

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111022\
 Data File : PO090431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2022 16:54
 Operator : YP/AJ
 Sample : N5520-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 21:10:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.306	3.482	52919489	17765952	16.466	16.716
2)	SA Decachlor...	10.055	8.487	23299581	9761988	9.508	9.478
Target Compounds							
3)	L1 AR-1016-1	5.419f	0.000	916287	0	8.614	N.D. #
5)	L1 AR-1016-3	0.000	4.805f	0	237846	N.D.	8.192 #
6)	L1 AR-1016-4	0.000	4.805	0	237846	N.D.	9.582 #
7)	L1 AR-1016-5	5.962	0.000	297361	0	3.853	N.D. #
8)	L2 AR-1221-1	4.513	3.764f	2767648	278974	72.507	20.881 #
9)	L2 AR-1221-2	4.611	3.781	753479	195177	26.504	19.231 #
10)	L2 AR-1221-3	0.000	3.900f	0	2118485	N.D.	68.101 #
11)	L3 AR-1232-1	4.611f	3.900f	753479	2118485	11.506	89.047 #
12)	L3 AR-1232-2	5.227	0.000	970384	0	25.243	N.D. #
13)	L3 AR-1232-3	0.000	4.805f	0	237846	N.D.	18.730 #
14)	L3 AR-1232-4	0.000	4.805f	0	237846	N.D.	19.508 #
15)	L3 AR-1232-5	5.757	0.000	640664	0	24.182	N.D. #
16)	L4 AR-1242-1	5.419f	0.000	916287	0	11.074	N.D. #
18)	L4 AR-1242-3	0.000	4.805f	0	237846	N.D.	10.756 #
19)	L4 AR-1242-4	0.000	4.805f	0	237846	N.D.	10.030 #
20)	L4 AR-1242-5	6.411	5.373	662340	1072675	10.775	37.500 #
21)	L5 AR-1248-1	5.419f	0.000	916287	0	14.487	N.D. #
22)	L5 AR-1248-2	5.757	4.805	640664	237846	6.765	7.316
23)	L5 AR-1248-3	5.962	4.805f	297361	237846	3.016	7.056 #
24)	L5 AR-1248-4	6.365	0.000	631981	0	5.927	N.D. #
25)	L5 AR-1248-5	6.411	5.446	662340	147243	6.305	4.067 #
26)	L6 AR-1254-1	6.342	5.373	2304362	1072675	19.883	18.210
27)	L6 AR-1254-2	6.561	5.521	4622964	1671079	26.579	31.188
28)	L6 AR-1254-3	6.929	5.926	6439944	3336457	37.095	40.255
29)	L6 AR-1254-4	7.217	6.156	4049368	1644750	31.768	33.117
30)	L6 AR-1254-5	7.638	6.575	7778756	3649866	55.224	48.746
31)	L7 AR-1260-1	7.095	6.056	2699705	1608196	19.258	26.714 #
32)	L7 AR-1260-2	7.347	6.247	7092451	1410456	43.840	19.524 #
33)	L7 AR-1260-3	7.715	6.398	676523	1101800	6.440	16.535 #
34)	L7 AR-1260-4	7.930	6.873	3039293	313006	24.601	6.153 #
35)	L7 AR-1260-5	8.258	7.118	1744851	641958	7.668	5.527 #
36)	L8 AR-1262-1	7.715	6.645	676523	96899	4.081	1.279 #
37)	L8 AR-1262-2	8.258	7.118	1744851	641958	6.210	5.006
38)	L8 AR-1262-3	8.579	7.403	1347057	237521	6.860	4.362 #
39)	L8 AR-1262-4	8.659	7.464	345516	640154	3.551	6.591 #
40)	L8 AR-1262-5	9.302	7.964	509098	194515	4.831	4.098
41)	L9 AR-1268-1	8.579	7.403	1347057	237521	3.864	1.508 #
42)	L9 AR-1268-2	8.659	7.464	345516	640154	1.108	4.563 #
43)	L9 AR-1268-3	8.886	0.000	158513	0	0.590	N.D. #

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Integration File signal 1: autoint1.e
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Quant Time: Nov 10 21:10:07 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 28 05:05:44 2022
Response via : Initial Calibration
Integrator: ChemStation

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
44)	L9 AR-1268-4	9.302	7.964	509098	194515	4.369	3.582
45)	L9 AR-1268-5	9.728	8.238	592162	17482	0.691	0.050 #

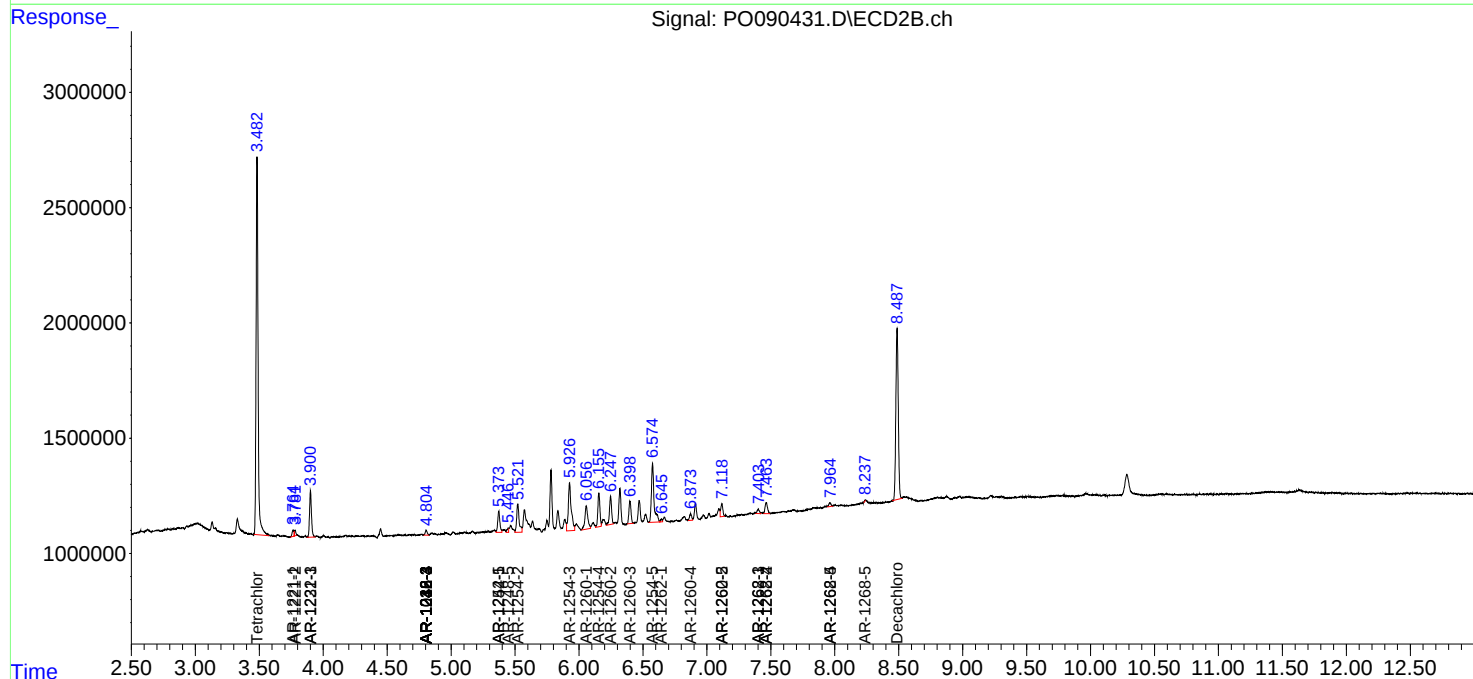
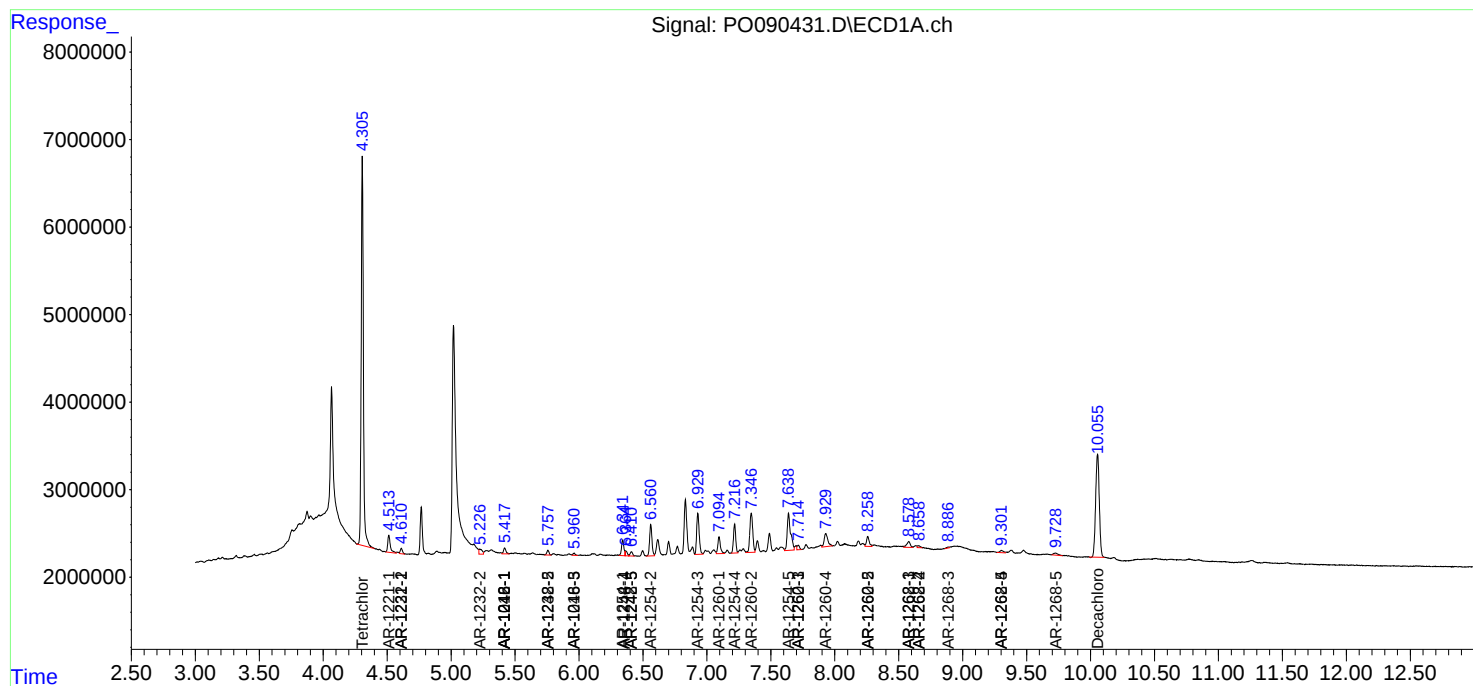
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

