

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121919\
 Data File : PO064801.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Dec 2019 16:50
 Operator : SM/AJ
 Sample : K6362-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 17:06:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 13 08:19:24 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...	4.199	0.000	474224	0	19.479	N.D. #
2)	SA Decachlor...	9.705	8.379	441391	566096	14.382	16.301
Target Compounds							
3)	L1 AR-1016-1	0.000	4.557	0	165386	N.D.	152.925 #
4)	L1 AR-1016-2	0.000	4.557	0	165386	N.D.	109.973 #
5)	L1 AR-1016-3	5.421	4.735	41727	75568	47.160	97.211 #
6)	L1 AR-1016-4	5.527	4.735	42455	75568	58.614	114.934 #
7)	L1 AR-1016-5	5.815	5.033	46316	2513	63.554	2.880 #
8)	L2 AR-1221-1	4.367	0.000	61215	0	236.147	N.D. #
9)	L2 AR-1221-2	4.499	3.785	62908	399444	318.296	1878.941 #
10)	L2 AR-1221-3	4.499	3.785	62908	399444	94.963	565.353 #
11)	L3 AR-1232-1	4.499	3.785	62908	399444	62.200	357.280 #
12)	L3 AR-1232-2	0.000	4.557	0	165386	N.D.	137.446 #
13)	L3 AR-1232-3	0.000	4.735	0	75568	N.D.	121.415 #
14)	L3 AR-1232-4	5.527	4.785	42455	83215	76.370	146.068 #
15)	L3 AR-1232-5	5.609	5.033	45857	2513	110.503	3.960 #
16)	L4 AR-1242-1	0.000	4.557	0	165386	N.D.	190.335 #
17)	L4 AR-1242-2	0.000	4.557	0	165386	N.D.	138.573 #
18)	L4 AR-1242-3	5.421	4.735	41727	75568	59.928	119.168 #
19)	L4 AR-1242-4	5.527	4.785	42455	83215	75.305	127.846 #
20)	L4 AR-1242-5	6.249	0.000	80600	0	115.649	N.D. #
21)	L5 AR-1248-1	0.000	4.557	0	165386	N.D.	231.046 #
22)	L5 AR-1248-2	5.609	4.735	45857	75568	49.625	76.962 #
23)	L5 AR-1248-3	5.815	4.785	46316	83215	43.597	81.782 #
24)	L5 AR-1248-4	6.249	5.033	80600	2513	61.805	1.953 #
25)	L5 AR-1248-5	6.249	0.000	80600	0	64.773	N.D. #
26)	L6 AR-1254-1	6.136	0.000	45275	0	35.551	N.D. #
27)	L6 AR-1254-2	6.375	0.000	31510	0	15.149	N.D. #
28)	L6 AR-1254-3	6.722	5.910	31499	214740	13.192	69.128 #
29)	L6 AR-1254-4	7.020	6.064	79012	1874447	42.254	912.569 #
30)	L6 AR-1254-5	7.444	6.445	50667	63034	24.081	21.118
31)	L7 AR-1260-1	6.864	0.000	31784	0	20.689	N.D. #
32)	L7 AR-1260-2	7.161	6.168	1342211	40787	679.945	17.530 #
33)	L7 AR-1260-3	7.522	6.346	110382	7711752	73.460	3642.224 #
34)	L7 AR-1260-4	7.712	6.735	189264	689374	102.459	365.930 #
35)	L7 AR-1260-5	8.041	7.007	89711	136867	24.040	29.183
36)	L8 AR-1262-1	7.522	6.616	110382	330793	48.004	288.336 #
37)	L8 AR-1262-2	8.041	7.007	89711	136867	20.668	25.047
38)	L8 AR-1262-3	8.328	0.000	63795	0	21.923	N.D. #
39)	L8 AR-1262-4	8.402	0.000	94723	0	43.766	N.D. #
41)	L9 AR-1268-1	8.328	0.000	63795	0	12.344	N.D. #
42)	L9 AR-1268-2	8.402	0.000	94723	0	20.143	N.D. #

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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
45) L9	AR-1268-5	9.379	8.084	940324	91092	79.240	6.297 #

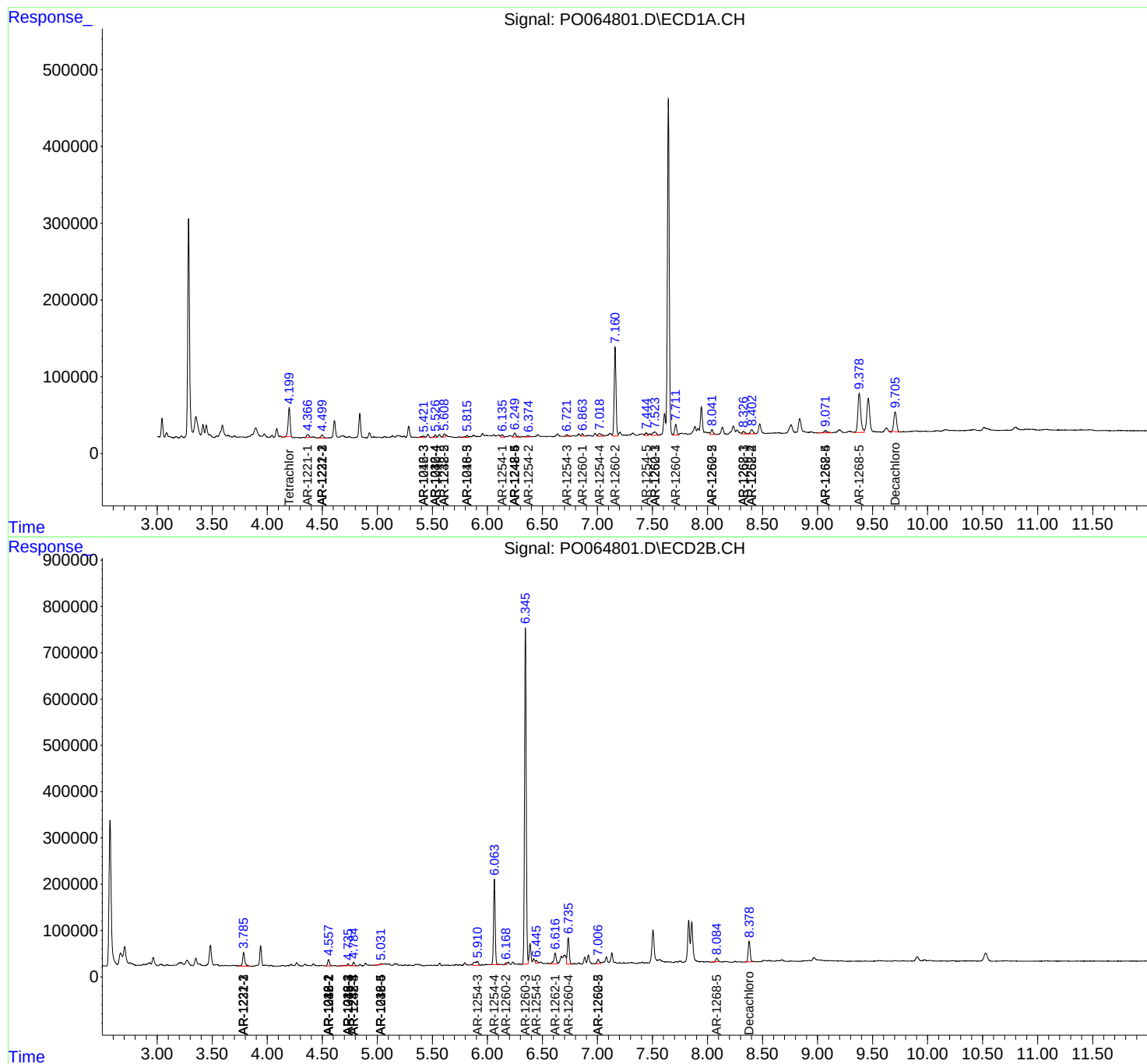
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

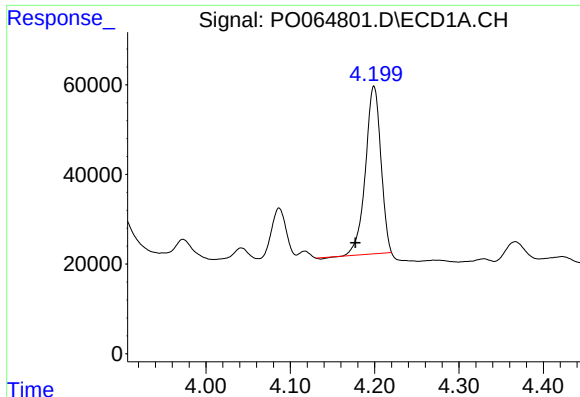
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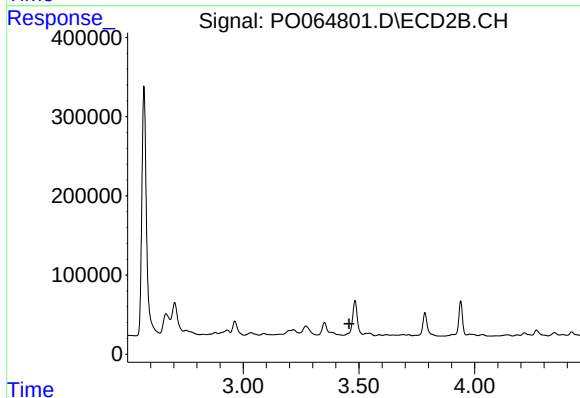




#1 Tetrachloro-m-xylene

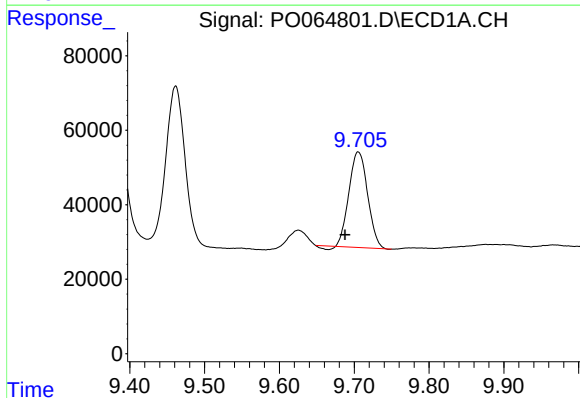
R.T.: 4.199 min
Delta R.T.: 0.022 min
Response: 474224
Conc: 19.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



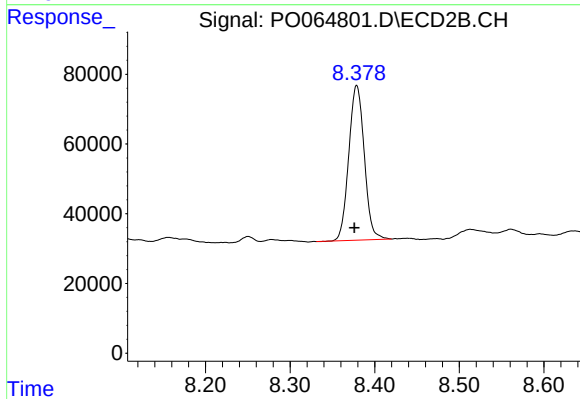
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.457 min
Response: 0
Conc: N.D.



