

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO123019\
 Data File : PO065091.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Dec 2019 14:52
 Operator : AJ/MA
 Sample : K6443-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PH-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 17:51:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO122619.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 26 13:32:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

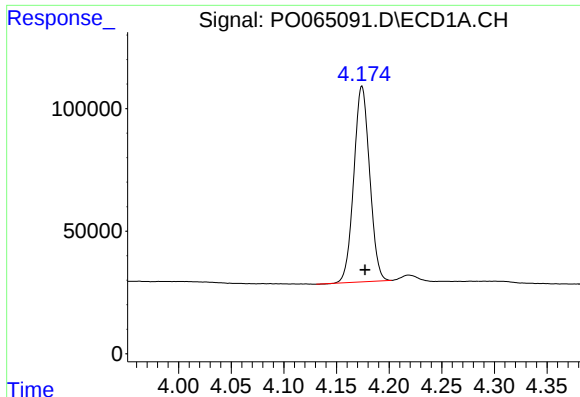
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.174	3.448	835887	1052534	35.588	37.368
2)	SA Decachlor...	9.691	8.363	586757	693896	23.112	21.181
Target Compounds							
3)	L1 AR-1016-1	5.261	0.000	39082	0	34.878	N.D. #
6)	L1 AR-1016-4	0.000	4.784	0	79069	N.D.	90.437 #
7)	L1 AR-1016-5	5.793	4.957	34742	83201	43.903	74.535 #
8)	L2 AR-1221-1	0.000	3.608	0	36529	N.D.	131.681 #
10)	L2 AR-1221-3	0.000	3.871	0	235117	N.D.	341.260 #
11)	L3 AR-1232-1	0.000	3.871	0	235117	N.D.	201.074 #
14)	L3 AR-1232-4	0.000	4.784	0	79069	N.D.	116.564 #
15)	L3 AR-1232-5	0.000	4.957	0	83201	N.D.	113.273 #
16)	L4 AR-1242-1	5.261	0.000	39082	0	49.887	N.D. #
19)	L4 AR-1242-4	0.000	4.784	0	79069	N.D.	106.779 #
20)	L4 AR-1242-5	6.235	5.300	56299	91608	78.540	91.255
21)	L5 AR-1248-1	5.261	0.000	39082	0	64.134	N.D. #
22)	L5 AR-1248-2	0.000	4.784	0	79069	N.D.	75.369 #
23)	L5 AR-1248-3	5.793	4.784	34742	79069	35.352	72.839 #
24)	L5 AR-1248-4	6.172	4.957	478422	83201	389.704	63.601 #
25)	L5 AR-1248-5	6.235	5.300	56299	91608	47.783	46.527
26)	L6 AR-1254-1	6.172	5.300	478422	91608	375.642	40.470 #
27)	L6 AR-1254-2	6.387	5.446	68462	82678	34.212	41.019
28)	L6 AR-1254-3	6.756	5.846	566195	479827	253.243	142.016 #
29)	L6 AR-1254-4	7.032	6.072	63428	79304	37.630	36.720
30)	L6 AR-1254-5	7.447	6.485	187753	241029	96.083	80.088
31)	L7 AR-1260-1	6.908	5.973	319376	327090	198.904	148.697 #
32)	L7 AR-1260-2	7.165	6.147	136545	742020	70.605	268.532 #
33)	L7 AR-1260-3	7.522	6.312	125348	177708	87.116	72.640
34)	L7 AR-1260-4	7.746	6.780	151455	150022	89.101	74.411
35)	L7 AR-1260-5	8.052	7.022	224861	346602	69.586	73.727
36)	L8 AR-1262-1	7.522	6.576	125348	116384	55.071	88.651 #
37)	L8 AR-1262-2	8.052	7.022	224861	346602	58.415	61.762
38)	L8 AR-1262-3	8.350	7.303	156428	83056	59.905	39.656 #
39)	L8 AR-1262-4	8.421	7.366	46826	242496	23.551	61.128 #
40)	L8 AR-1262-5	9.019	7.859	68563	78070	51.375	47.073
41)	L9 AR-1268-1	8.350	7.303	156428	83056	36.872	13.990 #
42)	L9 AR-1268-2	8.421	7.366	46826	242496	12.093	45.282 #
43)	L9 AR-1268-3	0.000	7.573	0	35677	N.D.	8.125 #
44)	L9 AR-1268-4	9.019	7.859	68563	78070	51.119	45.212
45)	L9 AR-1268-5	9.392	8.130	34197	58697	3.753	4.770 #

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

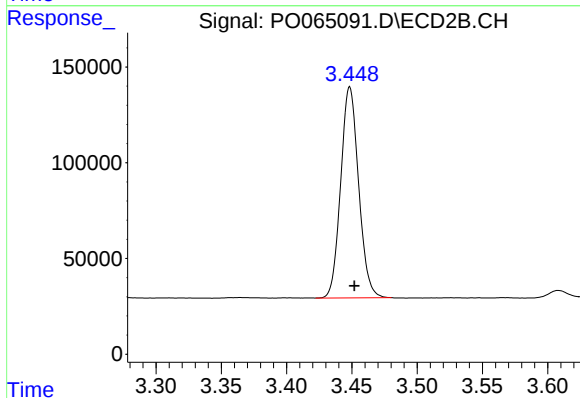
Instrument :
ECD_O
ClientSampleId :
PH-1



#1 Tetrachloro-m-xylene

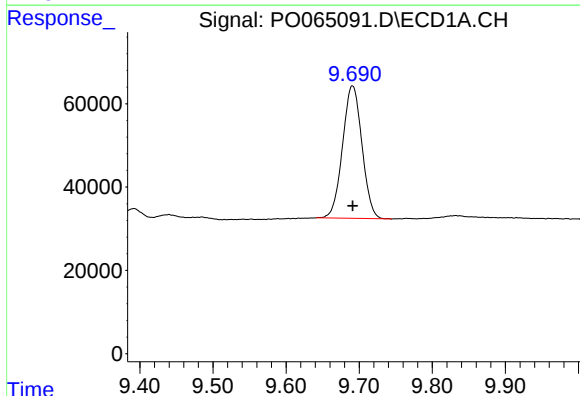
R.T.: 4.174 min
Delta R.T.: -0.003 min
Response: 835887
Conc: 35.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



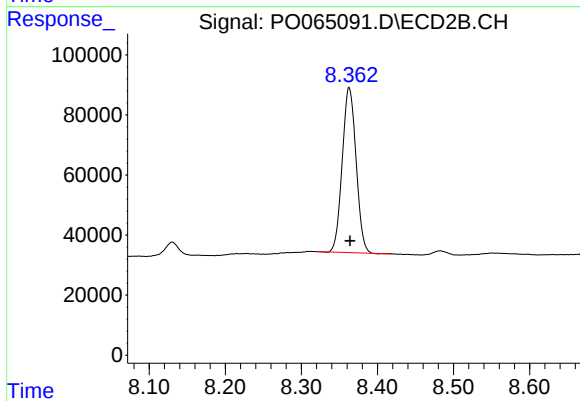
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: -0.003 min
Response: 1052534
Conc: 37.37 ng/ml



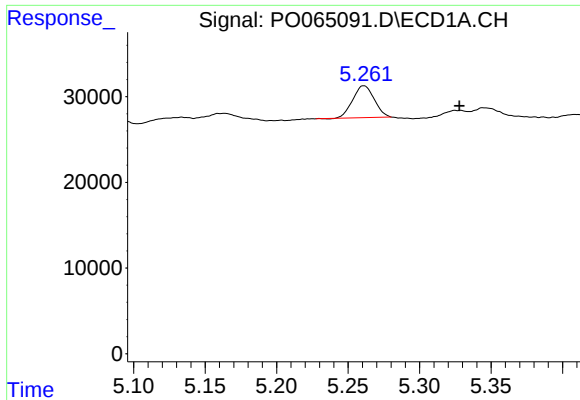
#2 Decachlorobiphenyl

R.T.: 9.691 min
Delta R.T.: 0.000 min
Response: 586757
Conc: 23.11 ng/ml



#2 Decachlorobiphenyl

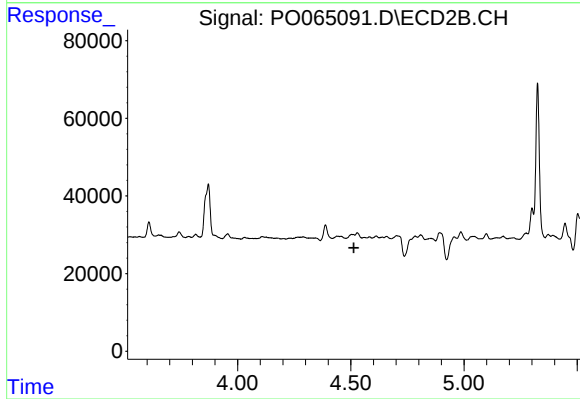
R.T.: 8.363 min
Delta R.T.: -0.001 min
Response: 693896
Conc: 21.18 ng/ml