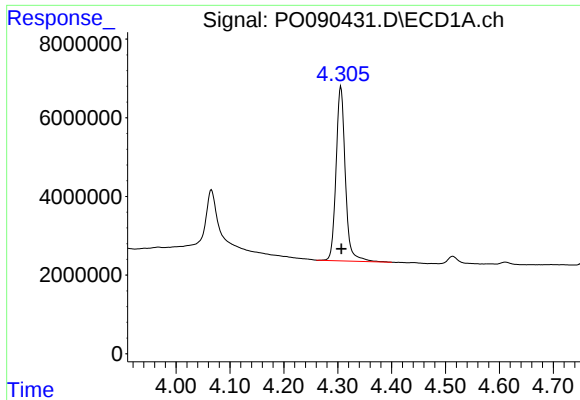
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111022\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

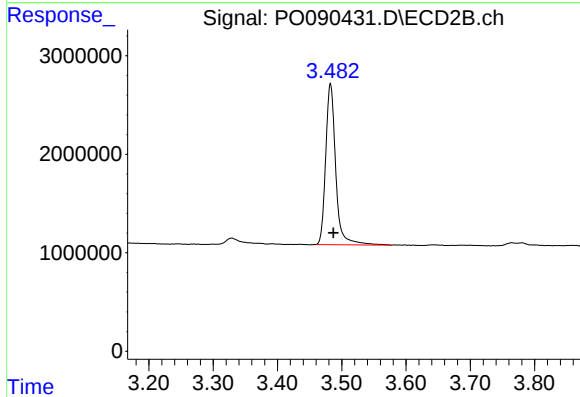




#1 Tetrachloro-m-xylene

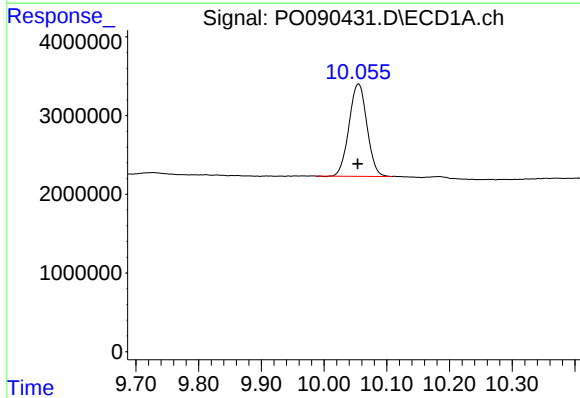
R.T.: 4.306 min
Delta R.T.: -0.001 min
Response: 52919489
Conc: 16.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



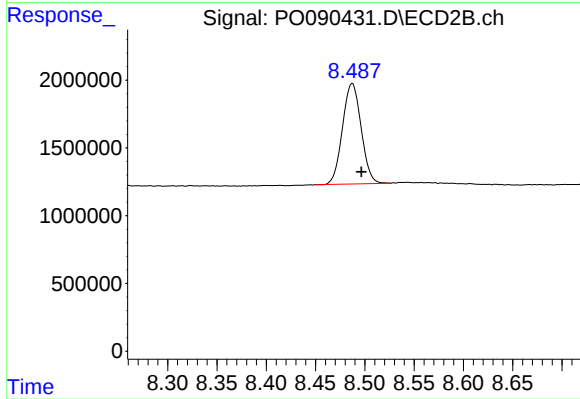
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: -0.004 min
Response: 17765952
Conc: 16.72 ng/ml



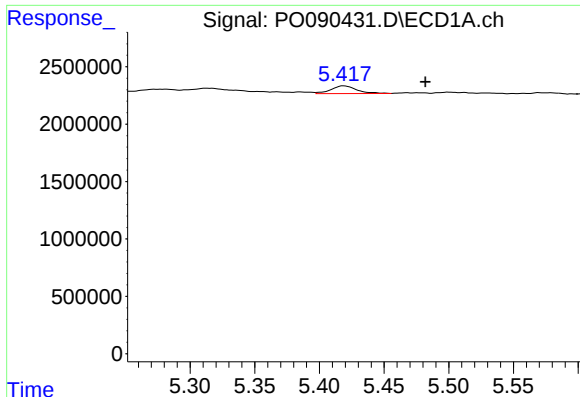
#2 Decachlorobiphenyl

R.T.: 10.055 min
Delta R.T.: 0.001 min
Response: 23299581
Conc: 9.51 ng/ml



#2 Decachlorobiphenyl

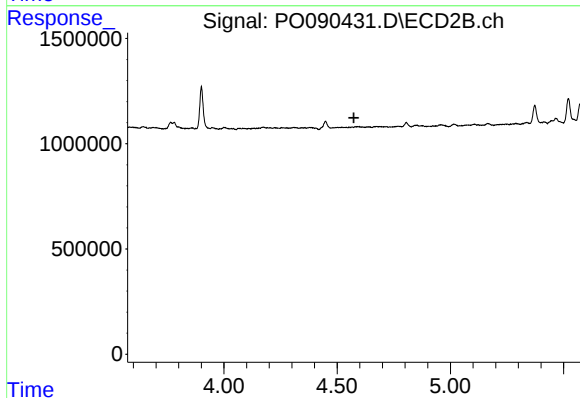
R.T.: 8.487 min
Delta R.T.: -0.009 min
Response: 9761988
Conc: 9.48 ng/ml



#3 AR-1016-1

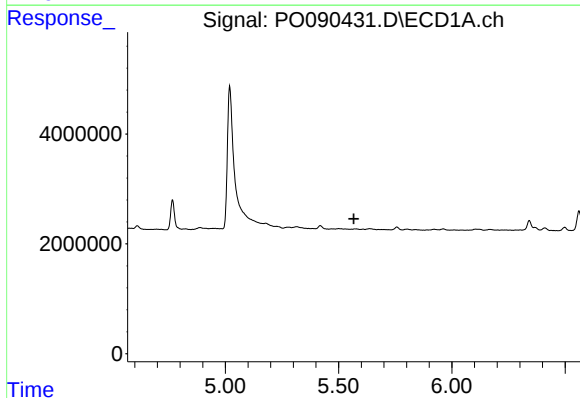
R.T.: 5.419 min
Delta R.T.: -0.064 min
Response: 916287
Conc: 8.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



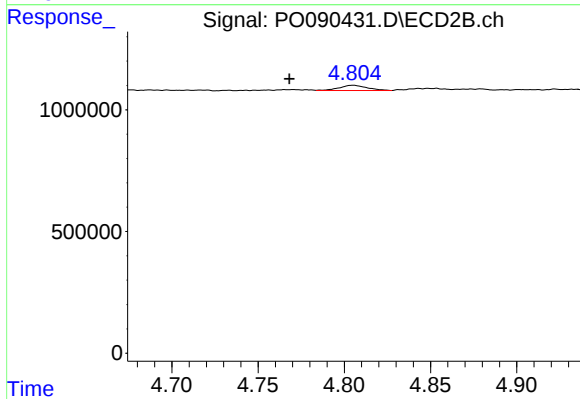
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.574 min
Response: 0
Conc: N.D.



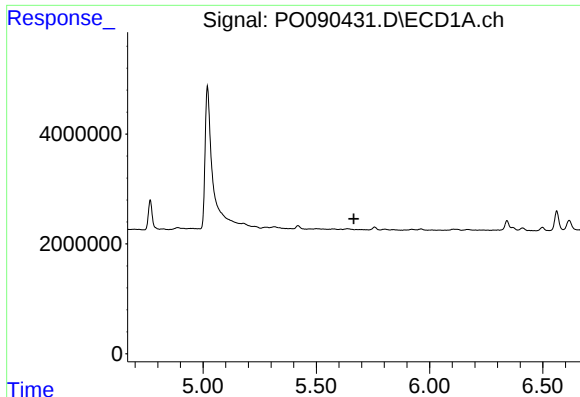
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.567 min
Response: 0
Conc: N.D.



#5 AR-1016-3

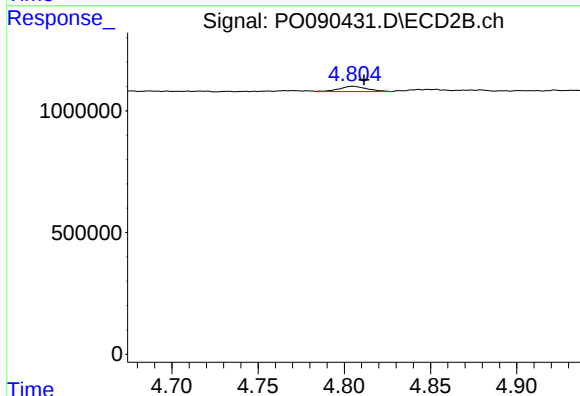
R.T.: 4.805 min
Delta R.T.: 0.037 min
Response: 237846
Conc: 8.19 ng/ml



#6 AR-1016-4

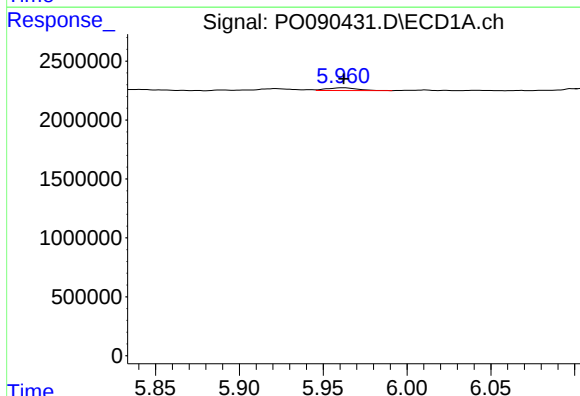
R.T.: 0.000 min
Exp R.T.: 5.665 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



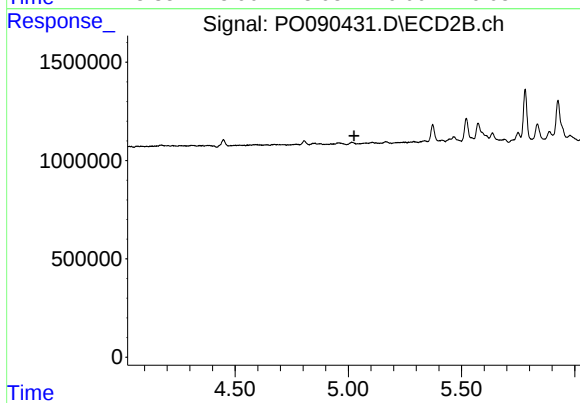
#6 AR-1016-4

R.T.: 4.805 min
Delta R.T.: -0.006 min
Response: 237846
Conc: 9.58 ng/ml



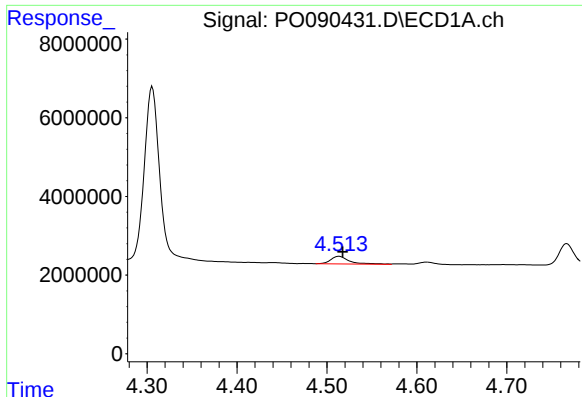
#7 AR-1016-5

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 297361
Conc: 3.85 ng/ml



#7 AR-1016-5

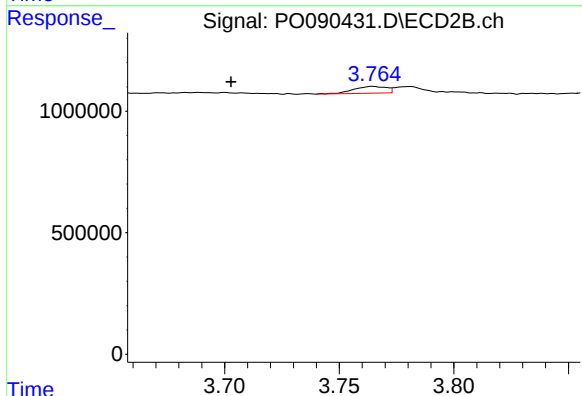
R.T.: 0.000 min
Exp R.T.: 5.025 min
Response: 0
Conc: N.D.