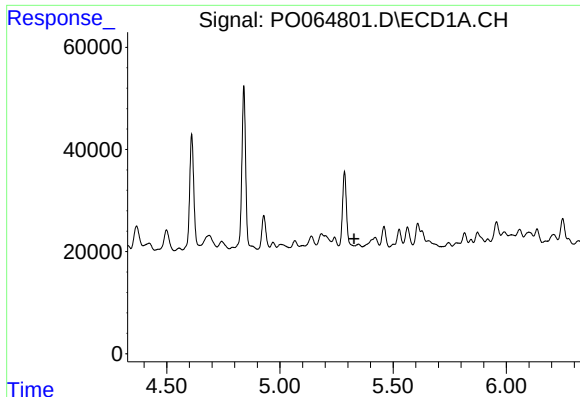
#2 Decachlorobiphenyl

R.T.: 9.705 min
Delta R.T.: 0.018 min
Response: 441391
Conc: 14.38 ng/ml



#2 Decachlorobiphenyl

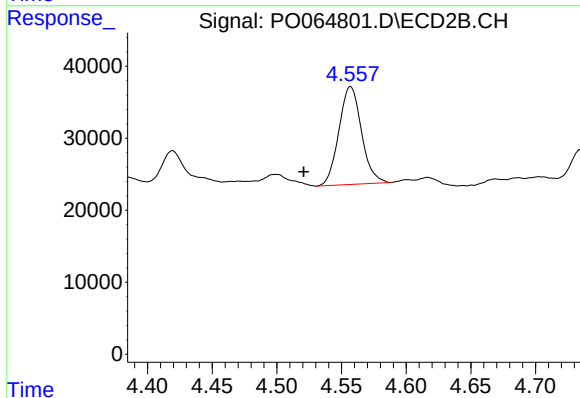
R.T.: 8.379 min
Delta R.T.: 0.003 min
Response: 566096
Conc: 16.30 ng/ml



#3 AR-1016-1

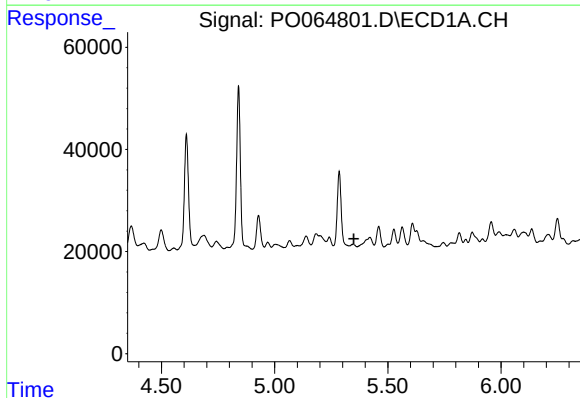
R.T.: 0.000 min
Exp R.T.: 5.327 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



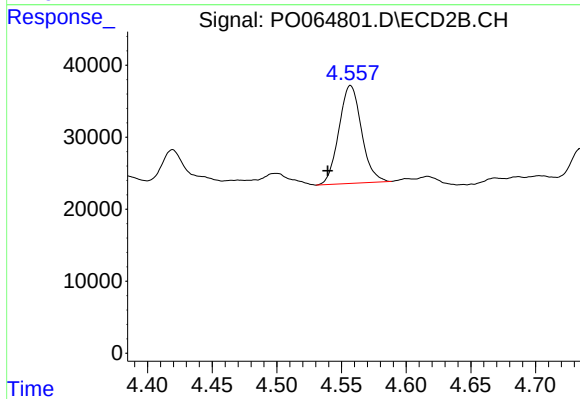
#3 AR-1016-1

R.T.: 4.557 min
Delta R.T.: 0.036 min
Response: 165386
Conc: 152.93 ng/ml



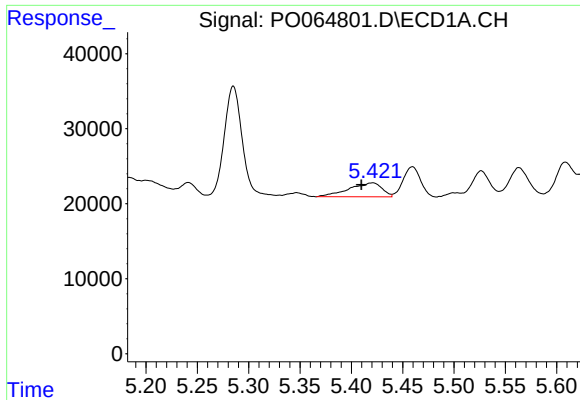
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.350 min
Response: 0
Conc: N.D.



#4 AR-1016-2

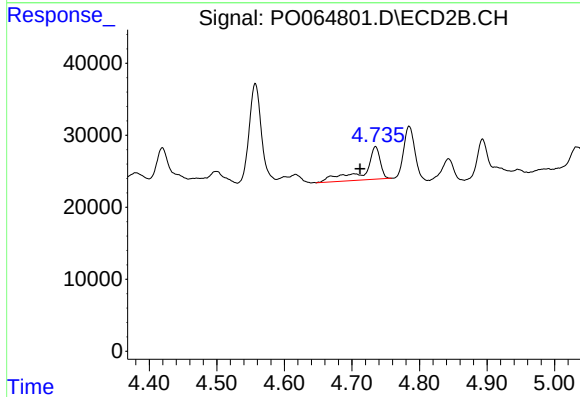
R.T.: 4.557 min
Delta R.T.: 0.018 min
Response: 165386
Conc: 109.97 ng/ml



#5 AR-1016-3

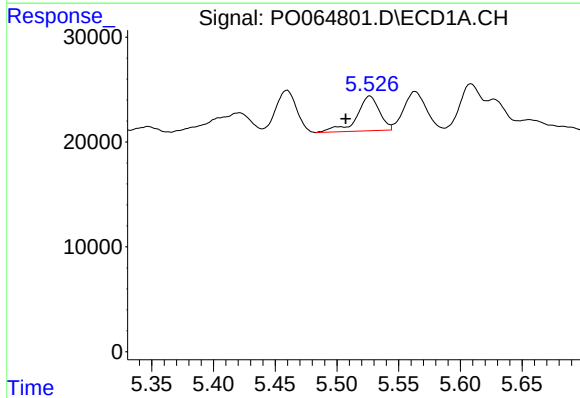
R.T.: 5.421 min
Delta R.T.: 0.011 min
Response: 41727
Conc: 47.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



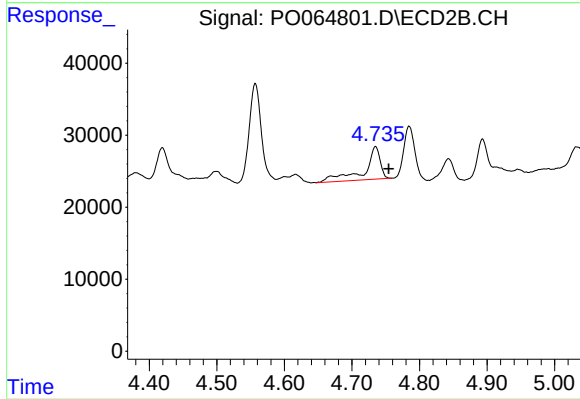
#5 AR-1016-3

R.T.: 4.735 min
Delta R.T.: 0.023 min
Response: 75568
Conc: 97.21 ng/ml



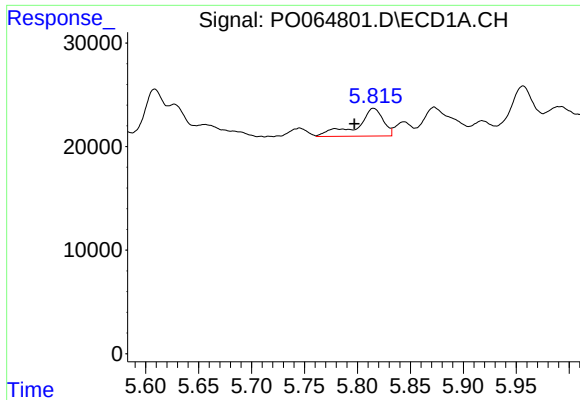
#6 AR-1016-4

R.T.: 5.527 min
Delta R.T.: 0.019 min
Response: 42455
Conc: 58.61 ng/ml



#6 AR-1016-4

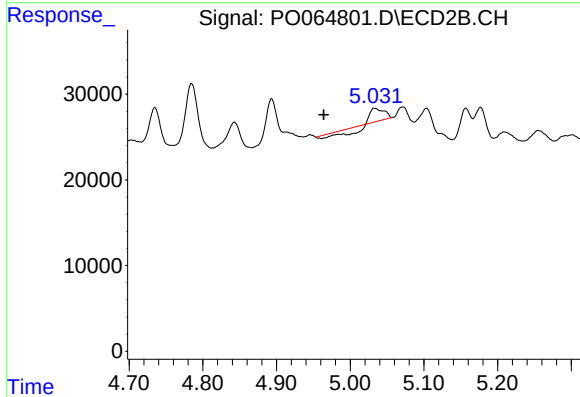
R.T.: 4.735 min
Delta R.T.: -0.019 min
Response: 75568
Conc: 114.93 ng/ml



#7 AR-1016-5

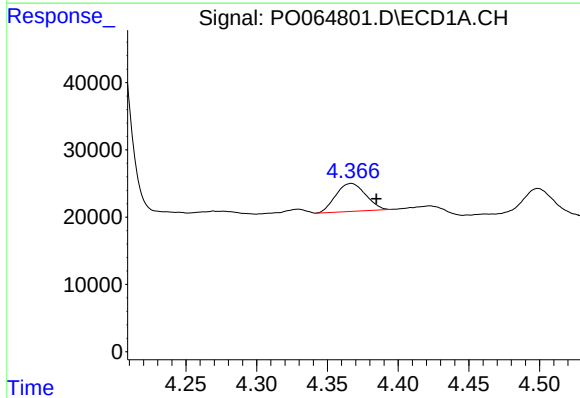
R.T.: 5.815 min
Delta R.T.: 0.018 min
Response: 46316
Conc: 63.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