#3 AR-1016-1

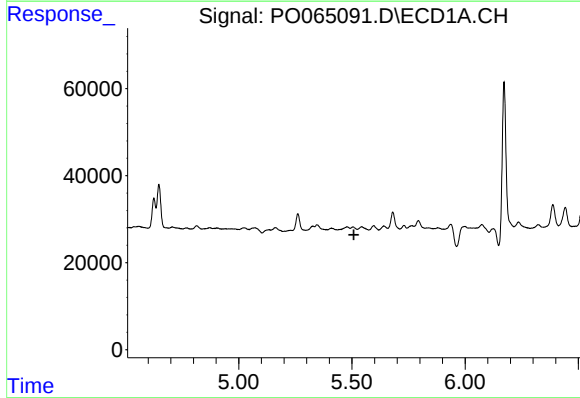
R.T.: 5.261 min
Delta R.T.: -0.067 min
Response: 39082
Conc: 34.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



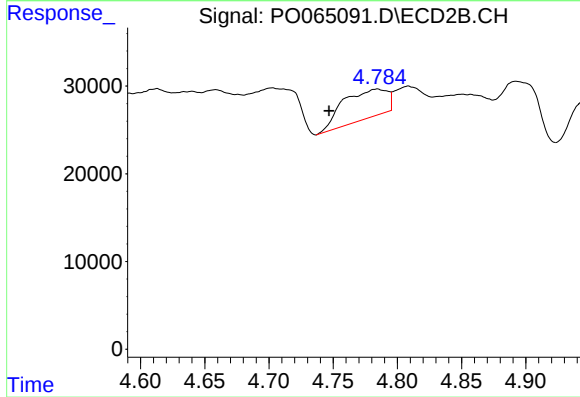
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.514 min
Response: 0
Conc: N.D.



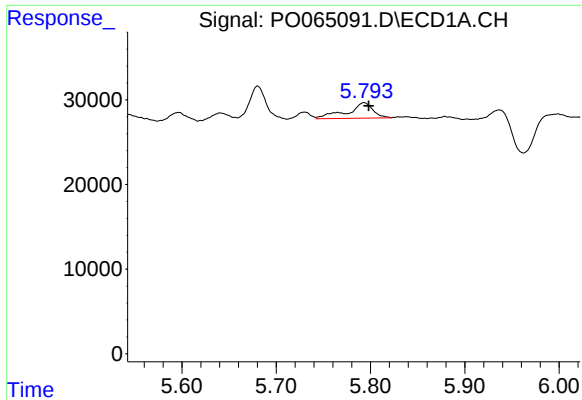
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.508 min
Response: 0
Conc: N.D.



#6 AR-1016-4

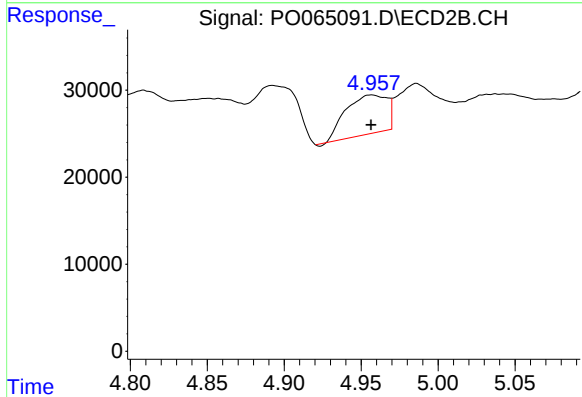
R.T.: 4.784 min
Delta R.T.: 0.037 min
Response: 79069
Conc: 90.44 ng/ml



#7 AR-1016-5

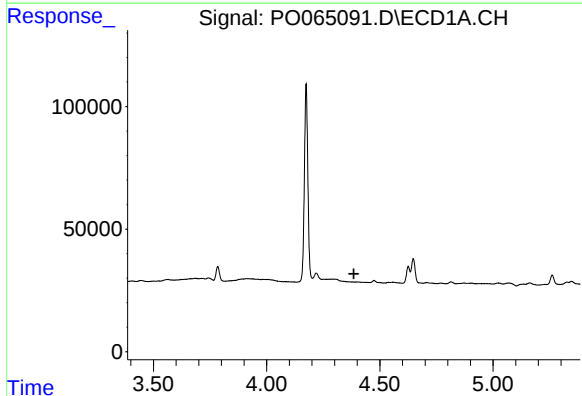
R.T.: 5.793 min
Delta R.T.: -0.005 min
Response: 34742
Conc: 43.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



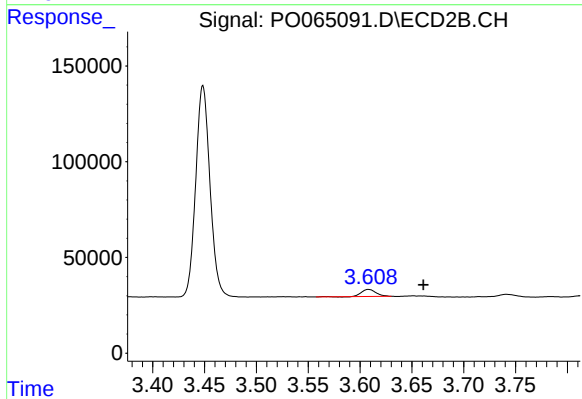
#7 AR-1016-5

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 83201
Conc: 74.53 ng/ml



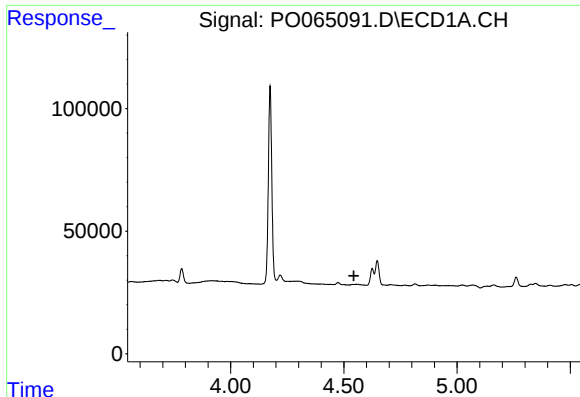
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.385 min
Response: 0
Conc: N.D.



#8 AR-1221-1

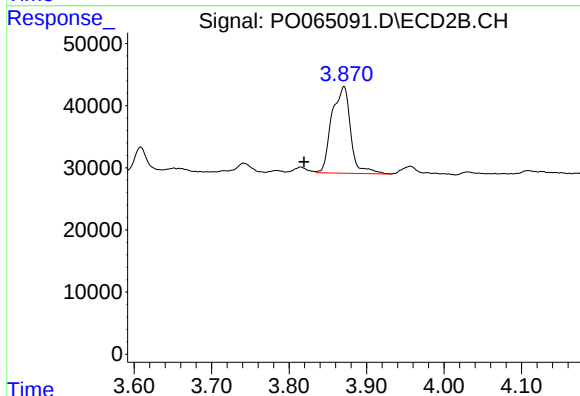
R.T.: 3.608 min
Delta R.T.: -0.053 min
Response: 36529
Conc: 131.68 ng/ml



#10 AR-1221-3

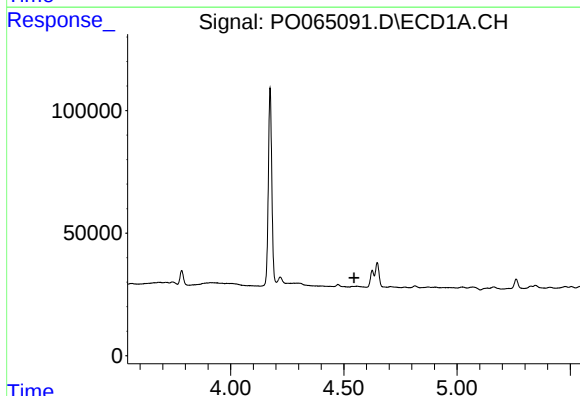
R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PH-1



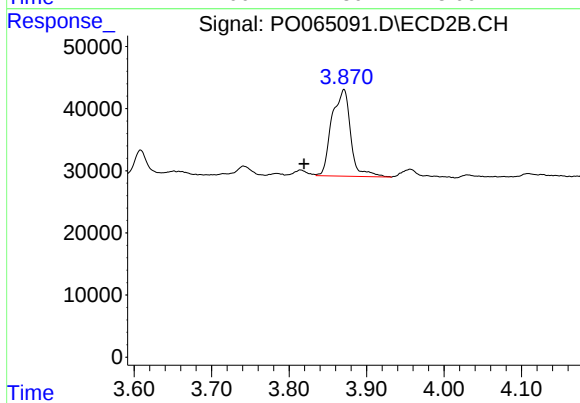
#10 AR-1221-3

R.T.: 3.871 min
Delta R.T.: 0.052 min
Response: 235117
Conc: 341.26 ng/ml



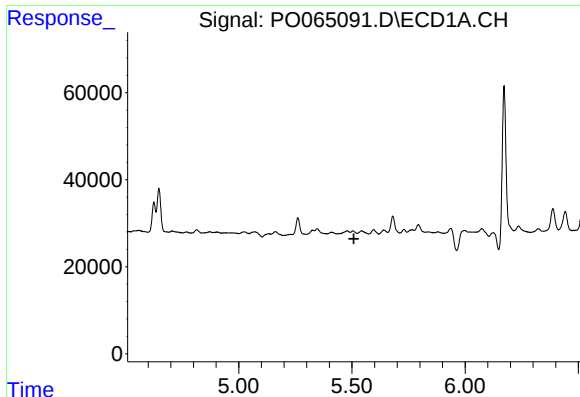
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



