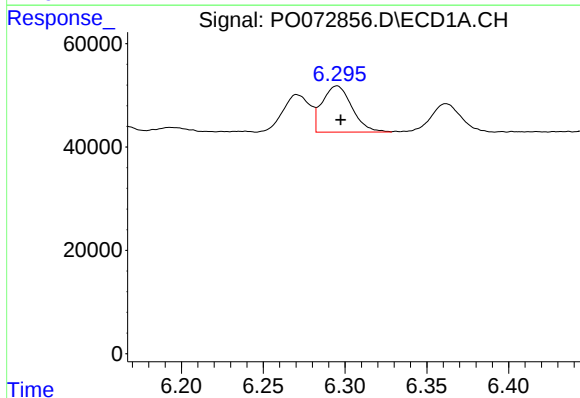
R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 84131
Conc: 49.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



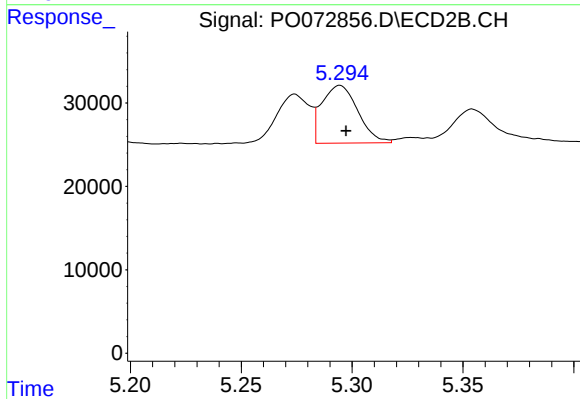
#3 AR-1016-1

R.T.: 5.274 min
Delta R.T.: -0.003 min
Response: 61560
Conc: 42.89 ng/ml



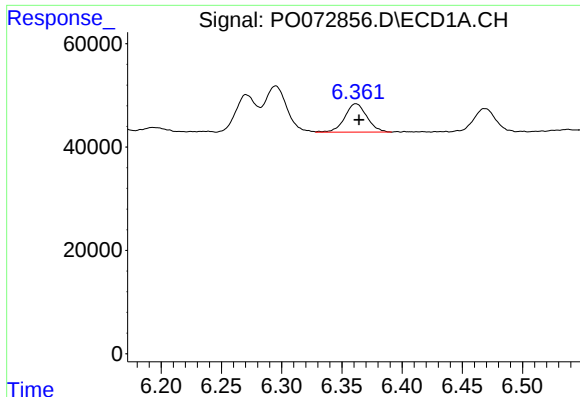
#4 AR-1016-2

R.T.: 6.295 min
Delta R.T.: -0.002 min
Response: 113283
Conc: 48.02 ng/ml



#4 AR-1016-2

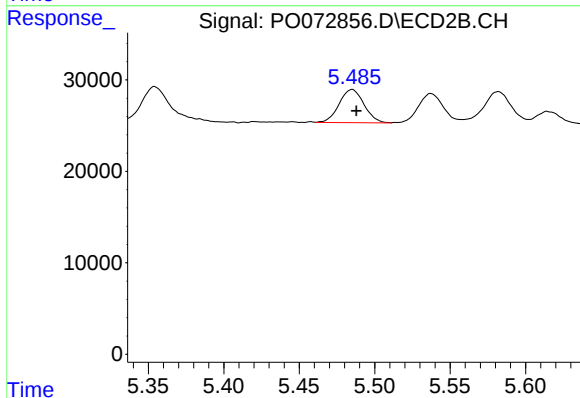
R.T.: 5.295 min
Delta R.T.: -0.003 min
Response: 78189
Conc: 40.41 ng/ml



#5 AR-1016-3

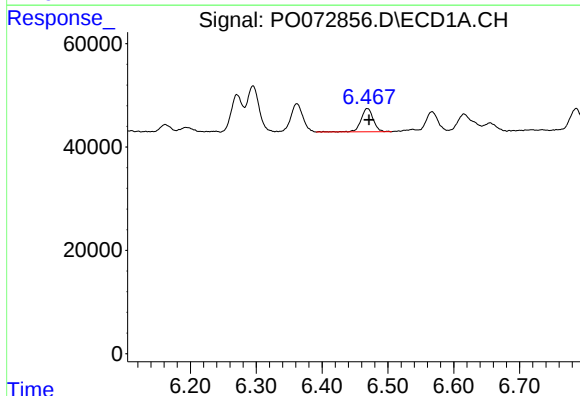
R.T.: 6.362 min
Delta R.T.: -0.002 min
Response: 69905
Conc: 48.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



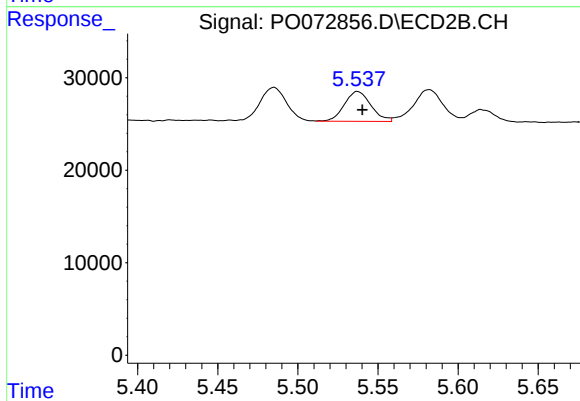
#5 AR-1016-3

R.T.: 5.485 min
Delta R.T.: -0.003 min
Response: 41675
Conc: 39.75 ng/ml



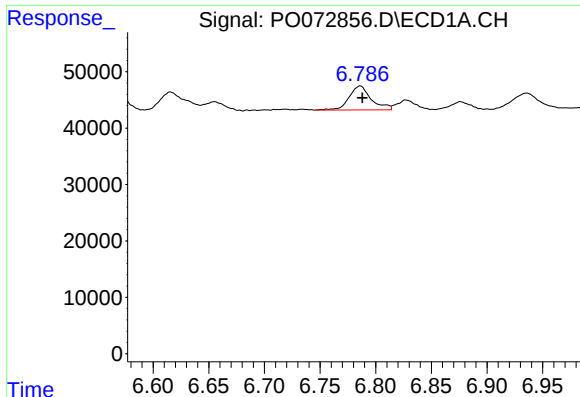
#6 AR-1016-4

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 58128
Conc: 49.48 ng/ml



#6 AR-1016-4

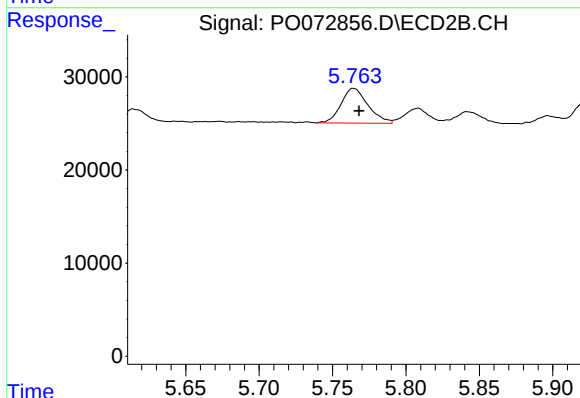
R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 37394
Conc: 43.16 ng/ml



#7 AR-1016-5

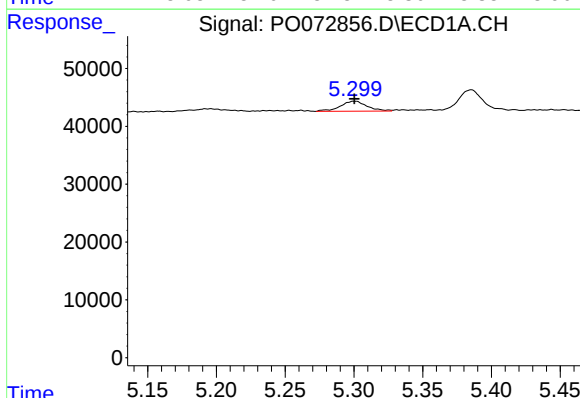
R.T.: 6.786 min
Delta R.T.: -0.002 min
Response: 59340
Conc: 55.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



