

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020520\
 Data File : P0066306.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Feb 2020 20:16
 Operator : DD\AJ
 Sample : L1379-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 05:05:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0013020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 31 01:14:46 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...	4.153	3.430	615127	740101	21.116	18.093
2)	SA Decachlor...	9.645	8.325	230402	316509	5.847	5.400
Target Compounds							
3)	L1 AR-1016-1	5.237	0.000	86044	0	65.477	N.D. #
5)	L1 AR-1016-3	0.000	4.722	0	23038	N.D.	16.549 #
6)	L1 AR-1016-4	0.000	4.722	0	23038	N.D.	19.941 #
7)	L1 AR-1016-5	0.000	4.930	0	13082	N.D.	8.771 #
8)	L2 AR-1221-1	4.359	3.634	20748	24147	58.256	47.755
9)	L2 AR-1221-2	0.000	3.700	0	13133	N.D.	35.270 #
10)	L2 AR-1221-3	4.535	3.762	23468	34604	26.843	28.937
11)	L3 AR-1232-1	4.535	3.762	23468	34604	34.653	37.250
12)	L3 AR-1232-2	5.048	0.000	99366	0	238.405	N.D. #
13)	L3 AR-1232-3	0.000	4.722	0	23038	N.D.	41.324 #
14)	L3 AR-1232-4	0.000	4.762	0	9093	N.D.	18.842 #
15)	L3 AR-1232-5	0.000	4.930	0	13082	N.D.	25.364 #
16)	L4 AR-1242-1	5.237	0.000	86044	0	84.956	N.D. #
18)	L4 AR-1242-3	0.000	4.722	0	23038	N.D.	21.675 #
19)	L4 AR-1242-4	0.000	4.762	0	9093	N.D.	8.846 #
20)	L4 AR-1242-5	6.170	5.276	60334	166930	65.053	120.719 #
21)	L5 AR-1248-1	5.237	0.000	86044	0	112.866	N.D. #
22)	L5 AR-1248-2	0.000	4.722	0	23038	N.D.	15.507 #
23)	L5 AR-1248-3	0.000	4.762	0	9093	N.D.	6.082 #
24)	L5 AR-1248-4	6.170	4.930	60334	13082	38.226	7.246 #
25)	L5 AR-1248-5	6.170	5.314	60334	72633	40.586	37.140
26)	L6 AR-1254-1	6.143	5.276	62890	166930	40.477	52.442 #
27)	L6 AR-1254-2	6.360	5.420	90139	194646	36.275	66.324 #
28)	L6 AR-1254-3	6.722	5.817	142332	225942	53.266	49.200
29)	L6 AR-1254-4	7.005	6.044	149374	211694	64.689	67.185
30)	L6 AR-1254-5	7.419	6.456	243021	487206	106.506	115.030
31)	L7 AR-1260-1	6.882	5.946	61189	167315	30.520	52.012 #
32)	L7 AR-1260-2	7.138	6.133	137174	181310	49.786	40.240
33)	L7 AR-1260-3	7.449	6.282	28861	144947	12.605	38.453 #
34)	L7 AR-1260-4	7.708	6.749	120823	39320	53.004	12.564 #
35)	L7 AR-1260-5	8.022	6.991	78089	102413	15.767	12.367
36)	L8 AR-1262-1	7.449	6.545	28861	29889	8.753	14.187 #
37)	L8 AR-1262-2	8.022	6.991	78089	102413	14.327	10.822
38)	L8 AR-1262-3	8.320	7.272	59764	53902	16.608	14.006
39)	L8 AR-1262-4	8.320	7.332	59764	129397	21.962	19.689
41)	L9 AR-1268-1	8.320	7.272	59764	53902	8.660	4.489 #
42)	L9 AR-1268-2	0.000	7.332	0	129397	N.D.	12.529 #
43)	L9 AR-1268-3	0.000	7.539	0	68676	N.D.	7.882 #
45)	L9 AR-1268-5	0.000	8.095	0	37199	N.D.	1.502 #

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

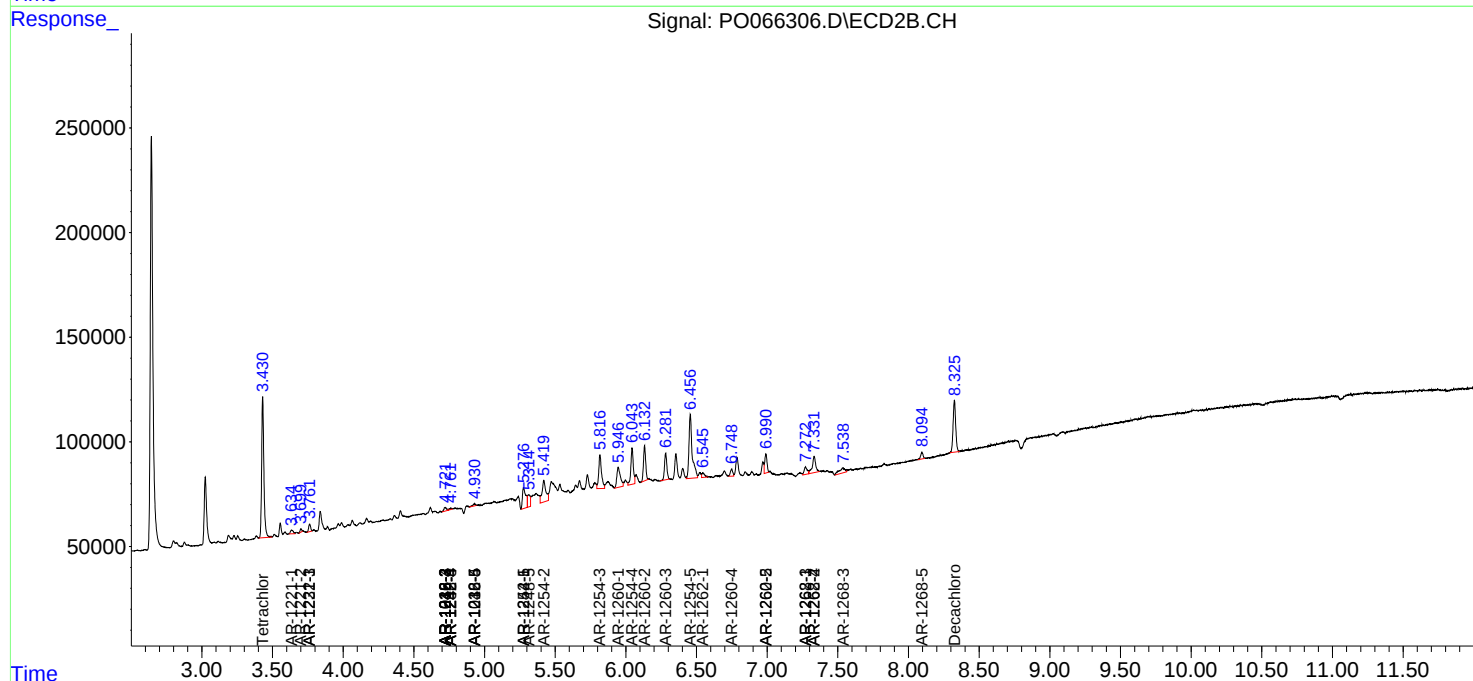
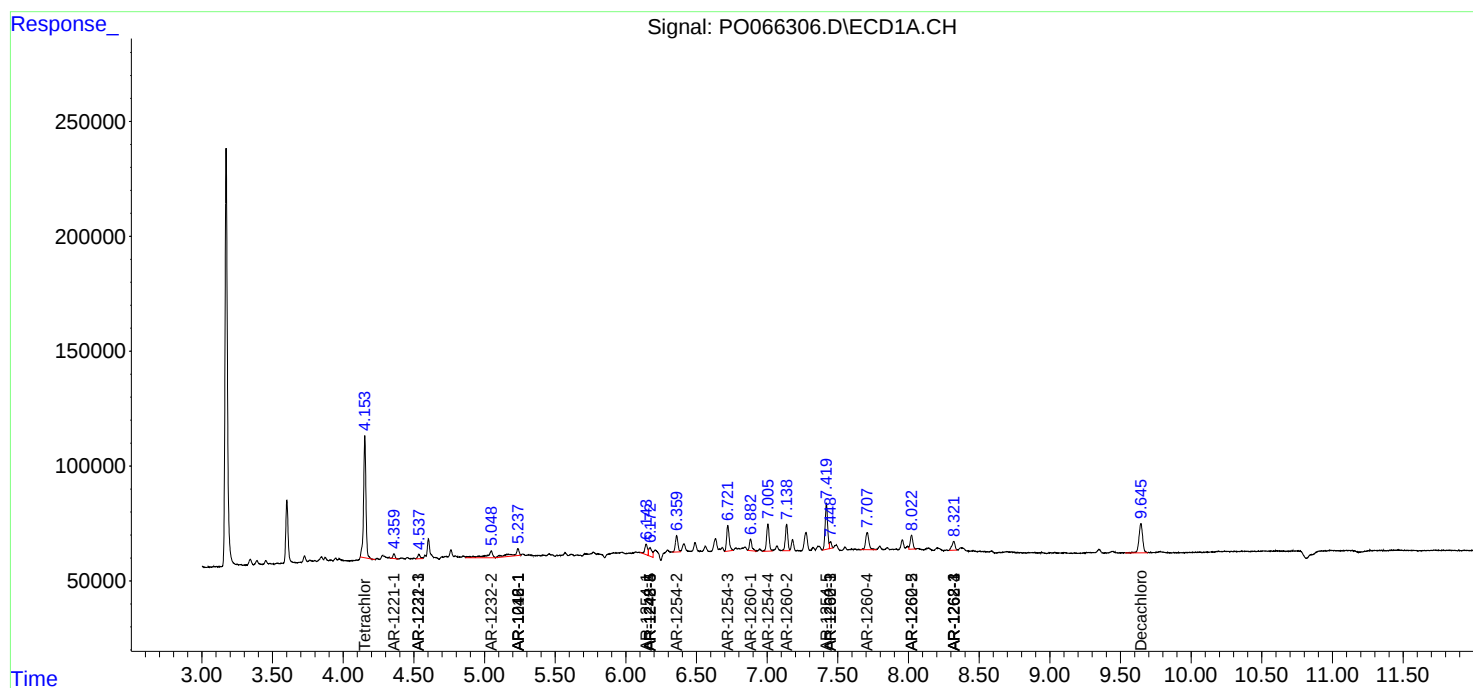
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