#11 AR-1232-1

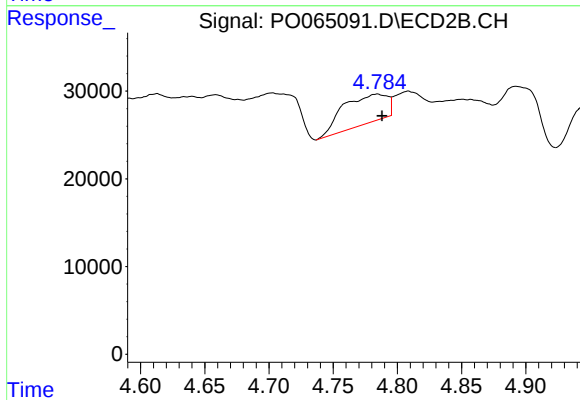
R.T.: 3.871 min
Delta R.T.: 0.051 min
Response: 235117
Conc: 201.07 ng/ml



#14 AR-1232-4

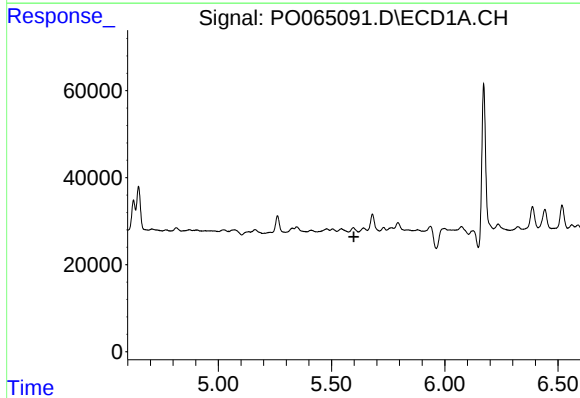
R.T.: 0.000 min
Exp R.T.: 5.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PH-1



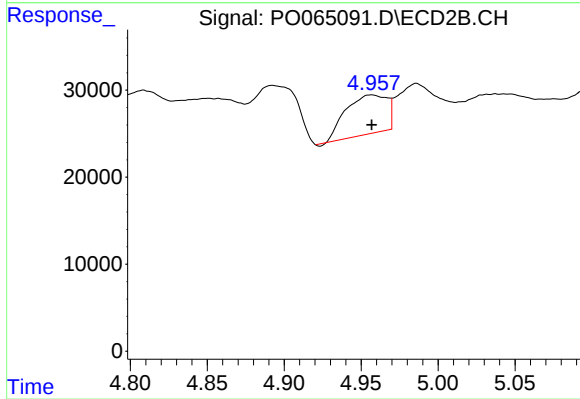
#14 AR-1232-4

R.T.: 4.784 min
Delta R.T.: -0.004 min
Response: 79069
Conc: 116.56 ng/ml



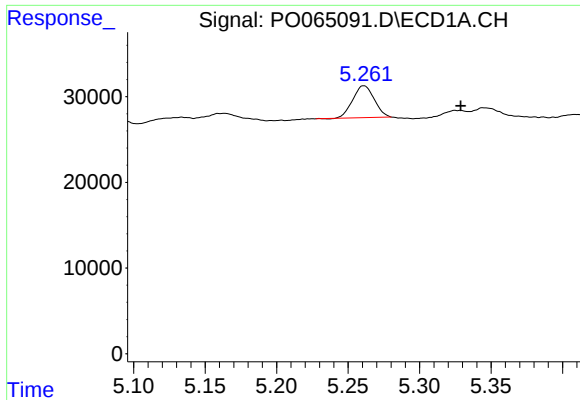
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.598 min
Response: 0
Conc: N.D.



#15 AR-1232-5

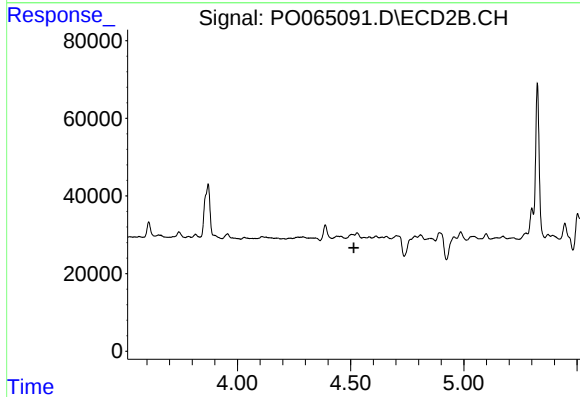
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 83201
Conc: 113.27 ng/ml



#16 AR-1242-1

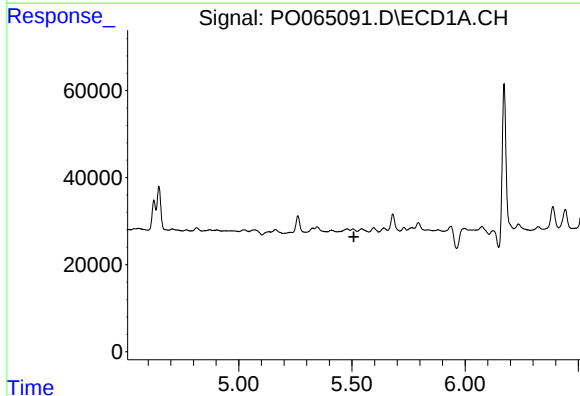
R.T.: 5.261 min
Delta R.T.: -0.068 min
Response: 39082
Conc: 49.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



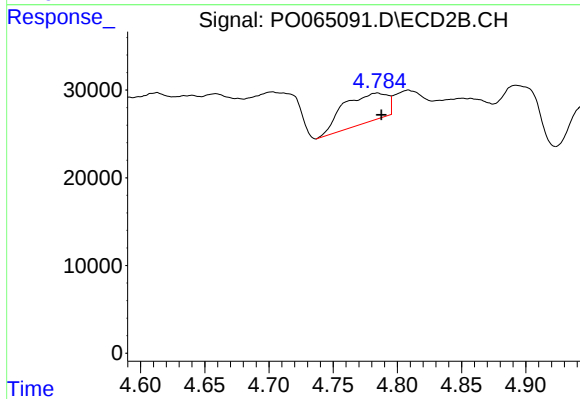
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.514 min
Response: 0
Conc: N.D.



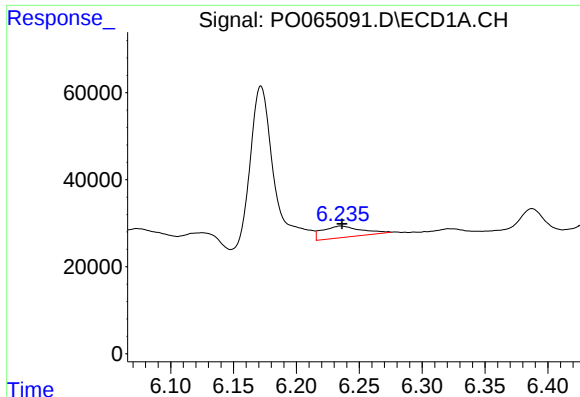
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.508 min
Response: 0
Conc: N.D.



#19 AR-1242-4

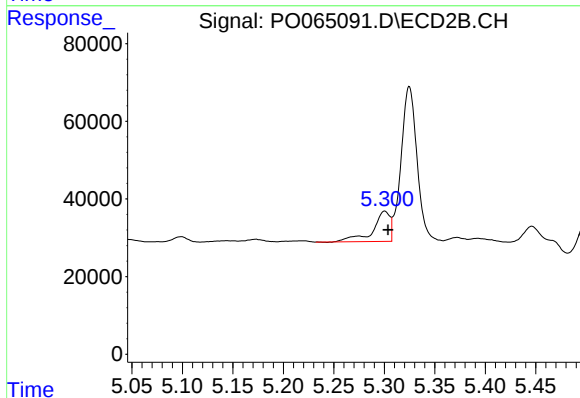
R.T.: 4.784 min
Delta R.T.: -0.003 min
Response: 79069
Conc: 106.78 ng/ml



#20 AR-1242-5

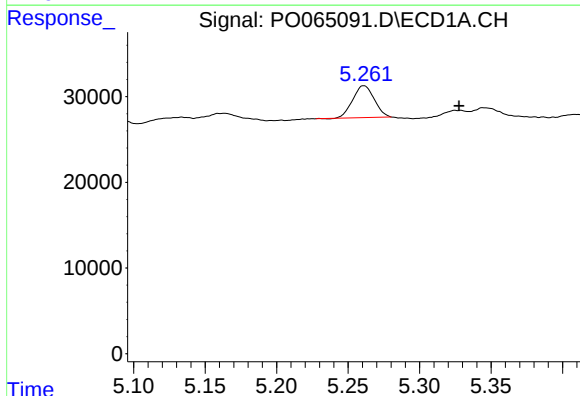
R.T.: 6.235 min
Delta R.T.: -0.001 min
Response: 56299
Conc: 78.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