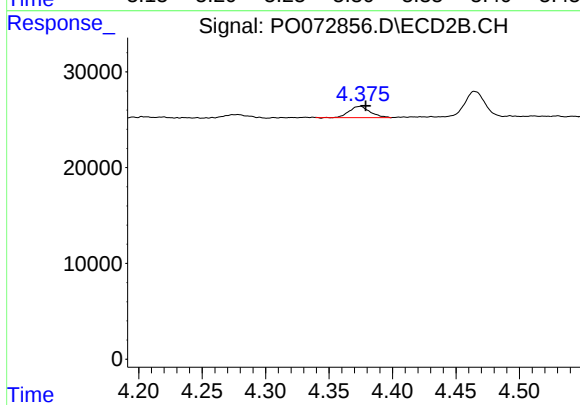
#7 AR-1016-5

R.T.: 5.764 min
Delta R.T.: -0.004 min
Response: 47651
Conc: 44.34 ng/ml



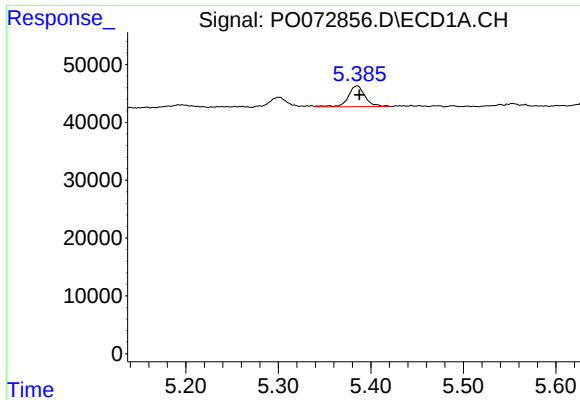
#9 AR-1221-2

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 23343
Conc: 57.32 ng/ml



#9 AR-1221-2

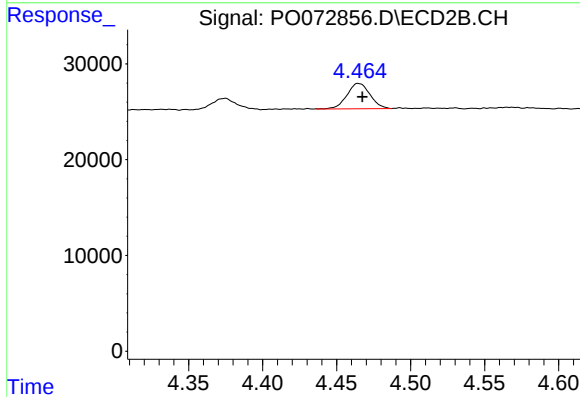
R.T.: 4.375 min
Delta R.T.: -0.004 min
Response: 13526
Conc: 39.83 ng/ml



#10 AR-1221-3

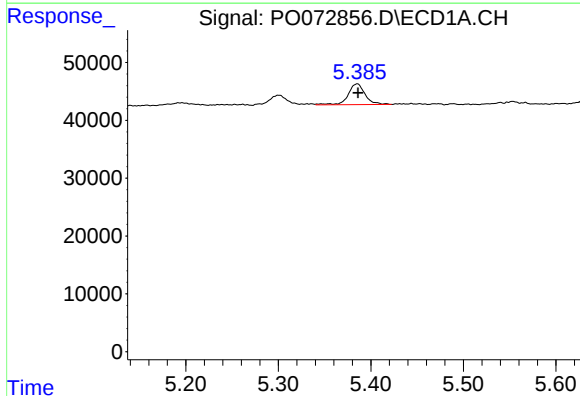
R.T.: 5.385 min
Delta R.T.: -0.002 min
Response: 45772
Conc: 37.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



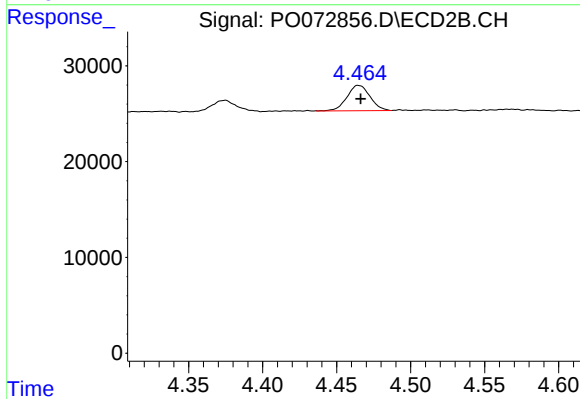
#10 AR-1221-3

R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 28548
Conc: 28.09 ng/ml



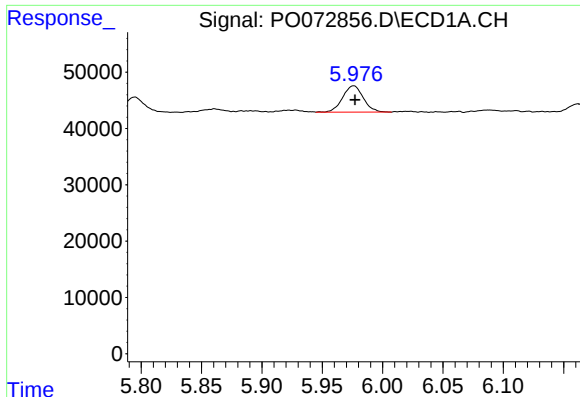
#11 AR-1232-1

R.T.: 5.385 min
Delta R.T.: -0.001 min
Response: 45772
Conc: 42.96 ng/ml



#11 AR-1232-1

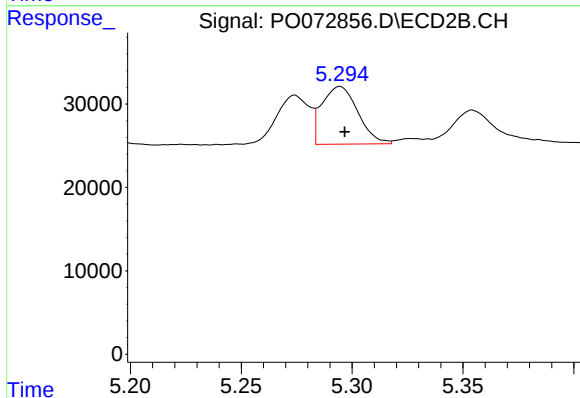
R.T.: 4.465 min
Delta R.T.: -0.002 min
Response: 28548
Conc: 32.56 ng/ml



#12 AR-1232-2

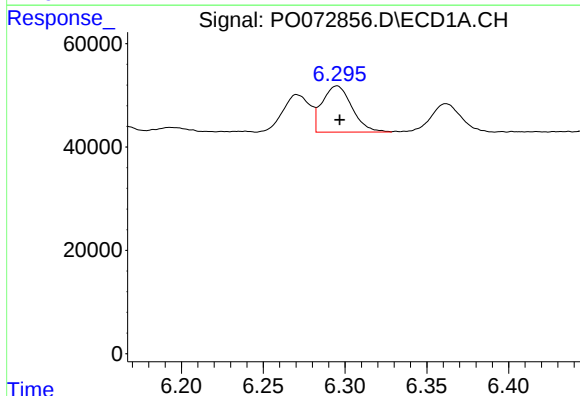
R.T.: 5.976 min
Delta R.T.: -0.001 min
Response: 55921
Conc: 105.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



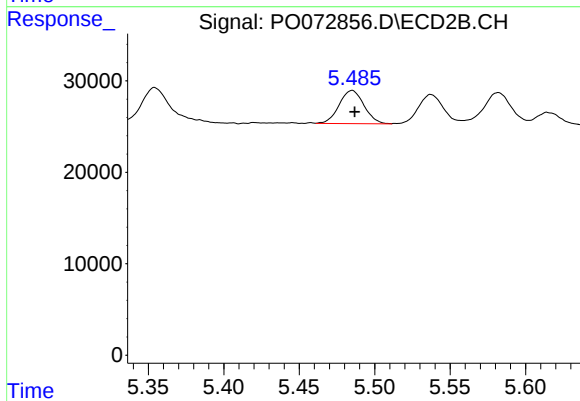
#12 AR-1232-2

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 78189
Conc: 89.27 ng/ml



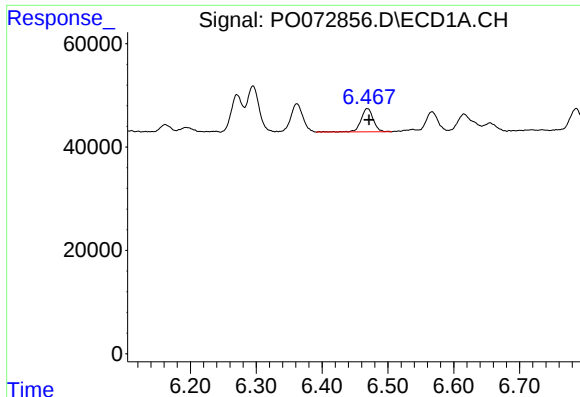
#13 AR-1232-3

R.T.: 6.295 min
Delta R.T.: -0.002 min
Response: 113283
Conc: 109.57 ng/ml



#13 AR-1232-3

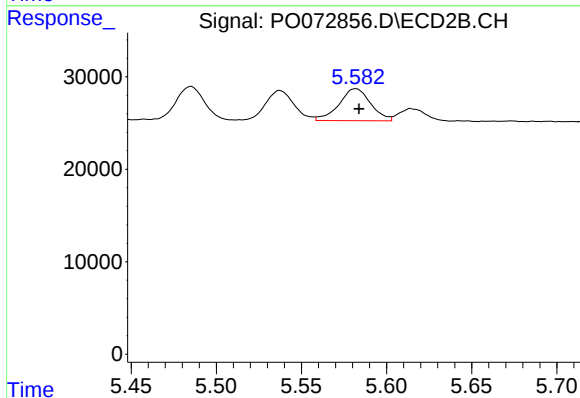
R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 41675
Conc: 88.71 ng/ml