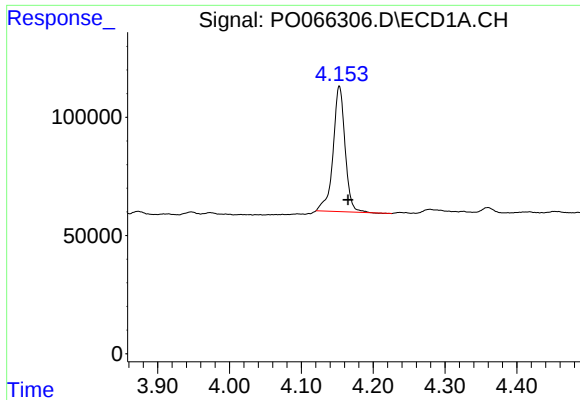
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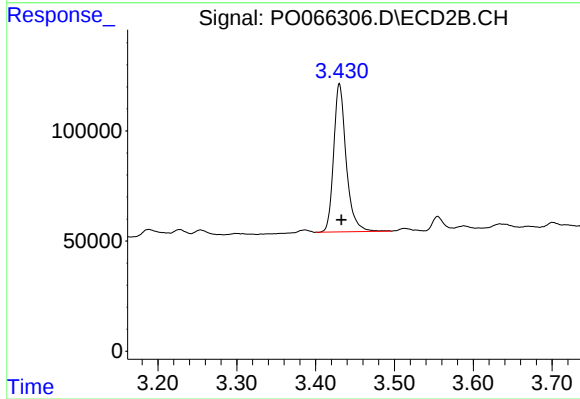




#1 Tetrachloro-m-xylene

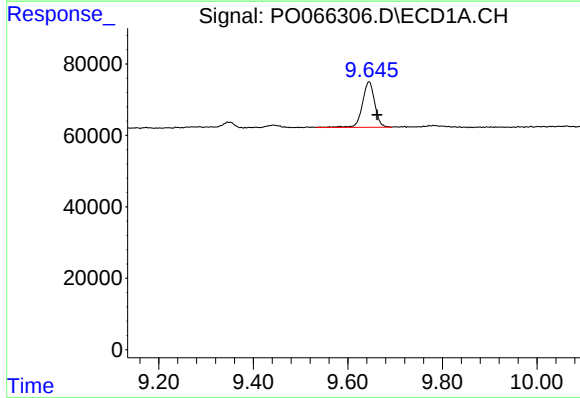
R.T.: 4.153 min
Delta R.T.: -0.012 min
Response: 615127
Conc: 21.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



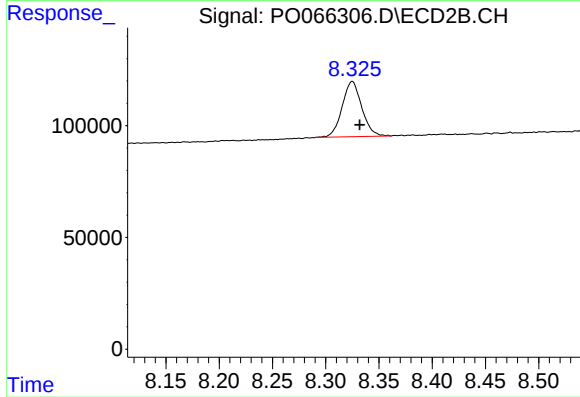
#1 Tetrachloro-m-xylene

R.T.: 3.430 min
Delta R.T.: -0.003 min
Response: 740101
Conc: 18.09 ng/ml



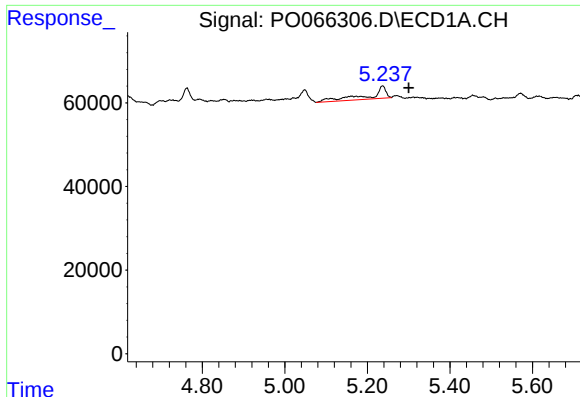
#2 Decachlorobiphenyl

R.T.: 9.645 min
Delta R.T.: -0.016 min
Response: 230402
Conc: 5.85 ng/ml



#2 Decachlorobiphenyl

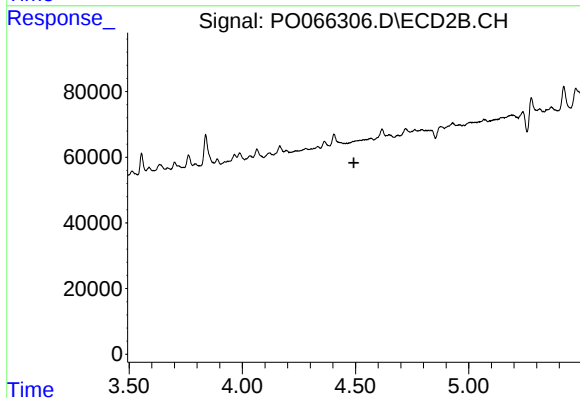
R.T.: 8.325 min
Delta R.T.: -0.007 min
Response: 316509
Conc: 5.40 ng/ml



#3 AR-1016-1

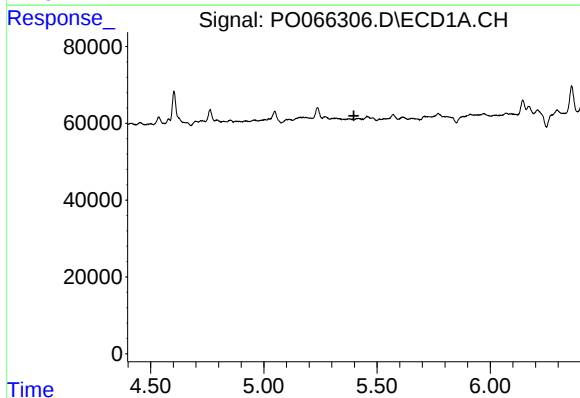
R.T.: 5.237 min
Delta R.T.: -0.063 min
Response: 86044
Conc: 65.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



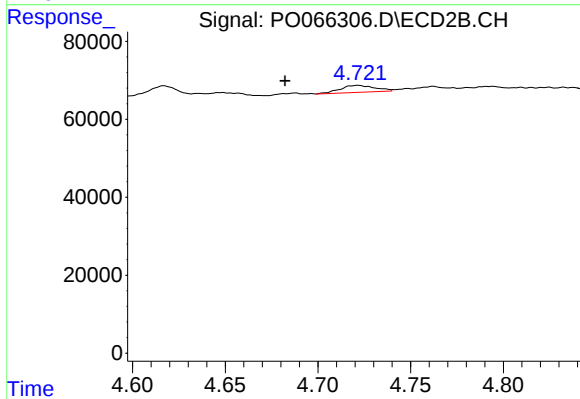
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.493 min
Response: 0
Conc: N.D.



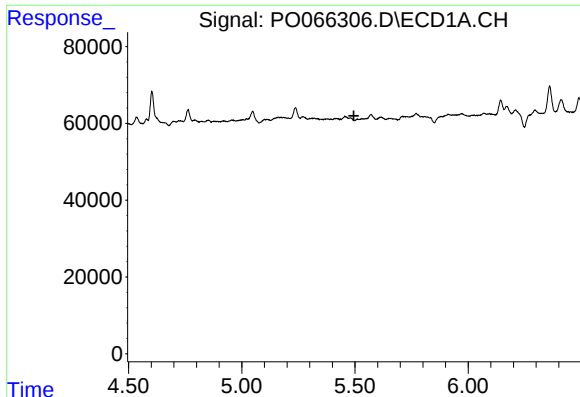
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.398 min
Response: 0
Conc: N.D.



#5 AR-1016-3

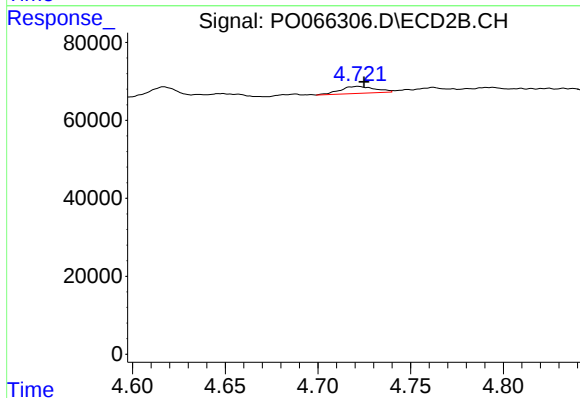
R.T.: 4.722 min
Delta R.T.: 0.039 min
Response: 23038
Conc: 16.55 ng/ml



#6 AR-1016-4

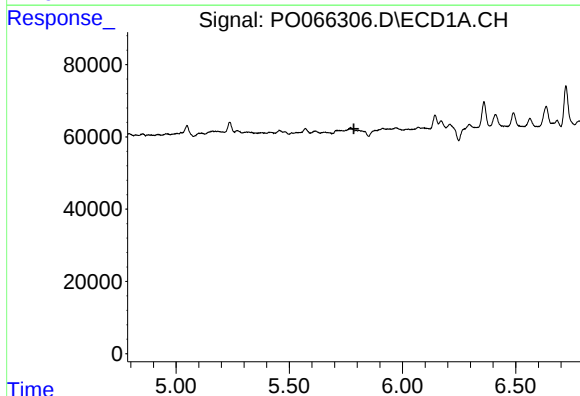
R.T.: 0.000 min
Exp R.T.: 5.495 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



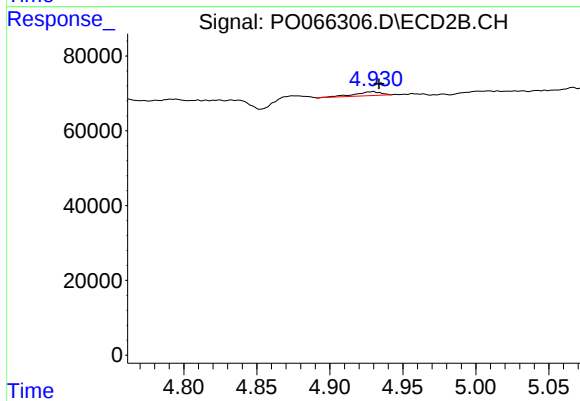
#6 AR-1016-4

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 23038
Conc: 19.94 ng/ml



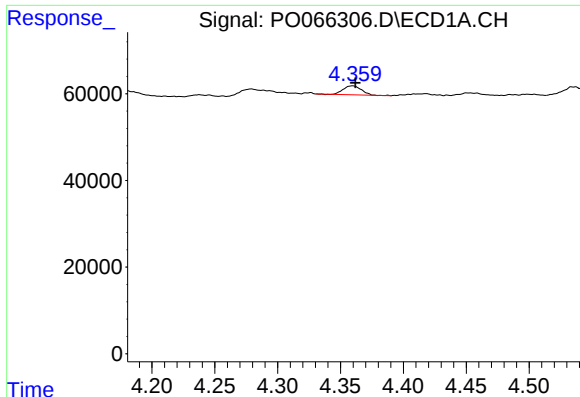
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.785 min
Response: 0
Conc: N.D.