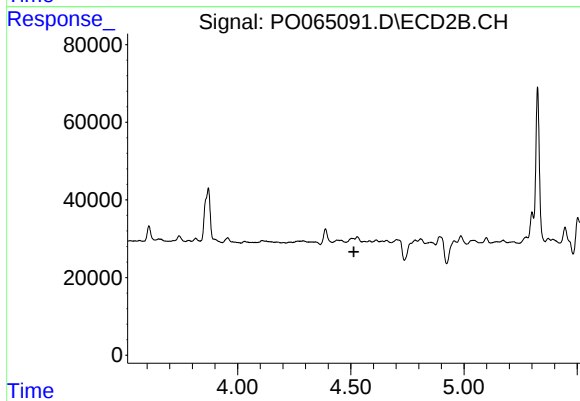
#20 AR-1242-5

R.T.: 5.300 min
Delta R.T.: -0.003 min
Response: 91608
Conc: 91.25 ng/ml



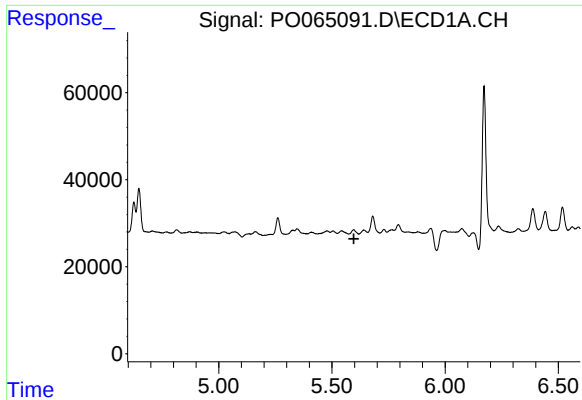
#21 AR-1248-1

R.T.: 5.261 min
Delta R.T.: -0.067 min
Response: 39082
Conc: 64.13 ng/ml



#21 AR-1248-1

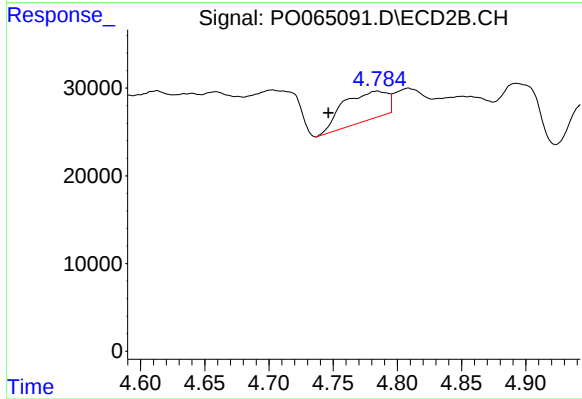
R.T.: 0.000 min
Exp R.T.: 4.514 min
Response: 0
Conc: N.D.



#22 AR-1248-2

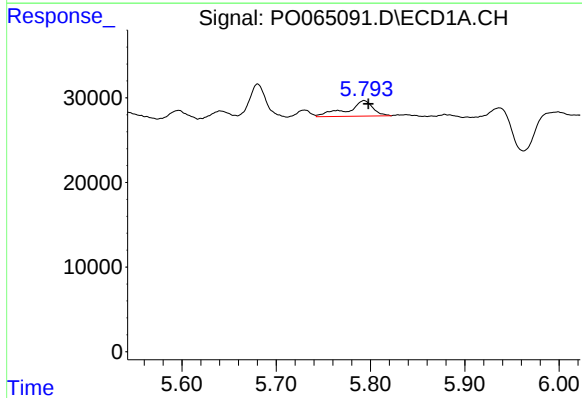
R.T.: 0.000 min
Exp R.T.: 5.597 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PH-1



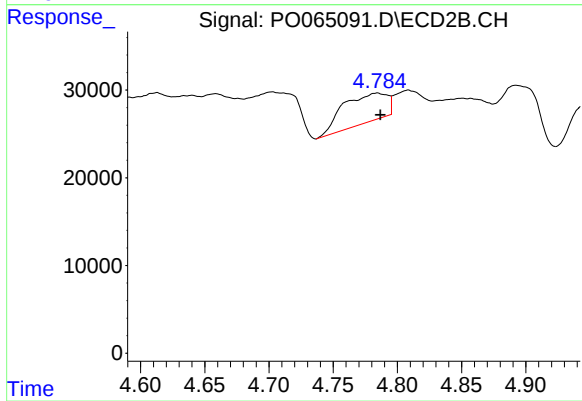
#22 AR-1248-2

R.T.: 4.784 min
Delta R.T.: 0.038 min
Response: 79069
Conc: 75.37 ng/ml



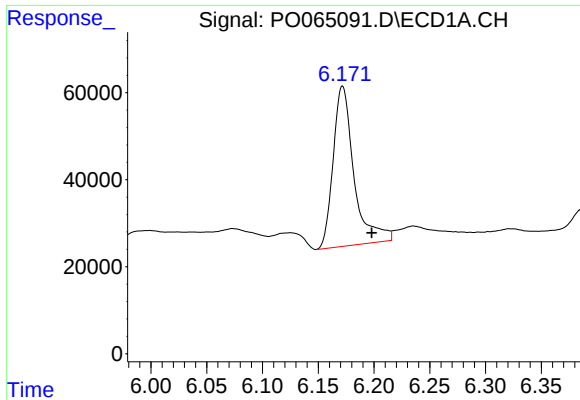
#23 AR-1248-3

R.T.: 5.793 min
Delta R.T.: -0.005 min
Response: 34742
Conc: 35.35 ng/ml



#23 AR-1248-3

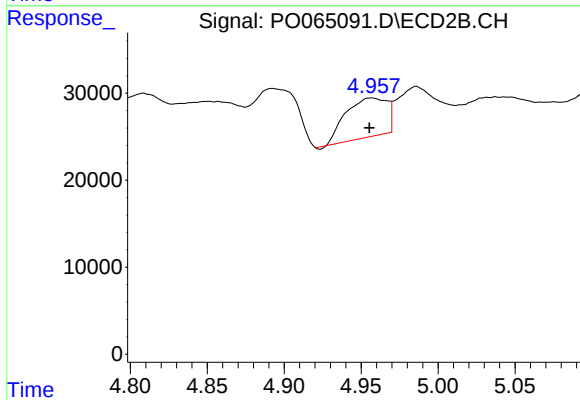
R.T.: 4.784 min
Delta R.T.: -0.003 min
Response: 79069
Conc: 72.84 ng/ml



#24 AR-1248-4

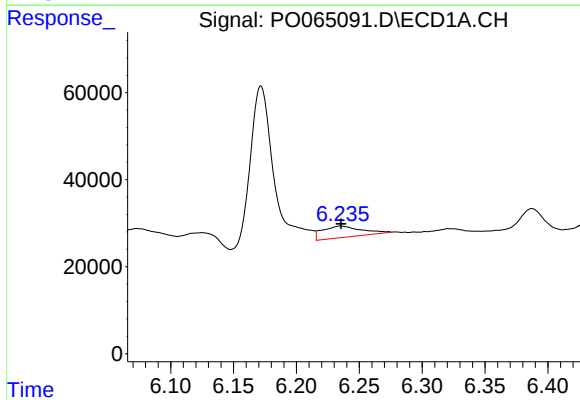
R.T.: 6.172 min
Delta R.T.: -0.026 min
Response: 478422
Conc: 389.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



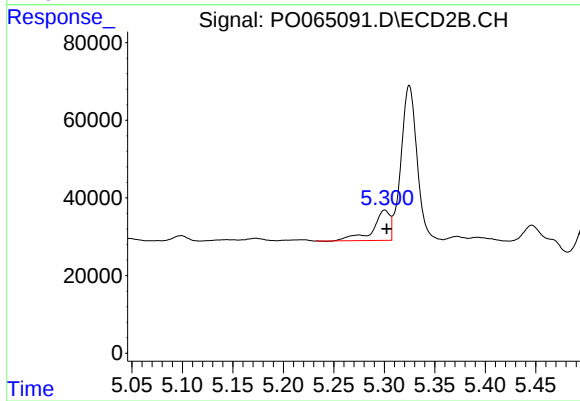
#24 AR-1248-4

R.T.: 4.957 min
Delta R.T.: 0.001 min
Response: 83201
Conc: 63.60 ng/ml



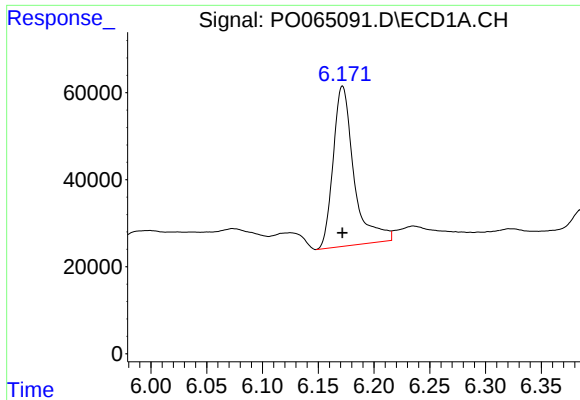
#25 AR-1248-5

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 56299
Conc: 47.78 ng/ml



#25 AR-1248-5

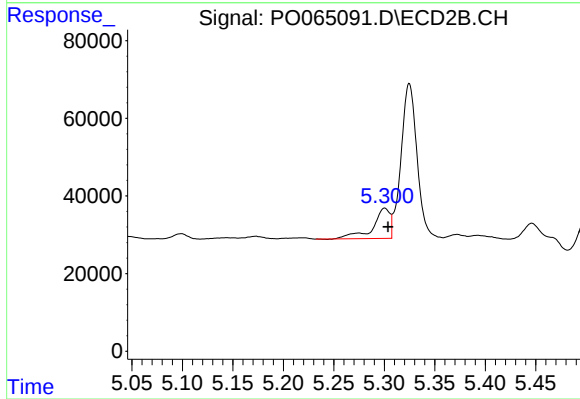
R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 91608
Conc: 46.53 ng/ml