#14 AR-1232-4

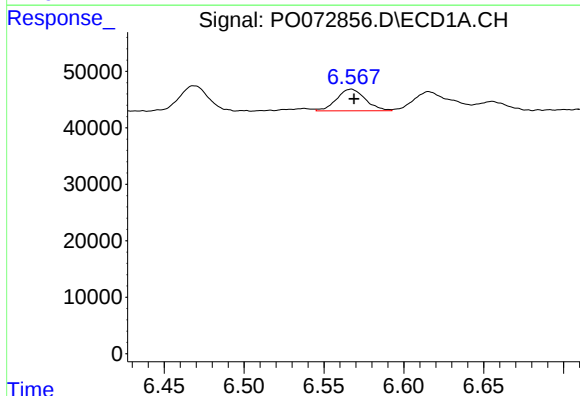
R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 58128
Conc: 113.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



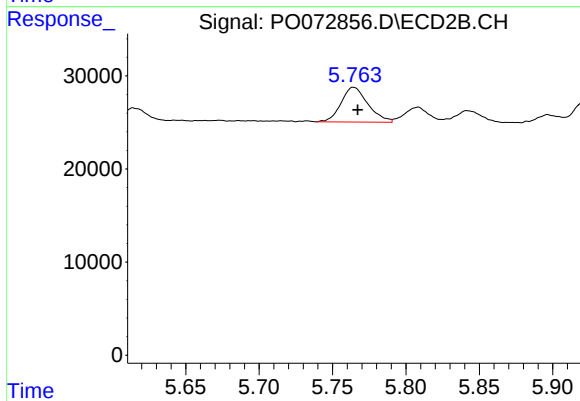
#14 AR-1232-4

R.T.: 5.582 min
Delta R.T.: -0.002 min
Response: 44791
Conc: 105.18 ng/ml



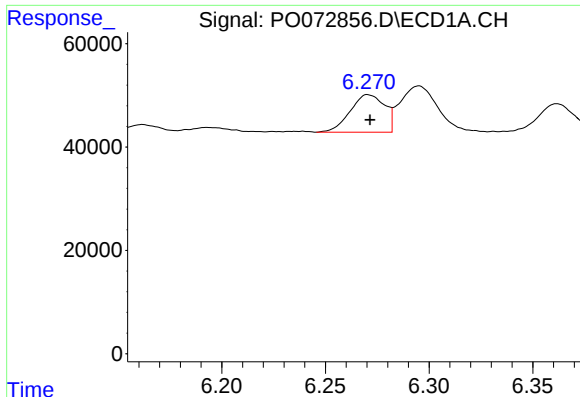
#15 AR-1232-5

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 47809
Conc: 135.08 ng/ml



#15 AR-1232-5

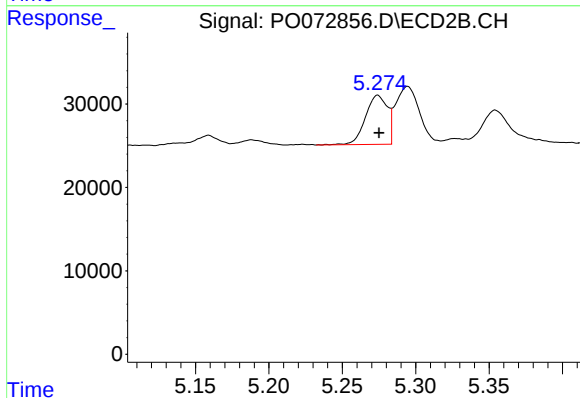
R.T.: 5.764 min
Delta R.T.: -0.003 min
Response: 47651
Conc: 102.13 ng/ml



#16 AR-1242-1

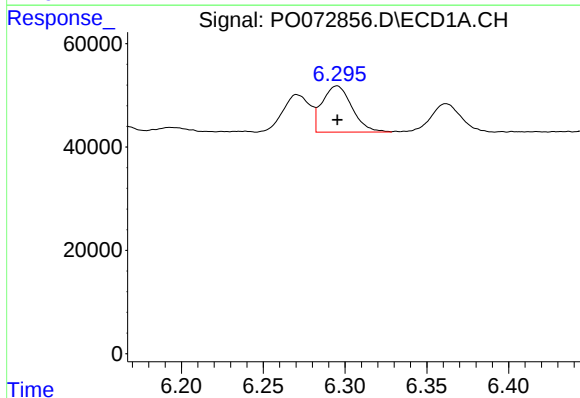
R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 84131
Conc: 60.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



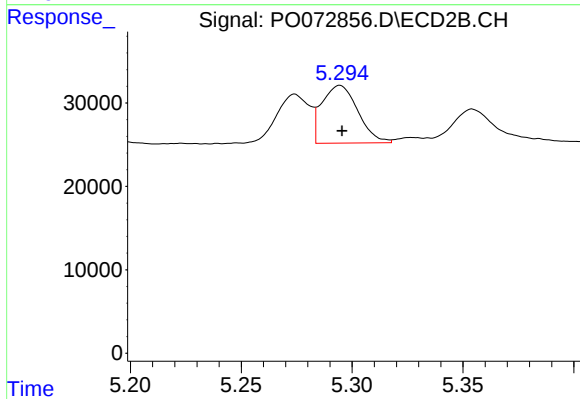
#16 AR-1242-1

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 61560
Conc: 52.36 ng/ml



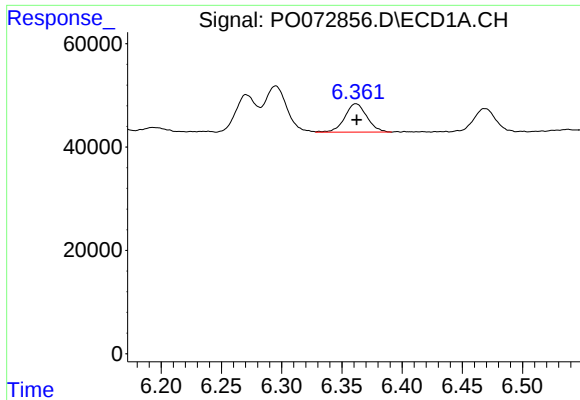
#17 AR-1242-2

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 113283
Conc: 59.26 ng/ml



#17 AR-1242-2

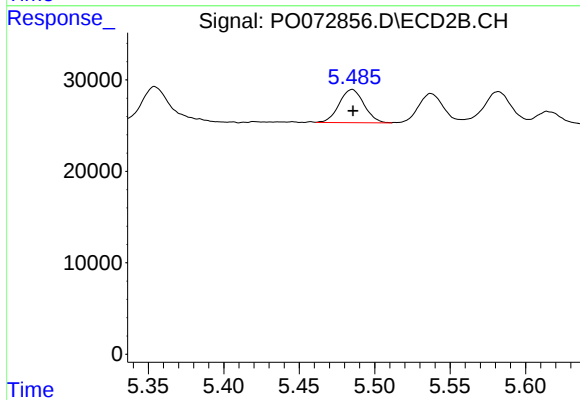
R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 78189
Conc: 49.24 ng/ml



#18 AR-1242-3

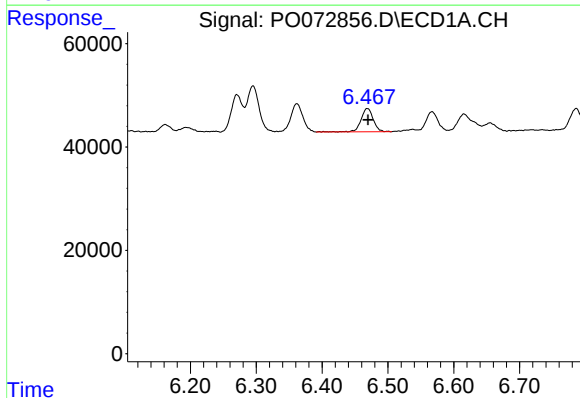
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 69905
Conc: 59.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



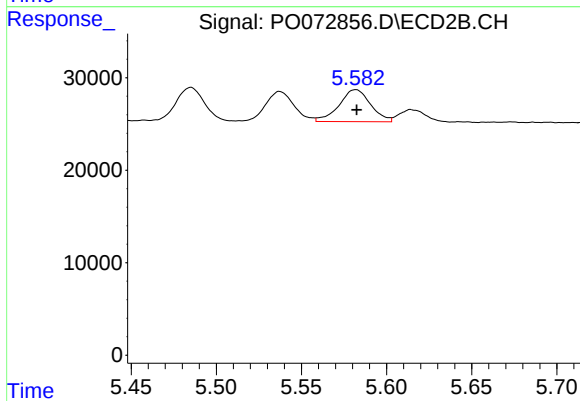
#18 AR-1242-3

R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 41675
Conc: 48.21 ng/ml



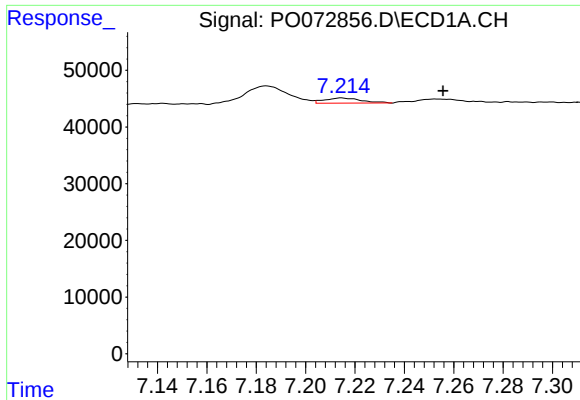
#19 AR-1242-4

R.T.: 6.469 min
Delta R.T.: -0.001 min
Response: 58128
Conc: 60.04 ng/ml



#19 AR-1242-4

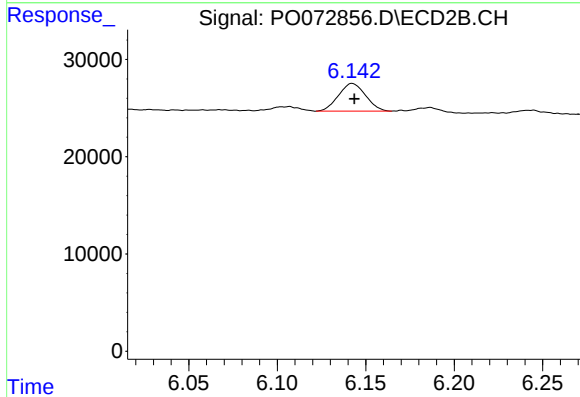
R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 44791
Conc: 53.96 ng/ml



