

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120518\
 Data File : PO052269.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Dec 2018 20:01
 Operator : SM/SJ
 Sample : J6214-27
 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: Dec 06 03:27:40 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 04 03:10:39 2018
 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...	4.277	3.294	16402034	3988108	19.052	17.881
2)	SA Decachlor...	9.852	7.990	7581586	2980318	15.150	14.296
Target Compounds							
3)	L1 AR-1016-1	5.495	4.356	1544388	1052474	67.525	146.737 #
4)	L1 AR-1016-2	5.495	4.356	1544388	1052474	44.372	80.326 #
5)	L1 AR-1016-3	5.495	0.000	1544388	0	74.334	N.D. #
6)	L1 AR-1016-4	0.000	4.580	0	1506763	N.D.	293.014 #
10)	L2 AR-1221-3	0.000	3.691	0	369945	N.D.	75.306 #
11)	L3 AR-1232-1	0.000	3.691	0	369945	N.D.	87.274 #
12)	L3 AR-1232-2	5.171	4.356	1141252	1052474	154.194	187.643
13)	L3 AR-1232-3	5.495	0.000	1544388	0	100.834	N.D. #
14)	L3 AR-1232-4	0.000	4.580	0	1506763	N.D.	709.313 #
15)	L3 AR-1232-5	5.756	0.000	4686637	0	1001.435	N.D. #
16)	L4 AR-1242-1	5.495	4.356	1544388	1052474	83.641	190.226 #
17)	L4 AR-1242-2	5.495	4.356	1544388	1052474	56.216	100.024 #
18)	L4 AR-1242-3	5.495	0.000	1544388	0	97.736	N.D. #
19)	L4 AR-1242-4	0.000	4.580	0	1506763	N.D.	329.661 #
20)	L4 AR-1242-5	0.000	5.041	0	133011	N.D.	20.833 #
21)	L5 AR-1248-1	5.495	4.356	1544388	1052474	116.564	234.267 #
22)	L5 AR-1248-2	5.756	4.580	4686637	1506763	250.876	230.217
23)	L5 AR-1248-3	0.000	4.580	0	1506763	N.D.	231.916 #
24)	L5 AR-1248-4	6.280	0.000	536777	0	23.380	N.D. #
25)	L5 AR-1248-5	0.000	5.041	0	133011	N.D.	16.385 #
26)	L6 AR-1254-1	6.280	5.041	536777	133011	20.774	9.531 #
27)	L6 AR-1254-2	6.500	5.225	772876	837428	19.373	66.575 #
28)	L6 AR-1254-3	6.861	5.562	1749520	731911	41.683	37.328
29)	L6 AR-1254-4	7.140	5.814	467644	225699	16.331	19.935
30)	L6 AR-1254-5	7.559	6.179	2425703	1474078	82.377	87.464
31)	L7 AR-1260-1	7.019	5.685	3852287	787902	130.515	56.352 #
32)	L7 AR-1260-2	7.272	5.879	3330231	1092726	94.535	65.450 #
33)	L7 AR-1260-3	7.631	6.009	1799959	542532	74.417	34.258 #
34)	L7 AR-1260-4	7.856	6.462	2014594	579023	82.335	55.474 #
35)	L7 AR-1260-5	8.165	6.702	3520131	1562500	71.643	64.620
36)	L8 AR-1262-1	7.631	6.216	1799959	725726	44.204	39.645
37)	L8 AR-1262-2	8.165	6.702	3520131	1562500	54.267	54.029
38)	L8 AR-1262-3	8.458	6.974	1277169	521943	30.830	44.377 #
39)	L8 AR-1262-4	8.529	7.034	2087158	1397112	62.822	66.756
40)	L8 AR-1262-5	9.165	7.520	1020987	383005	48.698	45.122
41)	L9 AR-1268-1	8.477	6.974	1959896	521943	21.016	13.209 #
42)	L9 AR-1268-2	8.529	7.034	2087158	1397112	25.303	37.260 #
43)	L9 AR-1268-3	8.754	7.231	349802	633770	4.609	19.394 #
44)	L9 AR-1268-4	9.165	7.520	1020987	383005	39.236	34.598

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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	9.545	7.782	1566173	474224	7.629	5.422 #

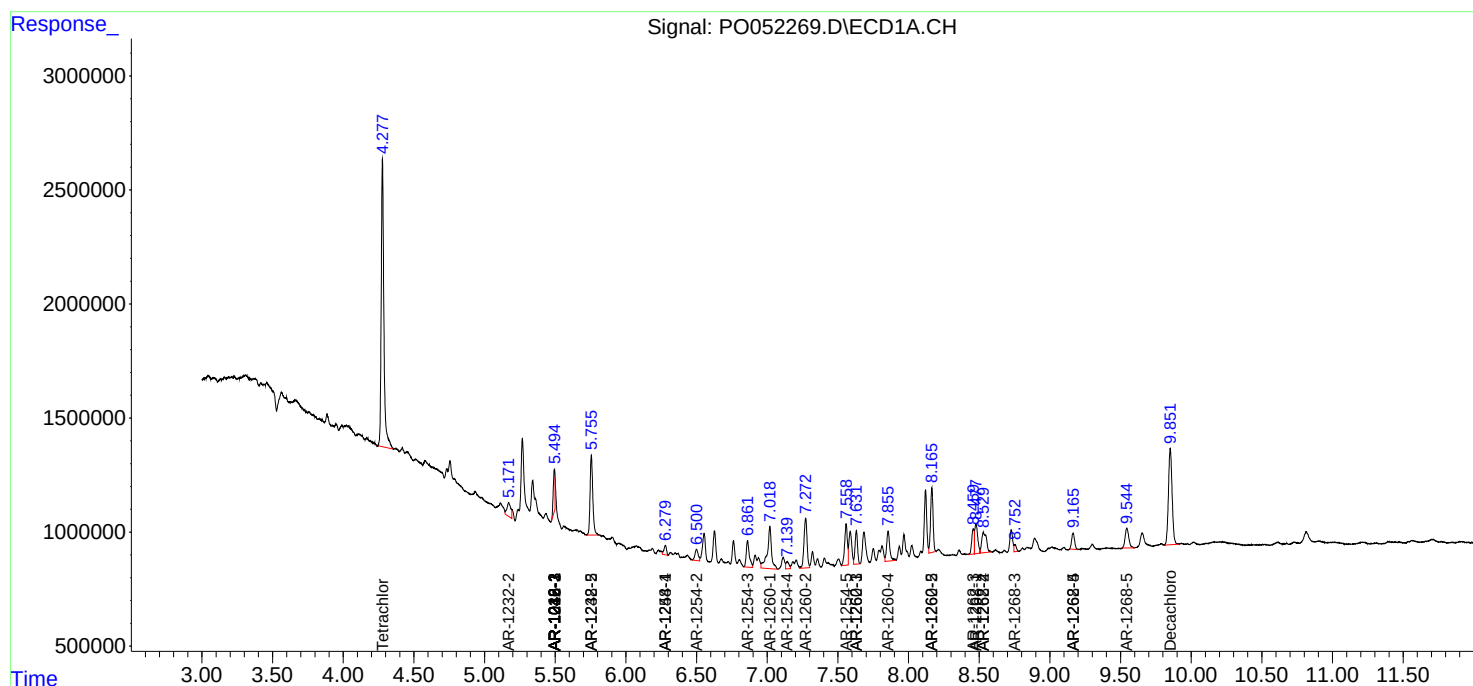
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