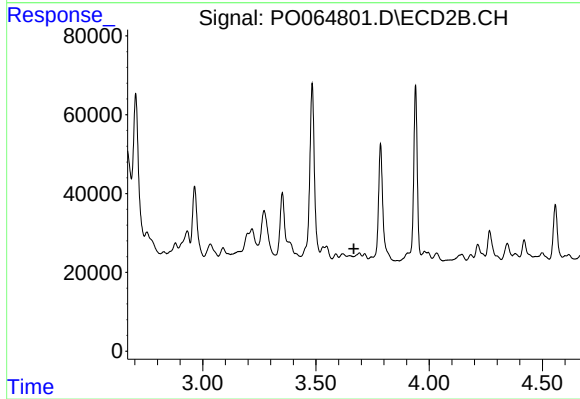
#7 AR-1016-5

R.T.: 5.033 min
Delta R.T.: 0.069 min
Response: 2513
Conc: 2.88 ng/ml



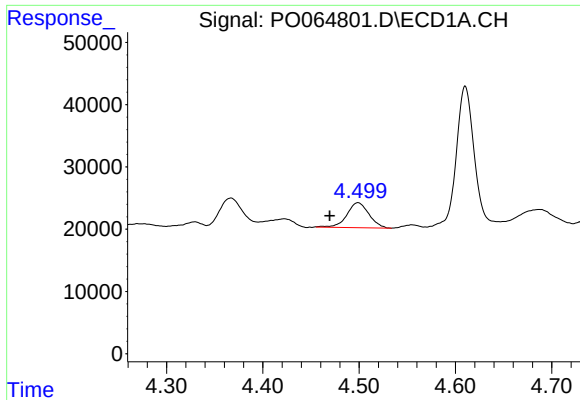
#8 AR-1221-1

R.T.: 4.367 min
Delta R.T.: -0.018 min
Response: 61215
Conc: 236.15 ng/ml



#8 AR-1221-1

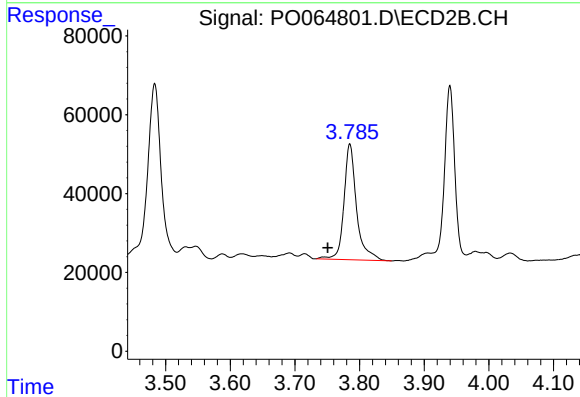
R.T.: 0.000 min
Exp R.T. : 3.667 min
Response: 0
Conc: N.D.



#9 AR-1221-2

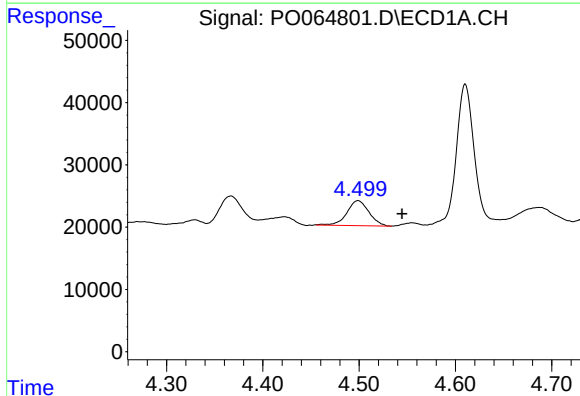
R.T.: 4.499 min
Delta R.T.: 0.029 min
Response: 62908
Conc: 318.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



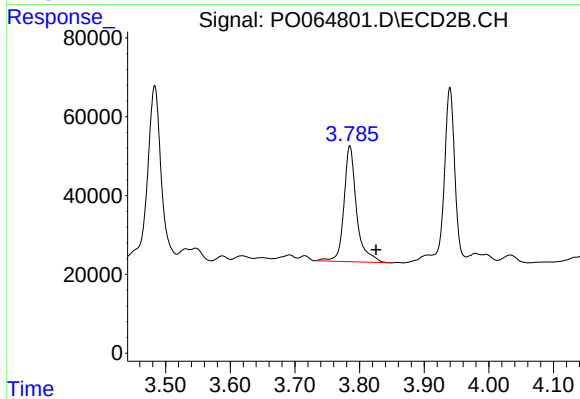
#9 AR-1221-2

R.T.: 3.785 min
Delta R.T.: 0.034 min
Response: 399444
Conc: 1878.94 ng/ml



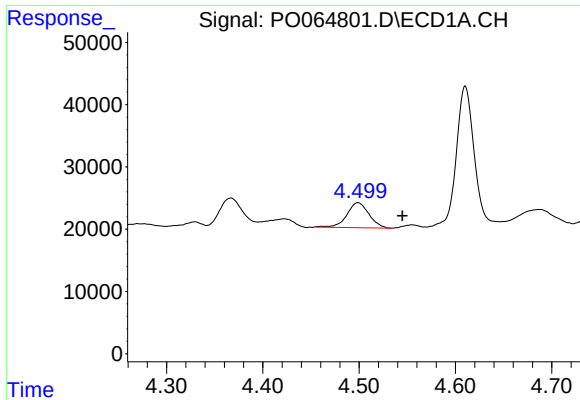
#10 AR-1221-3

R.T.: 4.499 min
Delta R.T.: -0.046 min
Response: 62908
Conc: 94.96 ng/ml



#10 AR-1221-3

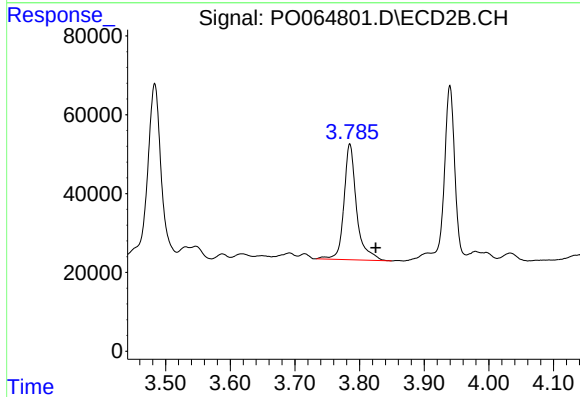
R.T.: 3.785 min
Delta R.T.: -0.040 min
Response: 399444
Conc: 565.35 ng/ml



#11 AR-1232-1

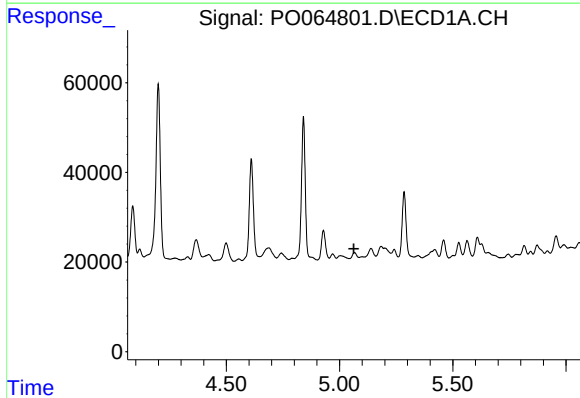
R.T.: 4.499 min
Delta R.T.: -0.046 min
Response: 62908
Conc: 62.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



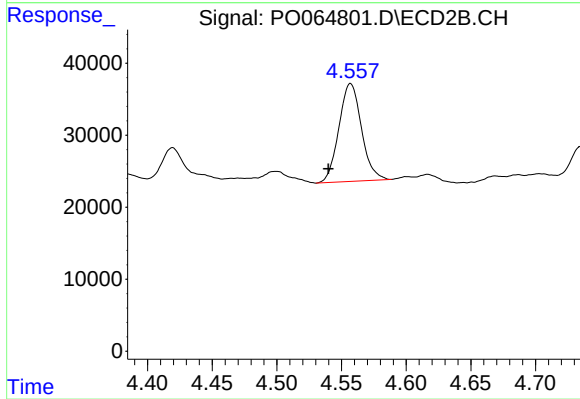
#11 AR-1232-1

R.T.: 3.785 min
Delta R.T.: -0.040 min
Response: 399444
Conc: 357.28 ng/ml



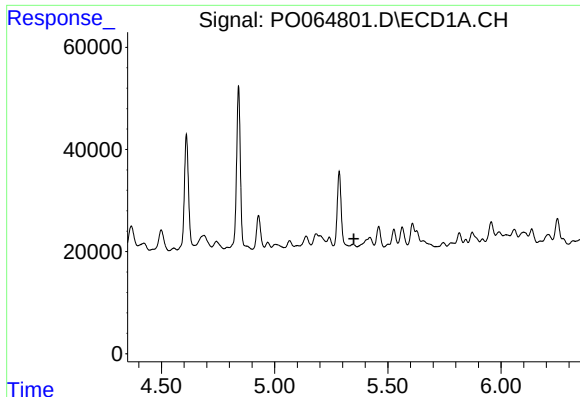
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.064 min
Response: 0
Conc: N.D.



#12 AR-1232-2

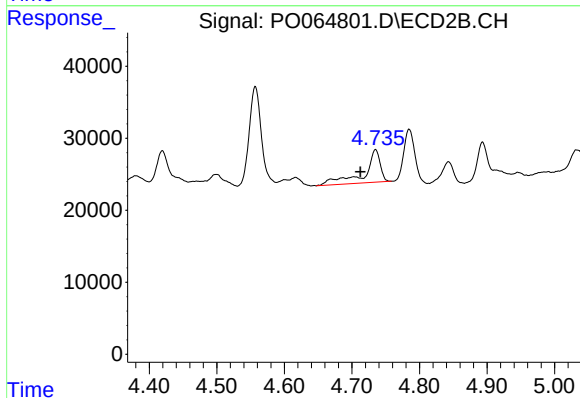
R.T.: 4.557 min
Delta R.T.: 0.017 min
Response: 165386
Conc: 137.45 ng/ml



#13 AR-1232-3

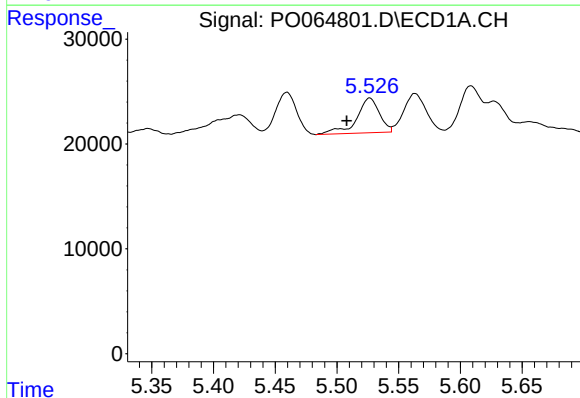
R.T.: 0.000 min
Exp R.T.: 5.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