#7 AR-1016-5

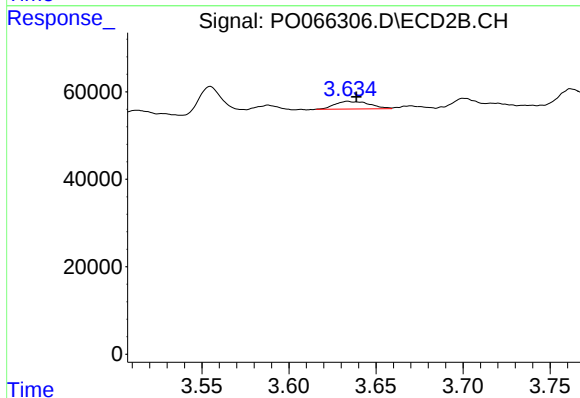
R.T.: 4.930 min
Delta R.T.: -0.004 min
Response: 13082
Conc: 8.77 ng/ml



#8 AR-1221-1

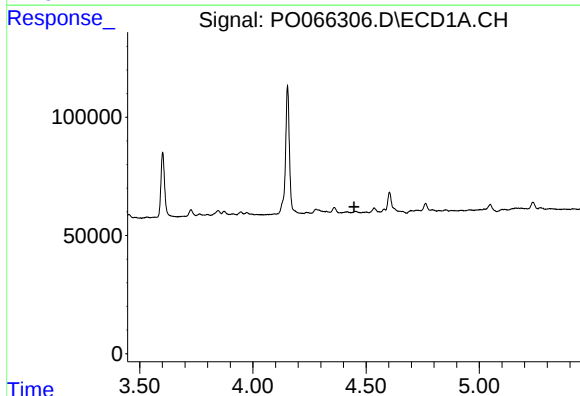
R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 20748
Conc: 58.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



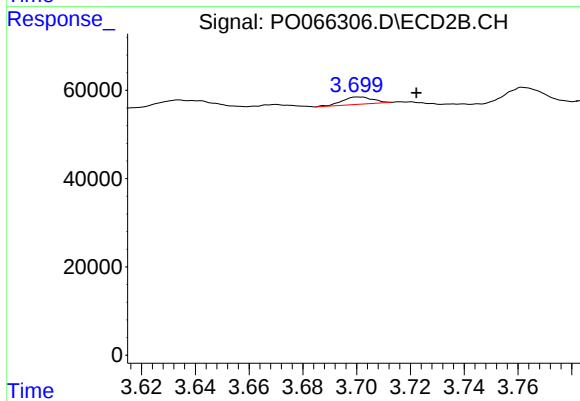
#8 AR-1221-1

R.T.: 3.634 min
Delta R.T.: -0.005 min
Response: 24147
Conc: 47.75 ng/ml



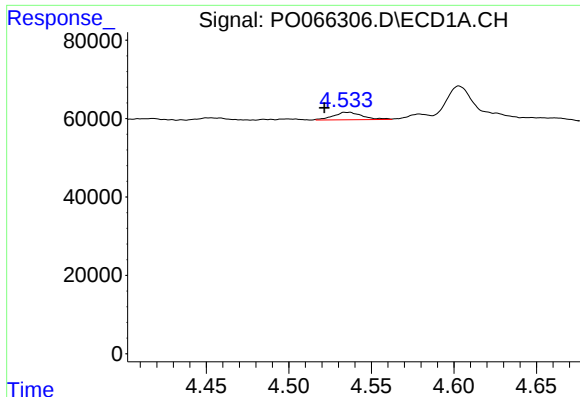
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.446 min
Response: 0
Conc: N.D.



#9 AR-1221-2

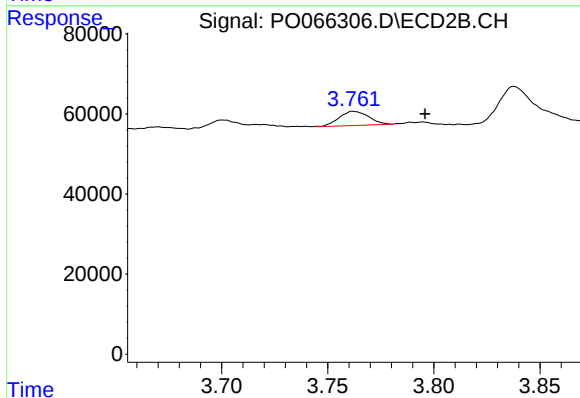
R.T.: 3.700 min
Delta R.T.: -0.022 min
Response: 13133
Conc: 35.27 ng/ml



#10 AR-1221-3

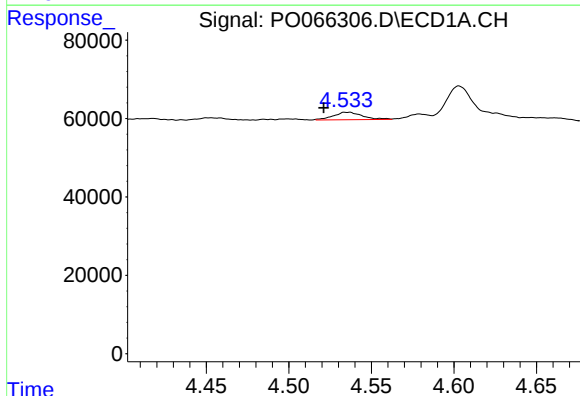
R.T.: 4.535 min
Delta R.T.: 0.014 min
Response: 23468
Conc: 26.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



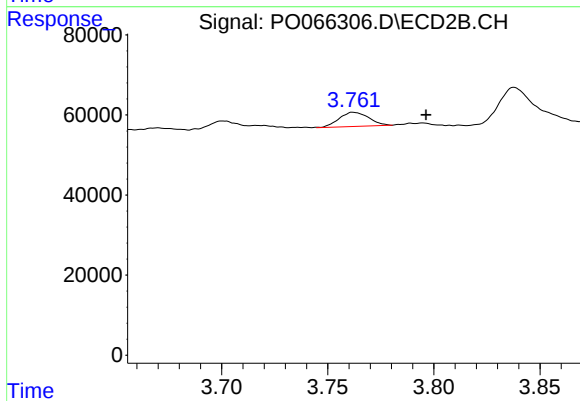
#10 AR-1221-3

R.T.: 3.762 min
Delta R.T.: -0.034 min
Response: 34604
Conc: 28.94 ng/ml



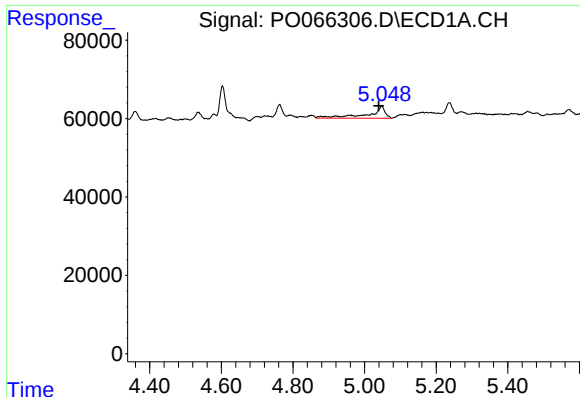
#11 AR-1232-1

R.T.: 4.535 min
Delta R.T.: 0.014 min
Response: 23468
Conc: 34.65 ng/ml



#11 AR-1232-1

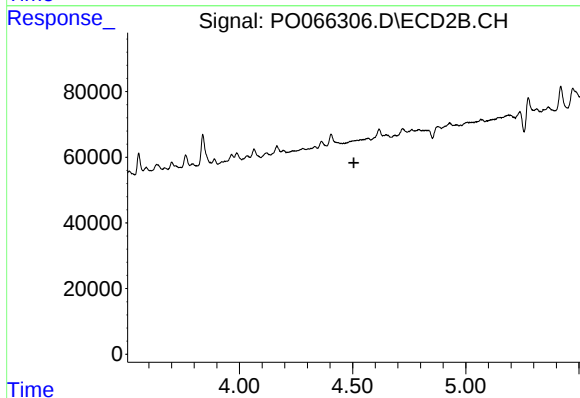
R.T.: 3.762 min
Delta R.T.: -0.034 min
Response: 34604
Conc: 37.25 ng/ml



#12 AR-1232-2

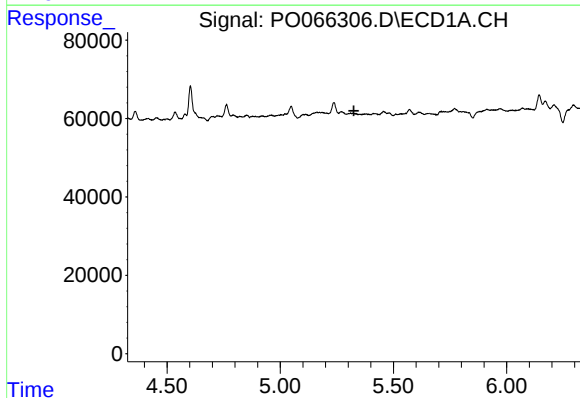
R.T.: 5.048 min
Delta R.T.: 0.009 min
Response: 99366
Conc: 238.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



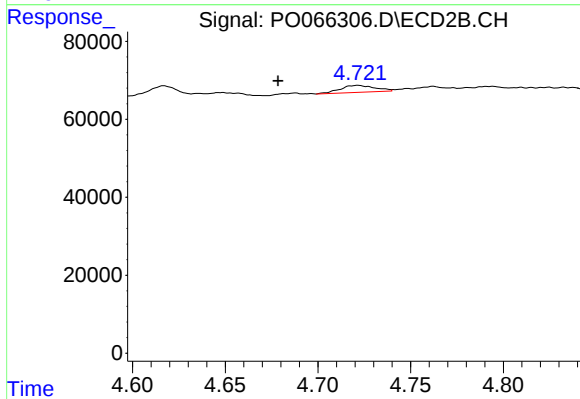
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.506 min
Response: 0
Conc: N.D.