#8 AR-1221-1

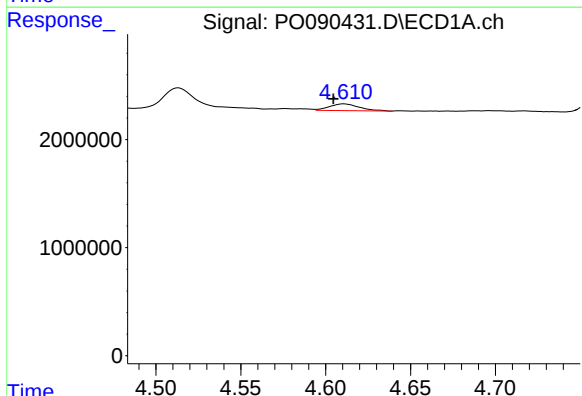
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 2767648
Conc: 72.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



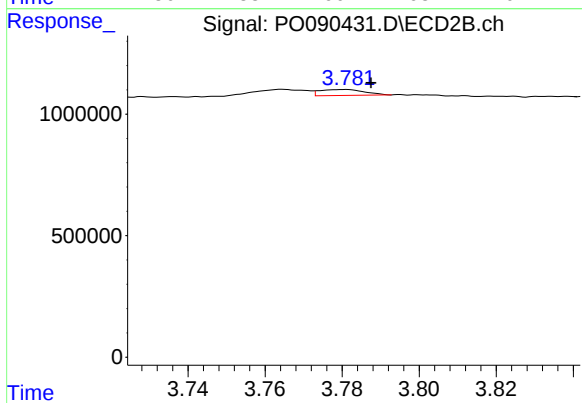
#8 AR-1221-1

R.T.: 3.764 min
Delta R.T.: 0.062 min
Response: 278974
Conc: 20.88 ng/ml



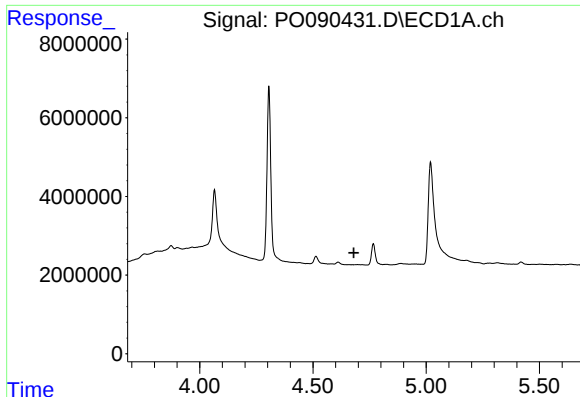
#9 AR-1221-2

R.T.: 4.611 min
Delta R.T.: 0.007 min
Response: 753479
Conc: 26.50 ng/ml



#9 AR-1221-2

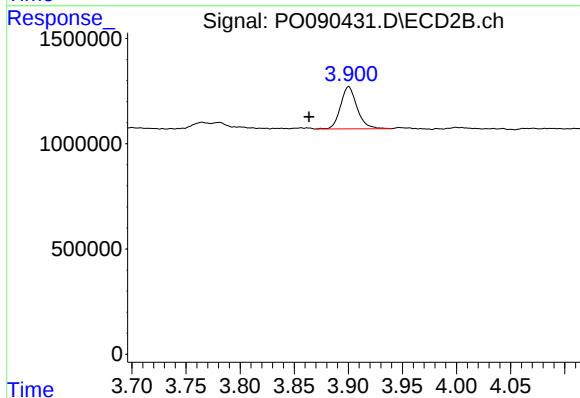
R.T.: 3.781 min
Delta R.T.: -0.006 min
Response: 195177
Conc: 19.23 ng/ml



#10 AR-1221-3

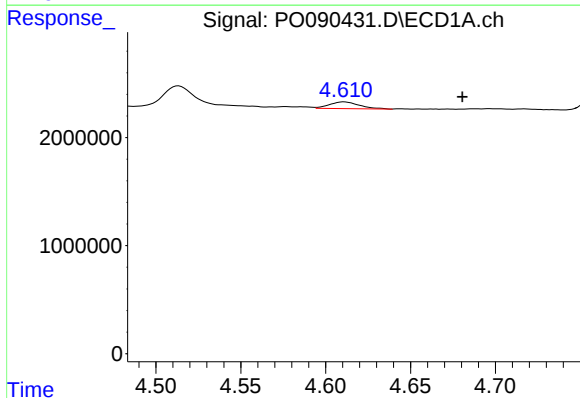
R.T.: 0.000 min
Exp R.T.: 4.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



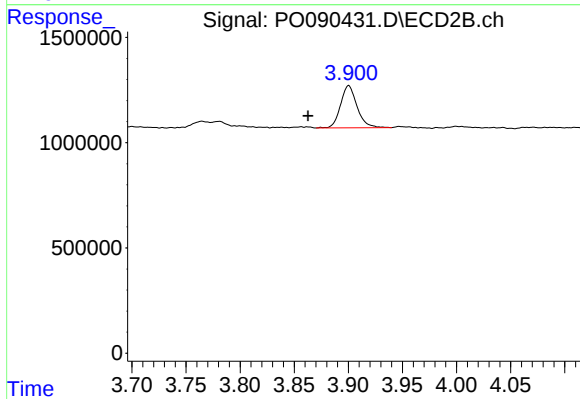
#10 AR-1221-3

R.T.: 3.900 min
Delta R.T.: 0.037 min
Response: 2118485
Conc: 68.10 ng/ml



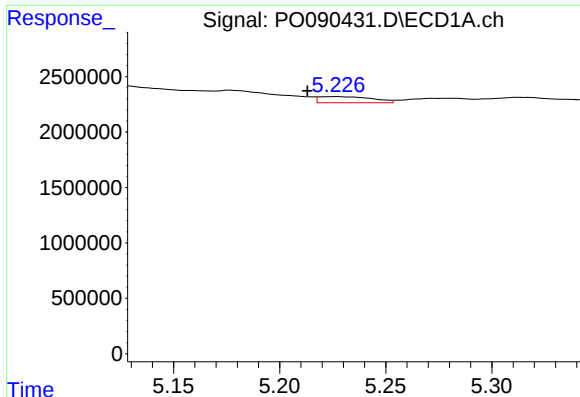
#11 AR-1232-1

R.T.: 4.611 min
Delta R.T.: -0.070 min
Response: 753479
Conc: 11.51 ng/ml



#11 AR-1232-1

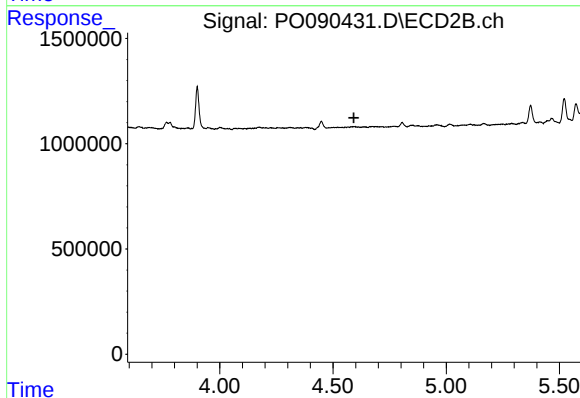
R.T.: 3.900 min
Delta R.T.: 0.038 min
Response: 2118485
Conc: 89.05 ng/ml



#12 AR-1232-2

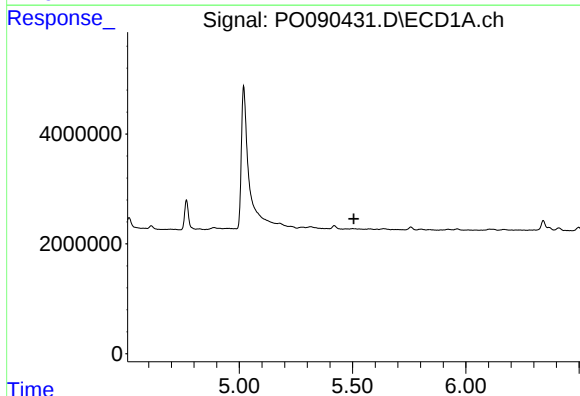
R.T.: 5.227 min
Delta R.T.: 0.014 min
Response: 970384
Conc: 25.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



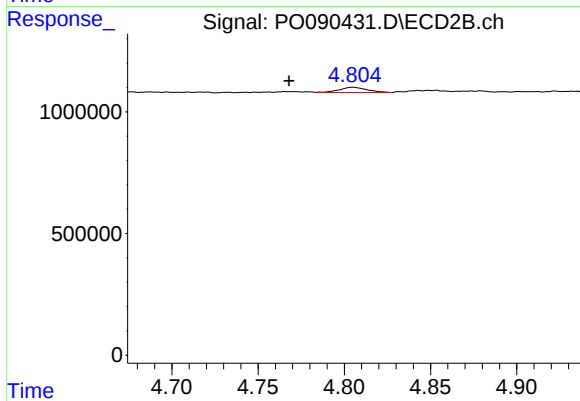
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.592 min
Response: 0
Conc: N.D.



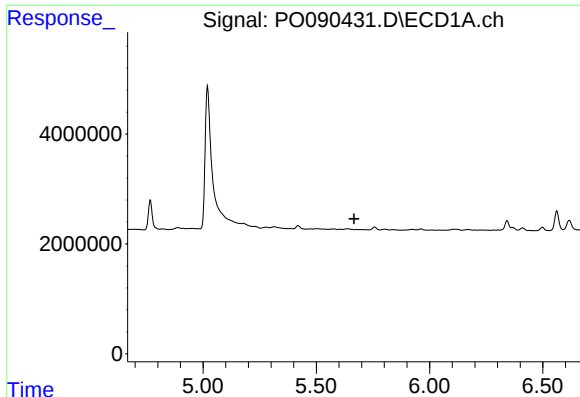
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.505 min
Response: 0
Conc: N.D.