#20 AR-1242-5

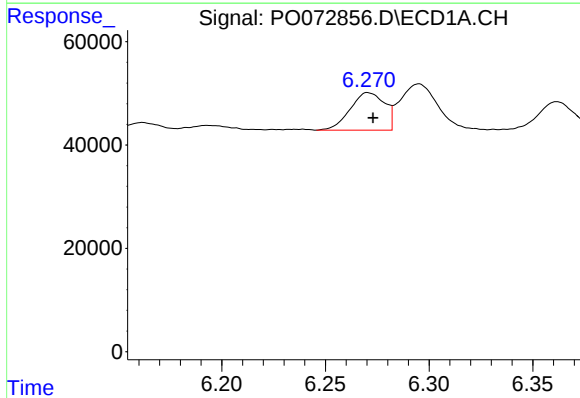
R.T.: 7.215 min
Delta R.T.: -0.041 min
Response: 9385
Conc: 9.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



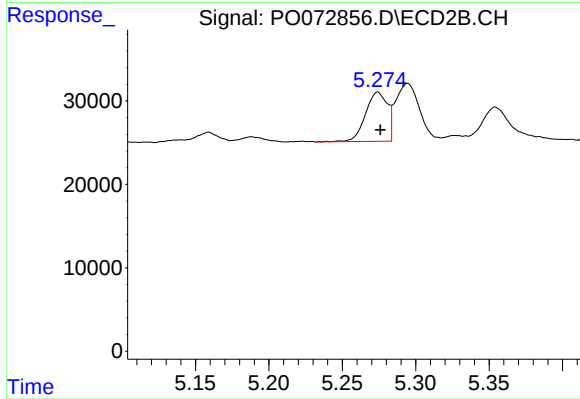
#20 AR-1242-5

R.T.: 6.142 min
Delta R.T.: -0.001 min
Response: 30481
Conc: 28.40 ng/ml



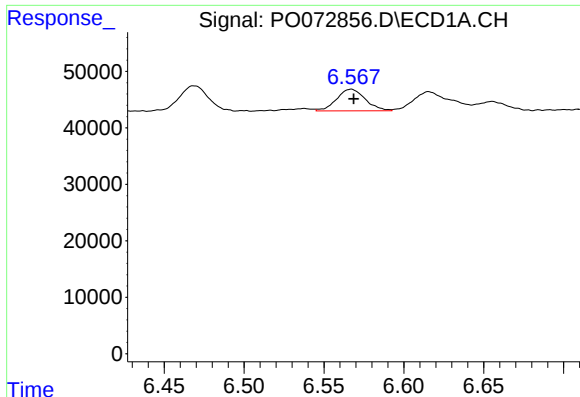
#21 AR-1248-1

R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 84131
Conc: 81.53 ng/ml



#21 AR-1248-1

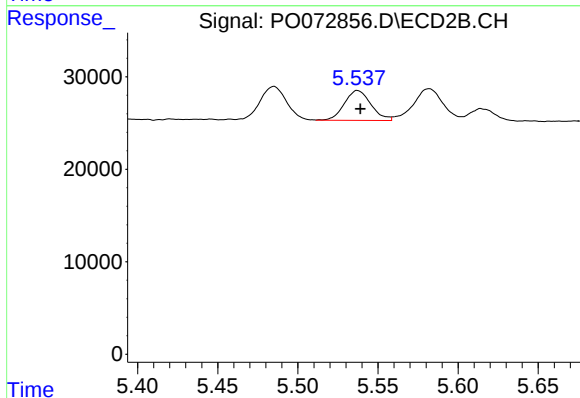
R.T.: 5.274 min
Delta R.T.: -0.002 min
Response: 61560
Conc: 64.93 ng/ml



#22 AR-1248-2

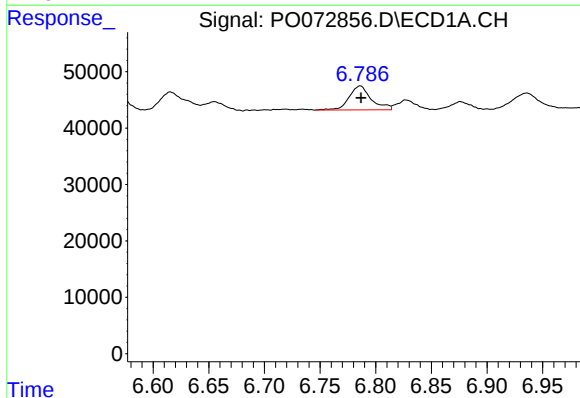
R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 47809
Conc: 36.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



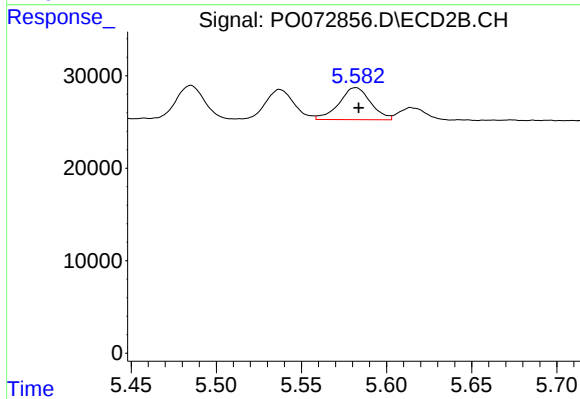
#22 AR-1248-2

R.T.: 5.537 min
Delta R.T.: -0.002 min
Response: 37394
Conc: 29.73 ng/ml



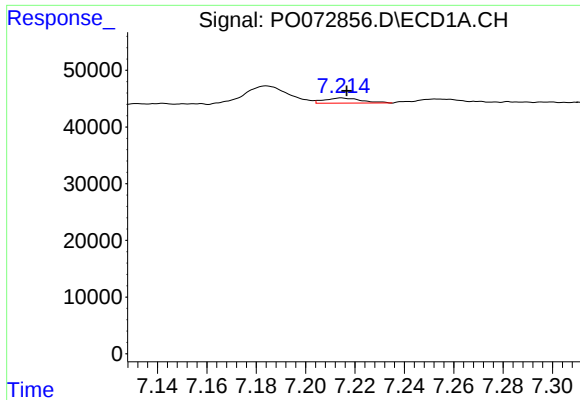
#23 AR-1248-3

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 59340
Conc: 40.05 ng/ml



#23 AR-1248-3

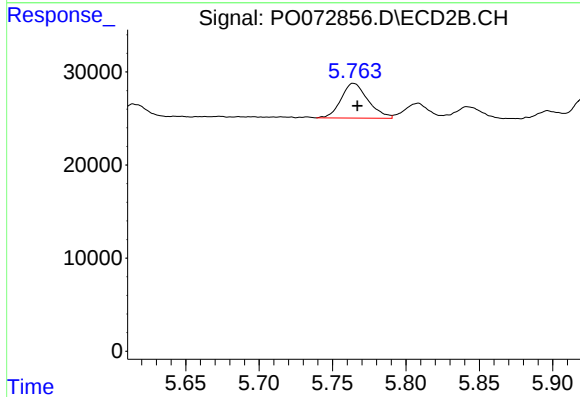
R.T.: 5.582 min
Delta R.T.: -0.002 min
Response: 44791
Conc: 34.63 ng/ml



#24 AR-1248-4

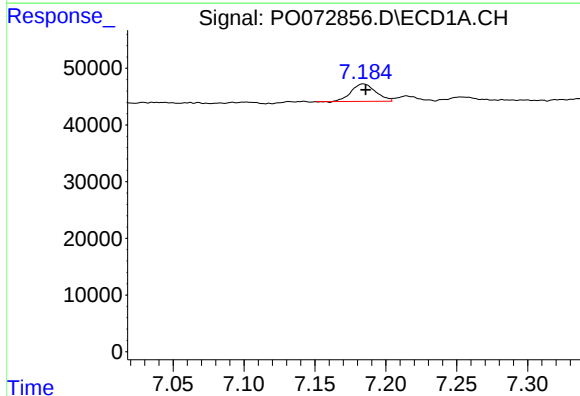
R.T.: 7.215 min
Delta R.T.: -0.002 min
Response: 9385
Conc: 5.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