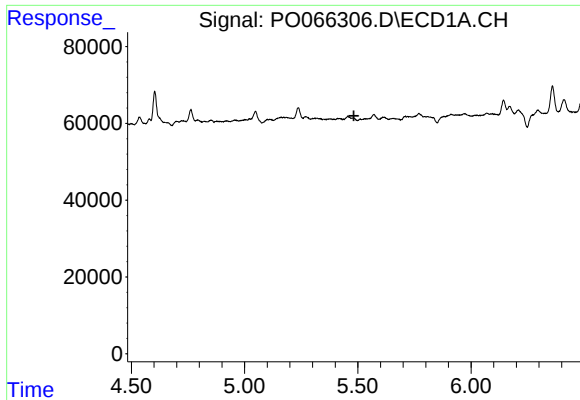
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.325 min
Response: 0
Conc: N.D.



#13 AR-1232-3

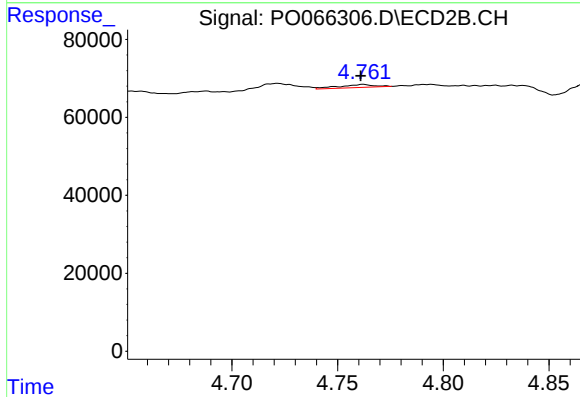
R.T.: 4.722 min
Delta R.T.: 0.043 min
Response: 23038
Conc: 41.32 ng/ml



#14 AR-1232-4

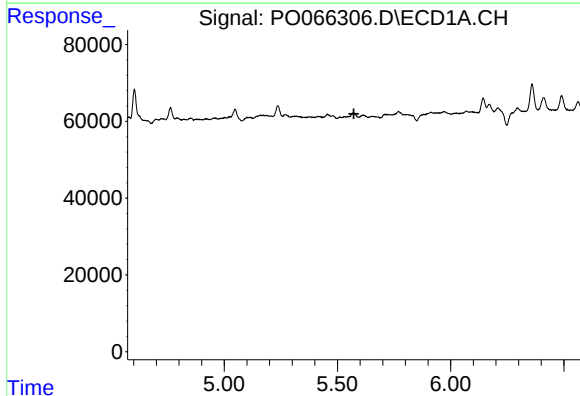
R.T.: 0.000 min
Exp R.T.: 5.483 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



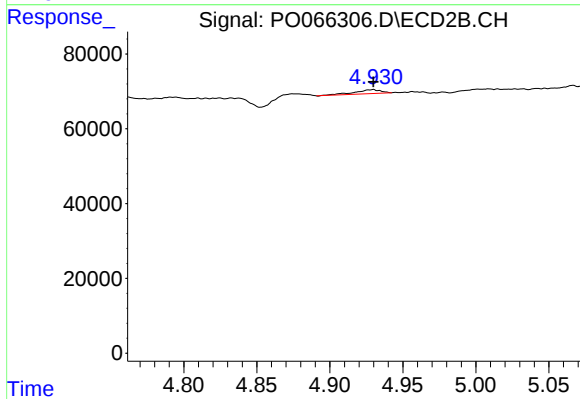
#14 AR-1232-4

R.T.: 4.762 min
Delta R.T.: 0.001 min
Response: 9093
Conc: 18.84 ng/ml



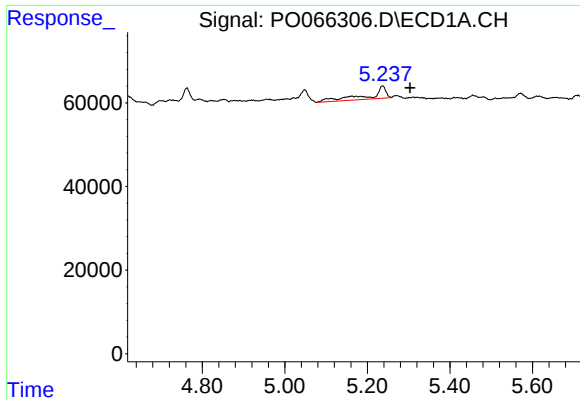
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.573 min
Response: 0
Conc: N.D.



#15 AR-1232-5

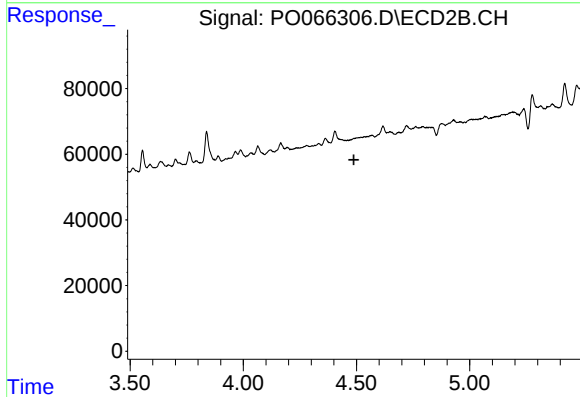
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 13082
Conc: 25.36 ng/ml



#16 AR-1242-1

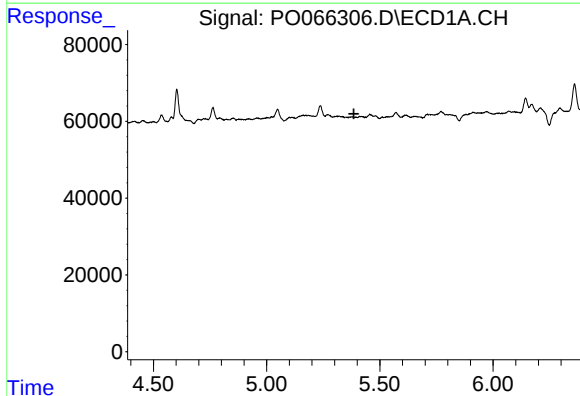
R.T.: 5.237 min
Delta R.T.: -0.066 min
Response: 86044
Conc: 84.96 ng/ml

Instrument :
ECD_O
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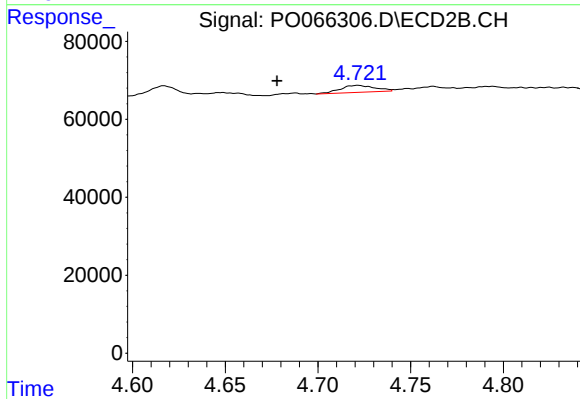
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.488 min
Response: 0
Conc: N.D.



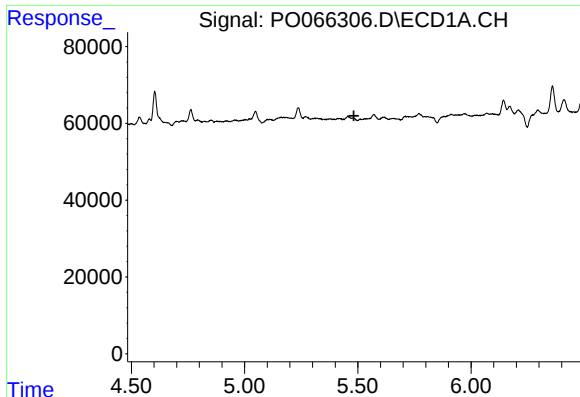
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.385 min
Response: 0
Conc: N.D.



#18 AR-1242-3

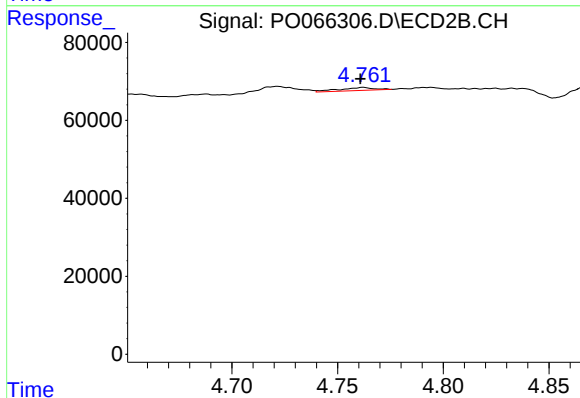
R.T.: 4.722 min
Delta R.T.: 0.044 min
Response: 23038
Conc: 21.67 ng/ml



#19 AR-1242-4

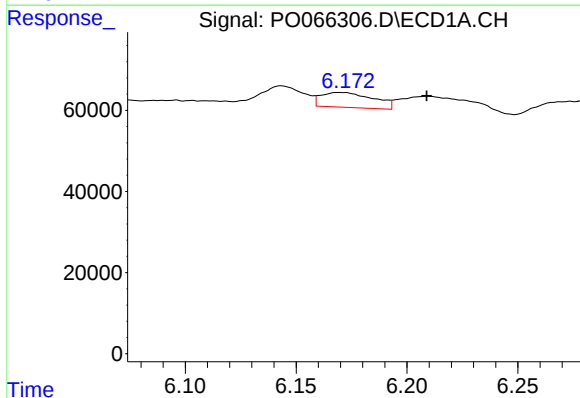
R.T.: 0.000 min
Exp R.T.: 5.482 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