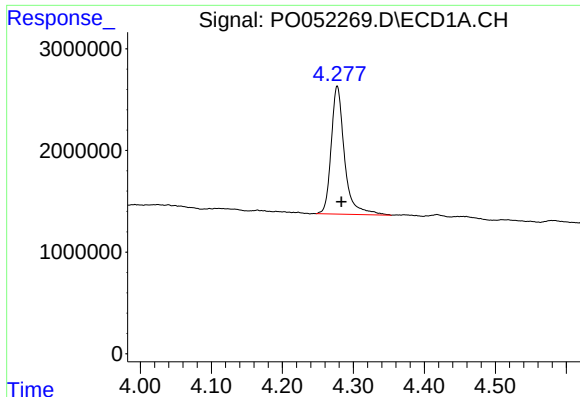
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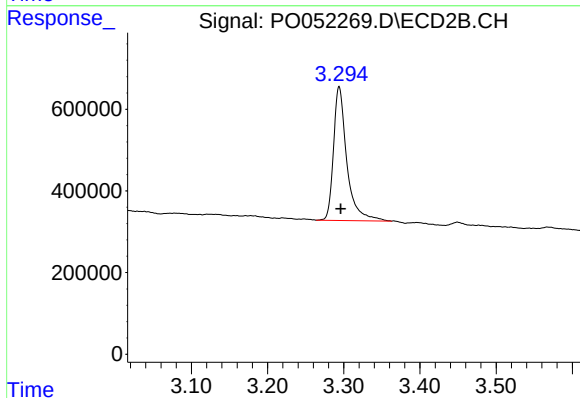




#1 Tetrachloro-m-xylene

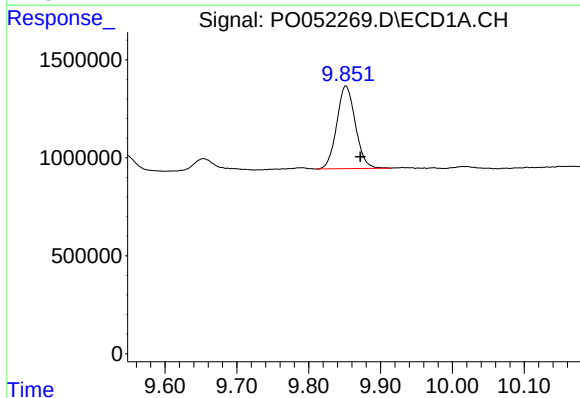
R.T.: 4.277 min
Delta R.T.: -0.006 min
Response: 16402034
Conc: 19.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



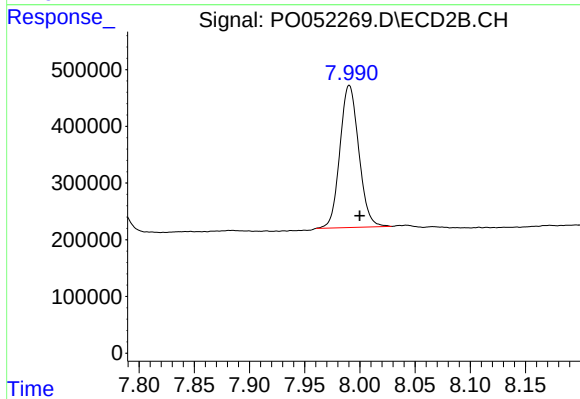
#1 Tetrachloro-m-xylene

R.T.: 3.294 min
Delta R.T.: -0.002 min
Response: 3988108
Conc: 17.88 ng/ml



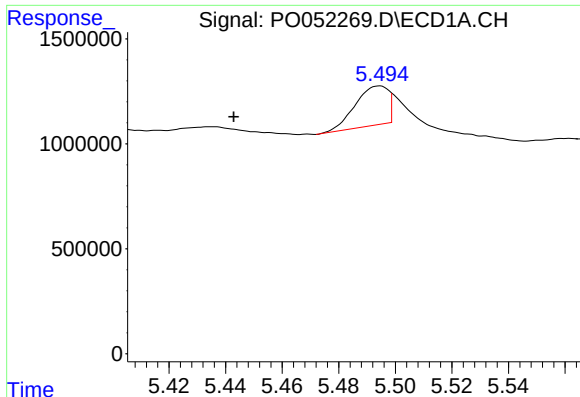
#2 Decachlorobiphenyl

R.T.: 9.852 min
Delta R.T.: -0.020 min
Response: 7581586
Conc: 15.15 ng/ml



#2 Decachlorobiphenyl

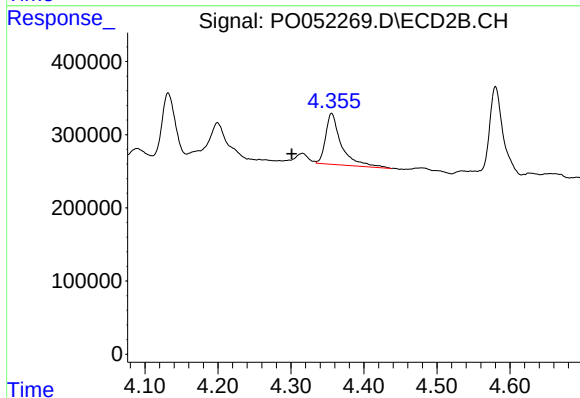
R.T.: 7.990 min
Delta R.T.: -0.010 min
Response: 2980318
Conc: 14.30 ng/ml



#3 AR-1016-1

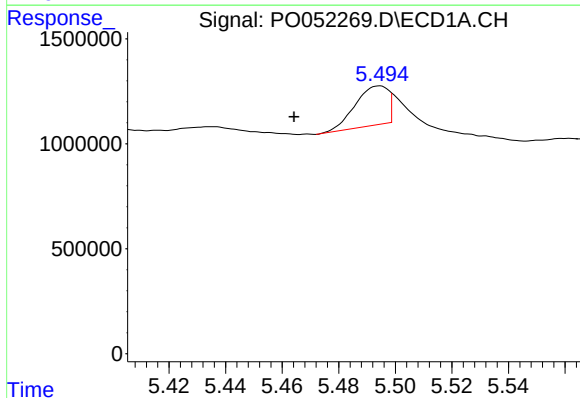
R.T.: 5.495 min
Delta R.T.: 0.052 min
Response: 1544388
Conc: 67.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



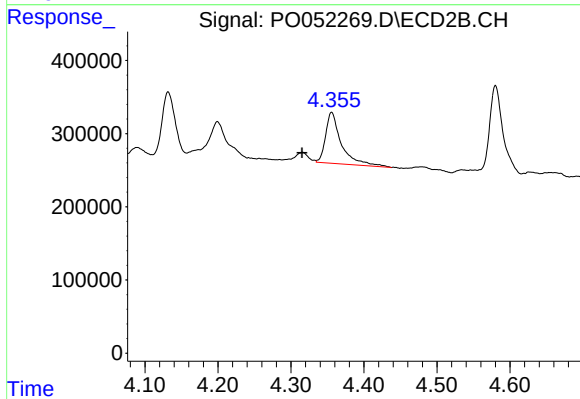
#3 AR-1016-1

R.T.: 4.356 min
Delta R.T.: 0.055 min
Response: 1052474
Conc: 146.74 ng/ml



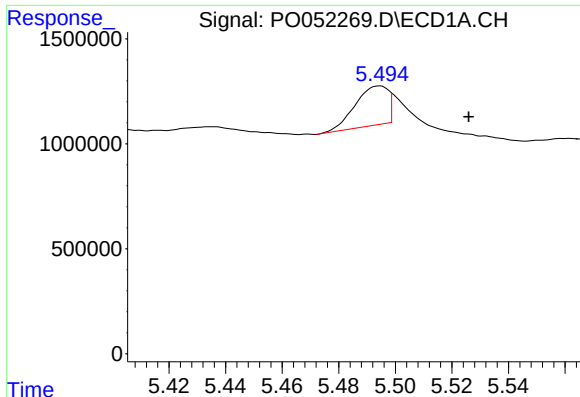
#4 AR-1016-2

R.T.: 5.495 min
Delta R.T.: 0.031 min
Response: 1544388
Conc: 44.37 ng/ml



#4 AR-1016-2

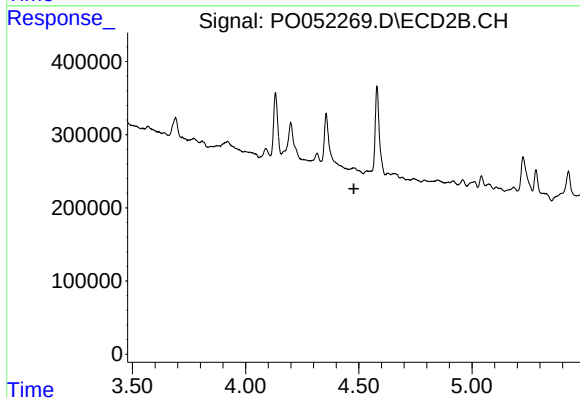
R.T.: 4.356 min
Delta R.T.: 0.041 min
Response: 1052474
Conc: 80.33 ng/ml