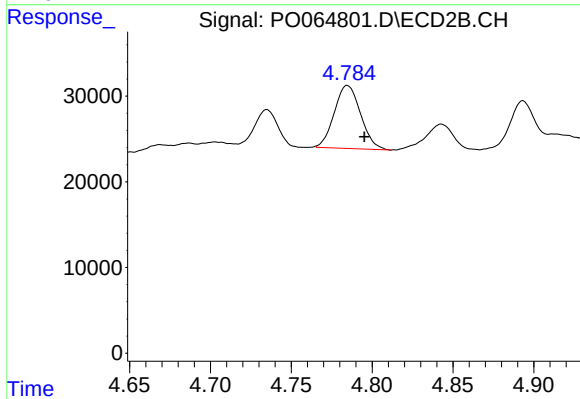
#13 AR-1232-3

R.T.: 4.735 min
Delta R.T.: 0.022 min
Response: 75568
Conc: 121.41 ng/ml



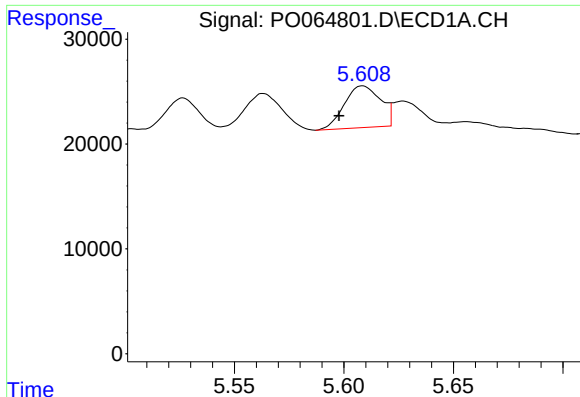
#14 AR-1232-4

R.T.: 5.527 min
Delta R.T.: 0.019 min
Response: 42455
Conc: 76.37 ng/ml



#14 AR-1232-4

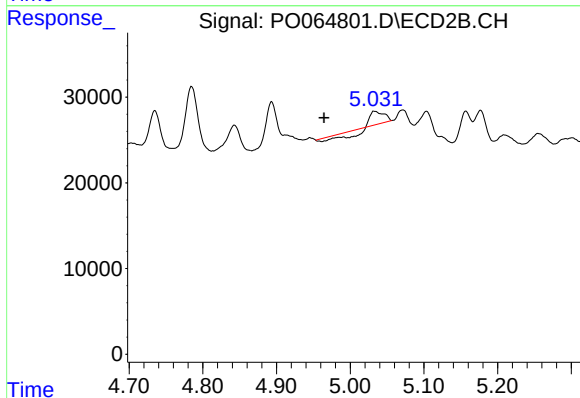
R.T.: 4.785 min
Delta R.T.: -0.010 min
Response: 83215
Conc: 146.07 ng/ml



#15 AR-1232-5

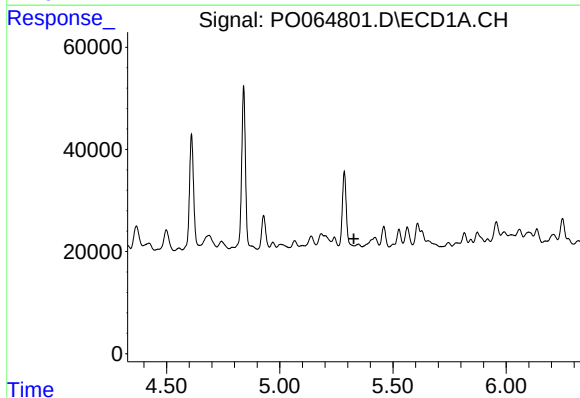
R.T.: 5.609 min
Delta R.T.: 0.011 min
Response: 45857
Conc: 110.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



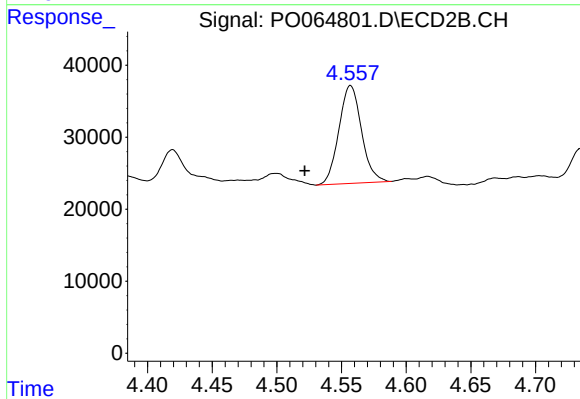
#15 AR-1232-5

R.T.: 5.033 min
Delta R.T.: 0.068 min
Response: 2513
Conc: 3.96 ng/ml



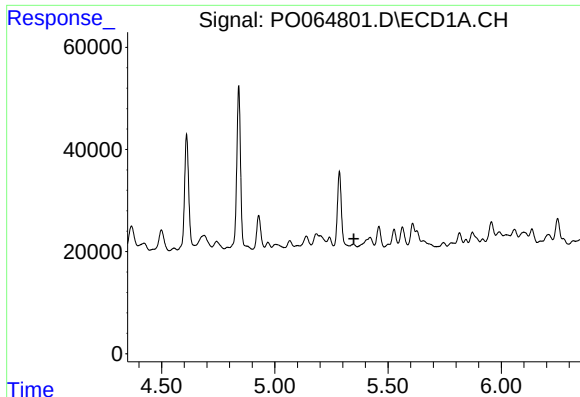
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.327 min
Response: 0
Conc: N.D.



#16 AR-1242-1

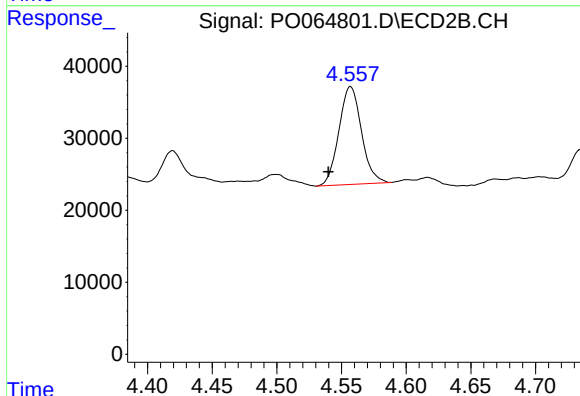
R.T.: 4.557 min
Delta R.T.: 0.036 min
Response: 165386
Conc: 190.33 ng/ml



#17 AR-1242-2

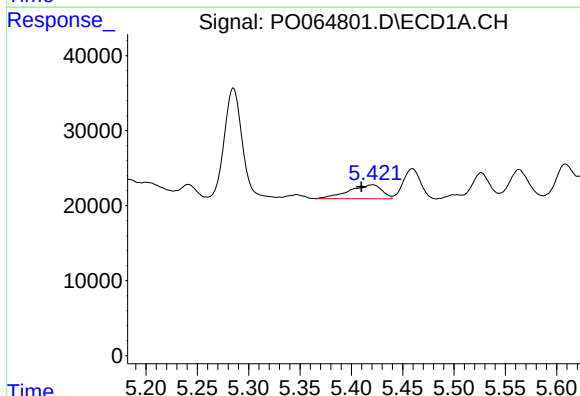
R.T.: 0.000 min
Exp R.T.: 5.349 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



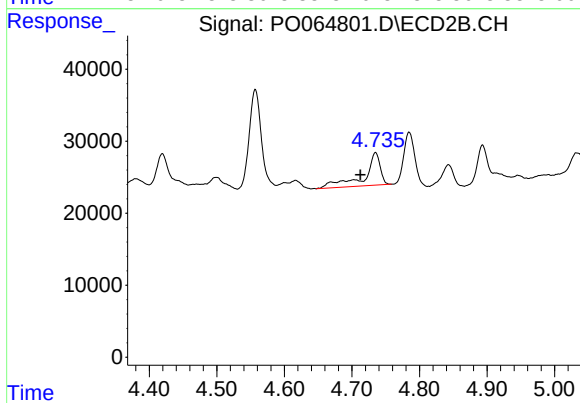
#17 AR-1242-2

R.T.: 4.557 min
Delta R.T.: 0.017 min
Response: 165386
Conc: 138.57 ng/ml



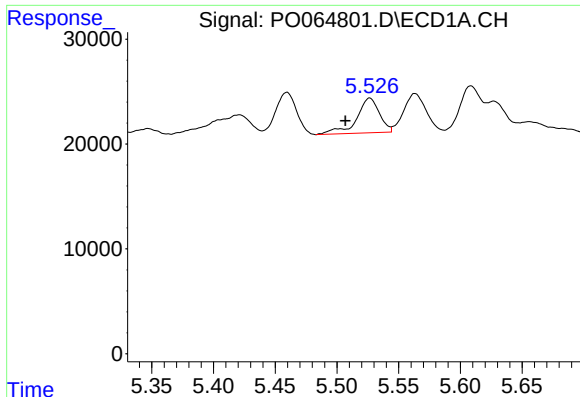
#18 AR-1242-3

R.T.: 5.421 min
Delta R.T.: 0.011 min
Response: 41727
Conc: 59.93 ng/ml



#18 AR-1242-3

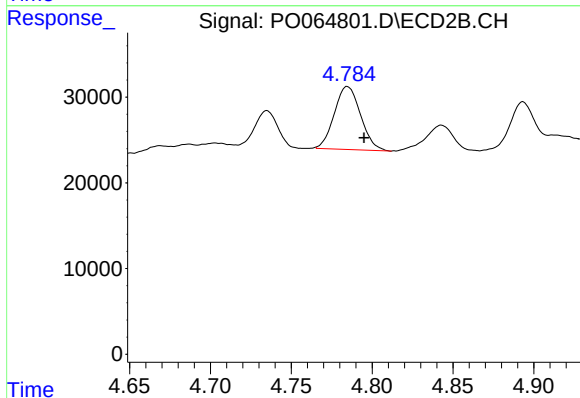
R.T.: 4.735 min
Delta R.T.: 0.023 min
Response: 75568
Conc: 119.17 ng/ml



#19 AR-1242-4

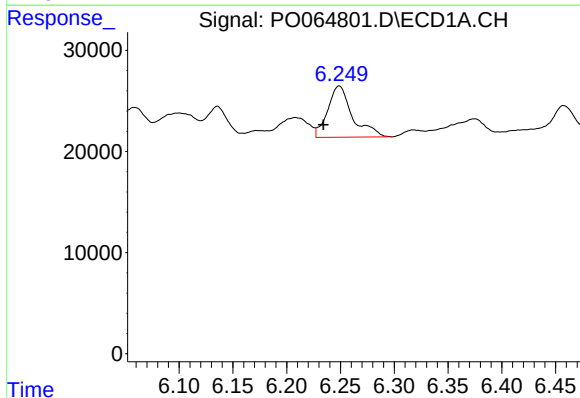
R.T.: 5.527 min
Delta R.T.: 0.020 min
Response: 42455
Conc: 75.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