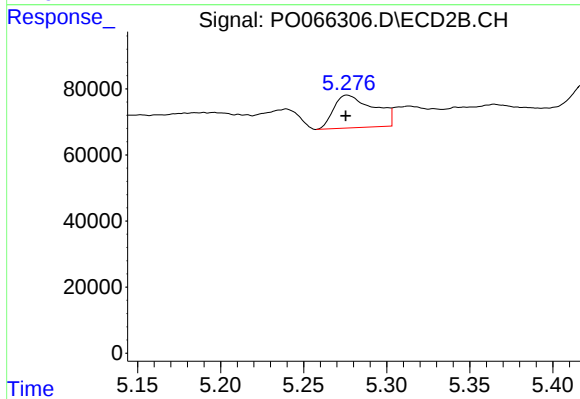
#19 AR-1242-4

R.T.: 4.762 min
Delta R.T.: 0.001 min
Response: 9093
Conc: 8.85 ng/ml



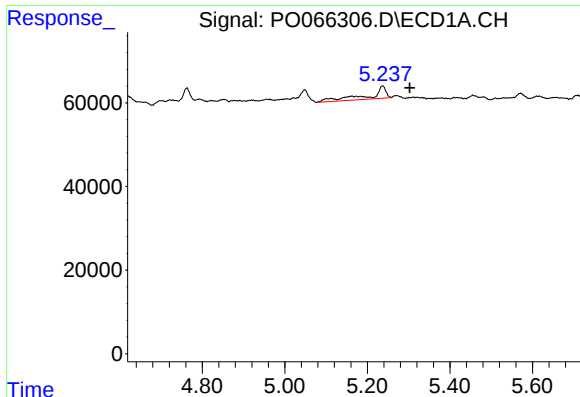
#20 AR-1242-5

R.T.: 6.170 min
Delta R.T.: -0.039 min
Response: 60334
Conc: 65.05 ng/ml



#20 AR-1242-5

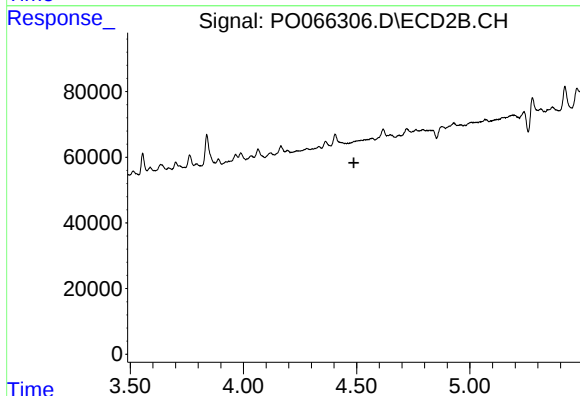
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 166930
Conc: 120.72 ng/ml



#21 AR-1248-1

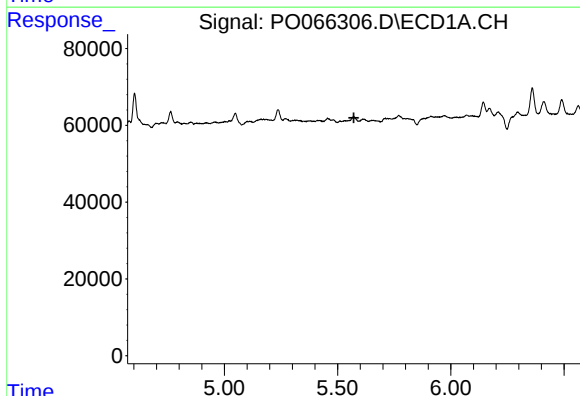
R.T.: 5.237 min
Delta R.T.: -0.066 min
Response: 86044
Conc: 112.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



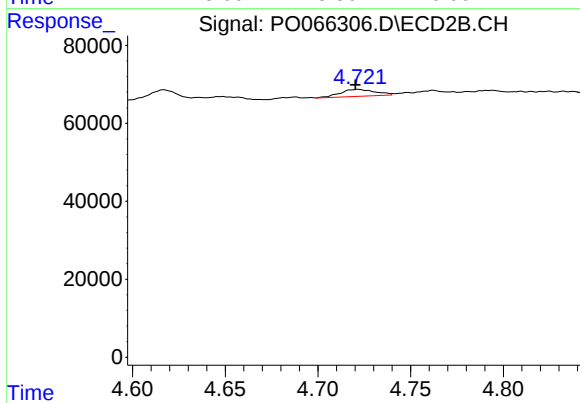
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.487 min
Response: 0
Conc: N.D.



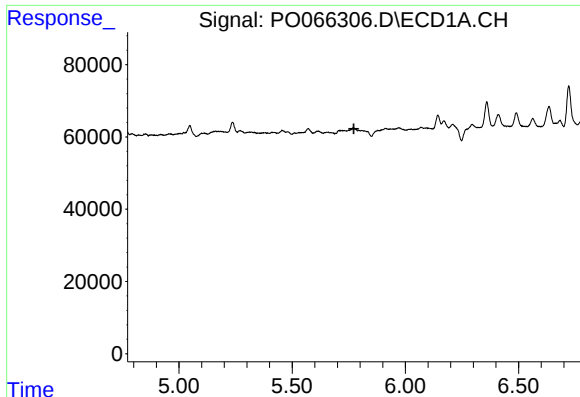
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.572 min
Response: 0
Conc: N.D.



#22 AR-1248-2

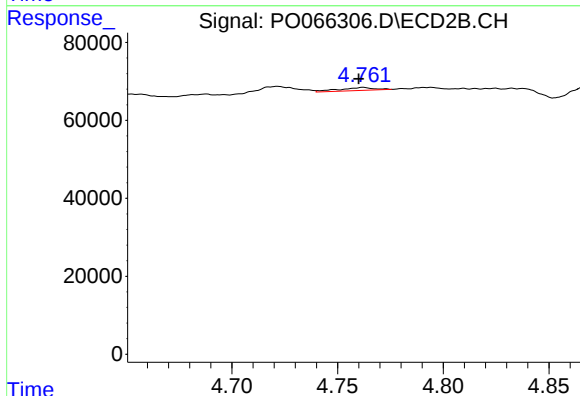
R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 23038
Conc: 15.51 ng/ml



#23 AR-1248-3

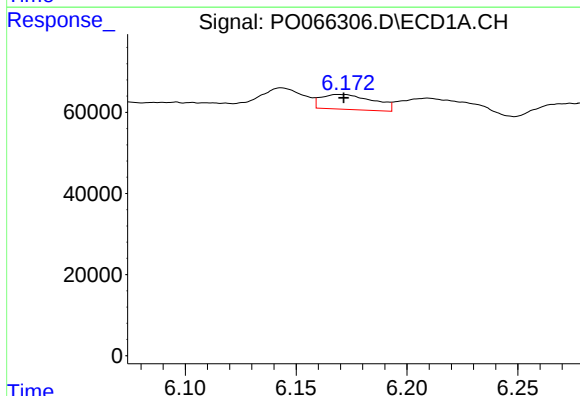
R.T.: 0.000 min
Exp R.T.: 5.772 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



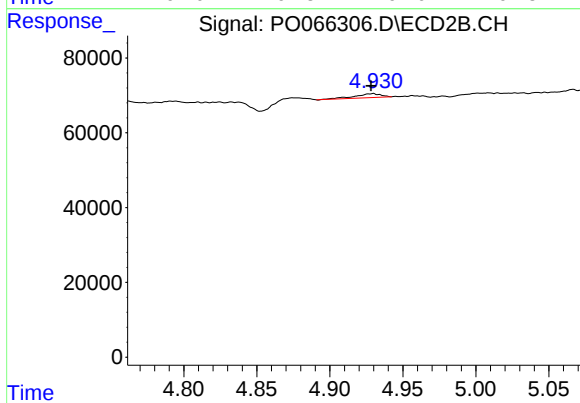
#23 AR-1248-3

R.T.: 4.762 min
Delta R.T.: 0.002 min
Response: 9093
Conc: 6.08 ng/ml



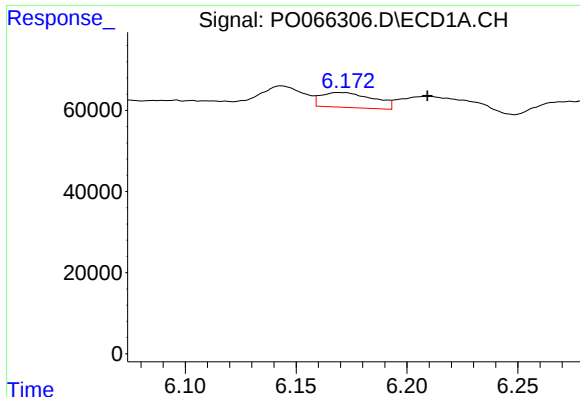
#24 AR-1248-4

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 60334
Conc: 38.23 ng/ml



#24 AR-1248-4

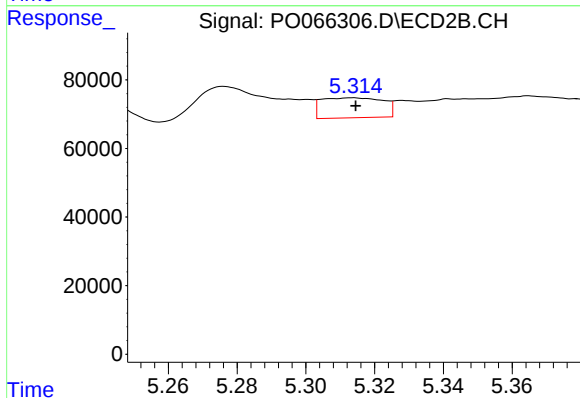
R.T.: 4.930 min
Delta R.T.: 0.002 min
Response: 13082
Conc: 7.25 ng/ml



#25 AR-1248-5

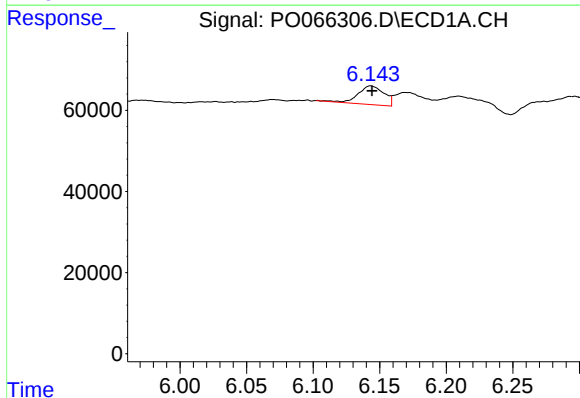
R.T.: 6.170 min
Delta R.T.: -0.039 min
Response: 60334
Conc: 40.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