#13 AR-1232-3

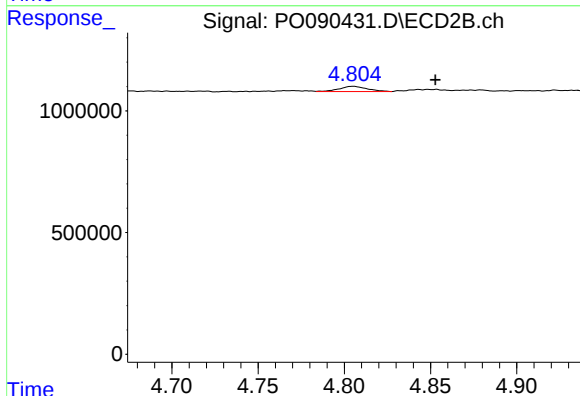
R.T.: 4.805 min
Delta R.T.: 0.037 min
Response: 237846
Conc: 18.73 ng/ml



#14 AR-1232-4

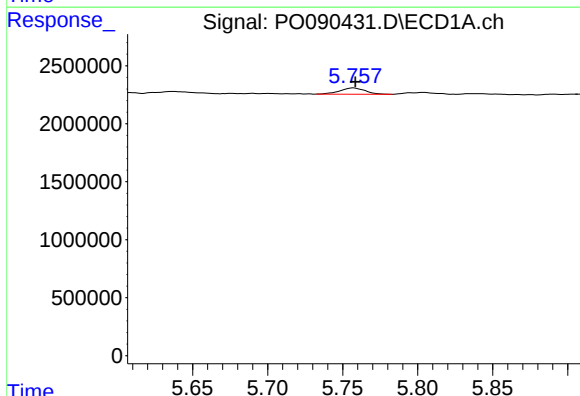
R.T.: 0.000 min
Exp R.T.: 5.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



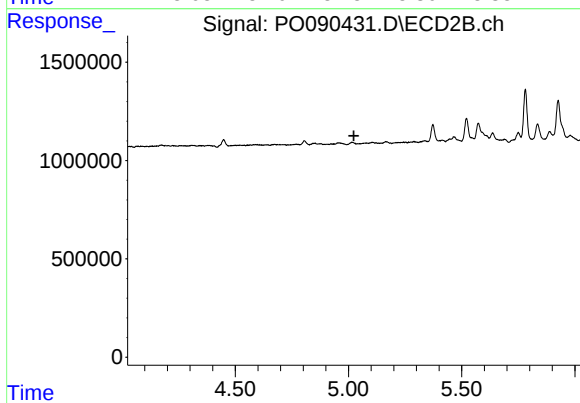
#14 AR-1232-4

R.T.: 4.805 min
Delta R.T.: -0.048 min
Response: 237846
Conc: 19.51 ng/ml



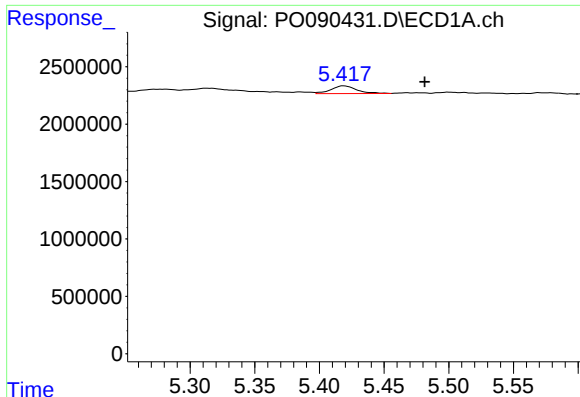
#15 AR-1232-5

R.T.: 5.757 min
Delta R.T.: -0.001 min
Response: 640664
Conc: 24.18 ng/ml



#15 AR-1232-5

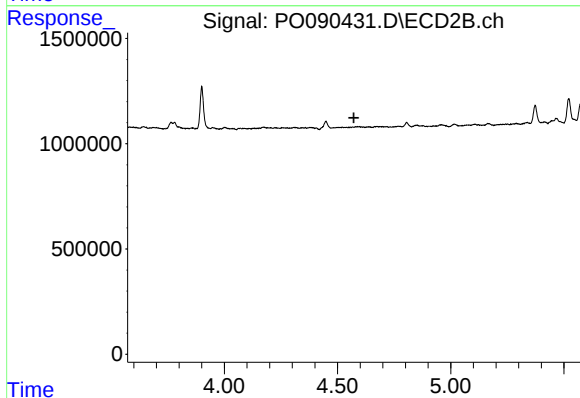
R.T.: 0.000 min
Exp R.T.: 5.024 min
Response: 0
Conc: N.D.



#16 AR-1242-1

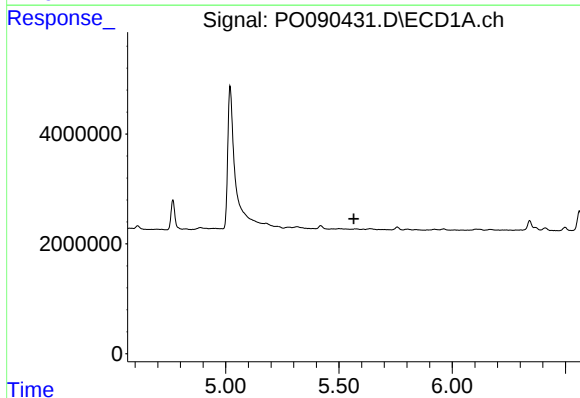
R.T.: 5.419 min
Delta R.T.: -0.063 min
Response: 916287
Conc: 11.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



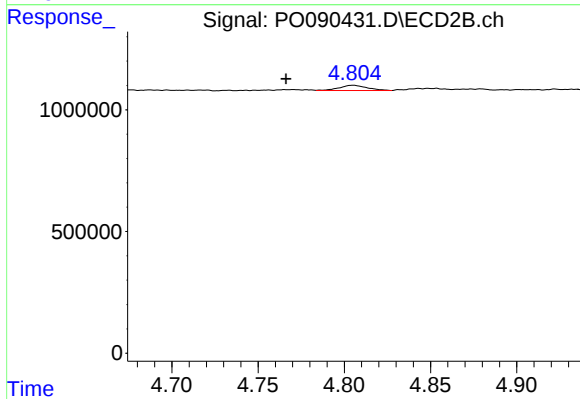
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.572 min
Response: 0
Conc: N.D.



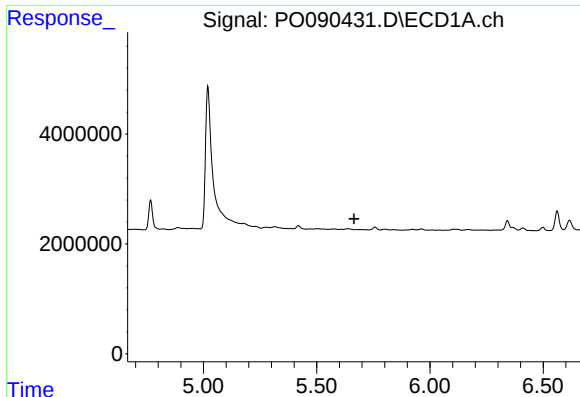
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.566 min
Response: 0
Conc: N.D.



#18 AR-1242-3

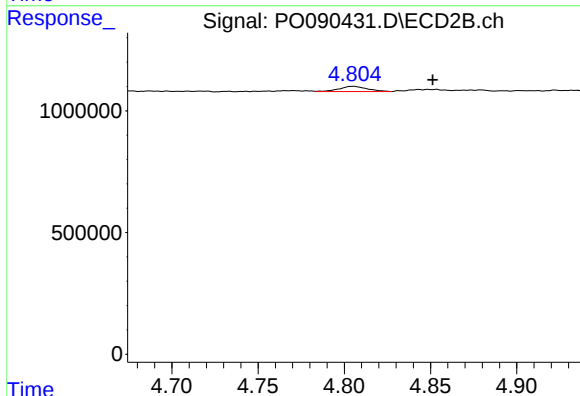
R.T.: 4.805 min
Delta R.T.: 0.039 min
Response: 237846
Conc: 10.76 ng/ml



#19 AR-1242-4

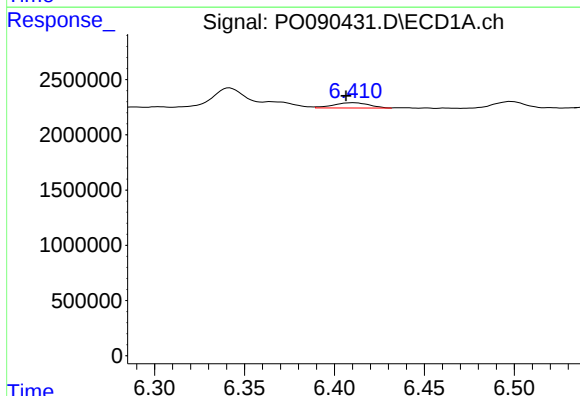
R.T.: 0.000 min
Exp R.T.: 5.665 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



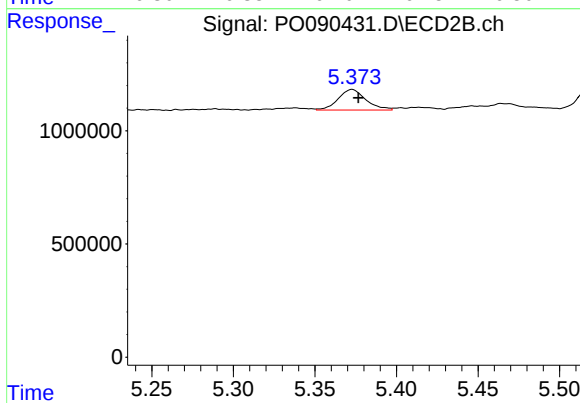
#19 AR-1242-4

R.T.: 4.805 min
Delta R.T.: -0.046 min
Response: 237846
Conc: 10.03 ng/ml



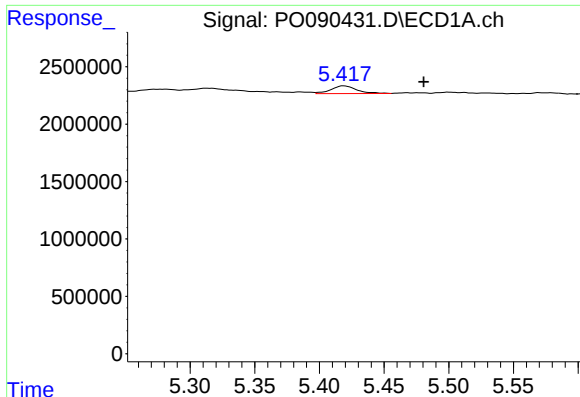
#20 AR-1242-5

R.T.: 6.411 min
Delta R.T.: 0.004 min
Response: 662340
Conc: 10.78 ng/ml



#20 AR-1242-5

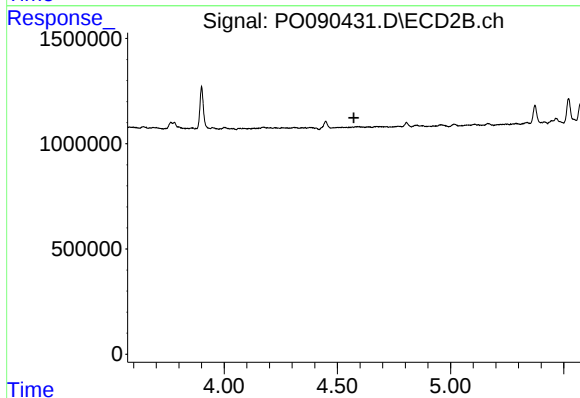
R.T.: 5.373 min
Delta R.T.: -0.004 min
Response: 1072675
Conc: 37.50 ng/ml