#26 AR-1254-1

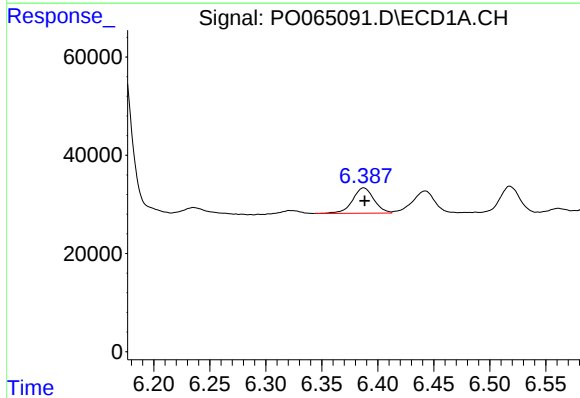
R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 478422
Conc: 375.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



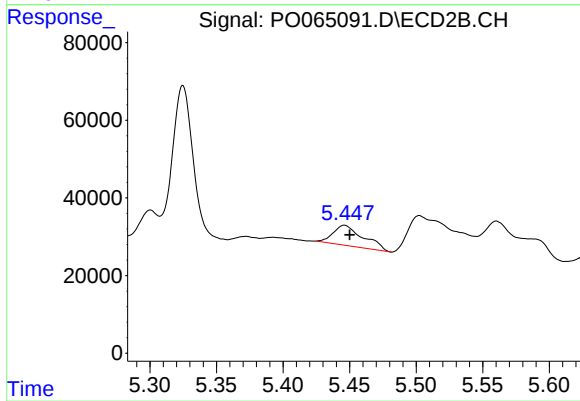
#26 AR-1254-1

R.T.: 5.300 min
Delta R.T.: -0.003 min
Response: 91608
Conc: 40.47 ng/ml



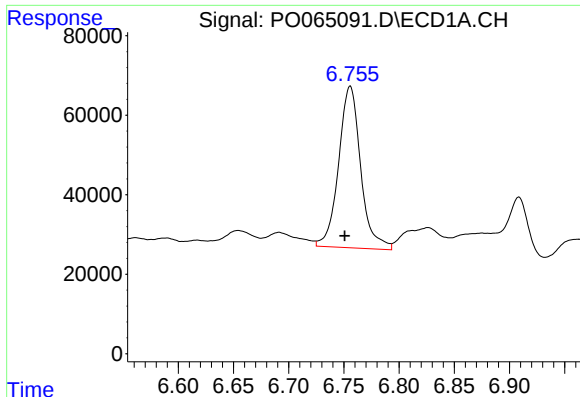
#27 AR-1254-2

R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 68462
Conc: 34.21 ng/ml



#27 AR-1254-2

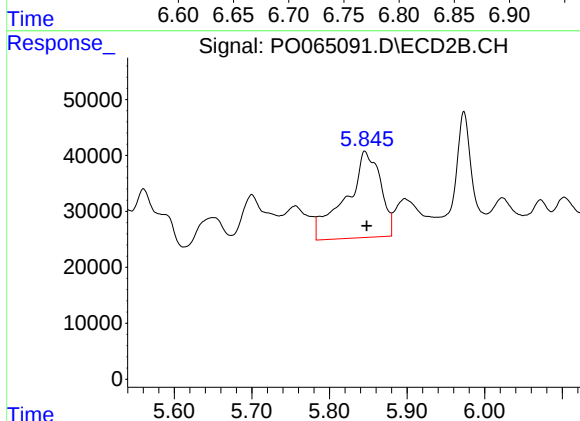
R.T.: 5.446 min
Delta R.T.: -0.004 min
Response: 82678
Conc: 41.02 ng/ml



#28 AR-1254-3

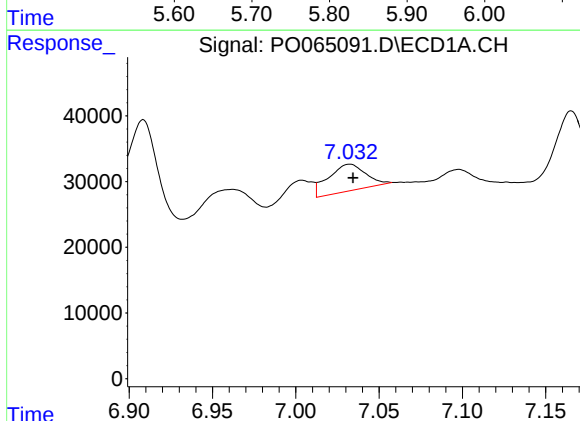
R.T.: 6.756 min
Delta R.T.: 0.005 min
Response: 566195
Conc: 253.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



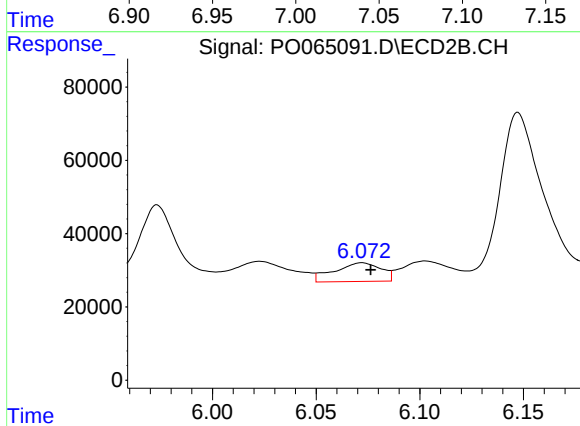
#28 AR-1254-3

R.T.: 5.846 min
Delta R.T.: -0.003 min
Response: 479827
Conc: 142.02 ng/ml



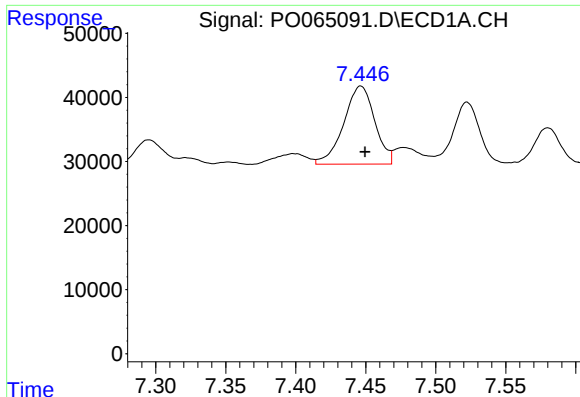
#29 AR-1254-4

R.T.: 7.032 min
Delta R.T.: -0.002 min
Response: 63428
Conc: 37.63 ng/ml



#29 AR-1254-4

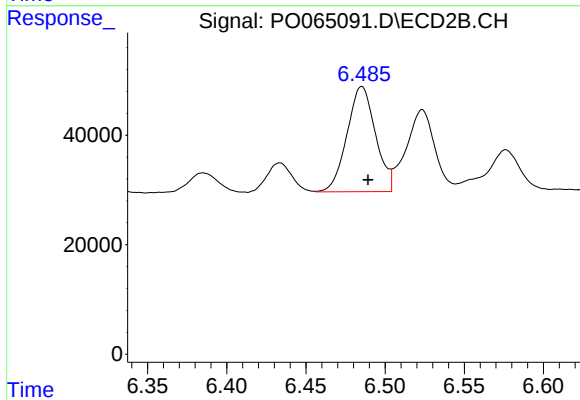
R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 79304
Conc: 36.72 ng/ml



#30 AR-1254-5

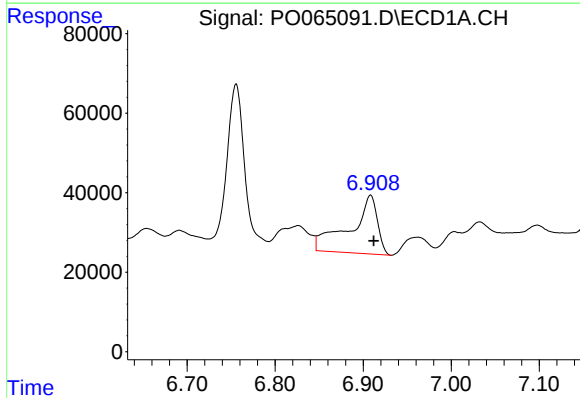
R.T.: 7.447 min
Delta R.T.: -0.003 min
Response: 187753
Conc: 96.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