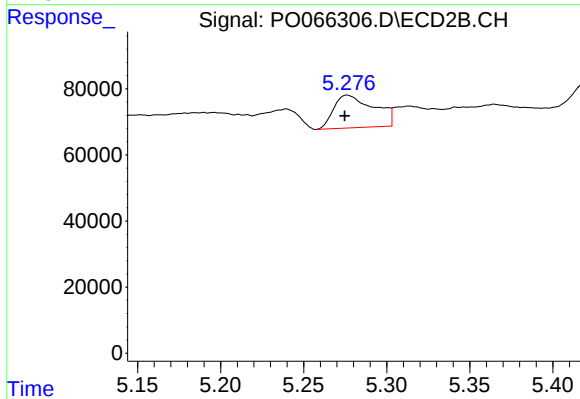
#25 AR-1248-5

R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 72633
Conc: 37.14 ng/ml



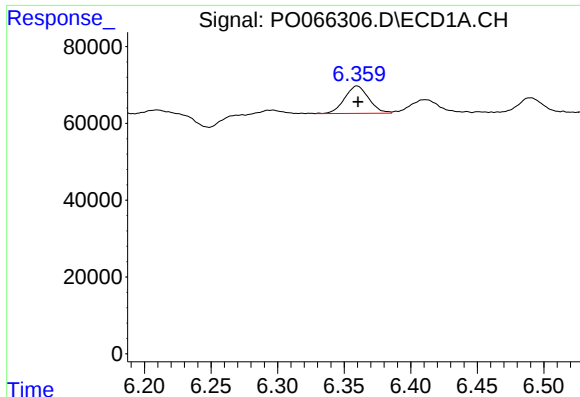
#26 AR-1254-1

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 62890
Conc: 40.48 ng/ml



#26 AR-1254-1

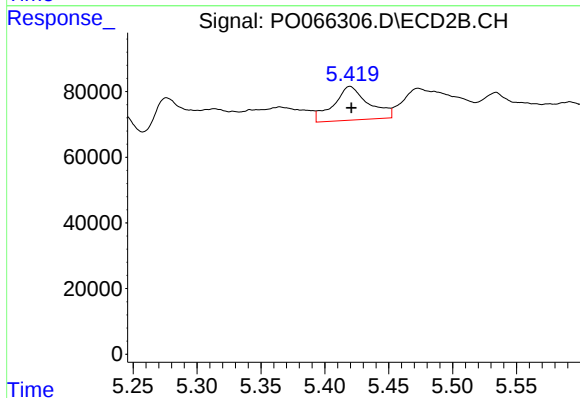
R.T.: 5.276 min
Delta R.T.: 0.001 min
Response: 166930
Conc: 52.44 ng/ml



#27 AR-1254-2

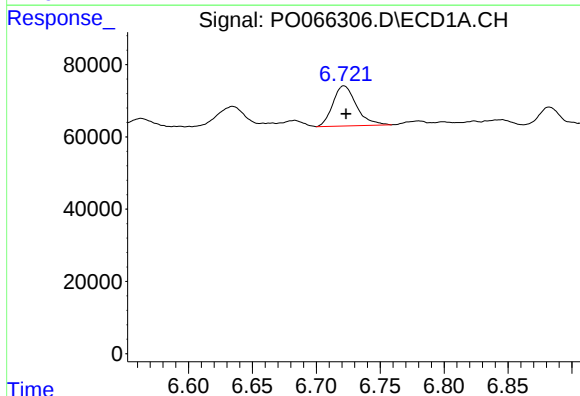
R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 90139
Conc: 36.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



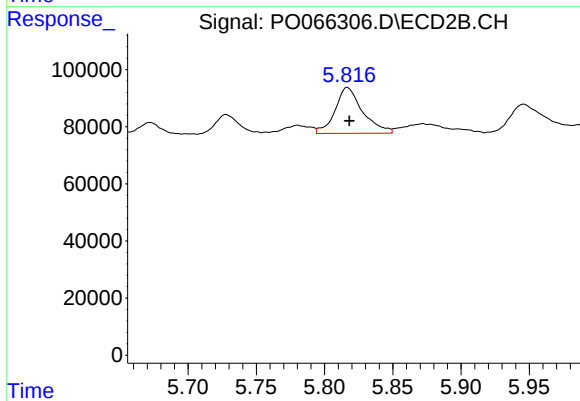
#27 AR-1254-2

R.T.: 5.420 min
Delta R.T.: -0.001 min
Response: 194646
Conc: 66.32 ng/ml



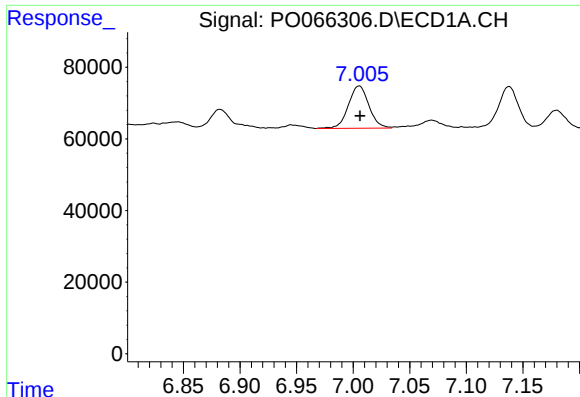
#28 AR-1254-3

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 142332
Conc: 53.27 ng/ml



#28 AR-1254-3

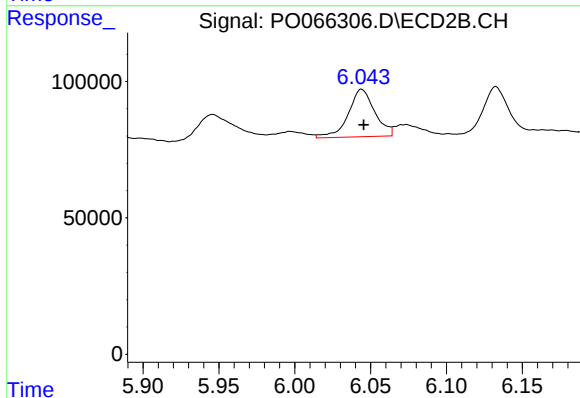
R.T.: 5.817 min
Delta R.T.: -0.002 min
Response: 225942
Conc: 49.20 ng/ml



#29 AR-1254-4

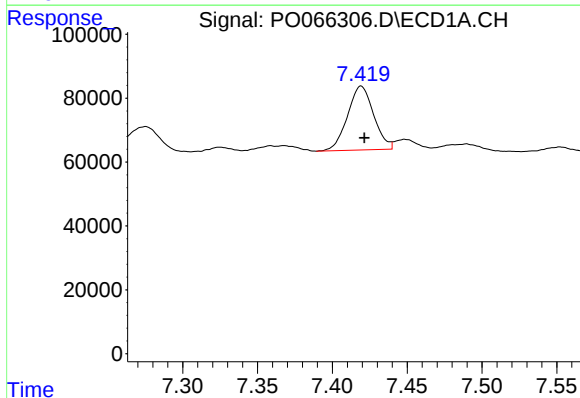
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 149374
Conc: 64.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



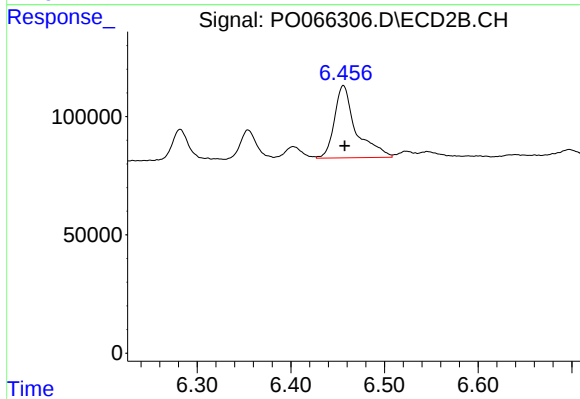
#29 AR-1254-4

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 211694
Conc: 67.19 ng/ml



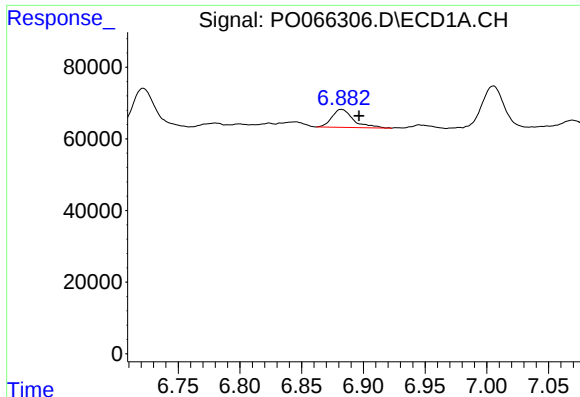
#30 AR-1254-5

R.T.: 7.419 min
Delta R.T.: -0.002 min
Response: 243021
Conc: 106.51 ng/ml



#30 AR-1254-5

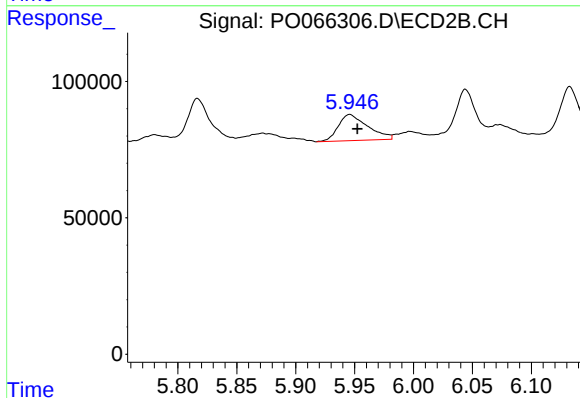
R.T.: 6.456 min
Delta R.T.: -0.001 min
Response: 487206
Conc: 115.03 ng/ml



#31 AR-1260-1

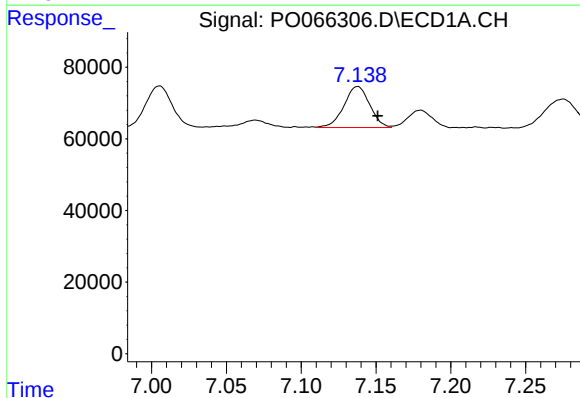
R.T.: 6.882 min
Delta R.T.: -0.014 min
Response: 61189
Conc: 30.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