#21 AR-1248-1

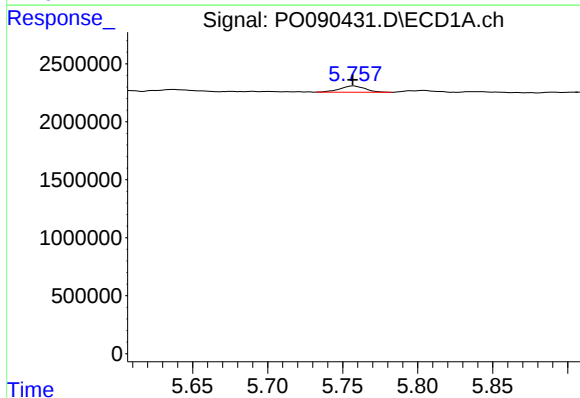
R.T.: 5.419 min
Delta R.T.: -0.062 min
Response: 916287
Conc: 14.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



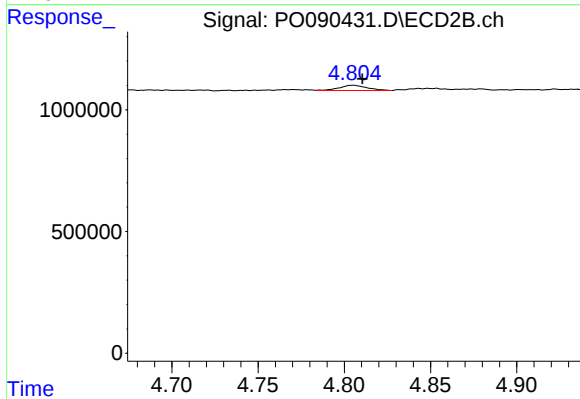
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.573 min
Response: 0
Conc: N.D.



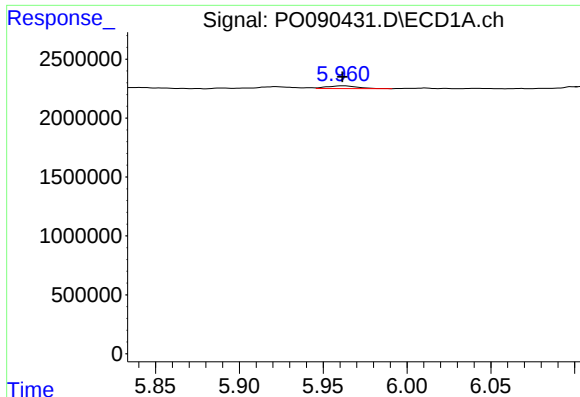
#22 AR-1248-2

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 640664
Conc: 6.77 ng/ml



#22 AR-1248-2

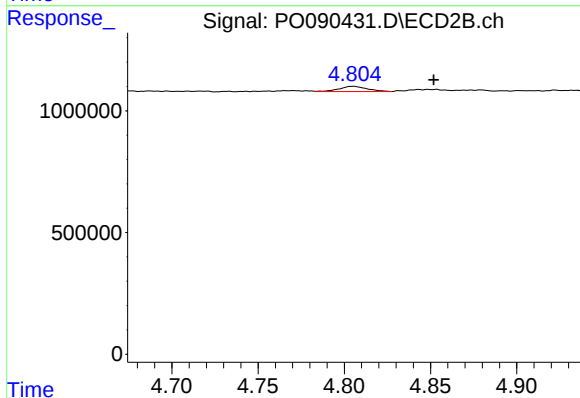
R.T.: 4.805 min
Delta R.T.: -0.005 min
Response: 237846
Conc: 7.32 ng/ml



#23 AR-1248-3

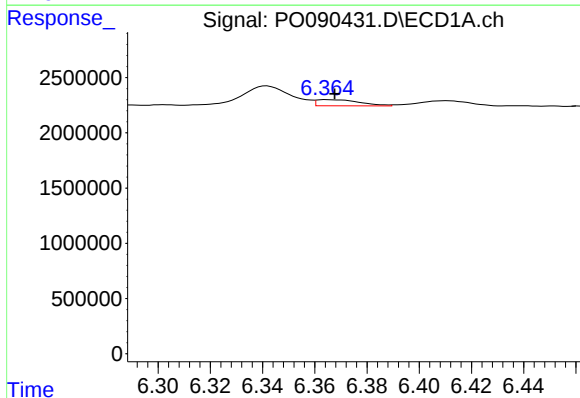
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 297361
Conc: 3.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



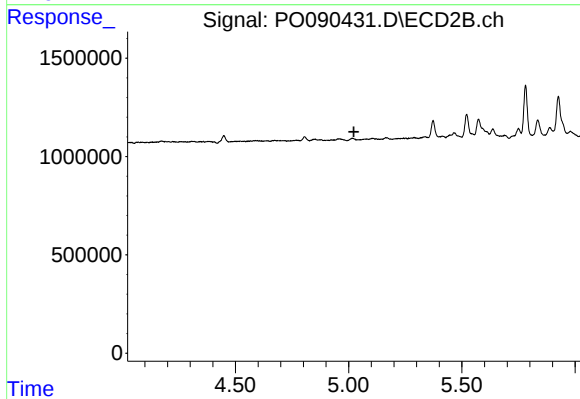
#23 AR-1248-3

R.T.: 4.805 min
Delta R.T.: -0.047 min
Response: 237846
Conc: 7.06 ng/ml



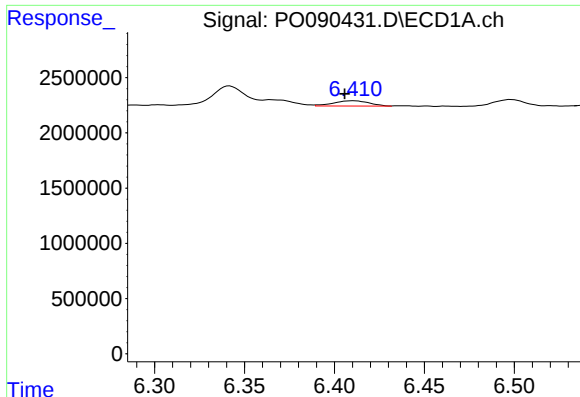
#24 AR-1248-4

R.T.: 6.365 min
Delta R.T.: -0.003 min
Response: 631981
Conc: 5.93 ng/ml



#24 AR-1248-4

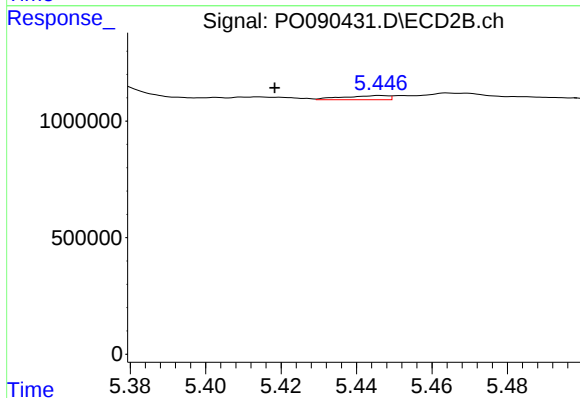
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

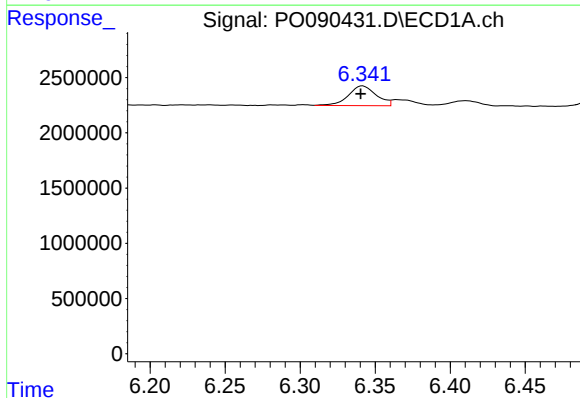
R.T.: 6.411 min
Delta R.T.: 0.005 min
Response: 662340
Conc: 6.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



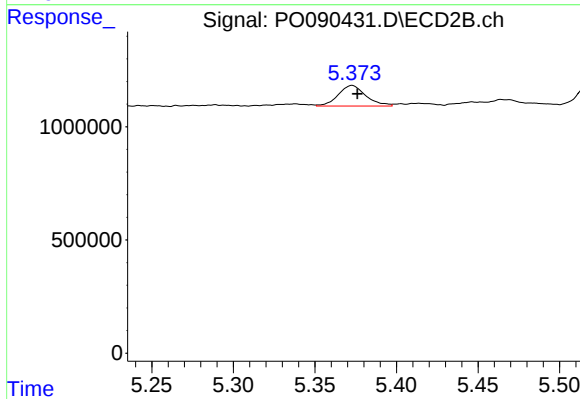
#25 AR-1248-5

R.T.: 5.446 min
Delta R.T.: 0.028 min
Response: 147243
Conc: 4.07 ng/ml



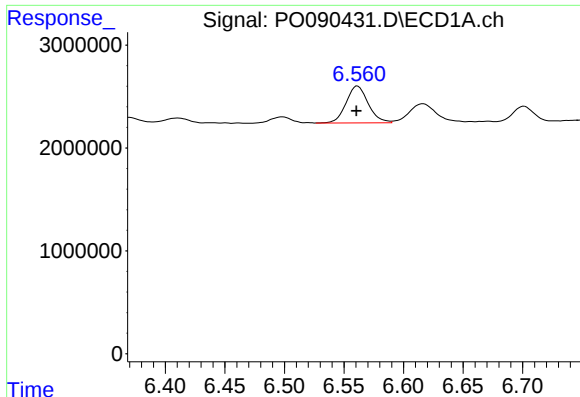
#26 AR-1254-1

R.T.: 6.342 min
Delta R.T.: 0.001 min
Response: 2304362
Conc: 19.88 ng/ml



#26 AR-1254-1

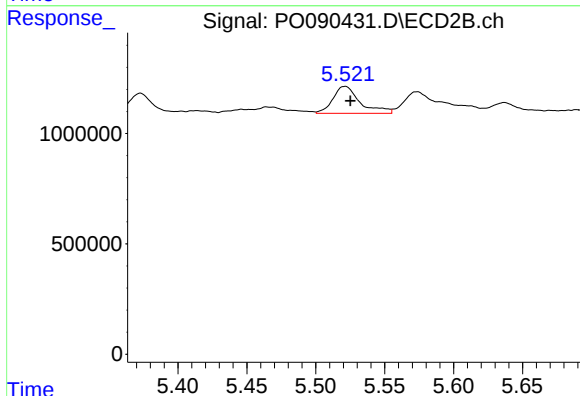
R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 1072675
Conc: 18.21 ng/ml