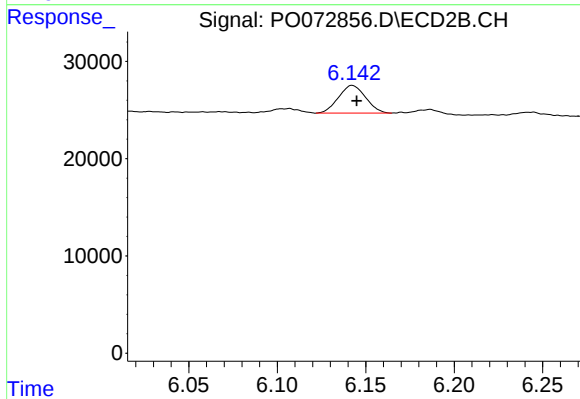
#24 AR-1248-4

R.T.: 5.764 min
Delta R.T.: -0.003 min
Response: 47651
Conc: 30.67 ng/ml



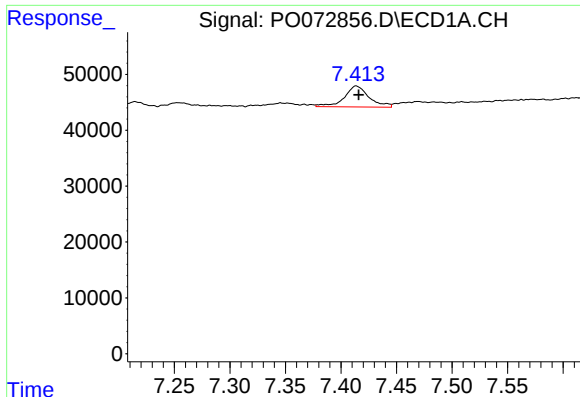
#26 AR-1254-1

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 37336
Conc: 21.54 ng/ml



#26 AR-1254-1

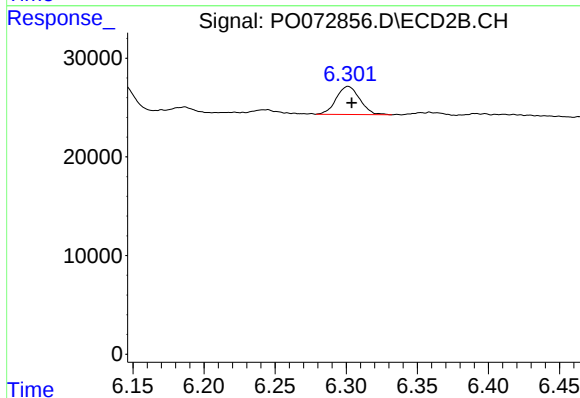
R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 30481
Conc: 13.54 ng/ml



#27 AR-1254-2

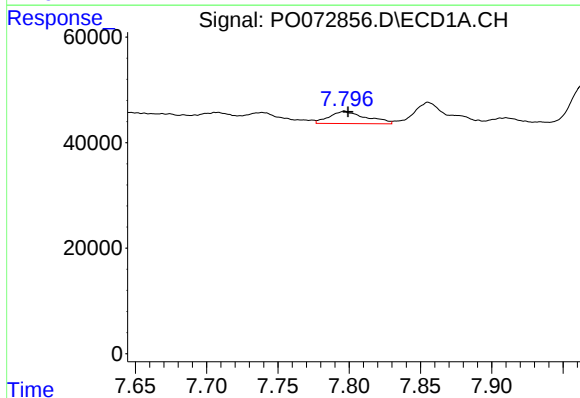
R.T.: 7.414 min
Delta R.T.: -0.002 min
Response: 58340
Conc: 21.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



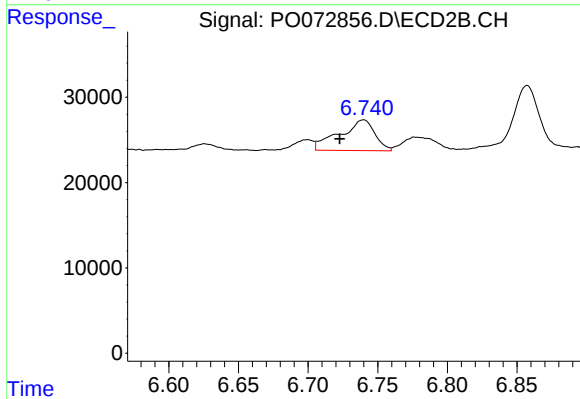
#27 AR-1254-2

R.T.: 6.301 min
Delta R.T.: -0.002 min
Response: 32878
Conc: 16.37 ng/ml



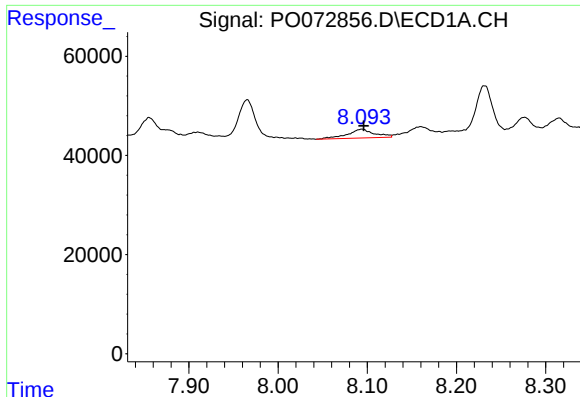
#28 AR-1254-3

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 41734
Conc: 15.44 ng/ml



#28 AR-1254-3

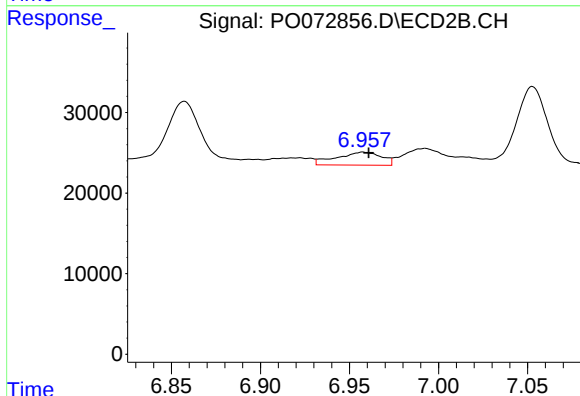
R.T.: 6.740 min
Delta R.T.: 0.017 min
Response: 63797
Conc: 20.08 ng/ml



#29 AR-1254-4

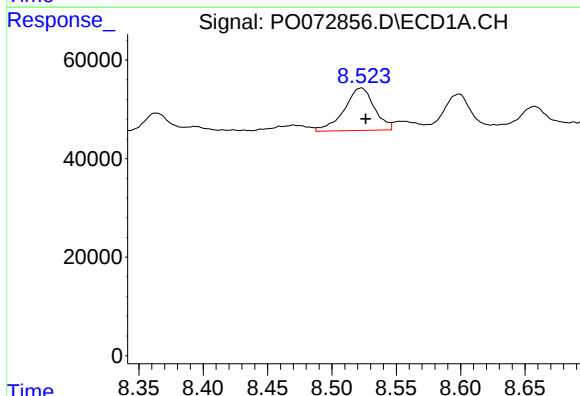
R.T.: 8.094 min
Delta R.T.: -0.001 min
Response: 37163
Conc: 16.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



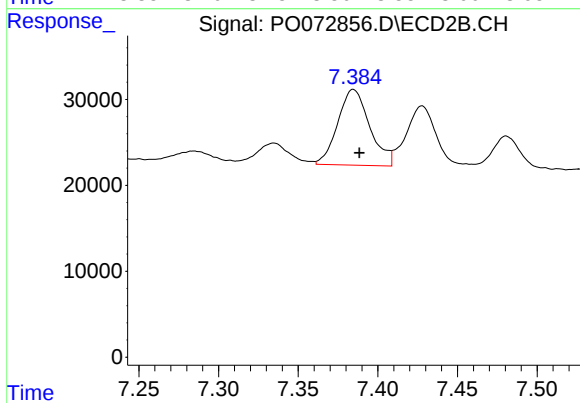
#29 AR-1254-4

R.T.: 6.958 min
Delta R.T.: -0.003 min
Response: 28492
Conc: 13.10 ng/ml



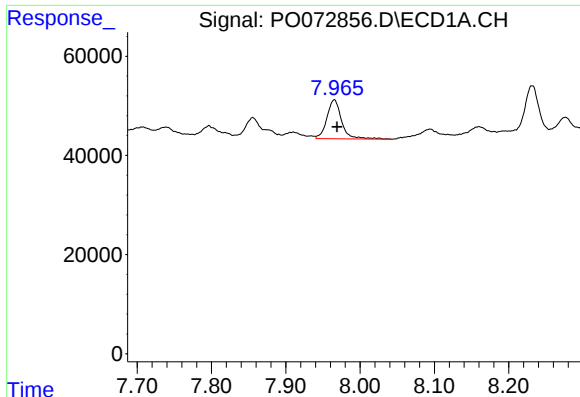
#30 AR-1254-5

R.T.: 8.523 min
Delta R.T.: -0.004 min
Response: 141161
Conc: 64.12 ng/ml



#30 AR-1254-5

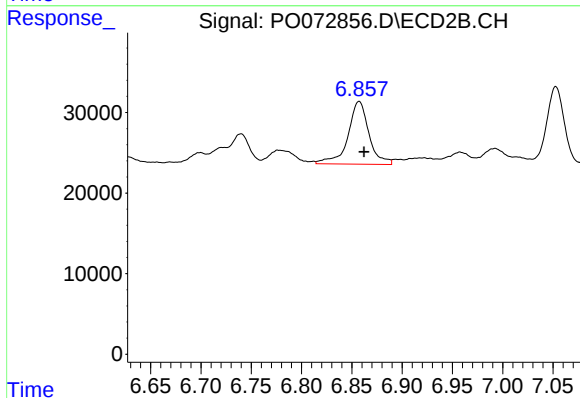
R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 123238
Conc: 44.28 ng/ml