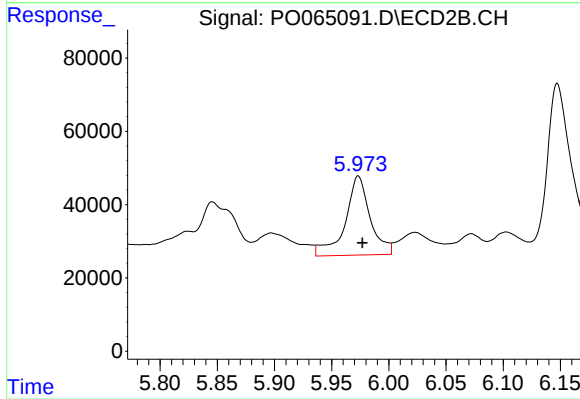
#30 AR-1254-5

R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 241029
Conc: 80.09 ng/ml



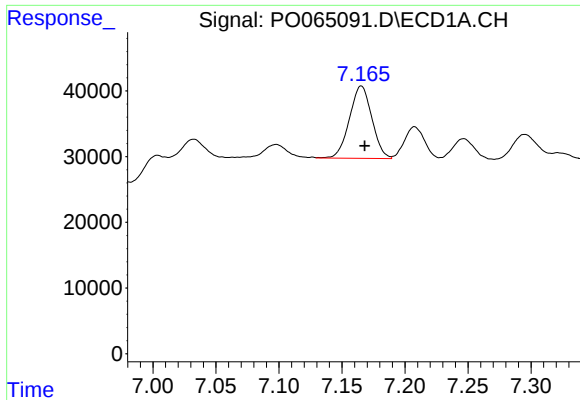
#31 AR-1260-1

R.T.: 6.908 min
Delta R.T.: -0.004 min
Response: 319376
Conc: 198.90 ng/ml



#31 AR-1260-1

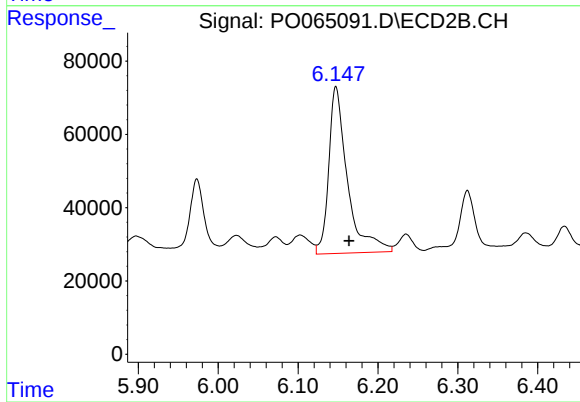
R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 327090
Conc: 148.70 ng/ml



#32 AR-1260-2

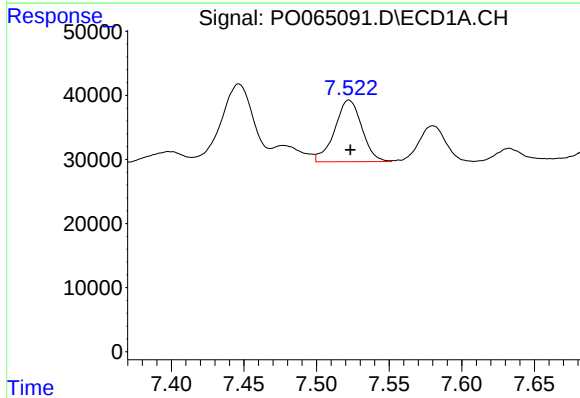
R.T.: 7.165 min
Delta R.T.: -0.003 min
Response: 136545
Conc: 70.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



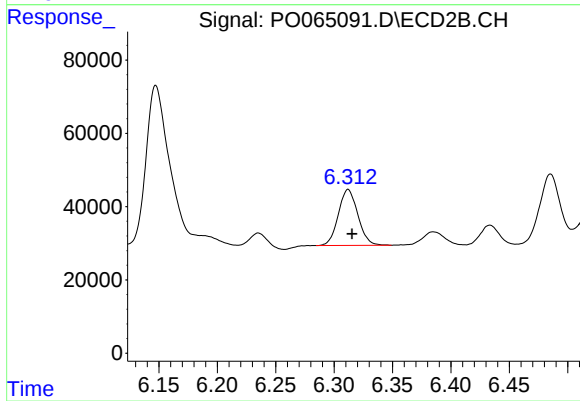
#32 AR-1260-2

R.T.: 6.147 min
Delta R.T.: -0.016 min
Response: 742020
Conc: 268.53 ng/ml



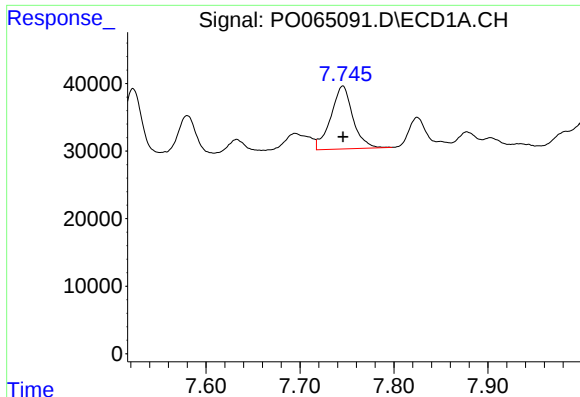
#33 AR-1260-3

R.T.: 7.522 min
Delta R.T.: -0.001 min
Response: 125348
Conc: 87.12 ng/ml



#33 AR-1260-3

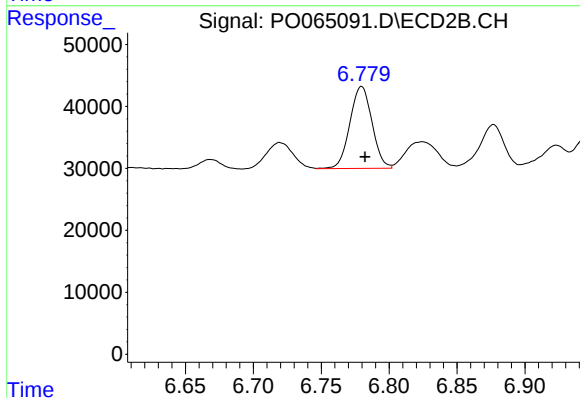
R.T.: 6.312 min
Delta R.T.: -0.003 min
Response: 177708
Conc: 72.64 ng/ml



#34 AR-1260-4

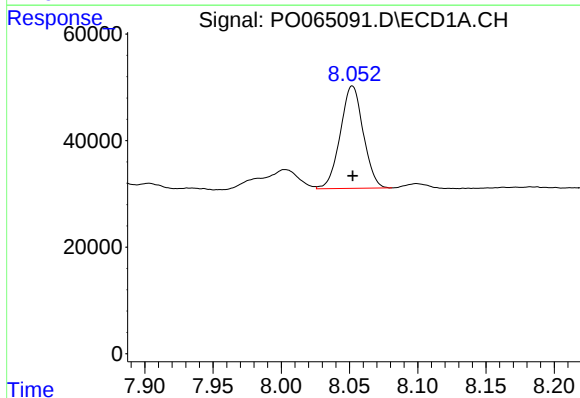
R.T.: 7.746 min
Delta R.T.: 0.000 min
Response: 151455
Conc: 89.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