#5 AR-1016-3

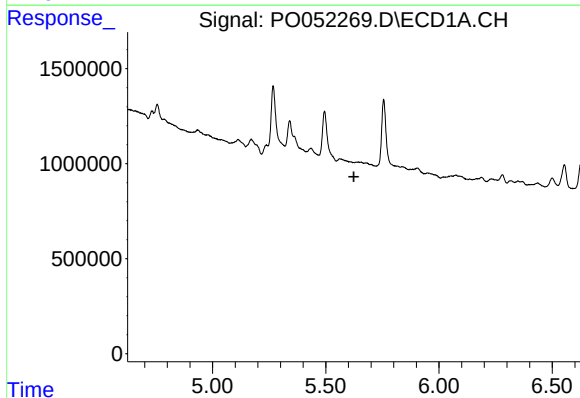
R.T.: 5.495 min
Delta R.T.: -0.031 min
Response: 1544388
Conc: 74.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



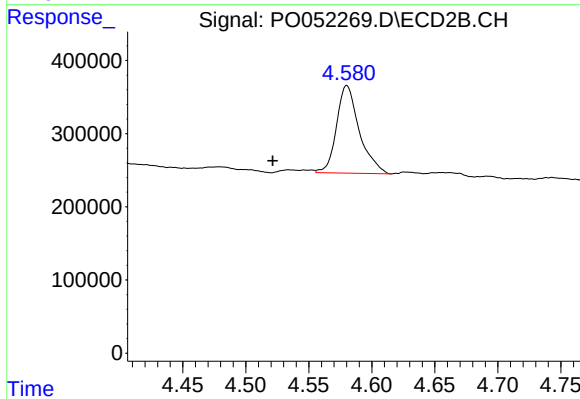
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.478 min
Response: 0
Conc: N.D.



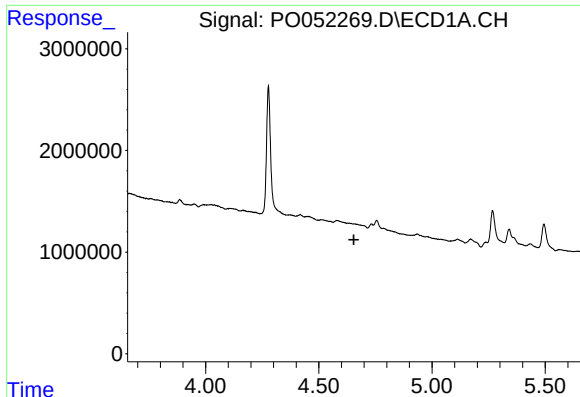
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.624 min
Response: 0
Conc: N.D.



#6 AR-1016-4

R.T.: 4.580 min
Delta R.T.: 0.059 min
Response: 1506763
Conc: 293.01 ng/ml



#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :

#10 AR-1221-3

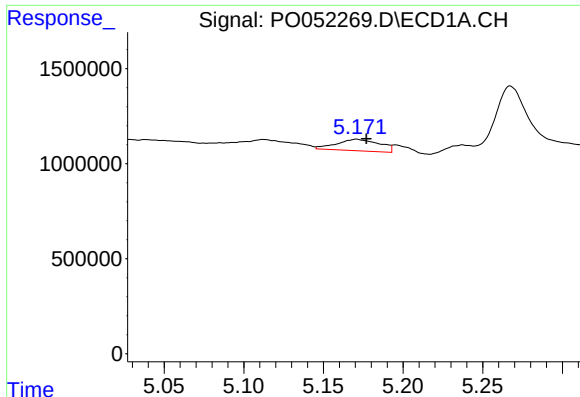
R.T.: 3.691 min
Delta R.T.: 0.046 min
Response: 369945
Conc: 75.31 ng/ml

#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.

#11 AR-1232-1

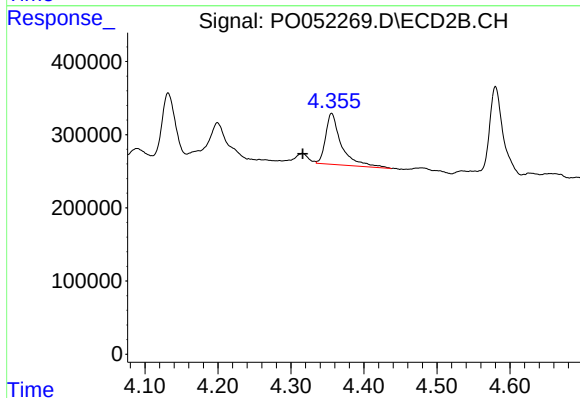
R.T.: 3.691 min
Delta R.T.: 0.047 min
Response: 369945
Conc: 87.27 ng/ml



#12 AR-1232-2

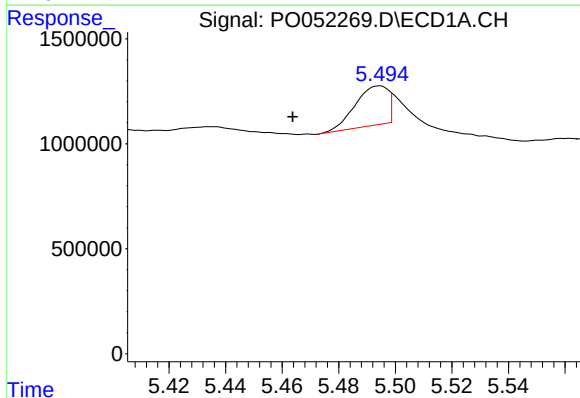
R.T.: 5.171 min
Delta R.T.: -0.006 min
Response: 1141252
Conc: 154.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



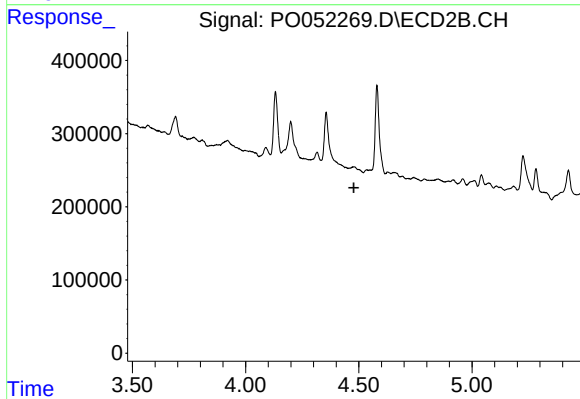
#12 AR-1232-2

R.T.: 4.356 min
Delta R.T.: 0.040 min
Response: 1052474
Conc: 187.64 ng/ml



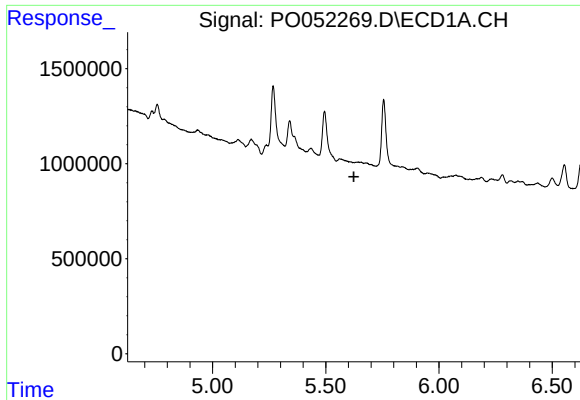
#13 AR-1232-3

R.T.: 5.495 min
Delta R.T.: 0.031 min
Response: 1544388
Conc: 100.83 ng/ml



#13 AR-1232-3

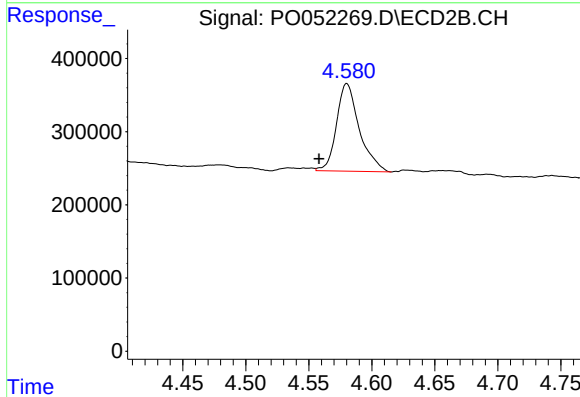
R.T.: 0.000 min
Exp R.T.: 4.478 min
Response: 0
Conc: N.D.