#31 AR-1260-1

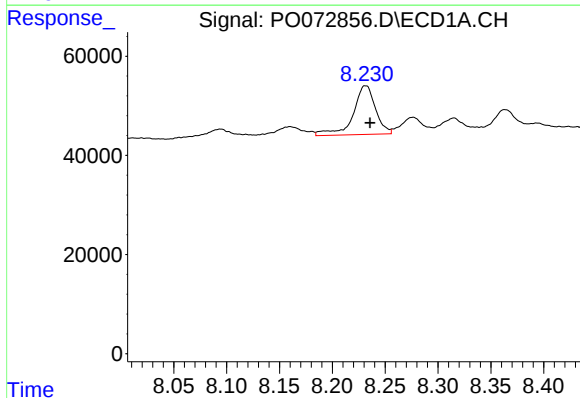
R.T.: 7.965 min
Delta R.T.: -0.004 min
Response: 108030
Conc: 58.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



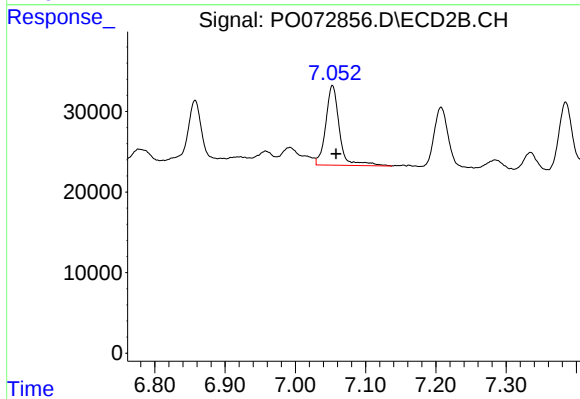
#31 AR-1260-1

R.T.: 6.857 min
Delta R.T.: -0.005 min
Response: 112776
Conc: 56.71 ng/ml



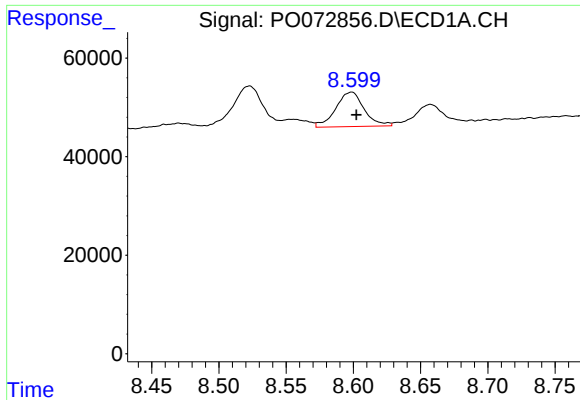
#32 AR-1260-2

R.T.: 8.232 min
Delta R.T.: -0.004 min
Response: 144886
Conc: 63.75 ng/ml



#32 AR-1260-2

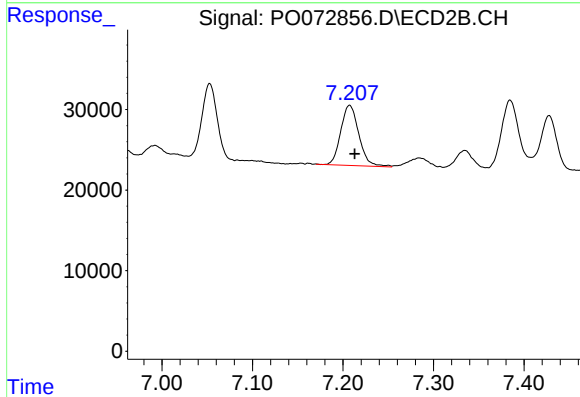
R.T.: 7.053 min
Delta R.T.: -0.005 min
Response: 133051
Conc: 53.10 ng/ml



#33 AR-1260-3

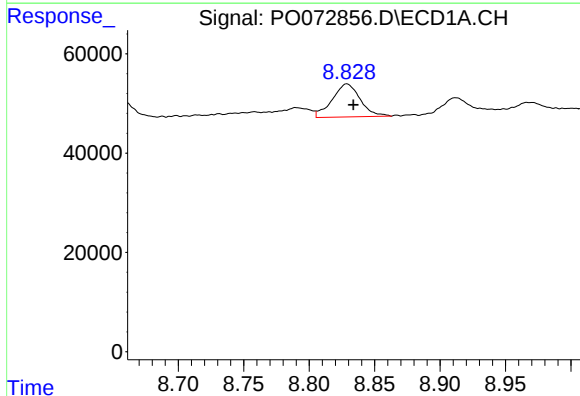
R.T.: 8.599 min
Delta R.T.: -0.004 min
Response: 102979
Conc: 60.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



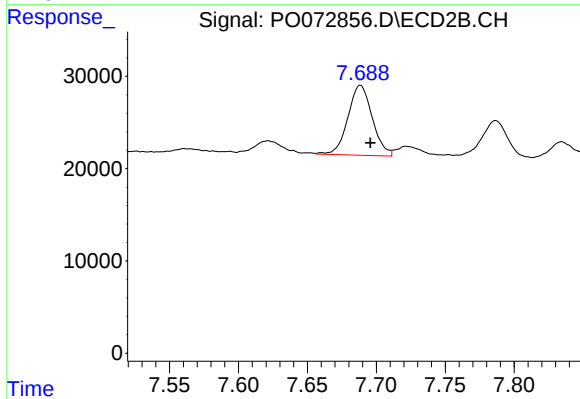
#33 AR-1260-3

R.T.: 7.207 min
Delta R.T.: -0.006 min
Response: 103503
Conc: 46.96 ng/ml



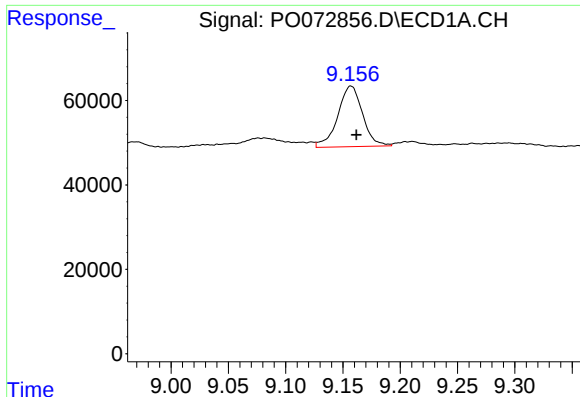
#34 AR-1260-4

R.T.: 8.829 min
Delta R.T.: -0.005 min
Response: 99200
Conc: 49.66 ng/ml



#34 AR-1260-4

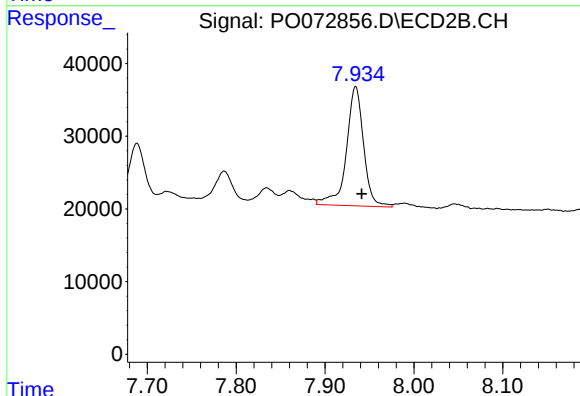
R.T.: 7.688 min
Delta R.T.: -0.007 min
Response: 93403
Conc: 50.75 ng/ml



#35 AR-1260-5

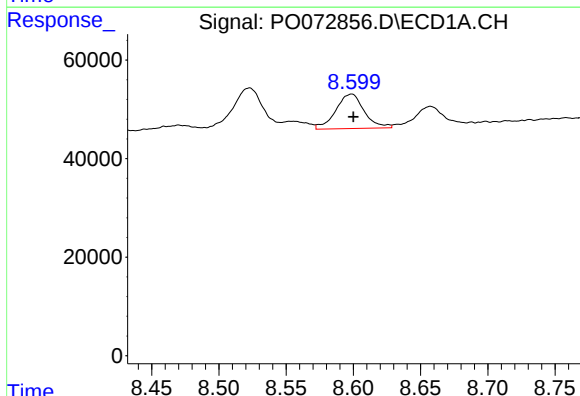
R.T.: 9.157 min
Delta R.T.: -0.005 min
Response: 216327
Conc: 53.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