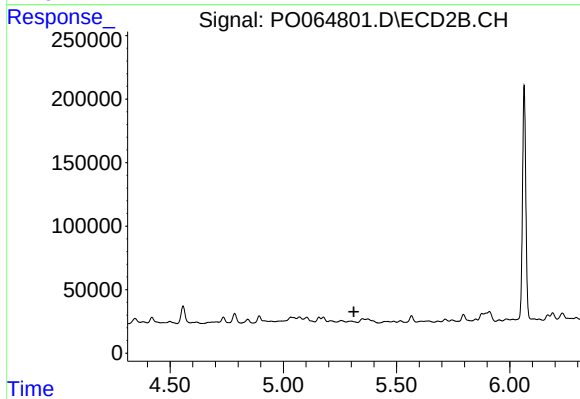
#19 AR-1242-4

R.T.: 4.785 min
Delta R.T.: -0.010 min
Response: 83215
Conc: 127.85 ng/ml



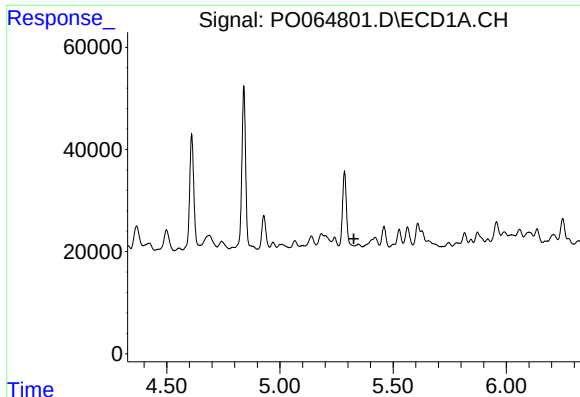
#20 AR-1242-5

R.T.: 6.249 min
Delta R.T.: 0.015 min
Response: 80600
Conc: 115.65 ng/ml



#20 AR-1242-5

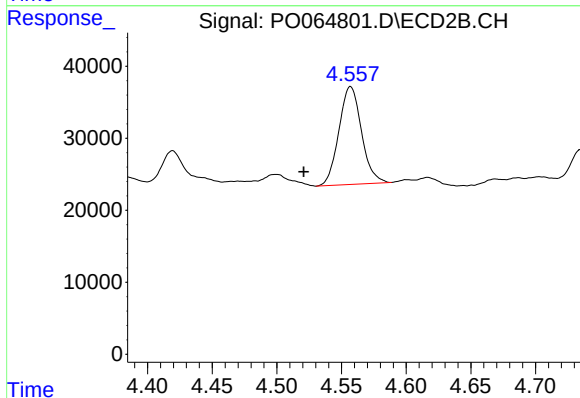
R.T.: 0.000 min
Exp R.T.: 5.312 min
Response: 0
Conc: N.D.



#21 AR-1248-1

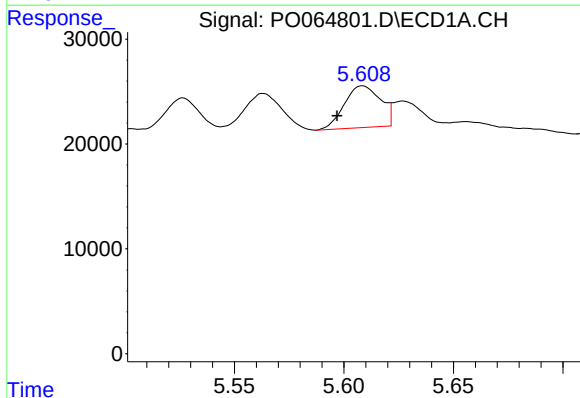
R.T.: 0.000 min
Exp R.T.: 5.327 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



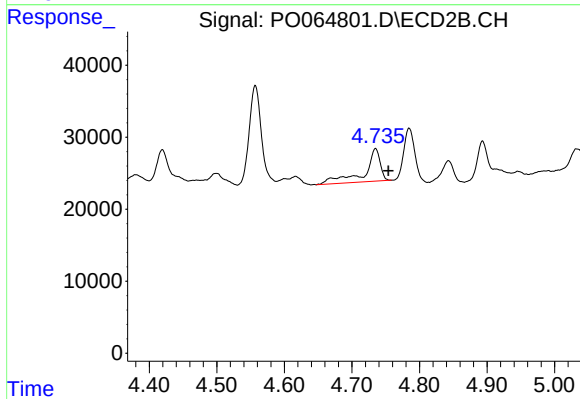
#21 AR-1248-1

R.T.: 4.557 min
Delta R.T.: 0.036 min
Response: 165386
Conc: 231.05 ng/ml



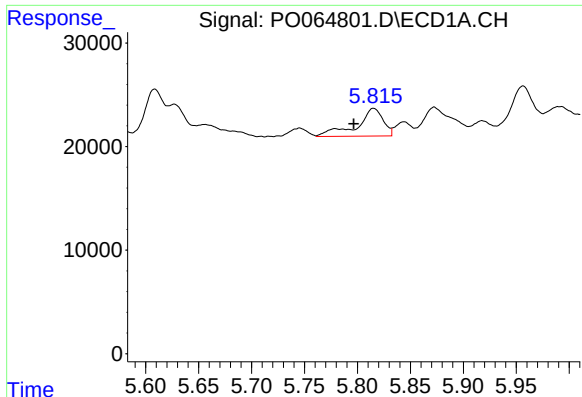
#22 AR-1248-2

R.T.: 5.609 min
Delta R.T.: 0.012 min
Response: 45857
Conc: 49.62 ng/ml



#22 AR-1248-2

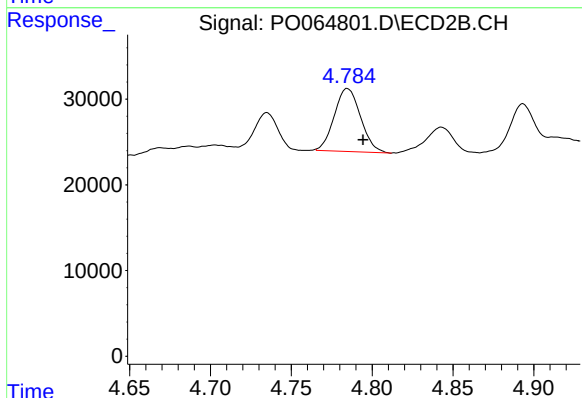
R.T.: 4.735 min
Delta R.T.: -0.019 min
Response: 75568
Conc: 76.96 ng/ml



#23 AR-1248-3

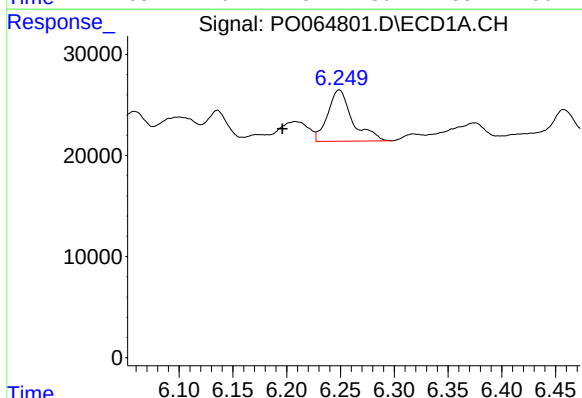
R.T.: 5.815 min
Delta R.T.: 0.019 min
Response: 46316
Conc: 43.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



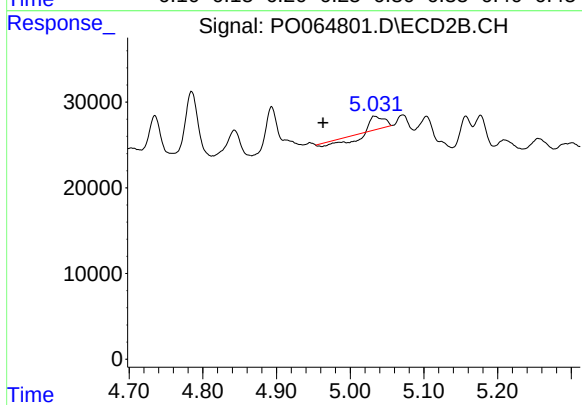
#23 AR-1248-3

R.T.: 4.785 min
Delta R.T.: -0.010 min
Response: 83215
Conc: 81.78 ng/ml



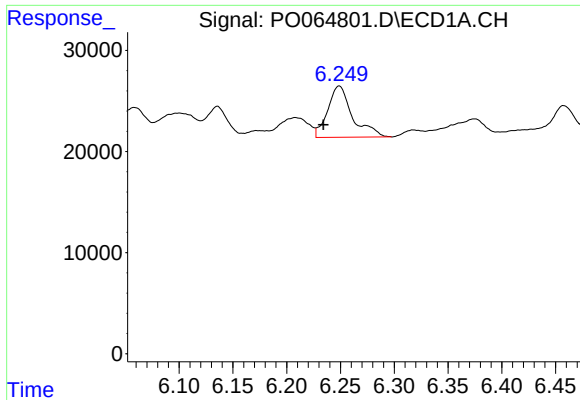
#24 AR-1248-4

R.T.: 6.249 min
Delta R.T.: 0.053 min
Response: 80600
Conc: 61.80 ng/ml



#24 AR-1248-4

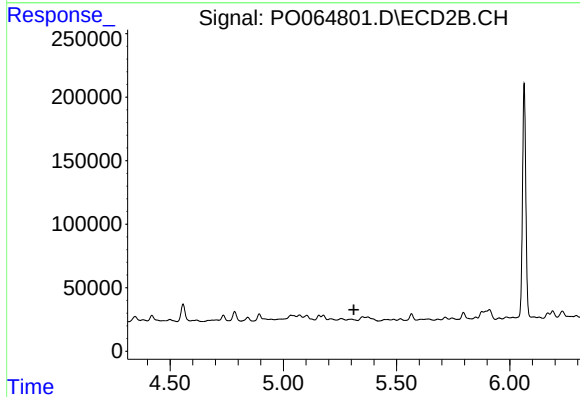
R.T.: 5.033 min
Delta R.T.: 0.070 min
Response: 2513
Conc: 1.95 ng/ml



#25 AR-1248-5

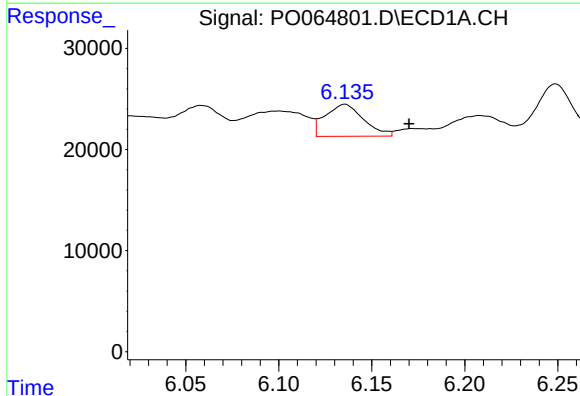
R.T.: 6.249 min
Delta R.T.: 0.015 min
Response: 80600
Conc: 64.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



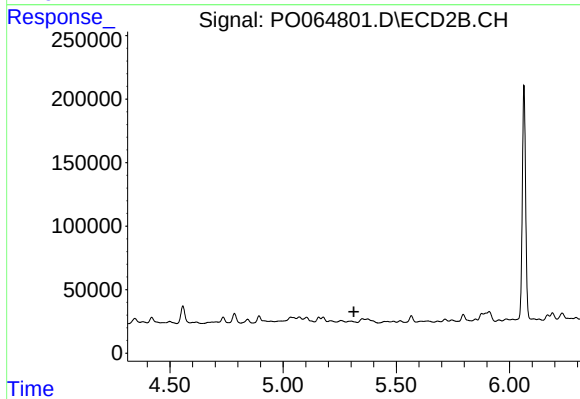
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.311 min
Response: 0
Conc: N.D.