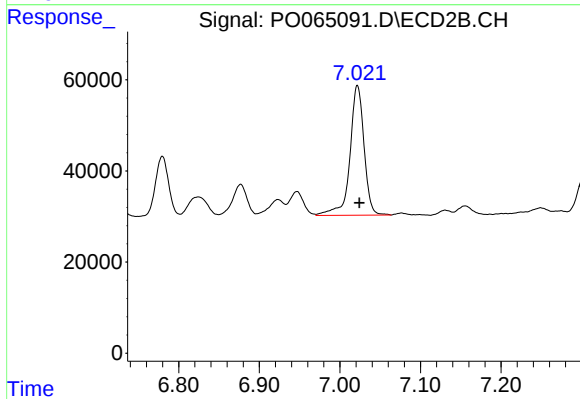
#34 AR-1260-4

R.T.: 6.780 min
Delta R.T.: -0.003 min
Response: 150022
Conc: 74.41 ng/ml



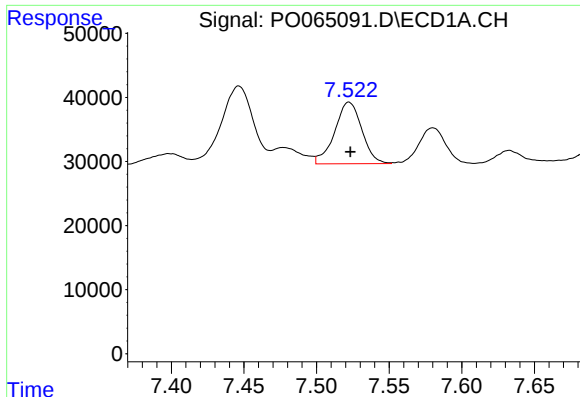
#35 AR-1260-5

R.T.: 8.052 min
Delta R.T.: 0.000 min
Response: 224861
Conc: 69.59 ng/ml



#35 AR-1260-5

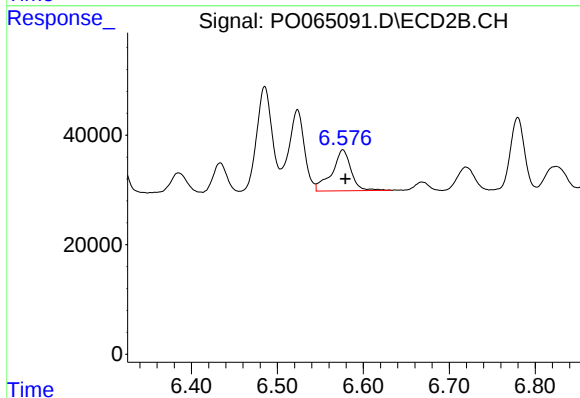
R.T.: 7.022 min
Delta R.T.: -0.003 min
Response: 346602
Conc: 73.73 ng/ml



#36 AR-1262-1

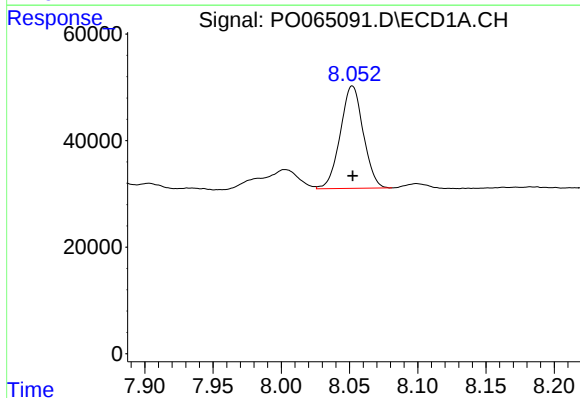
R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 125348
Conc: 55.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



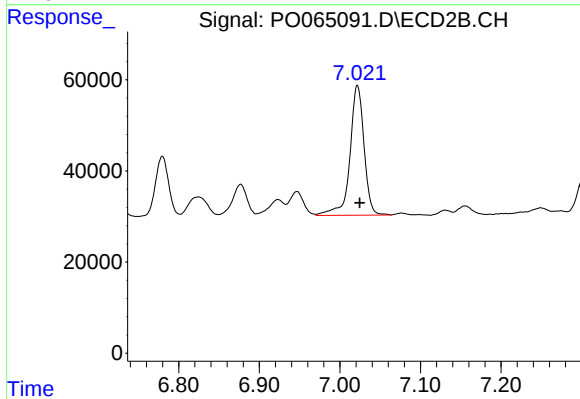
#36 AR-1262-1

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 116384
Conc: 88.65 ng/ml



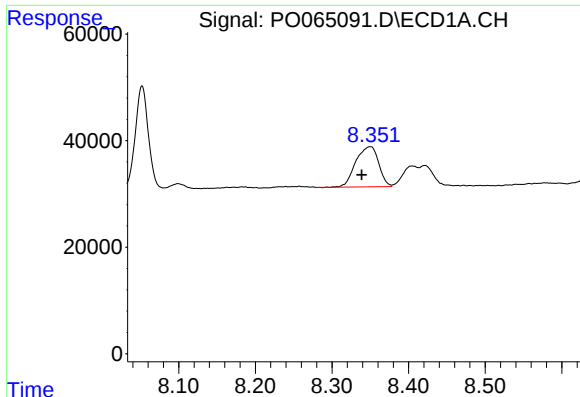
#37 AR-1262-2

R.T.: 8.052 min
Delta R.T.: 0.000 min
Response: 224861
Conc: 58.41 ng/ml



#37 AR-1262-2

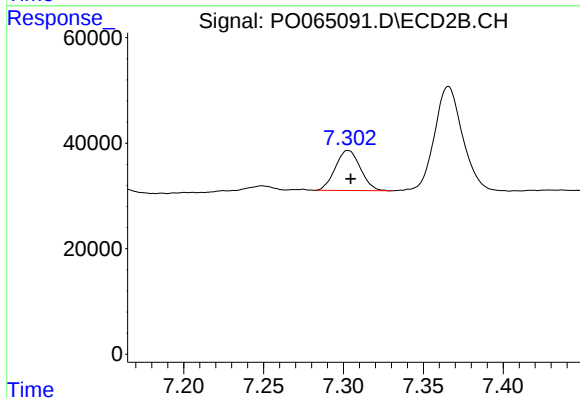
R.T.: 7.022 min
Delta R.T.: -0.003 min
Response: 346602
Conc: 61.76 ng/ml



#38 AR-1262-3

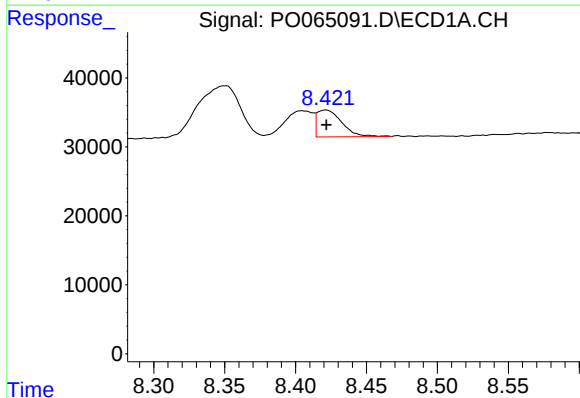
R.T.: 8.350 min
Delta R.T.: 0.011 min
Response: 156428
Conc: 59.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



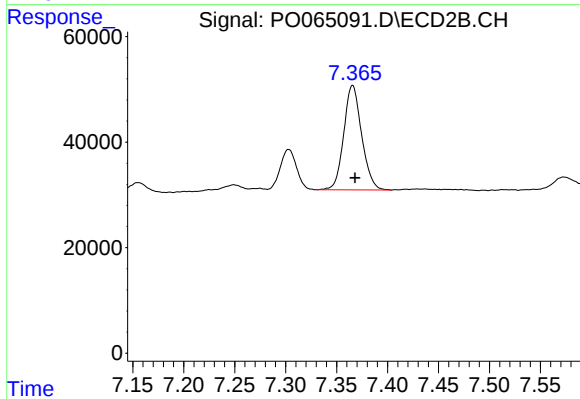
#38 AR-1262-3

R.T.: 7.303 min
Delta R.T.: -0.002 min
Response: 83056
Conc: 39.66 ng/ml



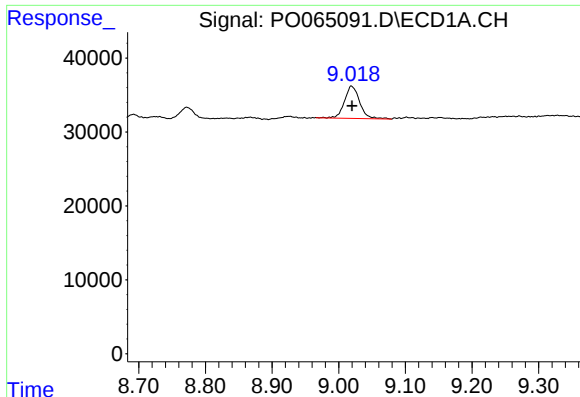
#39 AR-1262-4

R.T.: 8.421 min
Delta R.T.: 0.000 min
Response: 46826
Conc: 23.55 ng/ml



#39 AR-1262-4

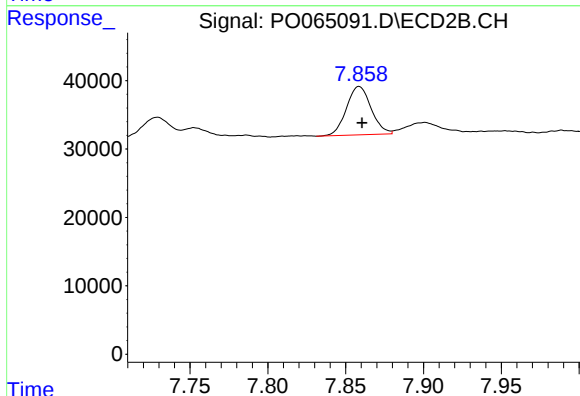
R.T.: 7.366 min
Delta R.T.: -0.002 min
Response: 242496
Conc: 61.13 ng/ml