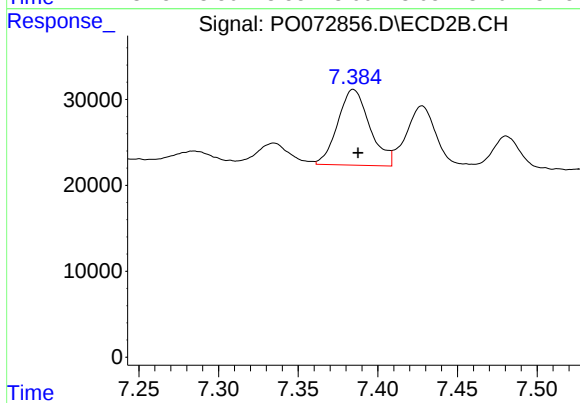
#35 AR-1260-5

R.T.: 7.934 min
Delta R.T.: -0.007 min
Response: 221453
Conc: 50.39 ng/ml



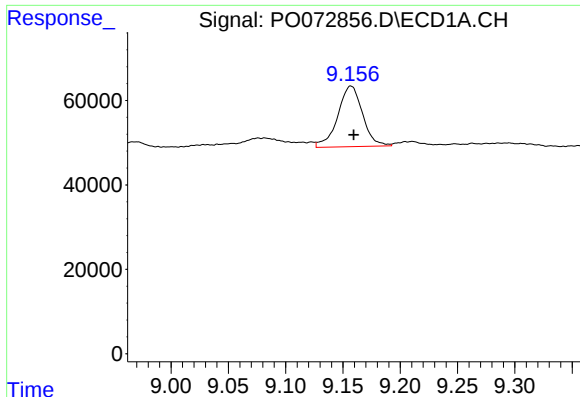
#36 AR-1262-1

R.T.: 8.599 min
Delta R.T.: -0.001 min
Response: 102979
Conc: 43.06 ng/ml



#36 AR-1262-1

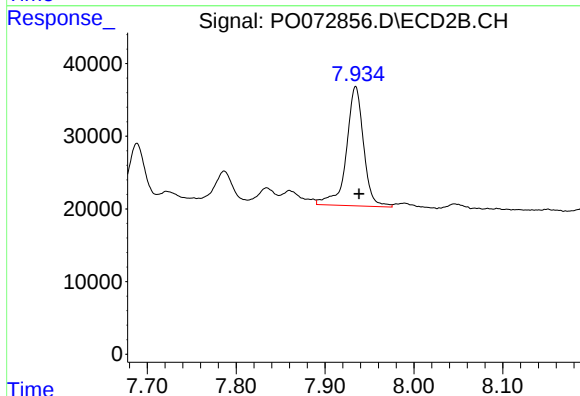
R.T.: 7.385 min
Delta R.T.: -0.003 min
Response: 123238
Conc: 88.88 ng/ml



#37 AR-1262-2

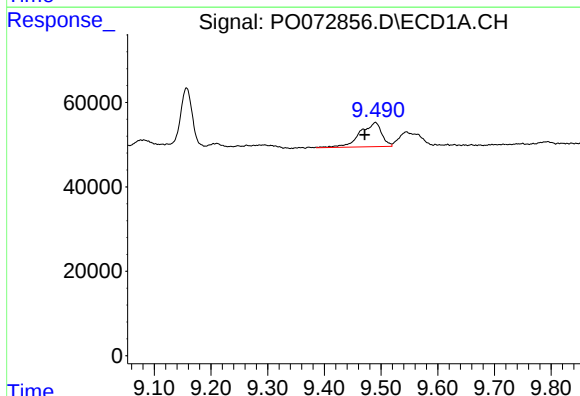
R.T.: 9.157 min
Delta R.T.: -0.002 min
Response: 216327
Conc: 48.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



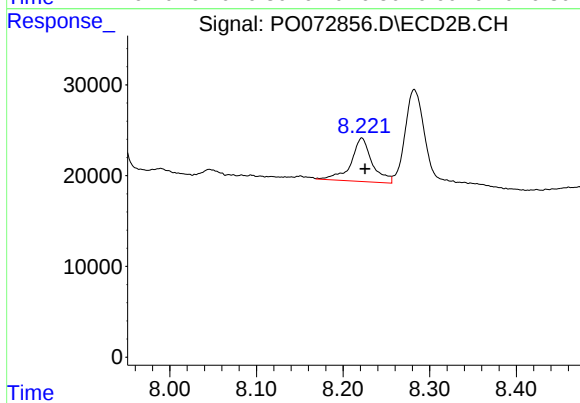
#37 AR-1262-2

R.T.: 7.934 min
Delta R.T.: -0.004 min
Response: 221453
Conc: 48.54 ng/ml



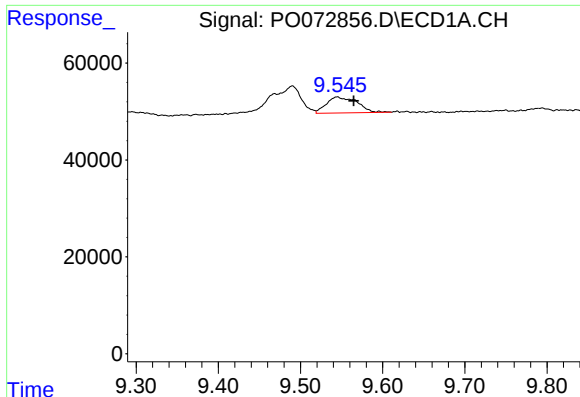
#38 AR-1262-3

R.T.: 9.490 min
Delta R.T.: 0.019 min
Response: 152038
Conc: 47.26 ng/ml



#38 AR-1262-3

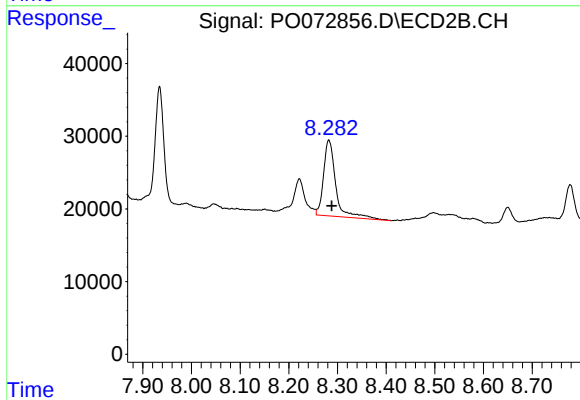
R.T.: 8.222 min
Delta R.T.: -0.004 min
Response: 81029
Conc: 44.28 ng/ml



#39 AR-1262-4

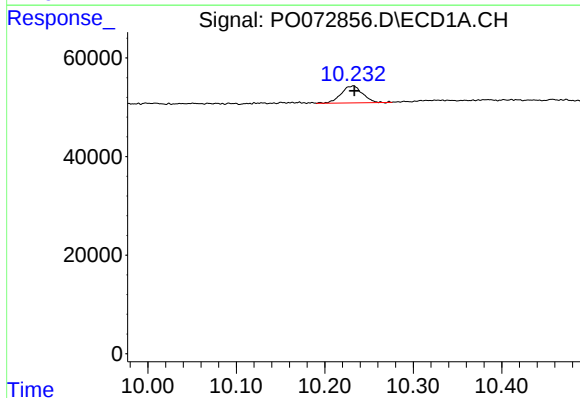
R.T.: 9.545 min
Delta R.T.: -0.020 min
Response: 85613
Conc: 35.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