#14 AR-1232-4

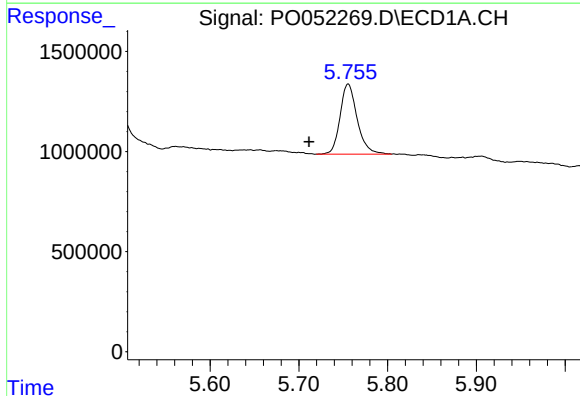
R.T.: 0.000 min
Exp R.T.: 5.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



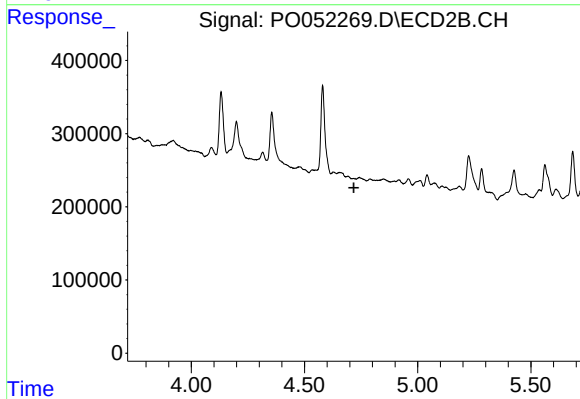
#14 AR-1232-4

R.T.: 4.580 min
Delta R.T.: 0.022 min
Response: 1506763
Conc: 709.31 ng/ml



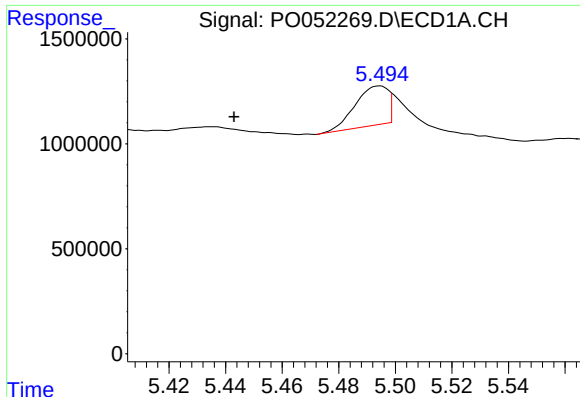
#15 AR-1232-5

R.T.: 5.756 min
Delta R.T.: 0.044 min
Response: 4686637
Conc: 1001.43 ng/ml



#15 AR-1232-5

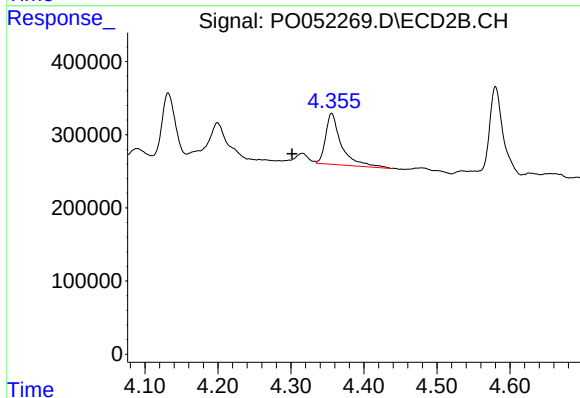
R.T.: 0.000 min
Exp R.T.: 4.718 min
Response: 0
Conc: N.D.



#16 AR-1242-1

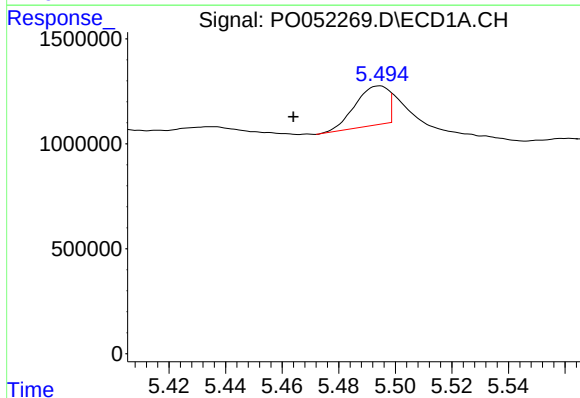
R.T.: 5.495 min
Delta R.T.: 0.052 min
Response: 1544388
Conc: 83.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



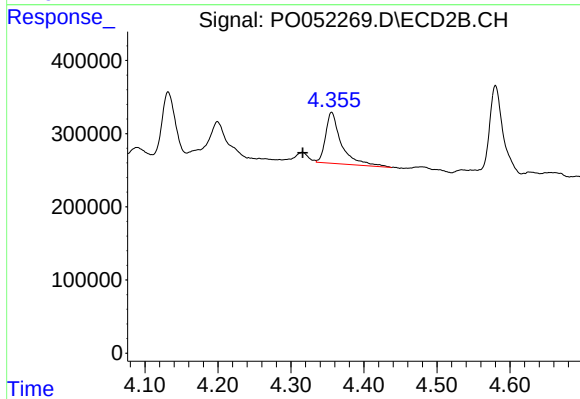
#16 AR-1242-1

R.T.: 4.356 min
Delta R.T.: 0.054 min
Response: 1052474
Conc: 190.23 ng/ml



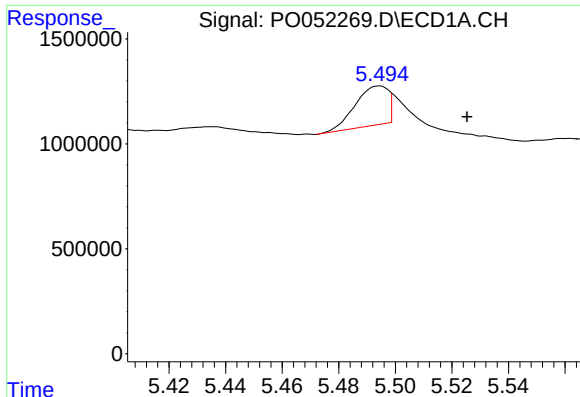
#17 AR-1242-2

R.T.: 5.495 min
Delta R.T.: 0.031 min
Response: 1544388
Conc: 56.22 ng/ml



#17 AR-1242-2

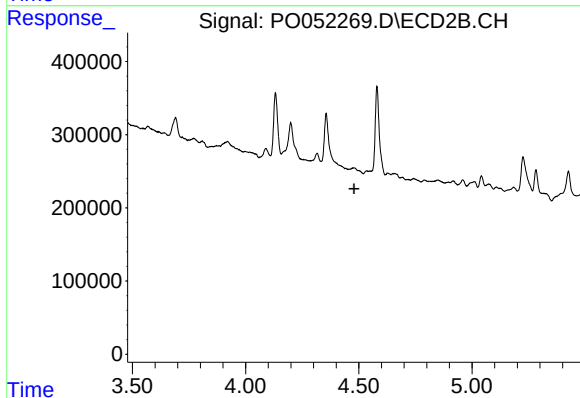
R.T.: 4.356 min
Delta R.T.: 0.040 min
Response: 1052474
Conc: 100.02 ng/ml