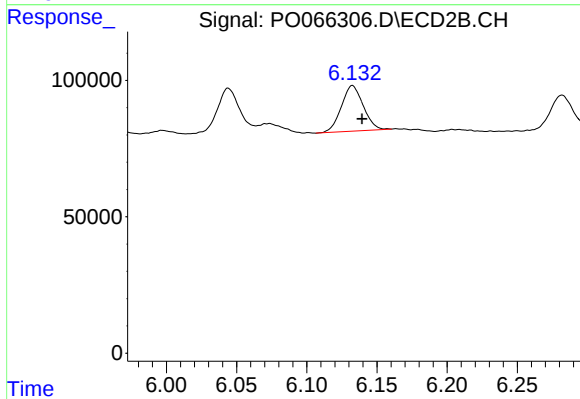
#31 AR-1260-1

R.T.: 5.946 min
Delta R.T.: -0.007 min
Response: 167315
Conc: 52.01 ng/ml



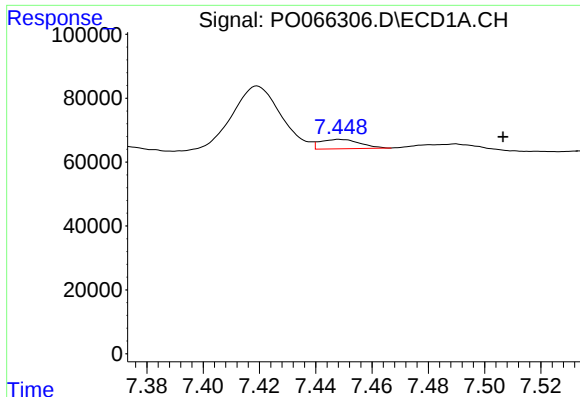
#32 AR-1260-2

R.T.: 7.138 min
Delta R.T.: -0.014 min
Response: 137174
Conc: 49.79 ng/ml



#32 AR-1260-2

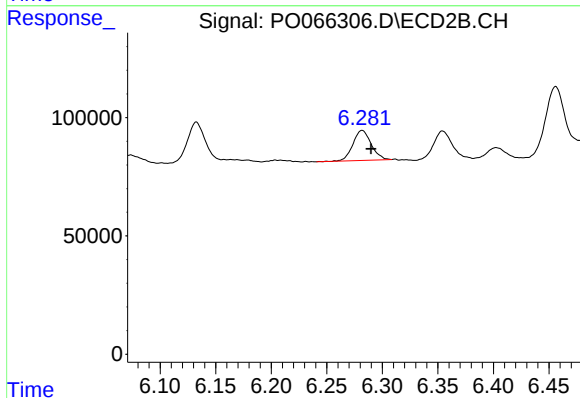
R.T.: 6.133 min
Delta R.T.: -0.007 min
Response: 181310
Conc: 40.24 ng/ml



#33 AR-1260-3

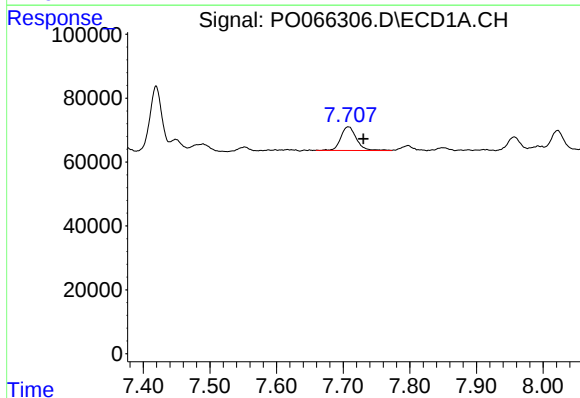
R.T.: 7.449 min
Delta R.T.: -0.058 min
Response: 28861
Conc: 12.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



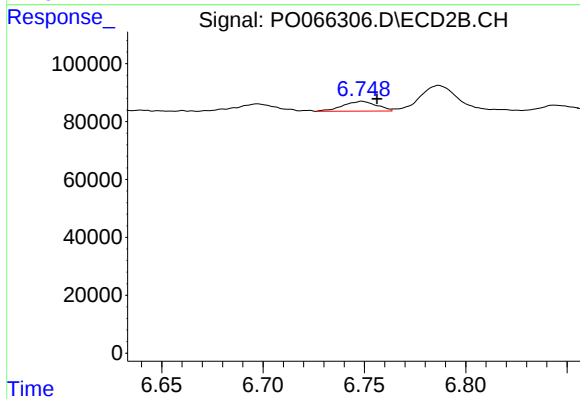
#33 AR-1260-3

R.T.: 6.282 min
Delta R.T.: -0.008 min
Response: 144947
Conc: 38.45 ng/ml



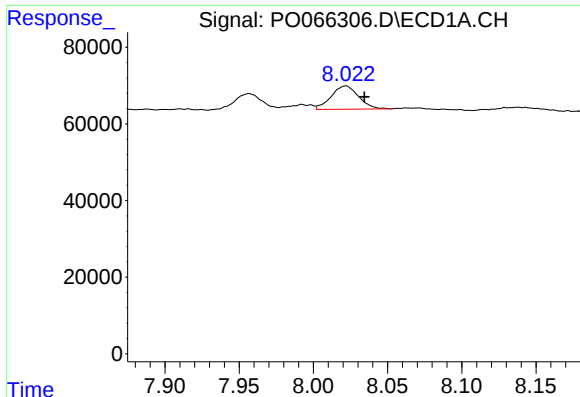
#34 AR-1260-4

R.T.: 7.708 min
Delta R.T.: -0.022 min
Response: 120823
Conc: 53.00 ng/ml



#34 AR-1260-4

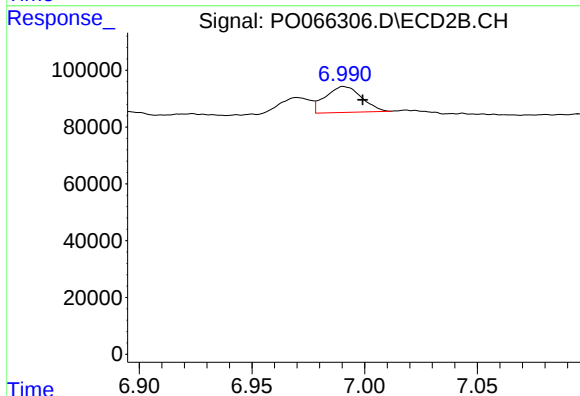
R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 39320
Conc: 12.56 ng/ml



#35 AR-1260-5

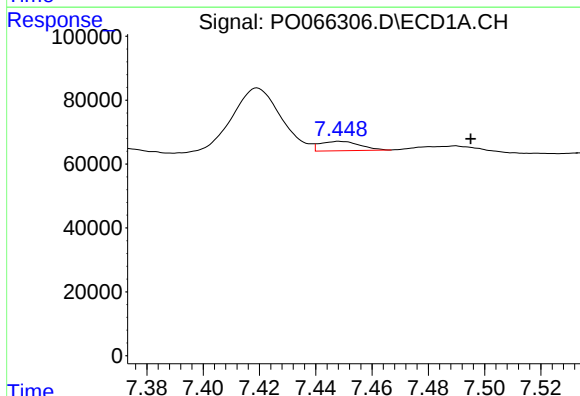
R.T.: 8.022 min
Delta R.T.: -0.013 min
Response: 78089
Conc: 15.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



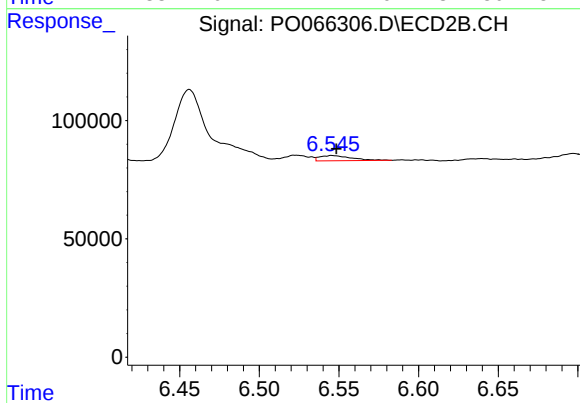
#35 AR-1260-5

R.T.: 6.991 min
Delta R.T.: -0.009 min
Response: 102413
Conc: 12.37 ng/ml



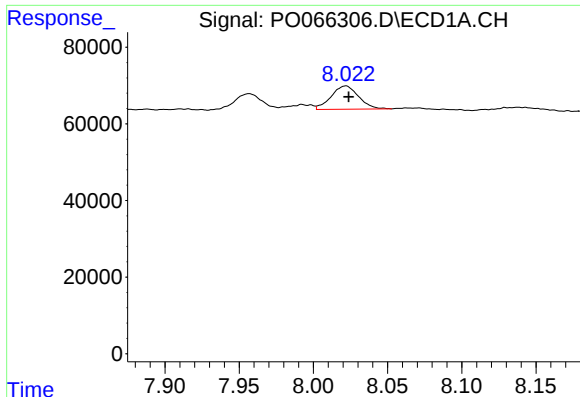
#36 AR-1262-1

R.T.: 7.449 min
Delta R.T.: -0.046 min
Response: 28861
Conc: 8.75 ng/ml



#36 AR-1262-1

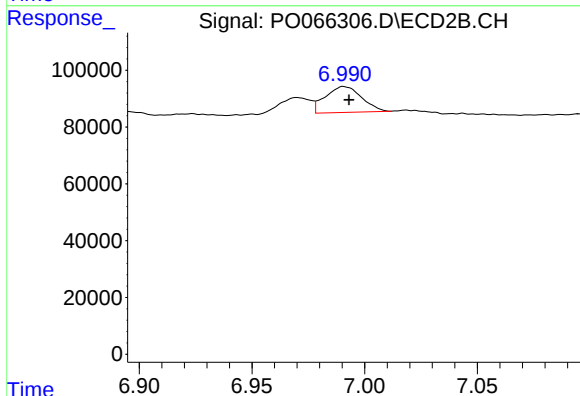
R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: 29889
Conc: 14.19 ng/ml