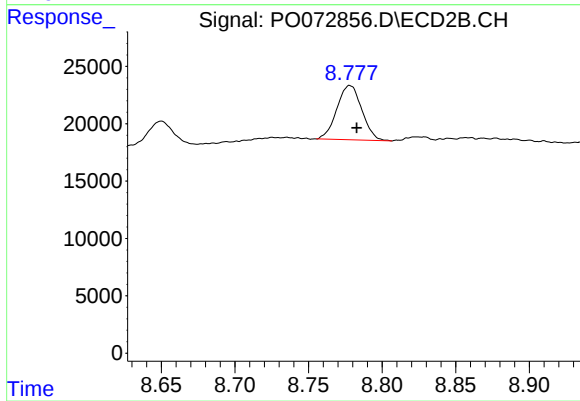
#39 AR-1262-4

R.T.: 8.282 min
Delta R.T.: -0.006 min
Response: 181907
Conc: 54.64 ng/ml



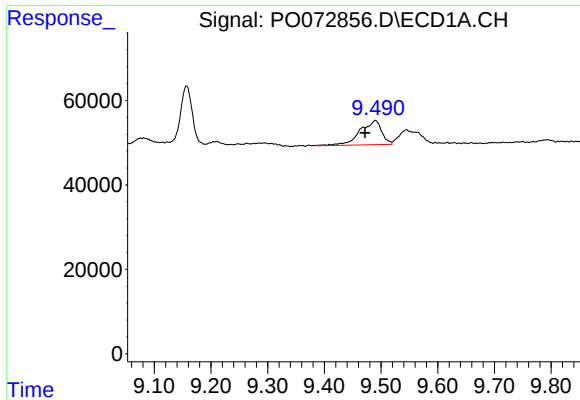
#40 AR-1262-5

R.T.: 10.232 min
Delta R.T.: -0.001 min
Response: 57894
Conc: 34.48 ng/ml



#40 AR-1262-5

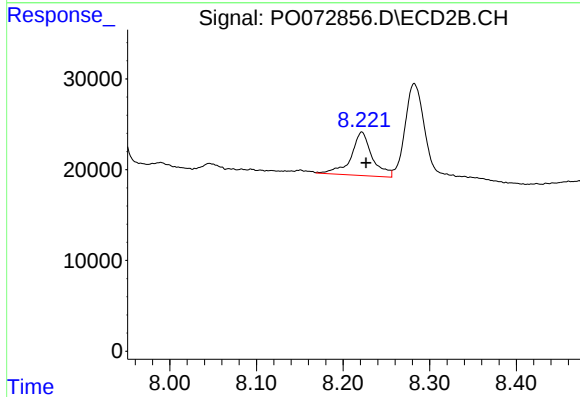
R.T.: 8.778 min
Delta R.T.: -0.005 min
Response: 55941
Conc: 34.16 ng/ml



#41 AR-1268-1

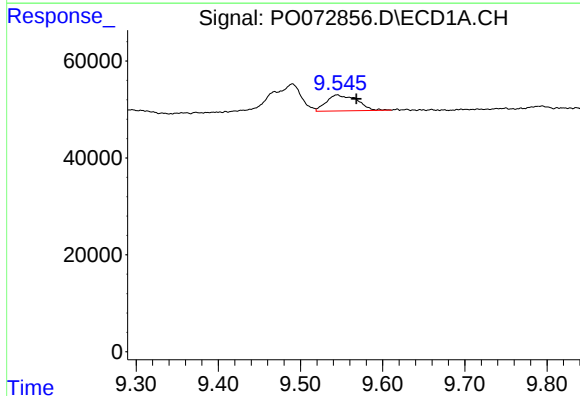
R.T.: 9.490 min
Delta R.T.: 0.018 min
Response: 152038
Conc: 27.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



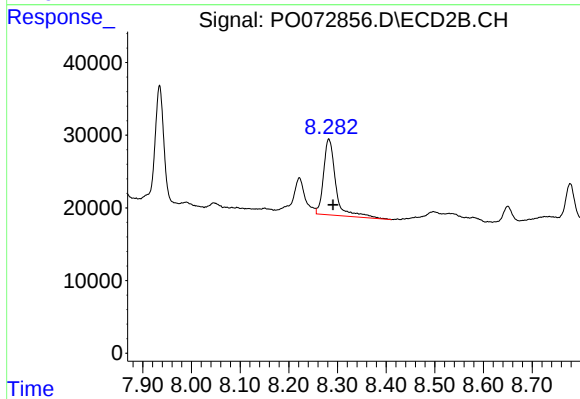
#41 AR-1268-1

R.T.: 8.222 min
Delta R.T.: -0.005 min
Response: 81029
Conc: 15.55 ng/ml



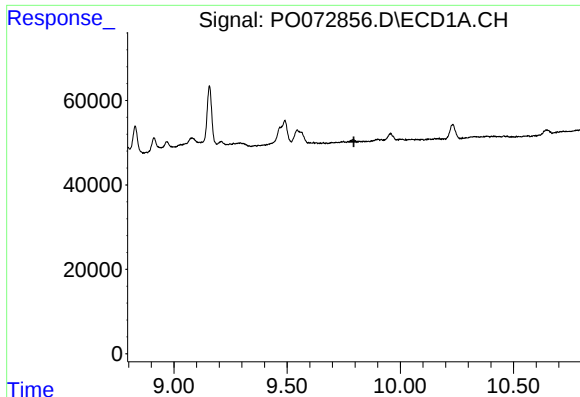
#42 AR-1268-2

R.T.: 9.545 min
Delta R.T.: -0.023 min
Response: 85613
Conc: 16.91 ng/ml



#42 AR-1268-2

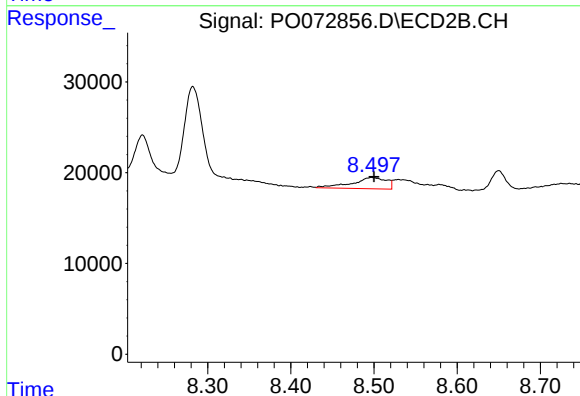
R.T.: 8.282 min
Delta R.T.: -0.008 min
Response: 181907
Conc: 38.83 ng/ml



#43 AR-1268-3

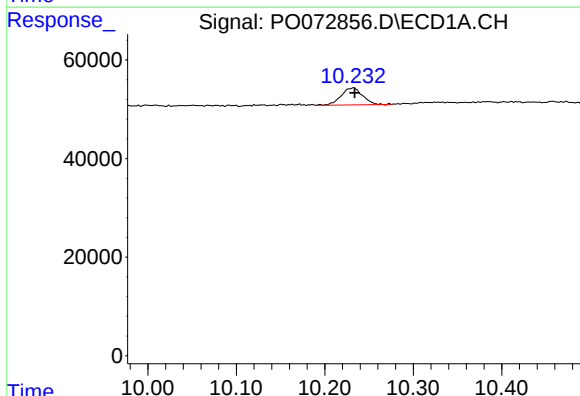
R.T.: 0.000 min
Exp R.T.: 9.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



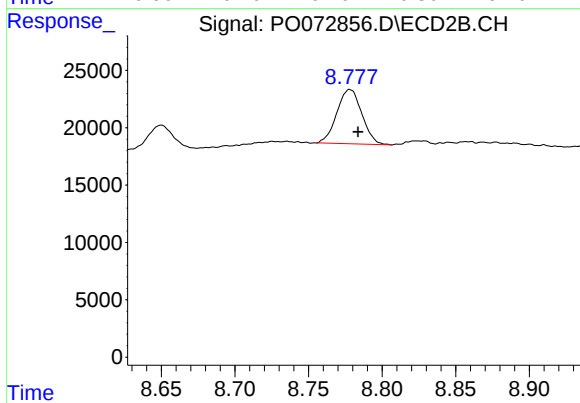
#43 AR-1268-3

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 36013
Conc: 8.56 ng/ml



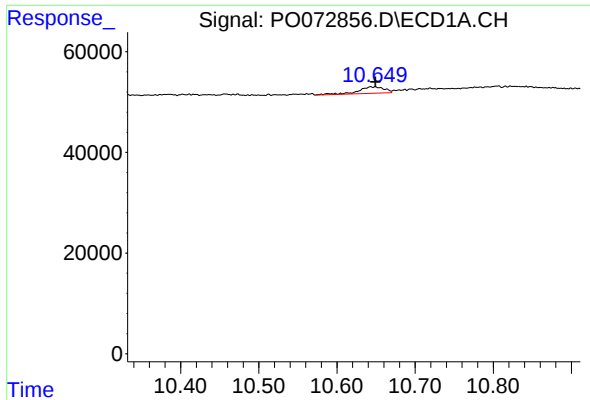
#44 AR-1268-4

R.T.: 10.232 min
Delta R.T.: -0.002 min
Response: 57894
Conc: 30.63 ng/ml



#44 AR-1268-4

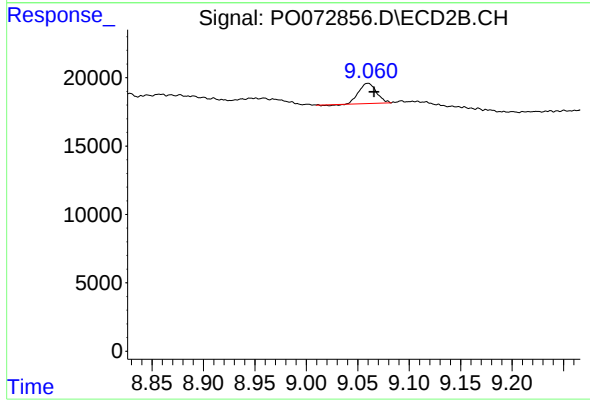
R.T.: 8.778 min
Delta R.T.: -0.005 min
Response: 55941
Conc: 30.44 ng/ml



#45 AR-1268-5

R.T.: 10.649 min
Delta R.T.: 0.000 min
Response: 29365
Conc: 2.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.060 min
Delta R.T.: -0.006 min
Response: 17554
Conc: 1.36 ng/ml