#18 AR-1242-3

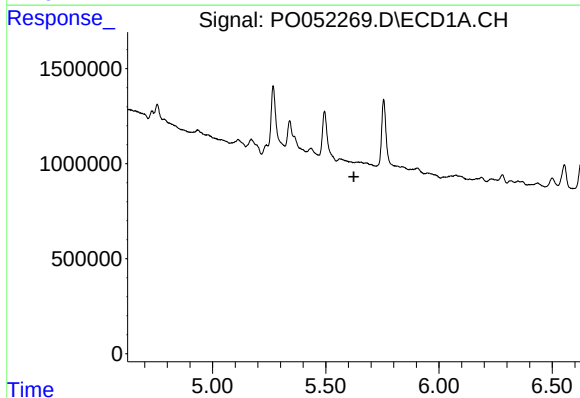
R.T.: 5.495 min
Delta R.T.: -0.031 min
Response: 1544388
Conc: 97.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



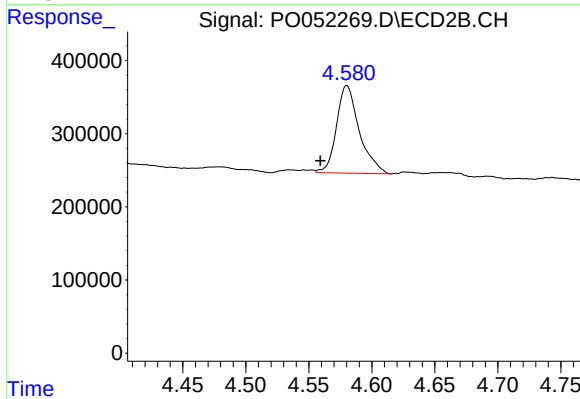
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.479 min
Response: 0
Conc: N.D.



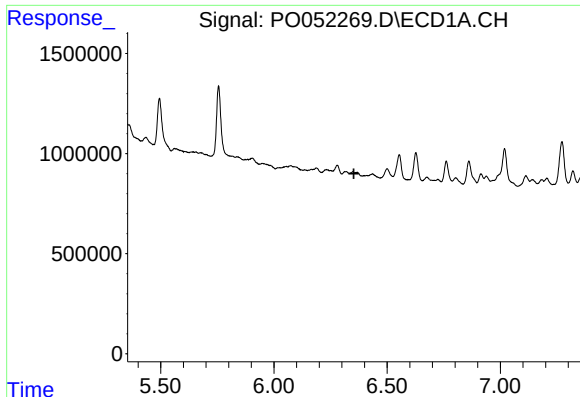
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.624 min
Response: 0
Conc: N.D.



#19 AR-1242-4

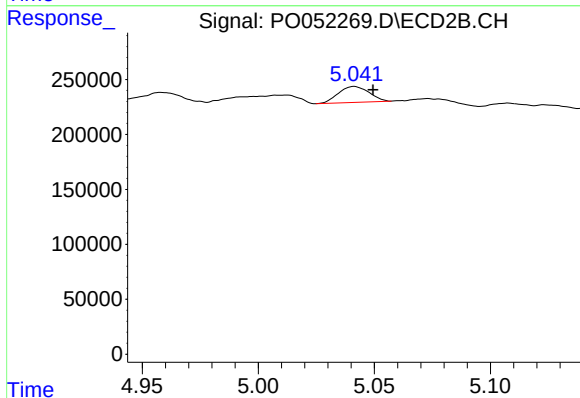
R.T.: 4.580 min
Delta R.T.: 0.021 min
Response: 1506763
Conc: 329.66 ng/ml



#20 AR-1242-5

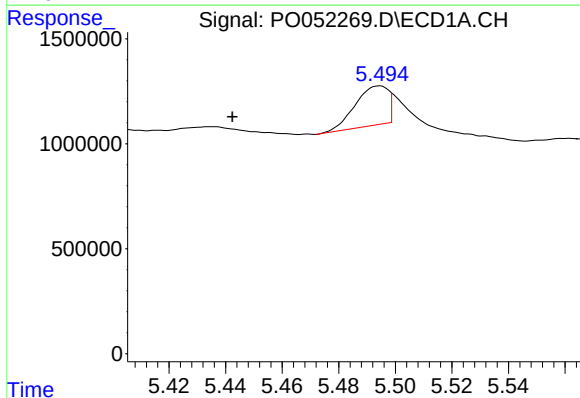
R.T.: 0.000 min
Exp R.T.: 6.353 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



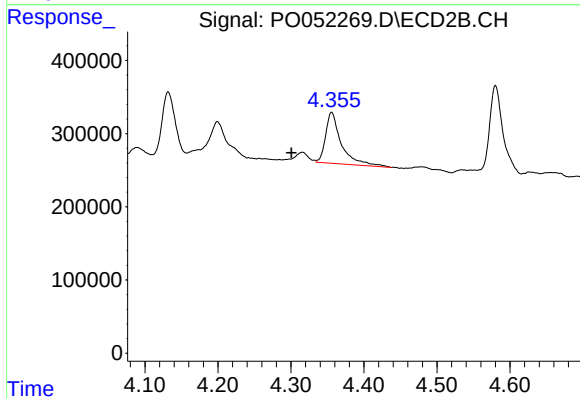
#20 AR-1242-5

R.T.: 5.041 min
Delta R.T.: -0.008 min
Response: 133011
Conc: 20.83 ng/ml



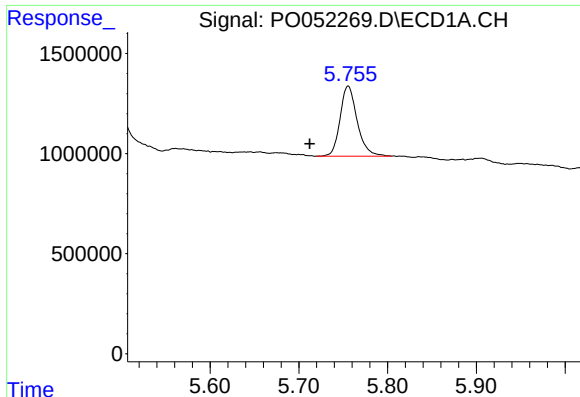
#21 AR-1248-1

R.T.: 5.495 min
Delta R.T.: 0.052 min
Response: 1544388
Conc: 116.56 ng/ml



#21 AR-1248-1

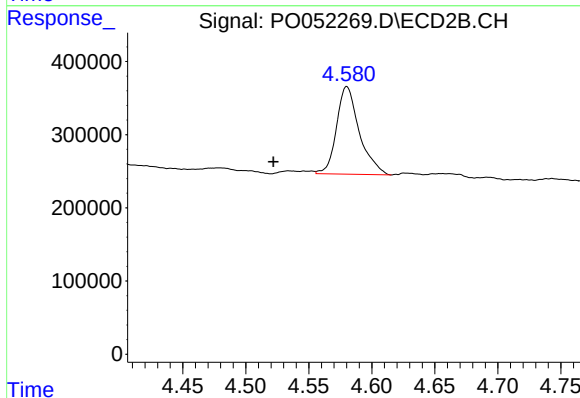
R.T.: 4.356 min
Delta R.T.: 0.055 min
Response: 1052474
Conc: 234.27 ng/ml



#22 AR-1248-2

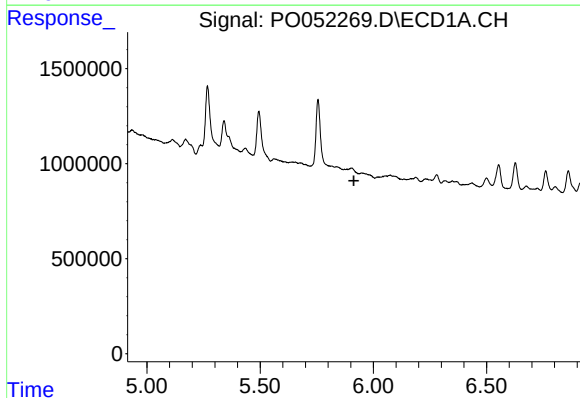
R.T.: 5.756 min
Delta R.T.: 0.043 min
Response: 4686637
Conc: 250.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