#40 AR-1262-5

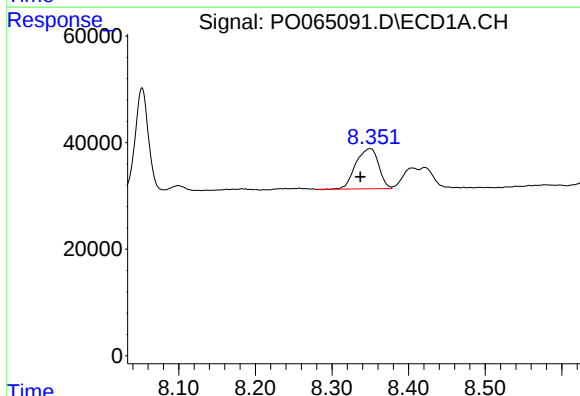
R.T.: 9.019 min
Delta R.T.: 0.000 min
Response: 68563
Conc: 51.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



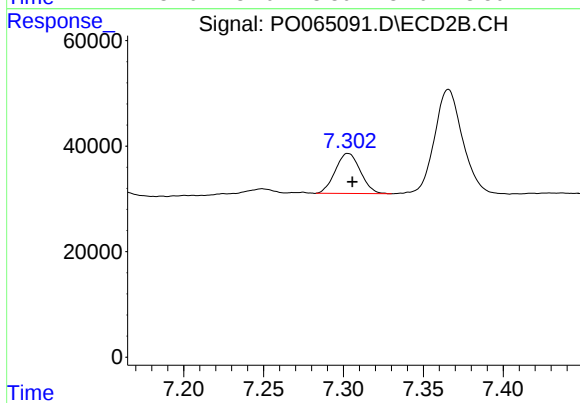
#40 AR-1262-5

R.T.: 7.859 min
Delta R.T.: -0.002 min
Response: 78070
Conc: 47.07 ng/ml



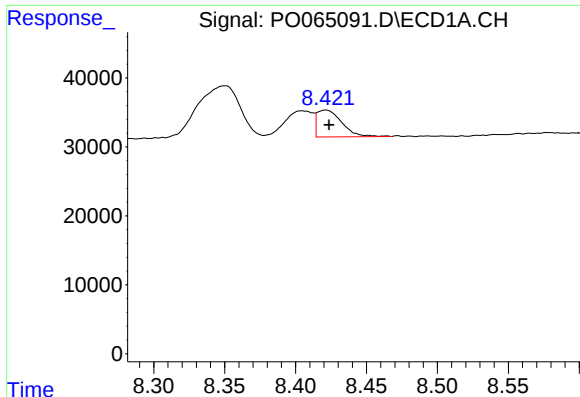
#41 AR-1268-1

R.T.: 8.350 min
Delta R.T.: 0.013 min
Response: 156428
Conc: 36.87 ng/ml



#41 AR-1268-1

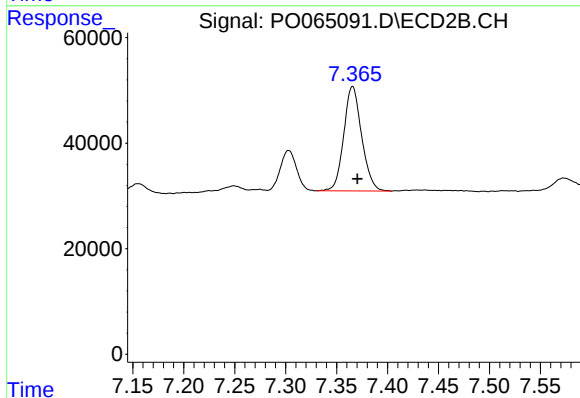
R.T.: 7.303 min
Delta R.T.: -0.003 min
Response: 83056
Conc: 13.99 ng/ml



#42 AR-1268-2

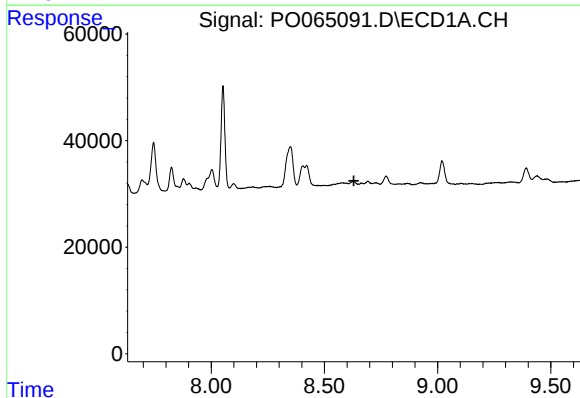
R.T.: 8.421 min
Delta R.T.: -0.003 min
Response: 46826
Conc: 12.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



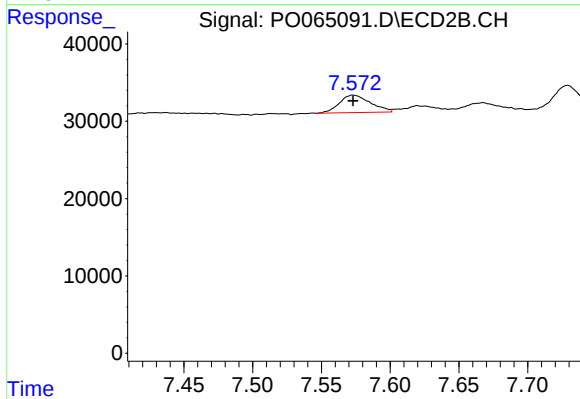
#42 AR-1268-2

R.T.: 7.366 min
Delta R.T.: -0.005 min
Response: 242496
Conc: 45.28 ng/ml



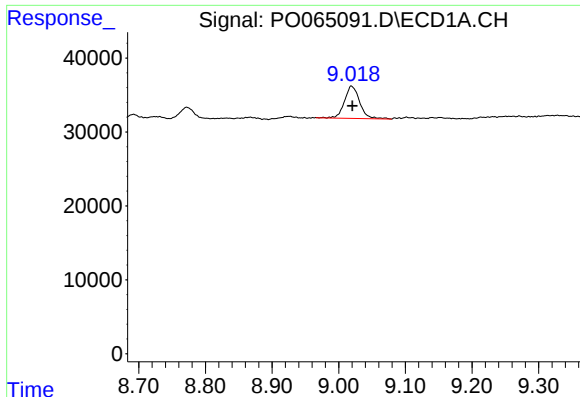
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.630 min
Response: 0
Conc: N.D.



#43 AR-1268-3

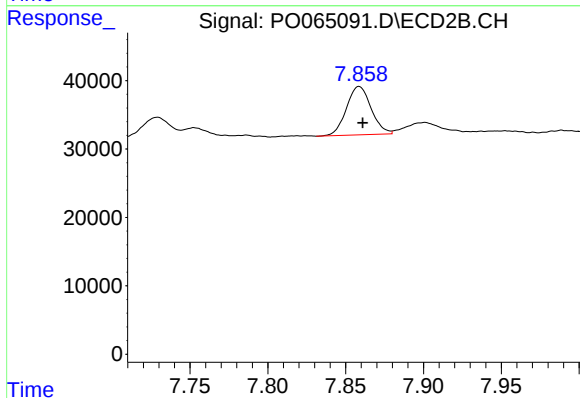
R.T.: 7.573 min
Delta R.T.: 0.000 min
Response: 35677
Conc: 8.13 ng/ml



#44 AR-1268-4

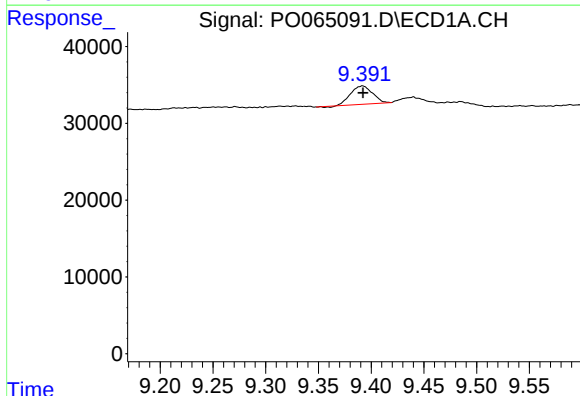
R.T.: 9.019 min
Delta R.T.: -0.001 min
Response: 68563
Conc: 51.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
PH-1



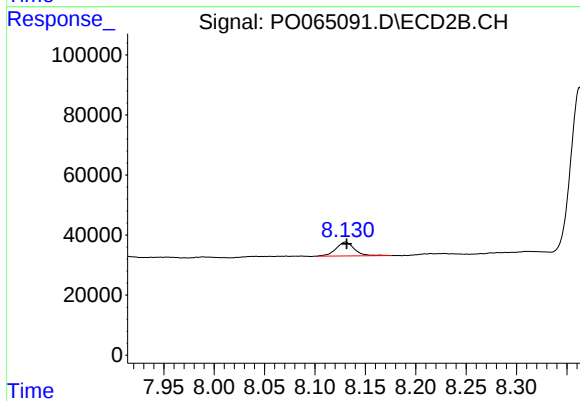
#44 AR-1268-4

R.T.: 7.859 min
Delta R.T.: -0.002 min
Response: 78070
Conc: 45.21 ng/ml



#45 AR-1268-5

R.T.: 9.392 min
Delta R.T.: 0.000 min
Response: 34197
Conc: 3.75 ng/ml



#45 AR-1268-5

R.T.: 8.130 min
Delta R.T.: -0.001 min
Response: 58697
Conc: 4.77 ng/ml