#27 AR-1254-2

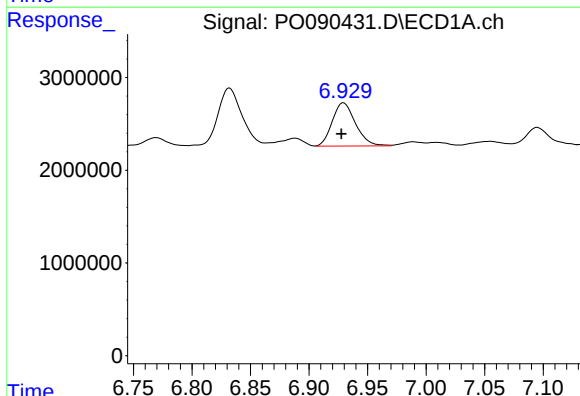
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 4622964
Conc: 26.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



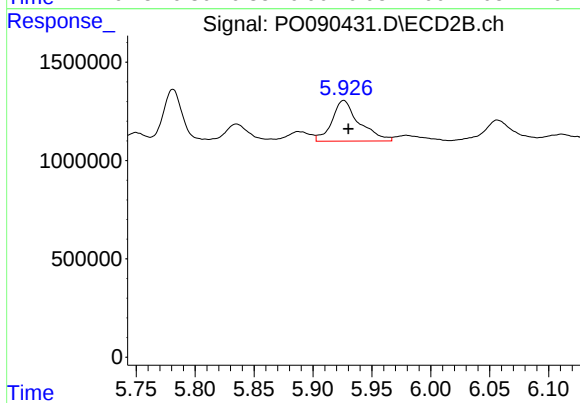
#27 AR-1254-2

R.T.: 5.521 min
Delta R.T.: -0.004 min
Response: 1671079
Conc: 31.19 ng/ml



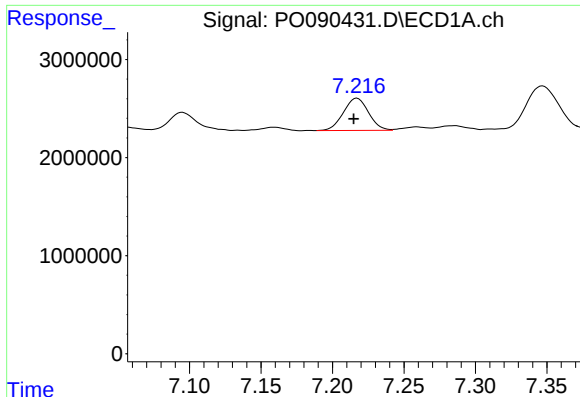
#28 AR-1254-3

R.T.: 6.929 min
Delta R.T.: 0.002 min
Response: 6439944
Conc: 37.10 ng/ml



#28 AR-1254-3

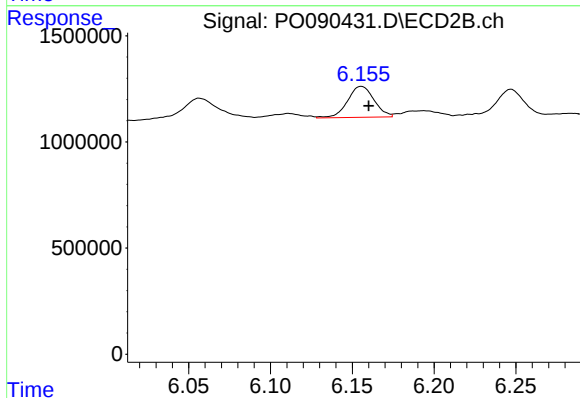
R.T.: 5.926 min
Delta R.T.: -0.004 min
Response: 3336457
Conc: 40.26 ng/ml



#29 AR-1254-4

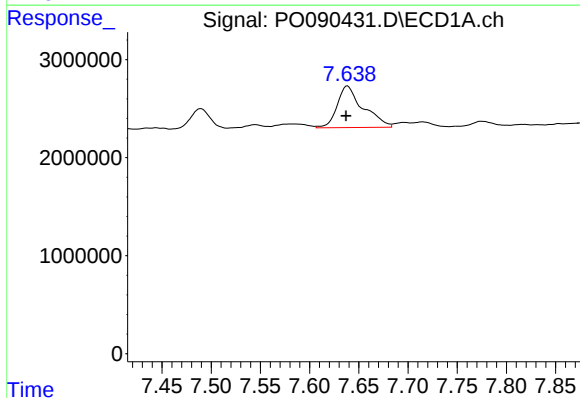
R.T.: 7.217 min
Delta R.T.: 0.002 min
Response: 4049368
Conc: 31.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



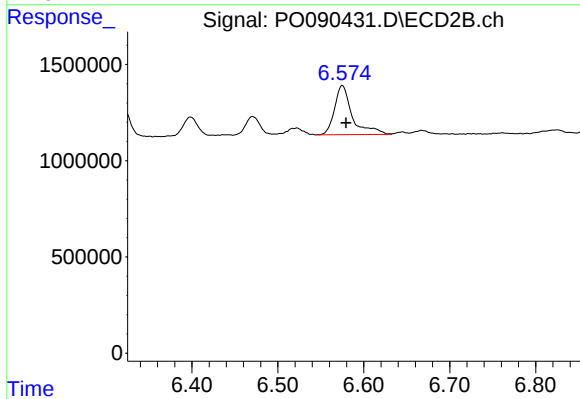
#29 AR-1254-4

R.T.: 6.156 min
Delta R.T.: -0.004 min
Response: 1644750
Conc: 33.12 ng/ml



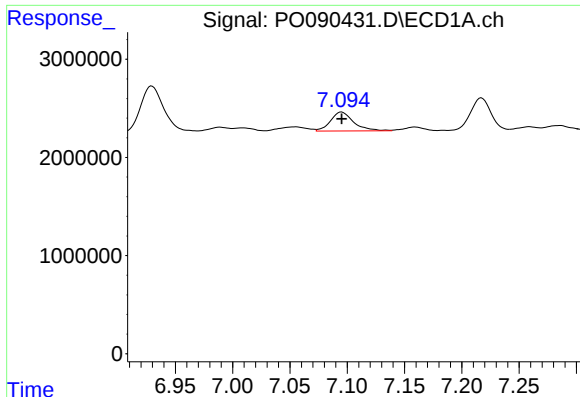
#30 AR-1254-5

R.T.: 7.638 min
Delta R.T.: 0.001 min
Response: 7778756
Conc: 55.22 ng/ml



#30 AR-1254-5

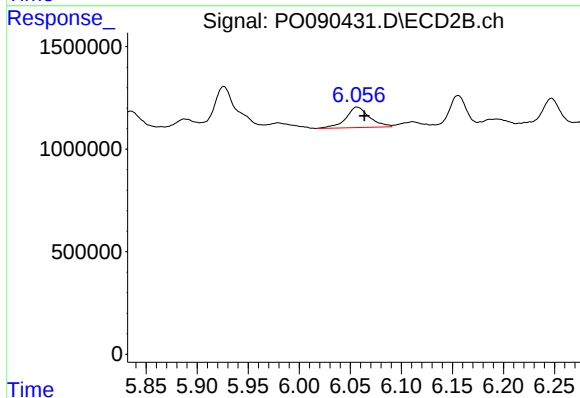
R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 3649866
Conc: 48.75 ng/ml



#31 AR-1260-1

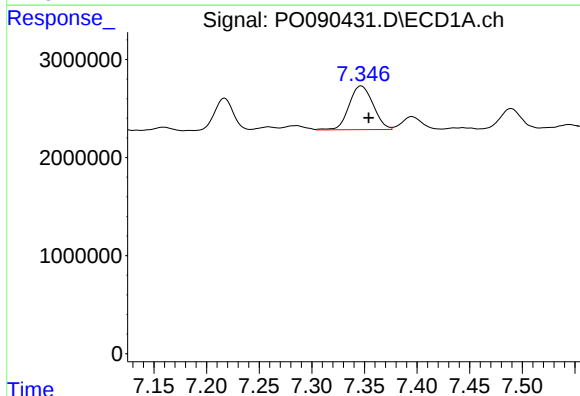
R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 2699705
Conc: 19.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



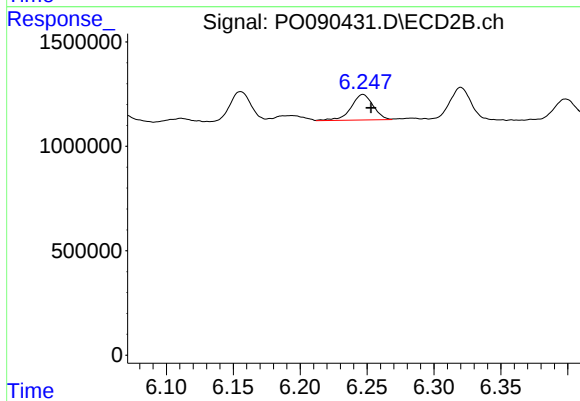
#31 AR-1260-1

R.T.: 6.056 min
Delta R.T.: -0.007 min
Response: 1608196
Conc: 26.71 ng/ml



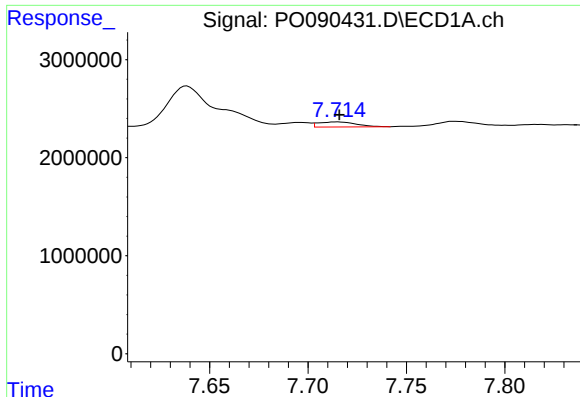
#32 AR-1260-2

R.T.: 7.347 min
Delta R.T.: -0.007 min
Response: 7092451
Conc: 43.84 ng/ml



#32 AR-1260-2

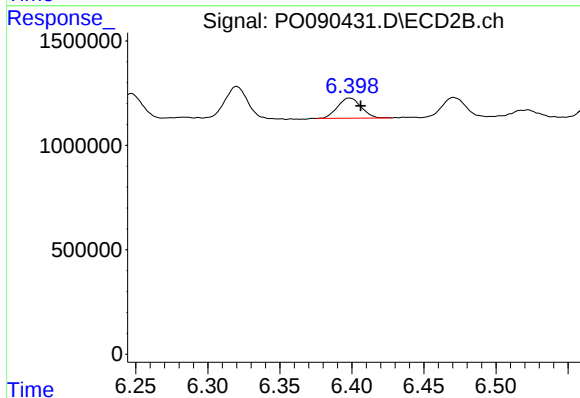
R.T.: 6.247 min
Delta R.T.: -0.006 min
Response: 1410456
Conc: 19.52 ng/ml