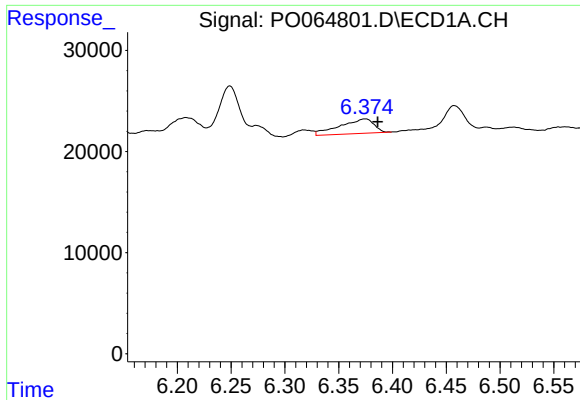
#26 AR-1254-1

R.T.: 6.136 min
Delta R.T.: -0.034 min
Response: 45275
Conc: 35.55 ng/ml



#26 AR-1254-1

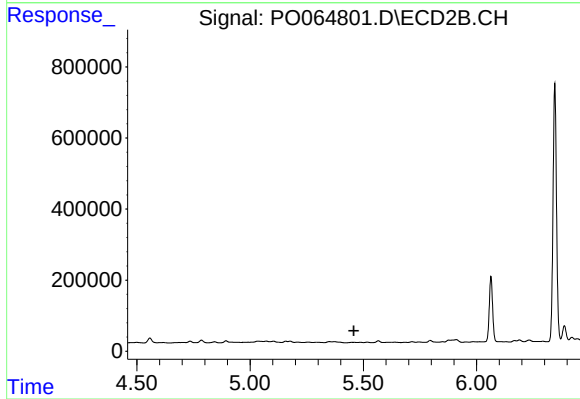
R.T.: 0.000 min
Exp R.T. : 5.312 min
Response: 0
Conc: N.D.



#27 AR-1254-2

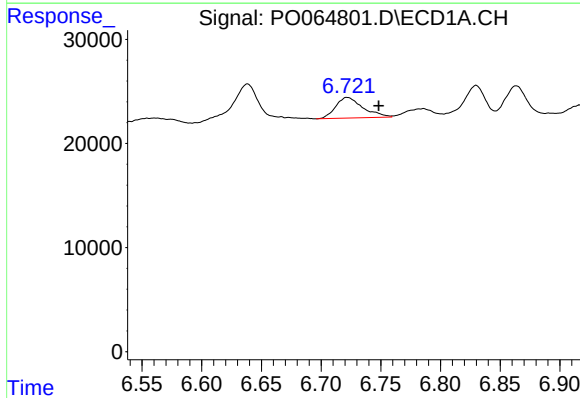
R.T.: 6.375 min
Delta R.T.: -0.012 min
Response: 31510
Conc: 15.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



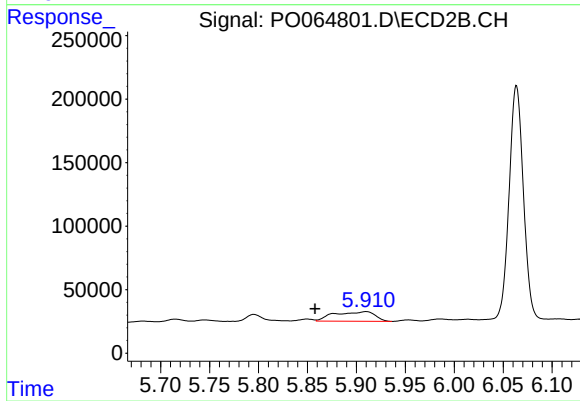
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.459 min
Response: 0
Conc: N.D.



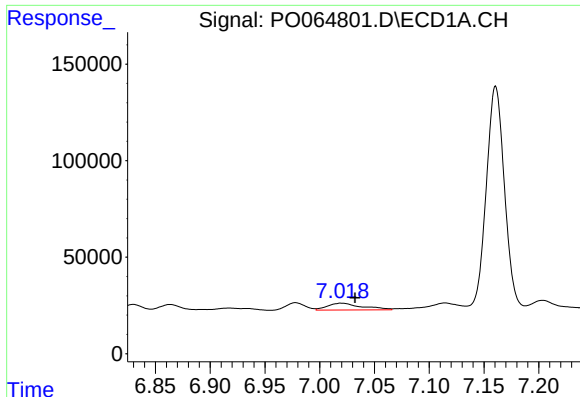
#28 AR-1254-3

R.T.: 6.722 min
Delta R.T.: -0.026 min
Response: 31499
Conc: 13.19 ng/ml



#28 AR-1254-3

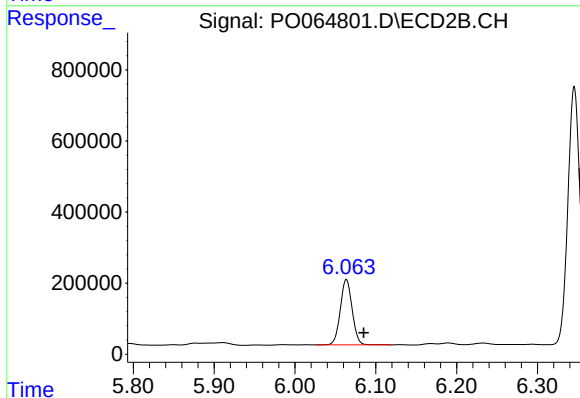
R.T.: 5.910 min
Delta R.T.: 0.052 min
Response: 214740
Conc: 69.13 ng/ml



#29 AR-1254-4

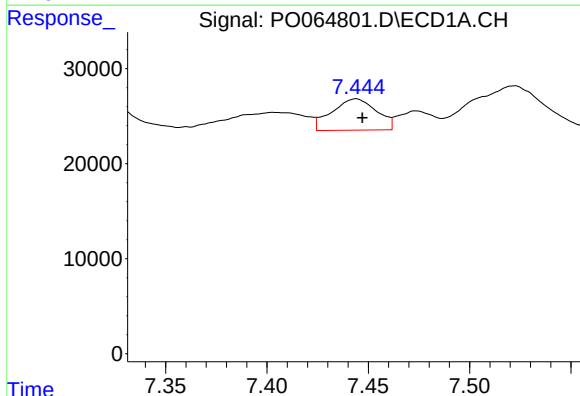
R.T.: 7.020 min
Delta R.T.: -0.013 min
Response: 79012
Conc: 42.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



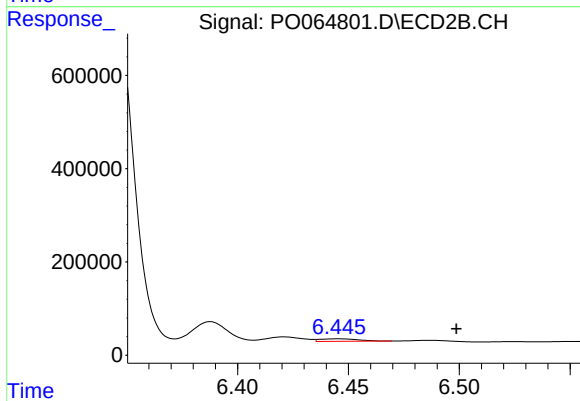
#29 AR-1254-4

R.T.: 6.064 min
Delta R.T.: -0.021 min
Response: 1874447
Conc: 912.57 ng/ml



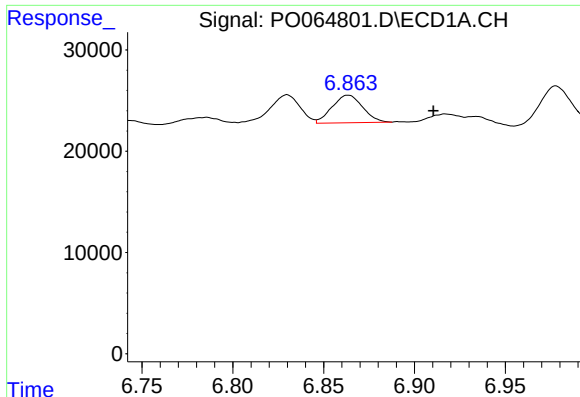
#30 AR-1254-5

R.T.: 7.444 min
Delta R.T.: -0.003 min
Response: 50667
Conc: 24.08 ng/ml



#30 AR-1254-5

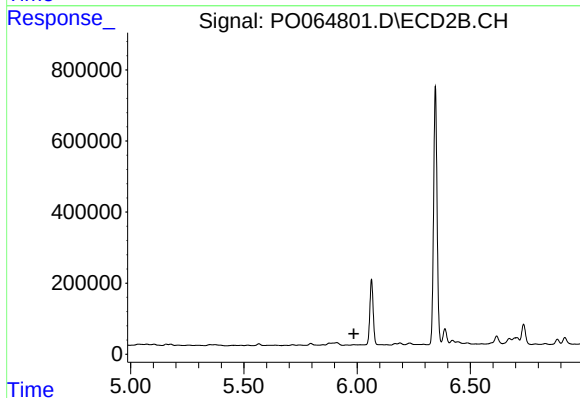
R.T.: 6.445 min
Delta R.T.: -0.053 min
Response: 63034
Conc: 21.12 ng/ml



#31 AR-1260-1

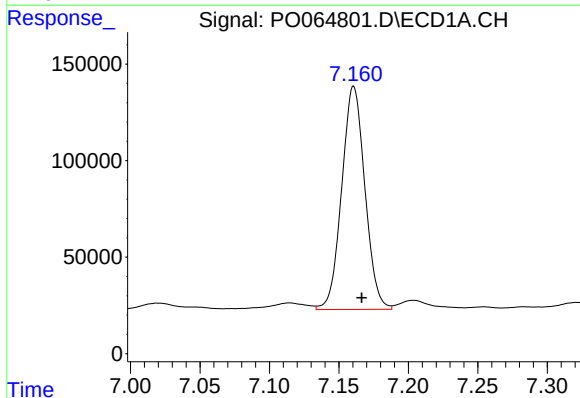
R.T.: 6.864 min
Delta R.T.: -0.047 min
Response: 31784
Conc: 20.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



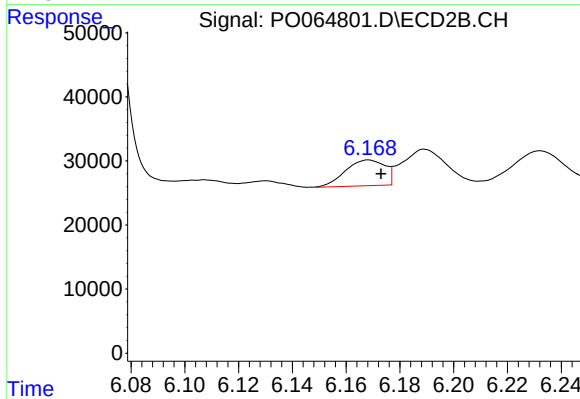
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 5.986 min
Response: 0
Conc: N.D.