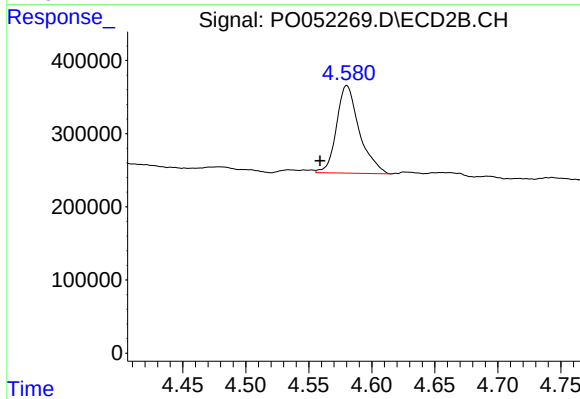
#22 AR-1248-2

R.T.: 4.580 min
Delta R.T.: 0.058 min
Response: 1506763
Conc: 230.22 ng/ml



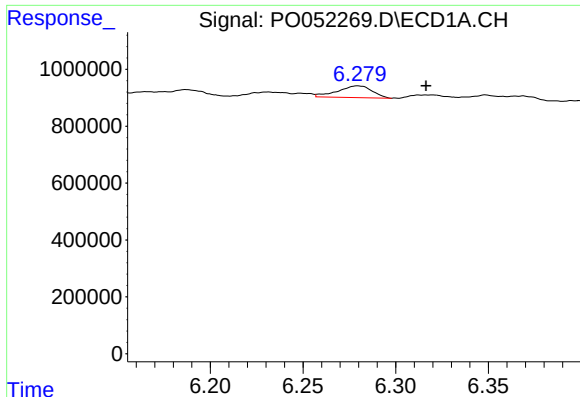
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.914 min
Response: 0
Conc: N.D.



#23 AR-1248-3

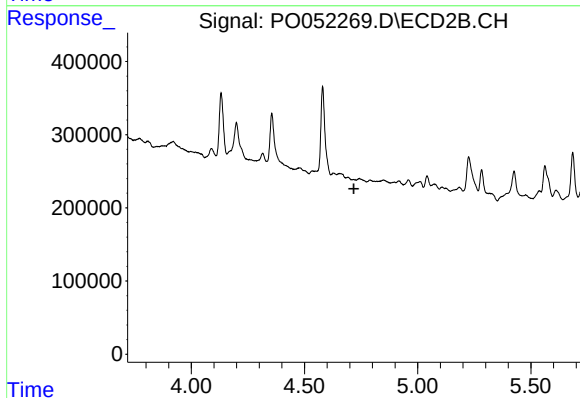
R.T.: 4.580 min
Delta R.T.: 0.021 min
Response: 1506763
Conc: 231.92 ng/ml



#24 AR-1248-4

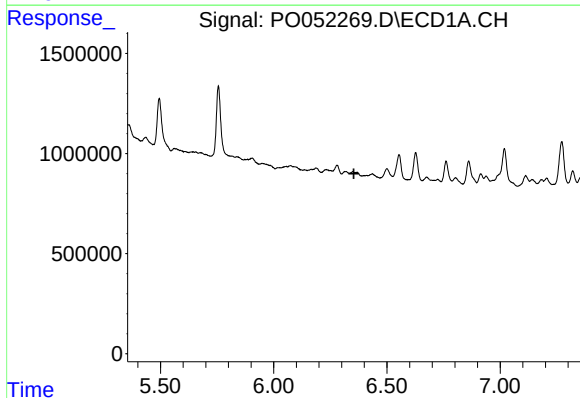
R.T.: 6.280 min
Delta R.T.: -0.037 min
Response: 536777
Conc: 23.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



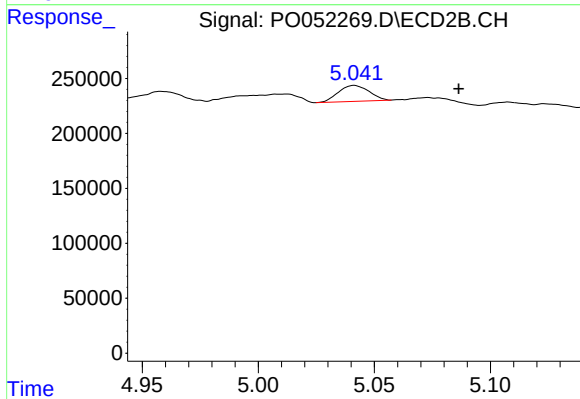
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.718 min
Response: 0
Conc: N.D.



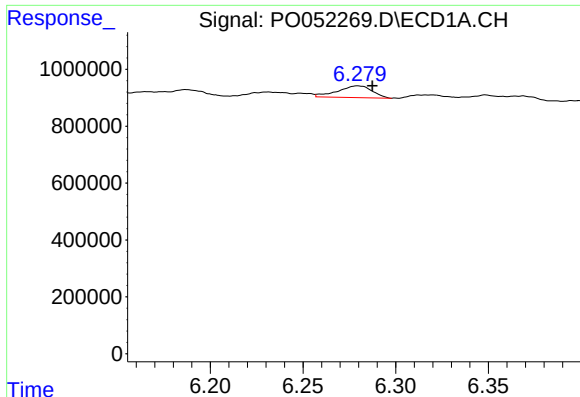
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.354 min
Response: 0
Conc: N.D.



#25 AR-1248-5

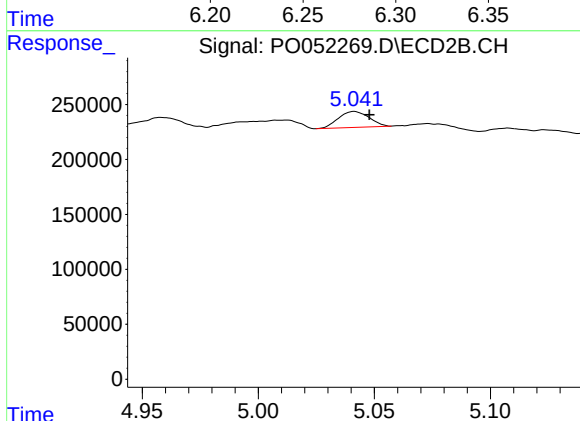
R.T.: 5.041 min
Delta R.T.: -0.045 min
Response: 133011
Conc: 16.39 ng/ml



#26 AR-1254-1

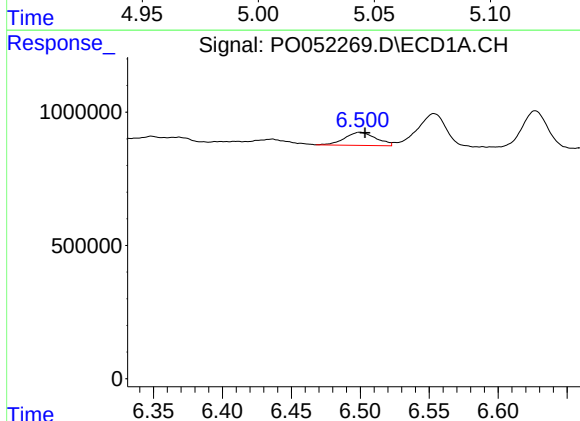
R.T.: 6.280 min
Delta R.T.: -0.008 min
Response: 536777
Conc: 20.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