#33 AR-1260-3

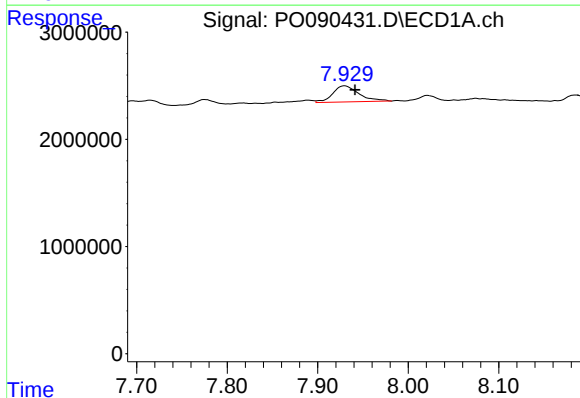
R.T.: 7.715 min
Delta R.T.: -0.001 min
Response: 676523
Conc: 6.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



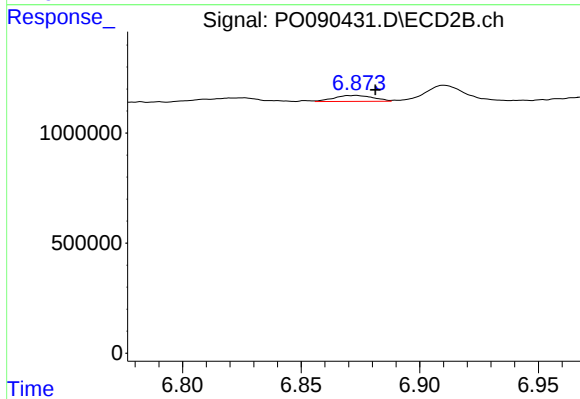
#33 AR-1260-3

R.T.: 6.398 min
Delta R.T.: -0.008 min
Response: 1101800
Conc: 16.54 ng/ml



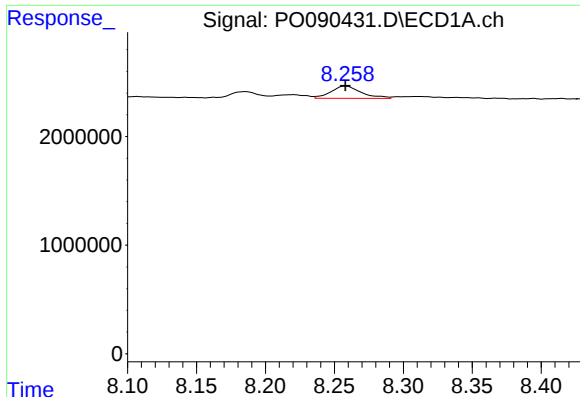
#34 AR-1260-4

R.T.: 7.930 min
Delta R.T.: -0.011 min
Response: 3039293
Conc: 24.60 ng/ml



#34 AR-1260-4

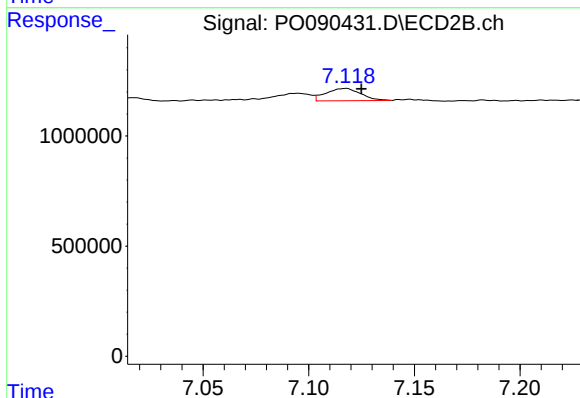
R.T.: 6.873 min
Delta R.T.: -0.008 min
Response: 313006
Conc: 6.15 ng/ml



#35 AR-1260-5

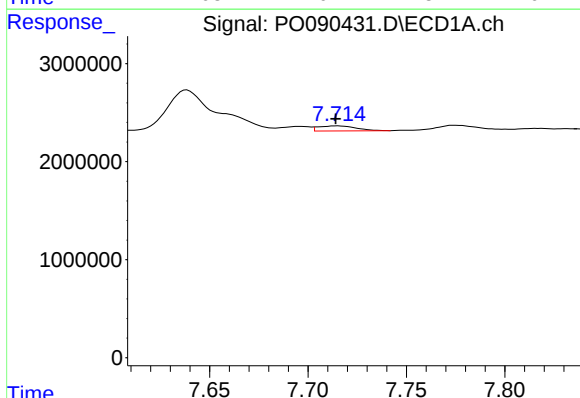
R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 1744851
Conc: 7.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



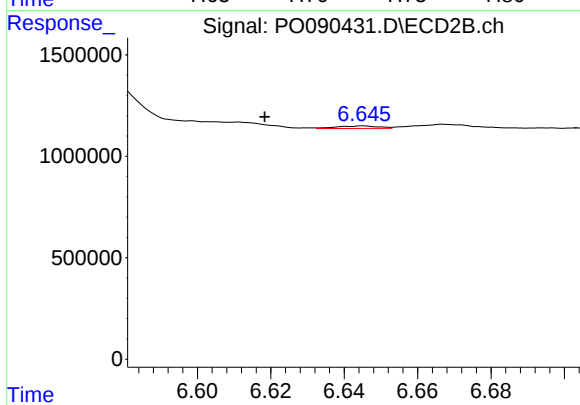
#35 AR-1260-5

R.T.: 7.118 min
Delta R.T.: -0.007 min
Response: 641958
Conc: 5.53 ng/ml



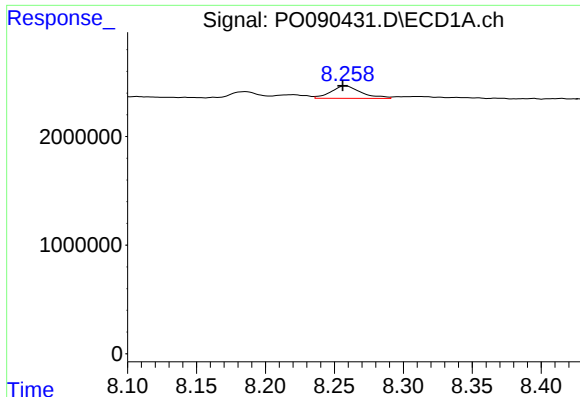
#36 AR-1262-1

R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 676523
Conc: 4.08 ng/ml



#36 AR-1262-1

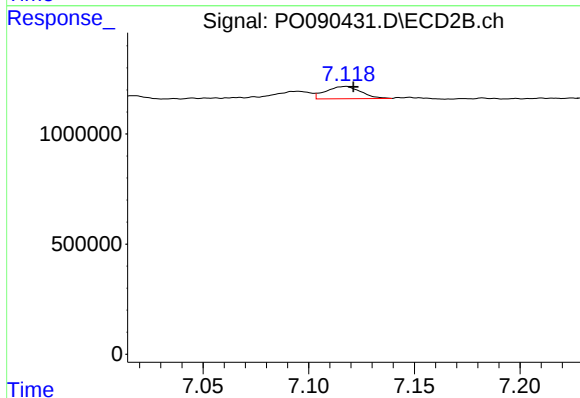
R.T.: 6.645 min
Delta R.T.: 0.027 min
Response: 96899
Conc: 1.28 ng/ml



#37 AR-1262-2

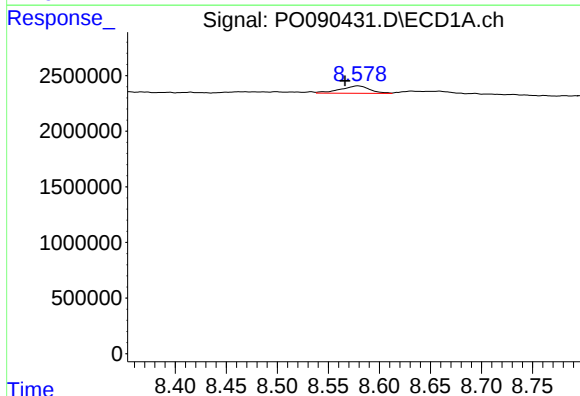
R.T.: 8.258 min
Delta R.T.: 0.002 min
Response: 1744851
Conc: 6.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



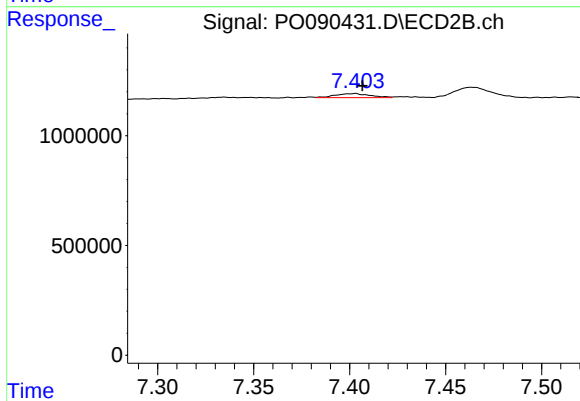
#37 AR-1262-2

R.T.: 7.118 min
Delta R.T.: -0.003 min
Response: 641958
Conc: 5.01 ng/ml



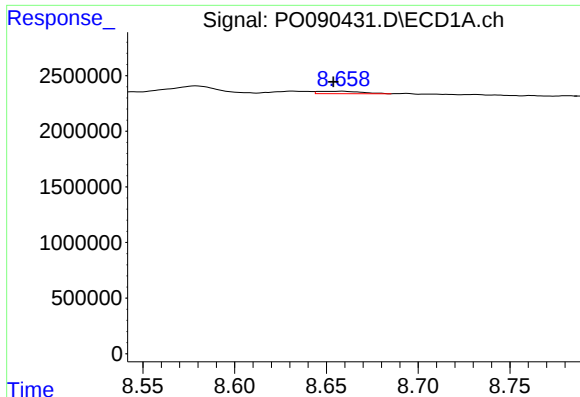
#38 AR-1262-3

R.T.: 8.579 min
Delta R.T.: 0.013 min
Response: 1347057
Conc: 6.86 ng/ml



#38 AR-1262-3

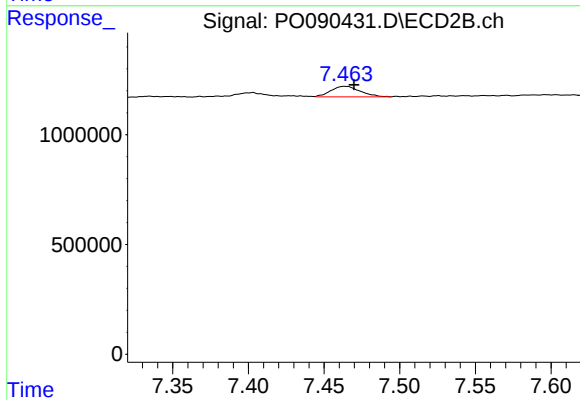
R.T.: 7.403 min
Delta R.T.: -0.003 min
Response: 237521
Conc: 4.36 ng/ml