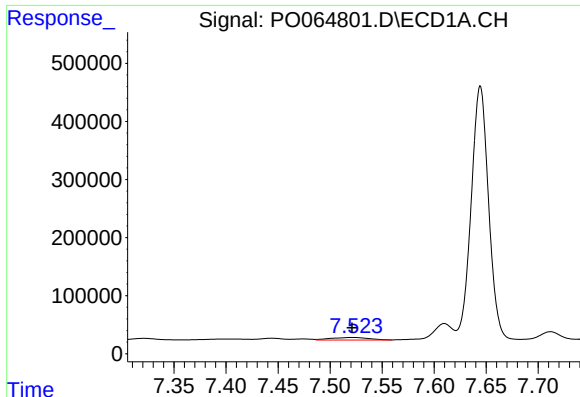
#32 AR-1260-2

R.T.: 7.161 min
Delta R.T.: -0.006 min
Response: 1342211
Conc: 679.95 ng/ml



#32 AR-1260-2

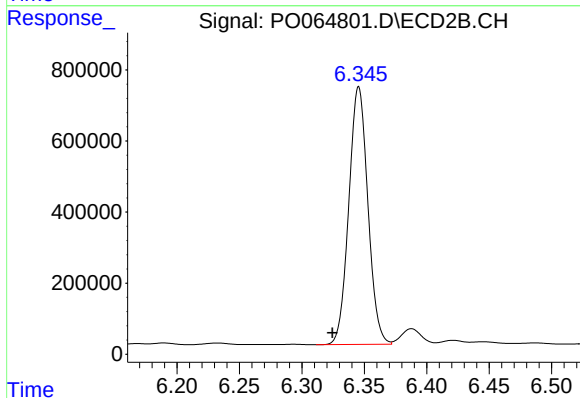
R.T.: 6.168 min
Delta R.T.: -0.005 min
Response: 40787
Conc: 17.53 ng/ml



#33 AR-1260-3

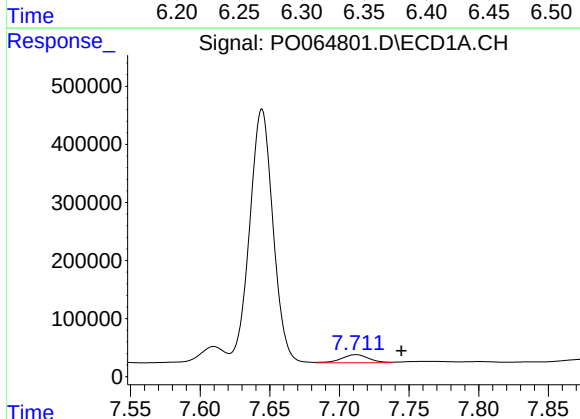
R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 110382
Conc: 73.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



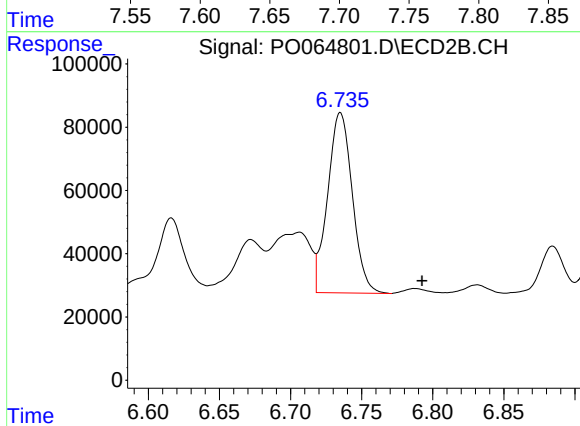
#33 AR-1260-3

R.T.: 6.346 min
Delta R.T.: 0.021 min
Response: 7711752
Conc: 3642.22 ng/ml



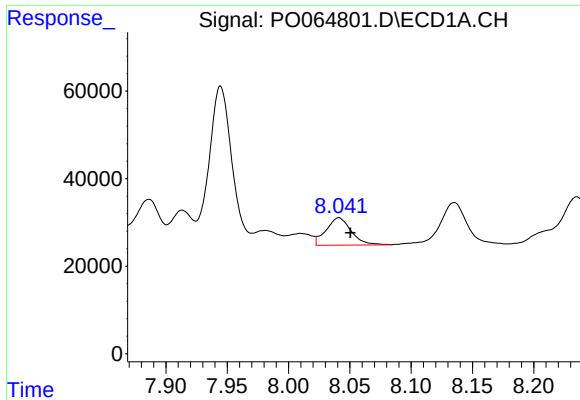
#34 AR-1260-4

R.T.: 7.712 min
Delta R.T.: -0.033 min
Response: 189264
Conc: 102.46 ng/ml



#34 AR-1260-4

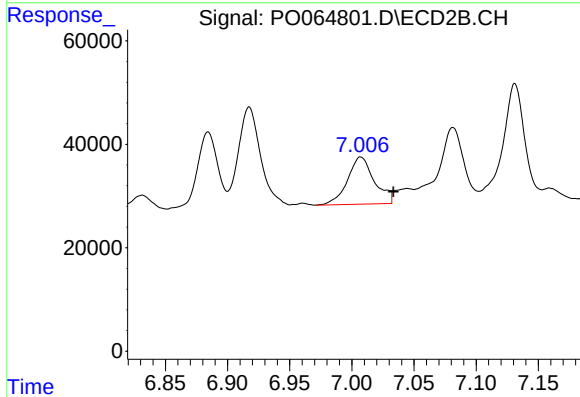
R.T.: 6.735 min
Delta R.T.: -0.057 min
Response: 689374
Conc: 365.93 ng/ml



#35 AR-1260-5

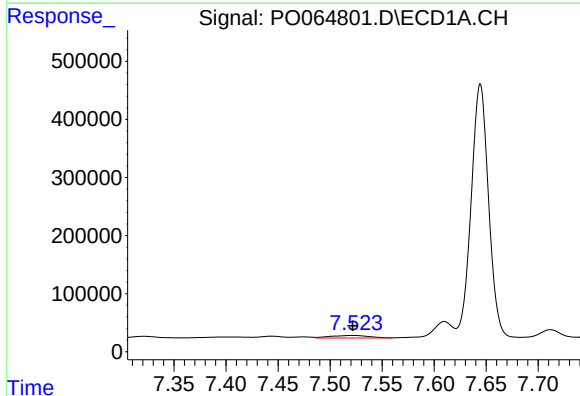
R.T.: 8.041 min
Delta R.T.: -0.009 min
Response: 89711
Conc: 24.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



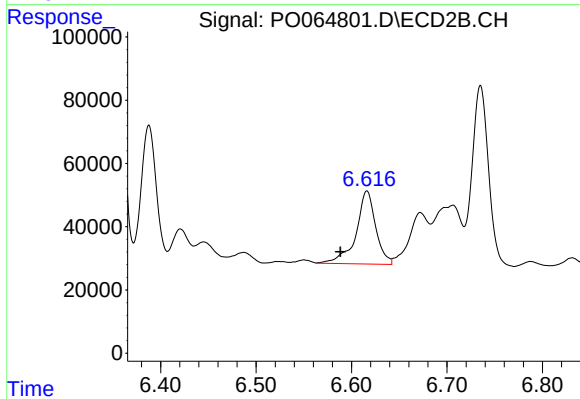
#35 AR-1260-5

R.T.: 7.007 min
Delta R.T.: -0.026 min
Response: 136867
Conc: 29.18 ng/ml



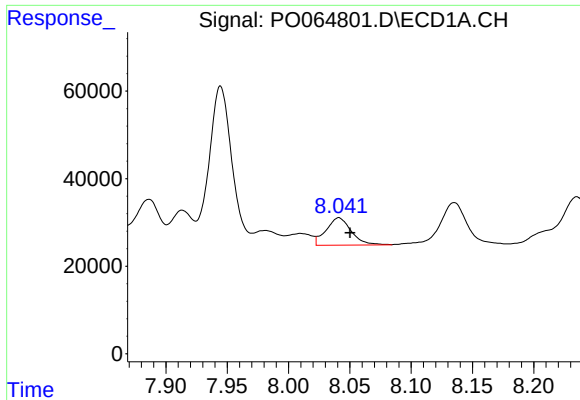
#36 AR-1262-1

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 110382
Conc: 48.00 ng/ml



#36 AR-1262-1

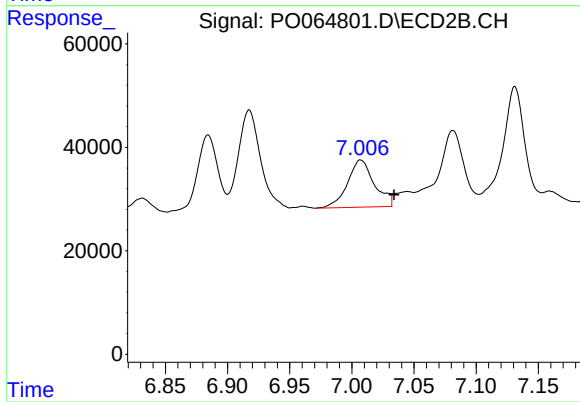
R.T.: 6.616 min
Delta R.T.: 0.028 min
Response: 330793
Conc: 288.34 ng/ml



#37 AR-1262-2

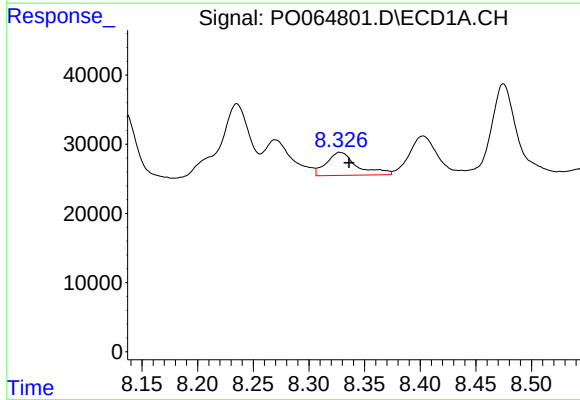
R.T.: 8.041 min
Delta R.T.: -0.009 min
Response: 89711
Conc: 20.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