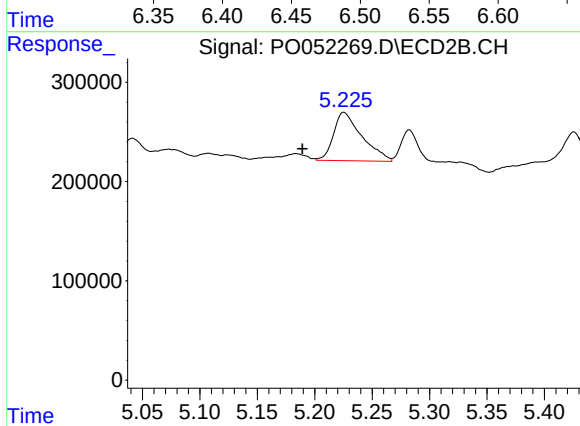
#26 AR-1254-1

R.T.: 5.041 min
Delta R.T.: -0.006 min
Response: 133011
Conc: 9.53 ng/ml



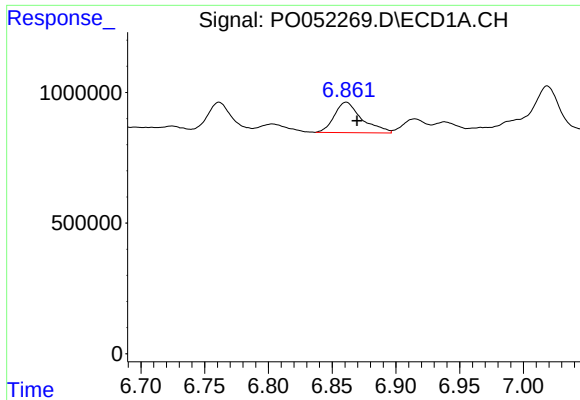
#27 AR-1254-2

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 772876
Conc: 19.37 ng/ml



#27 AR-1254-2

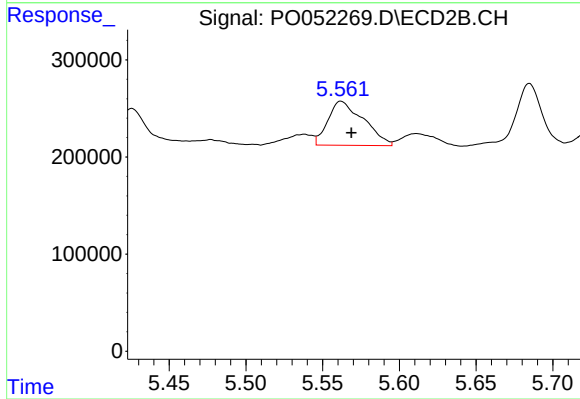
R.T.: 5.225 min
Delta R.T.: 0.036 min
Response: 837428
Conc: 66.58 ng/ml



#28 AR-1254-3

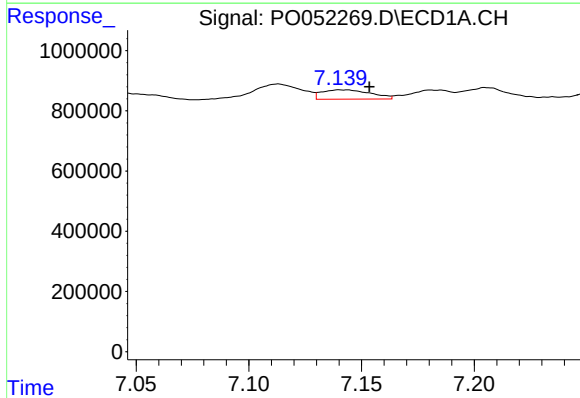
R.T.: 6.861 min
Delta R.T.: -0.008 min
Response: 1749520
Conc: 41.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



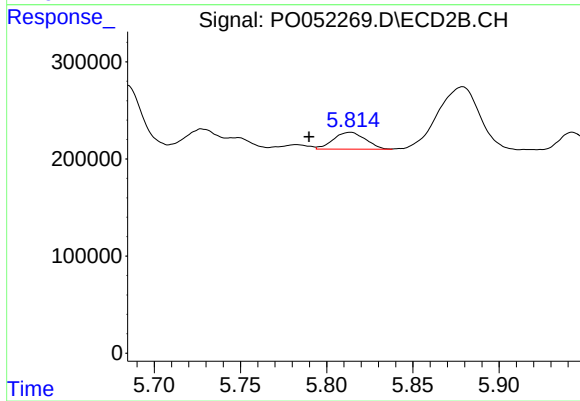
#28 AR-1254-3

R.T.: 5.562 min
Delta R.T.: -0.007 min
Response: 731911
Conc: 37.33 ng/ml



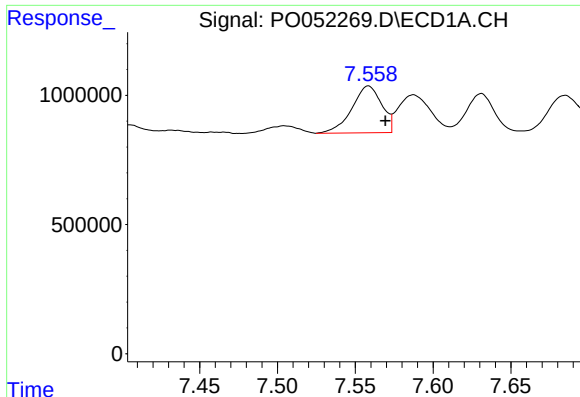
#29 AR-1254-4

R.T.: 7.140 min
Delta R.T.: -0.013 min
Response: 467644
Conc: 16.33 ng/ml



#29 AR-1254-4

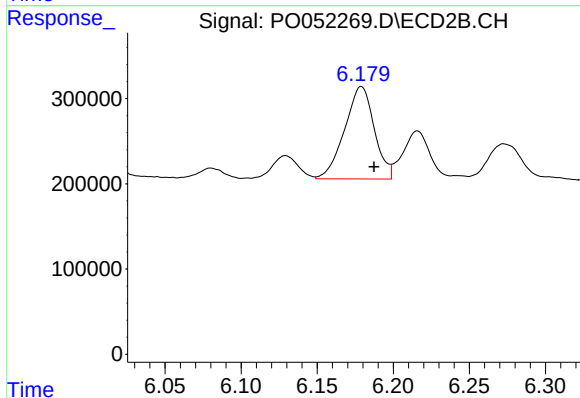
R.T.: 5.814 min
Delta R.T.: 0.024 min
Response: 225699
Conc: 19.94 ng/ml



#30 AR-1254-5

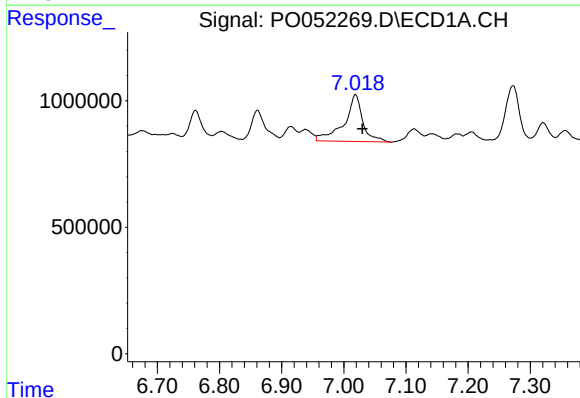
R.T.: 7.559 min
Delta R.T.: -0.011 min
Response: 2425703
Conc: 82.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