#39 AR-1262-4

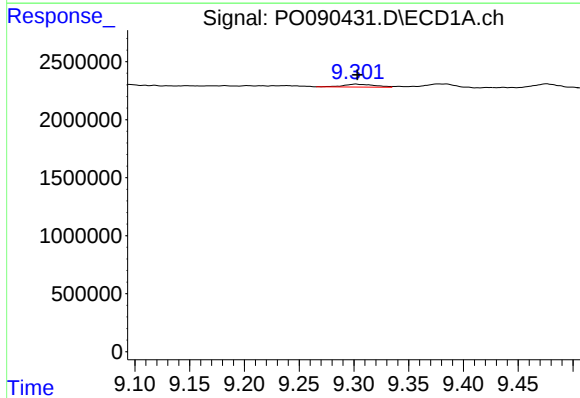
R.T.: 8.659 min
Delta R.T.: 0.005 min
Response: 345516
Conc: 3.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



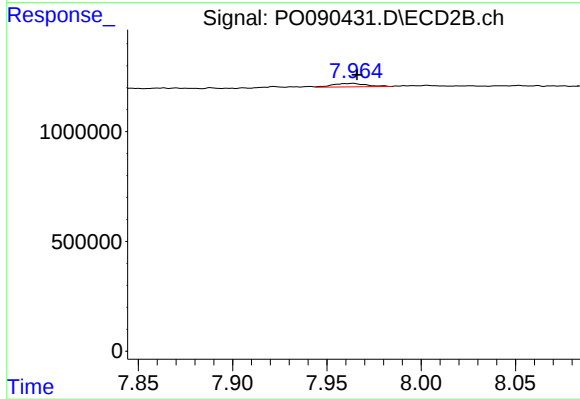
#39 AR-1262-4

R.T.: 7.464 min
Delta R.T.: -0.006 min
Response: 640154
Conc: 6.59 ng/ml



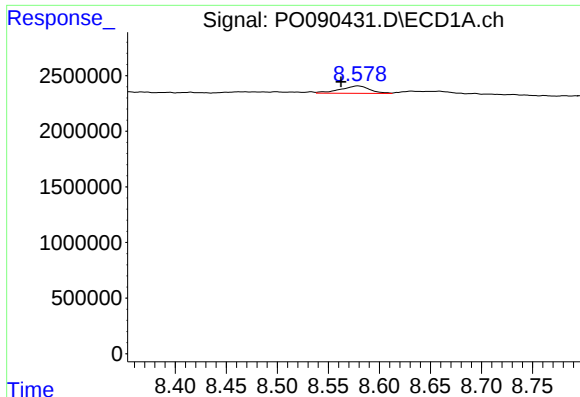
#40 AR-1262-5

R.T.: 9.302 min
Delta R.T.: -0.001 min
Response: 509098
Conc: 4.83 ng/ml



#40 AR-1262-5

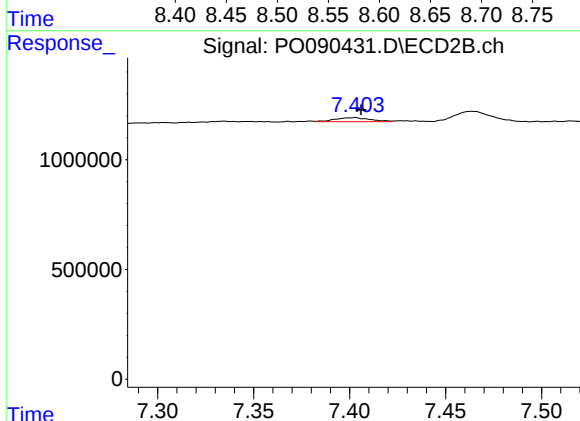
R.T.: 7.964 min
Delta R.T.: -0.002 min
Response: 194515
Conc: 4.10 ng/ml



#41 AR-1268-1

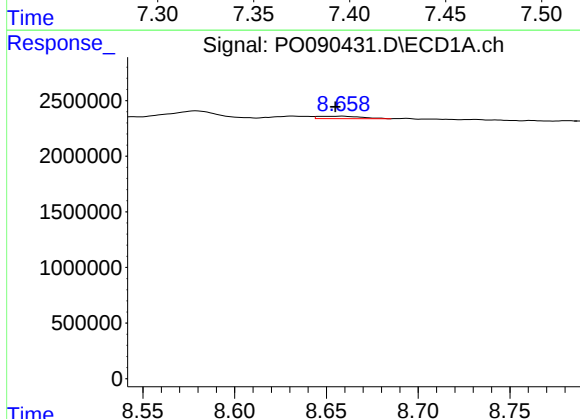
R.T.: 8.579 min
Delta R.T.: 0.016 min
Response: 1347057
Conc: 3.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



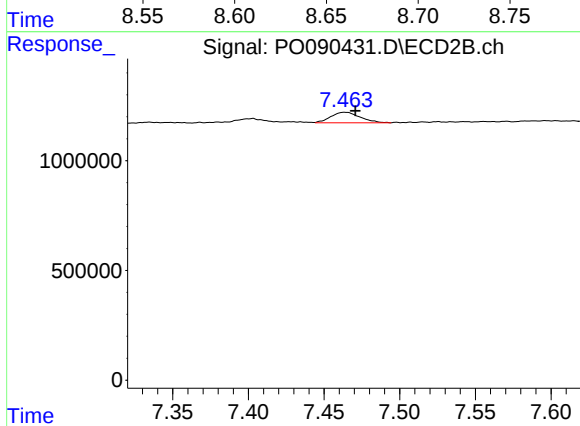
#41 AR-1268-1

R.T.: 7.403 min
Delta R.T.: -0.003 min
Response: 237521
Conc: 1.51 ng/ml



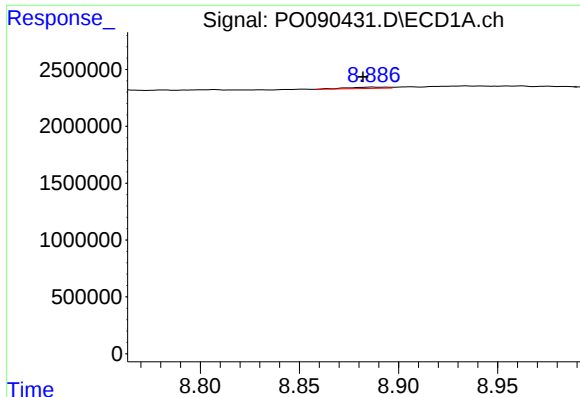
#42 AR-1268-2

R.T.: 8.659 min
Delta R.T.: 0.004 min
Response: 345516
Conc: 1.11 ng/ml



#42 AR-1268-2

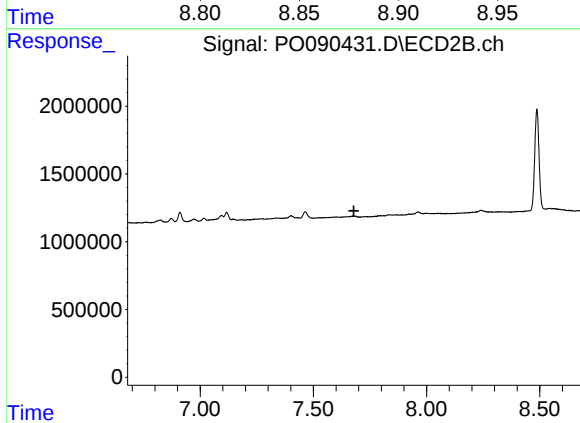
R.T.: 7.464 min
Delta R.T.: -0.007 min
Response: 640154
Conc: 4.56 ng/ml



#43 AR-1268-3

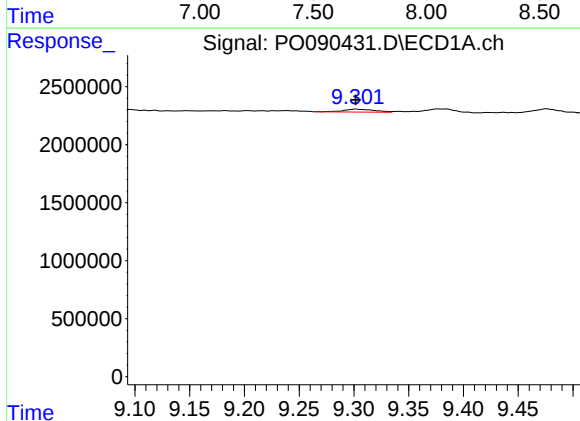
R.T.: 8.886 min
Delta R.T.: 0.004 min
Response: 158513
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



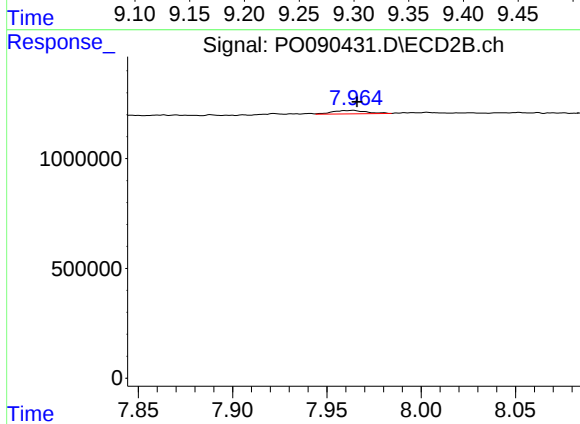
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.679 min
Response: 0
Conc: N.D.



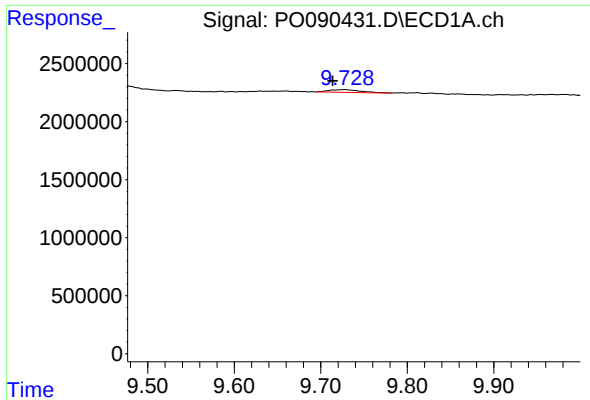
#44 AR-1268-4

R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 509098
Conc: 4.37 ng/ml



#44 AR-1268-4

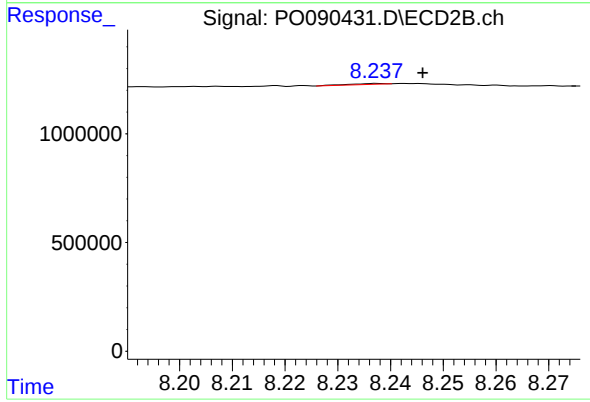
R.T.: 7.964 min
Delta R.T.: -0.002 min
Response: 194515
Conc: 3.58 ng/ml



#45 AR-1268-5

R.T.: 9.728 min
Delta R.T.: 0.014 min
Response: 592162
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.238 min
Delta R.T.: -0.008 min
Response: 17482
Conc: 0.05 ng/ml