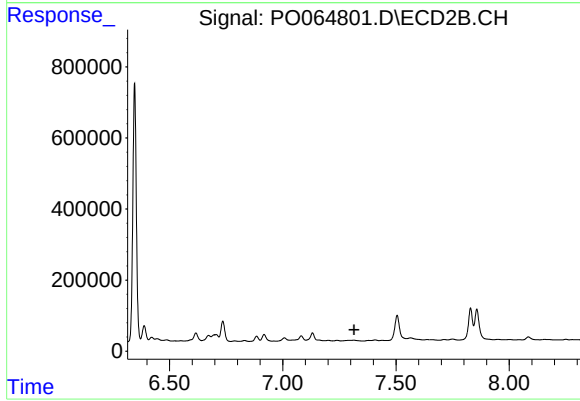
#37 AR-1262-2

R.T.: 7.007 min
Delta R.T.: -0.027 min
Response: 136867
Conc: 25.05 ng/ml



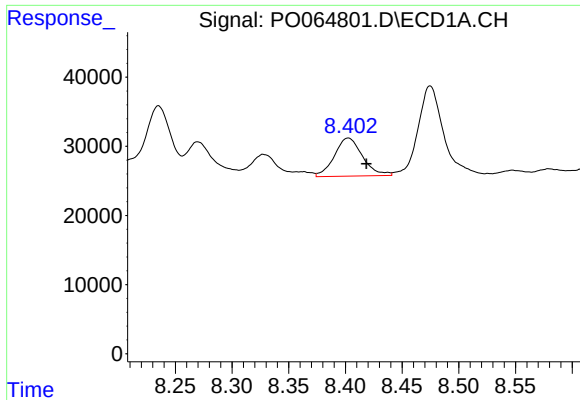
#38 AR-1262-3

R.T.: 8.328 min
Delta R.T.: -0.008 min
Response: 63795
Conc: 21.92 ng/ml



#38 AR-1262-3

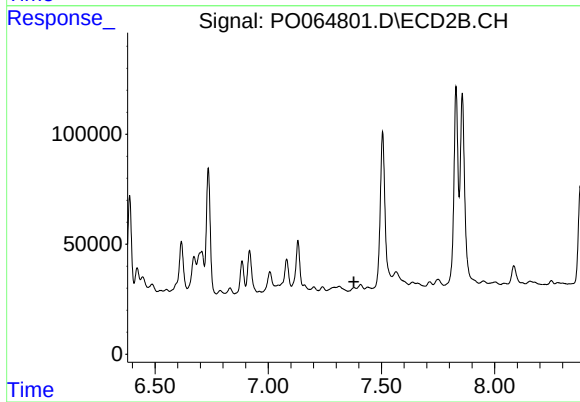
R.T.: 0.000 min
Exp R.T. : 7.314 min
Response: 0
Conc: N.D.



#39 AR-1262-4

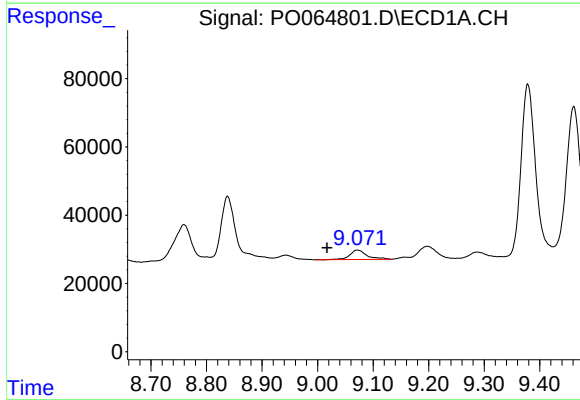
R.T.: 8.402 min
Delta R.T.: -0.016 min
Response: 94723
Conc: 43.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



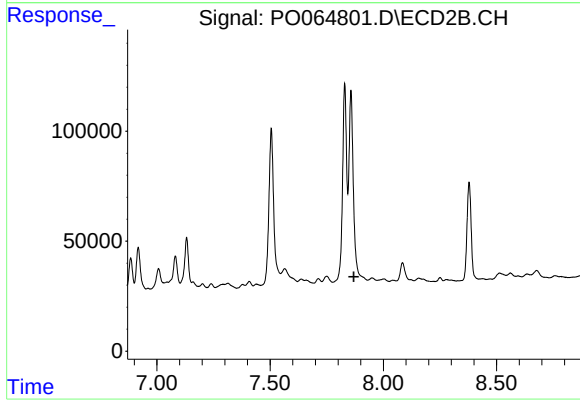
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.378 min
Response: 0
Conc: N.D.



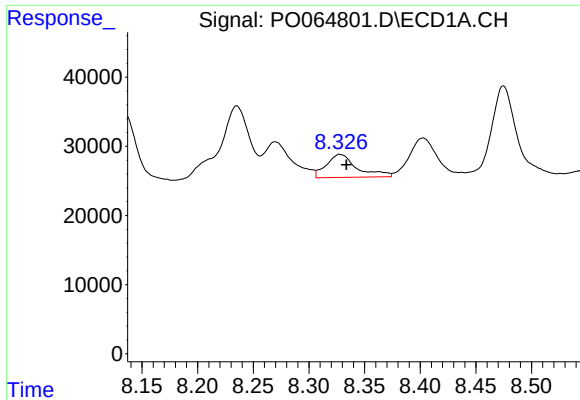
#40 AR-1262-5

R.T.: 9.072 min
Delta R.T.: 0.055 min
Response: 59522
Conc: 40.58 ng/ml



#40 AR-1262-5

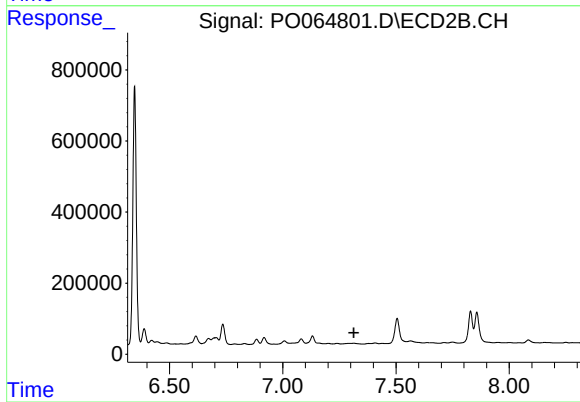
R.T.: 7.857 min
Delta R.T.: -0.013 min
Response: -966850
Conc: N.D.



#41 AR-1268-1

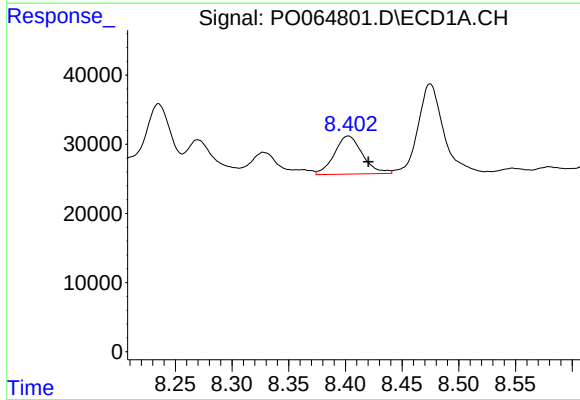
R.T.: 8.328 min
Delta R.T.: -0.006 min
Response: 63795
Conc: 12.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



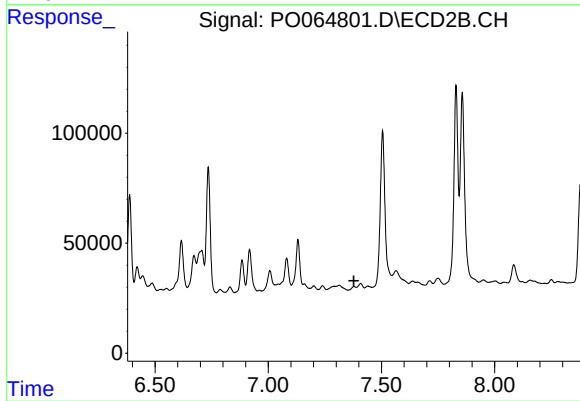
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.314 min
Response: 0
Conc: N.D.



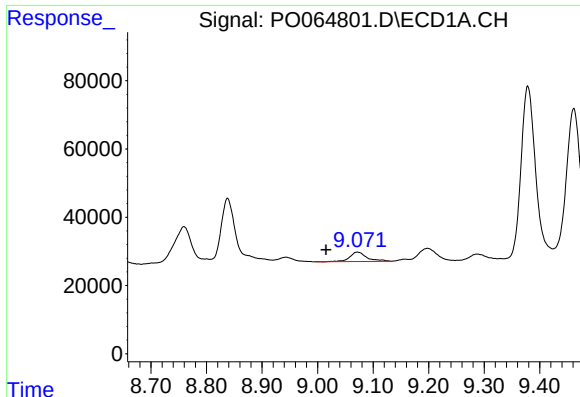
#42 AR-1268-2

R.T.: 8.402 min
Delta R.T.: -0.018 min
Response: 94723
Conc: 20.14 ng/ml



#42 AR-1268-2

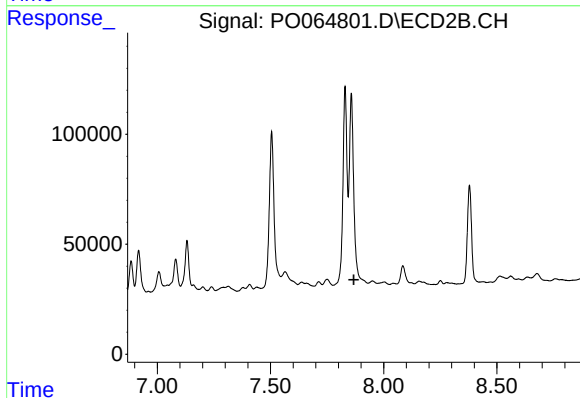
R.T.: 0.000 min
Exp R.T. : 7.378 min
Response: 0
Conc: N.D.



#44 AR-1268-4

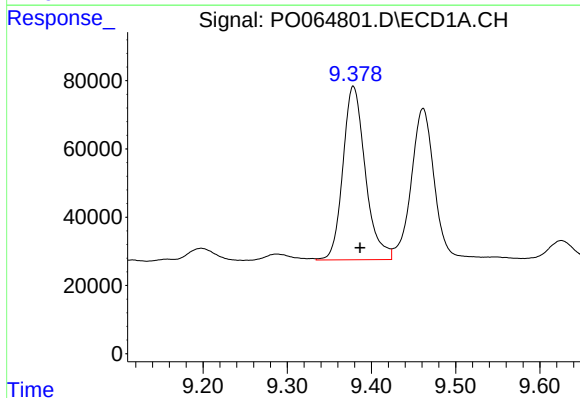
R.T.: 9.072 min
Delta R.T.: 0.056 min
Response: 59522
Conc: 35.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



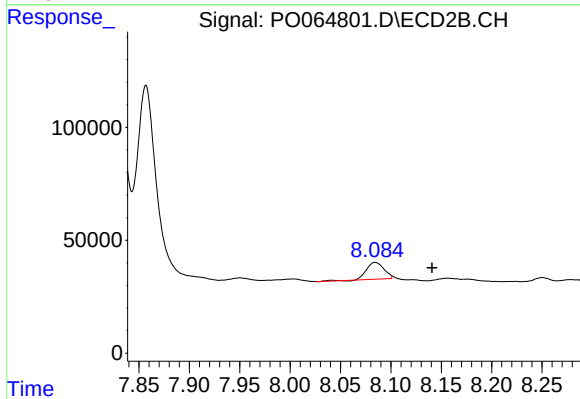
#44 AR-1268-4

R.T.: 7.857 min
Delta R.T.: -0.012 min
Response: -966850
Conc: N.D.



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: -0.008 min
Response: 940324
Conc: 79.24 ng/ml



#45 AR-1268-5

R.T.: 8.084 min
Delta R.T.: -0.056 min
Response: 91092
Conc: 6.30 ng/ml