#37 AR-1262-2

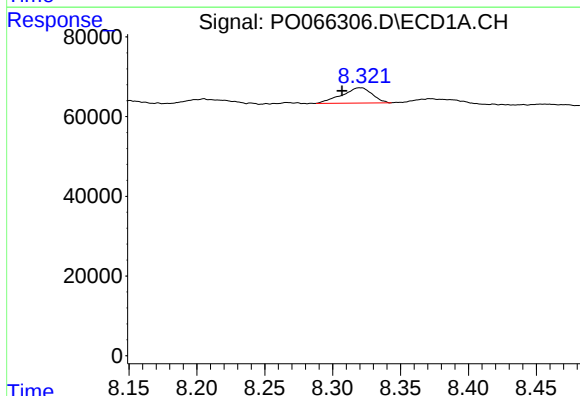
R.T.: 8.022 min
Delta R.T.: -0.002 min
Response: 78089
Conc: 14.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



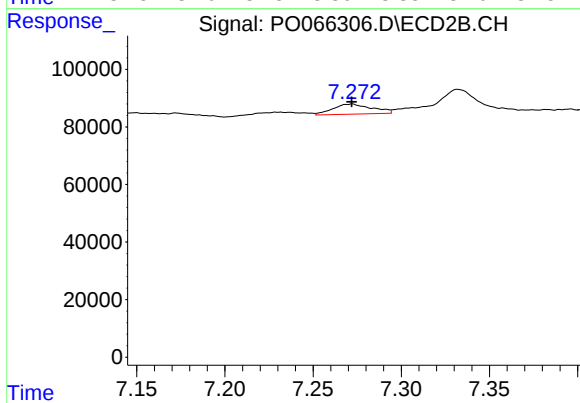
#37 AR-1262-2

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 102413
Conc: 10.82 ng/ml



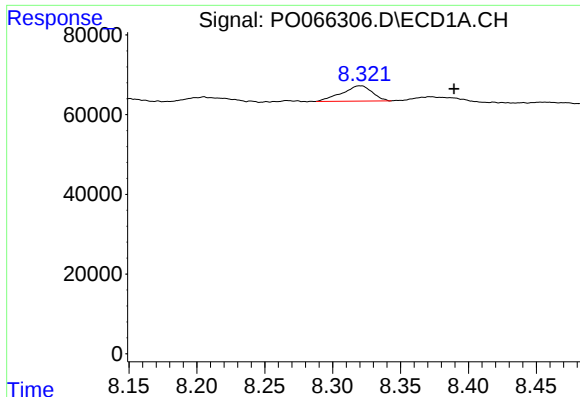
#38 AR-1262-3

R.T.: 8.320 min
Delta R.T.: 0.014 min
Response: 59764
Conc: 16.61 ng/ml



#38 AR-1262-3

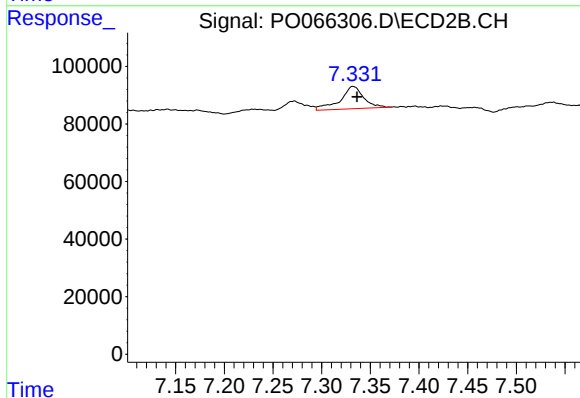
R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 53902
Conc: 14.01 ng/ml



#39 AR-1262-4

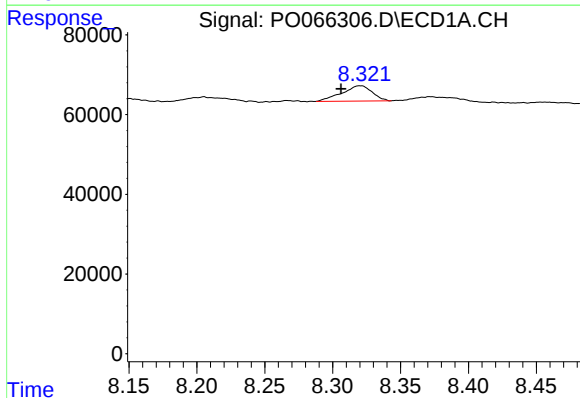
R.T.: 8.320 min
Delta R.T.: -0.069 min
Response: 59764
Conc: 21.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



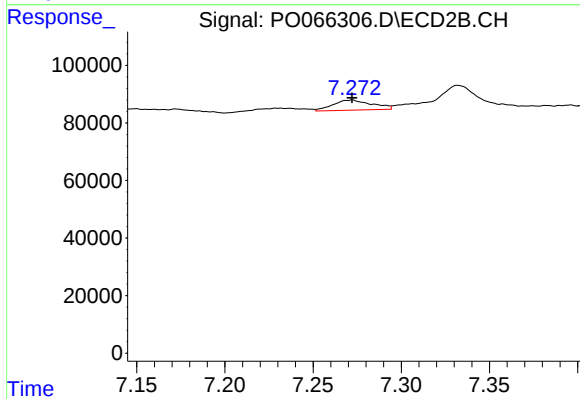
#39 AR-1262-4

R.T.: 7.332 min
Delta R.T.: -0.005 min
Response: 129397
Conc: 19.69 ng/ml



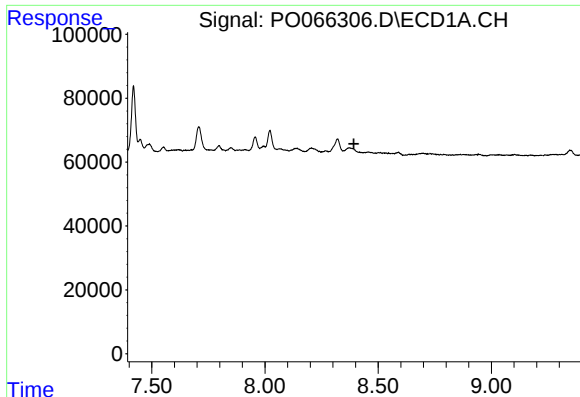
#41 AR-1268-1

R.T.: 8.320 min
Delta R.T.: 0.014 min
Response: 59764
Conc: 8.66 ng/ml



#41 AR-1268-1

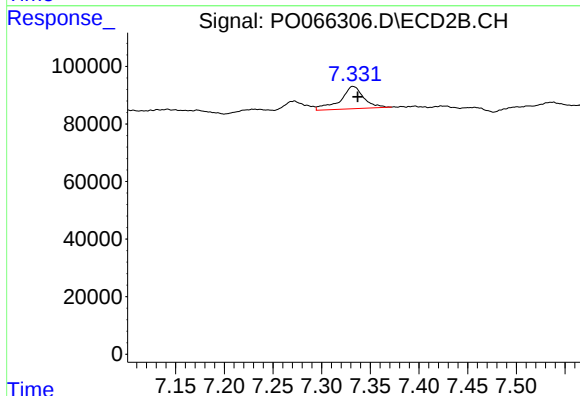
R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 53902
Conc: 4.49 ng/ml



#42 AR-1268-2

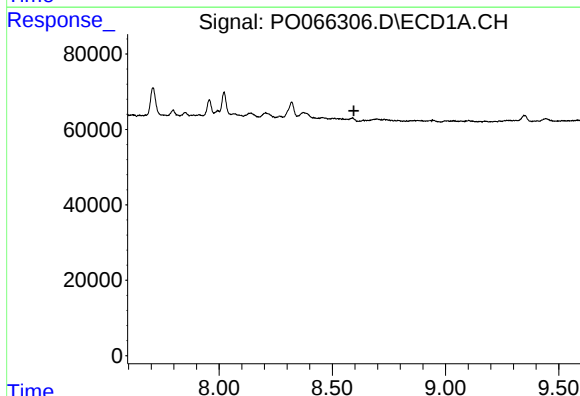
R.T.: 0.000 min
Exp R.T.: 8.393 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



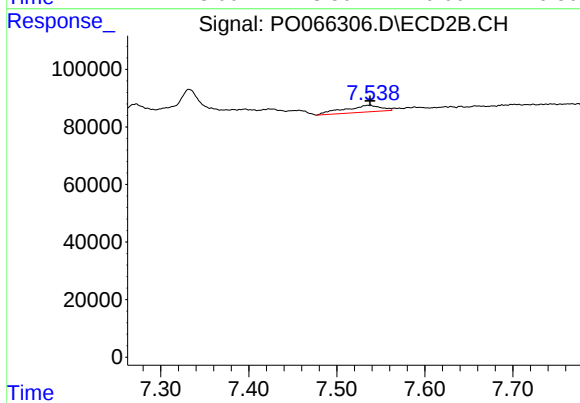
#42 AR-1268-2

R.T.: 7.332 min
Delta R.T.: -0.005 min
Response: 129397
Conc: 12.53 ng/ml



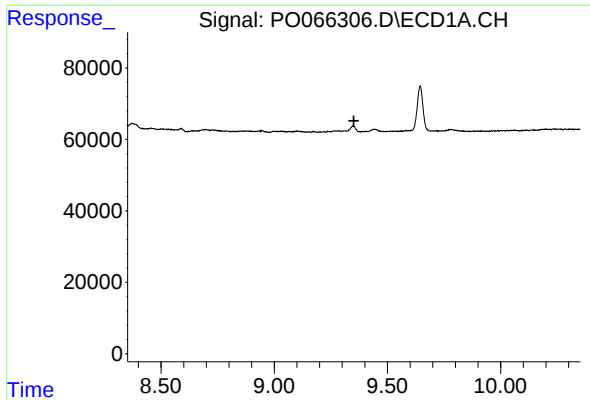
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.595 min
Response: 0
Conc: N.D.



#43 AR-1268-3

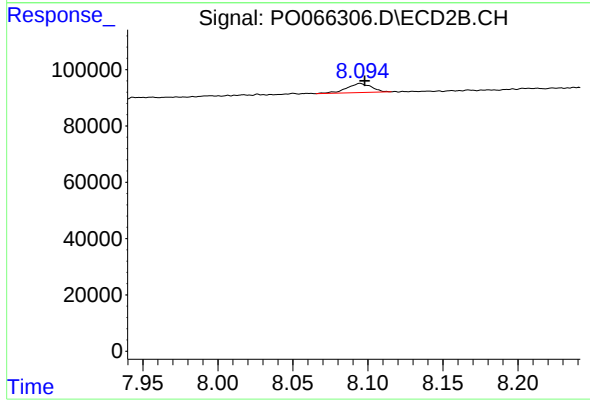
R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 68676
Conc: 7.88 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.352 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.095 min
Delta R.T.: -0.003 min
Response: 37199
Conc: 1.50 ng/ml