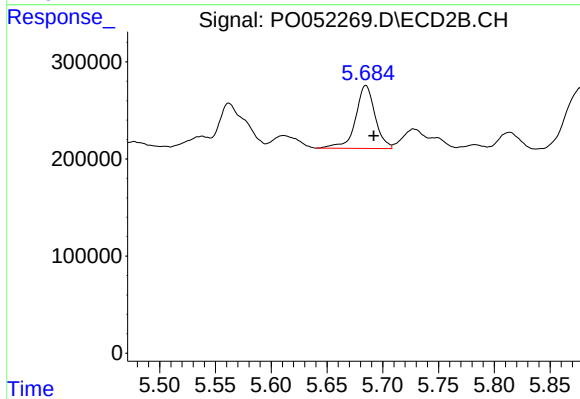
#30 AR-1254-5

R.T.: 6.179 min
Delta R.T.: -0.008 min
Response: 1474078
Conc: 87.46 ng/ml



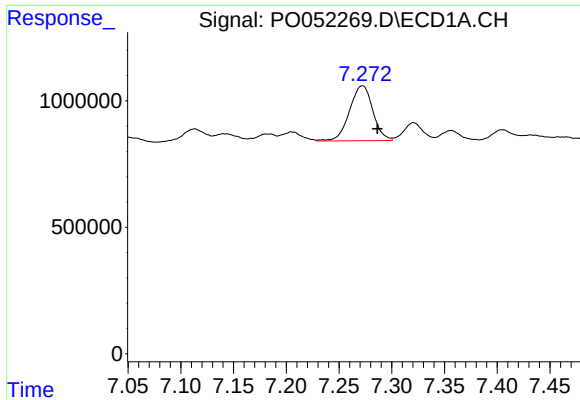
#31 AR-1260-1

R.T.: 7.019 min
Delta R.T.: -0.011 min
Response: 3852287
Conc: 130.51 ng/ml



#31 AR-1260-1

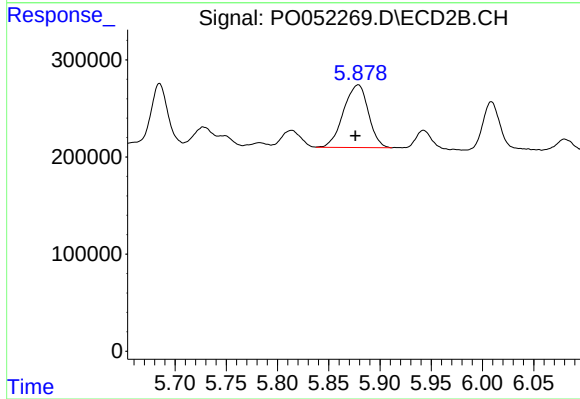
R.T.: 5.685 min
Delta R.T.: -0.007 min
Response: 787902
Conc: 56.35 ng/ml



#32 AR-1260-2

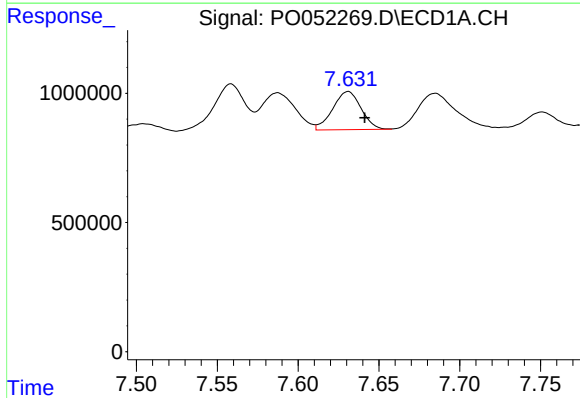
R.T.: 7.272 min
Delta R.T.: -0.014 min
Response: 3330231
Conc: 94.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



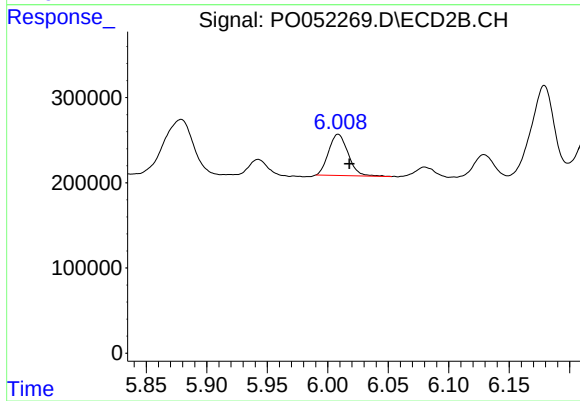
#32 AR-1260-2

R.T.: 5.879 min
Delta R.T.: 0.003 min
Response: 1092726
Conc: 65.45 ng/ml



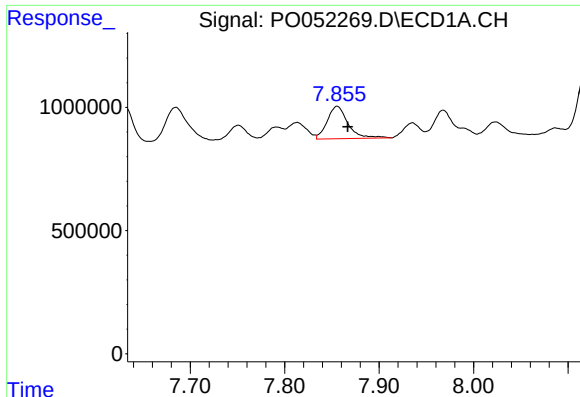
#33 AR-1260-3

R.T.: 7.631 min
Delta R.T.: -0.010 min
Response: 1799959
Conc: 74.42 ng/ml



#33 AR-1260-3

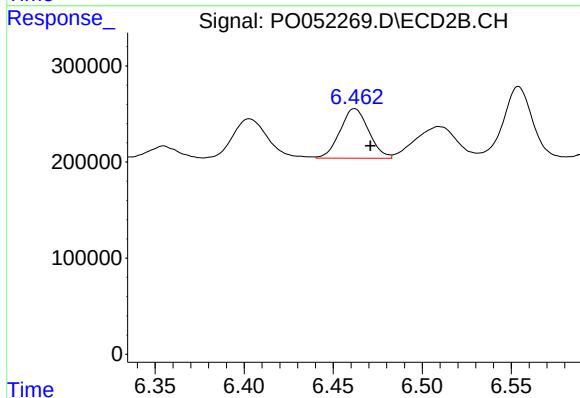
R.T.: 6.009 min
Delta R.T.: -0.009 min
Response: 542532
Conc: 34.26 ng/ml



#34 AR-1260-4

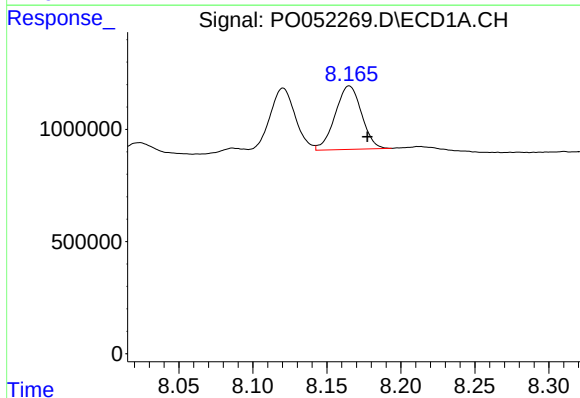
R.T.: 7.856 min
Delta R.T.: -0.011 min
Response: 2014594
Conc: 82.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



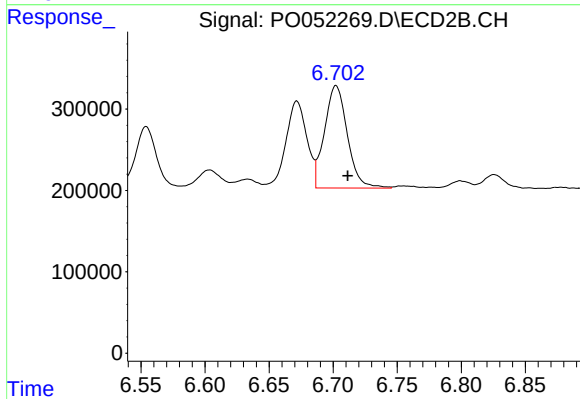
#34 AR-1260-4

R.T.: 6.462 min
Delta R.T.: -0.009 min
Response: 579023
Conc: 55.47 ng/ml



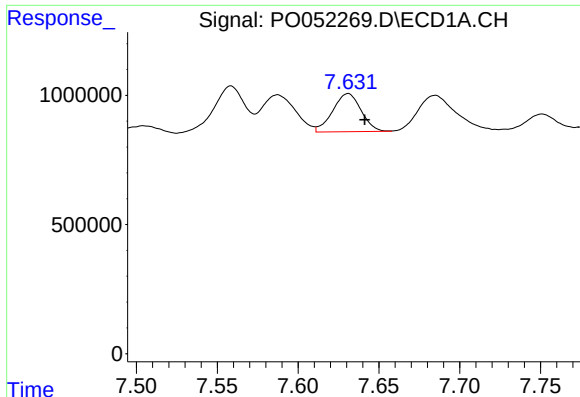
#35 AR-1260-5

R.T.: 8.165 min
Delta R.T.: -0.012 min
Response: 3520131
Conc: 71.64 ng/ml



#35 AR-1260-5

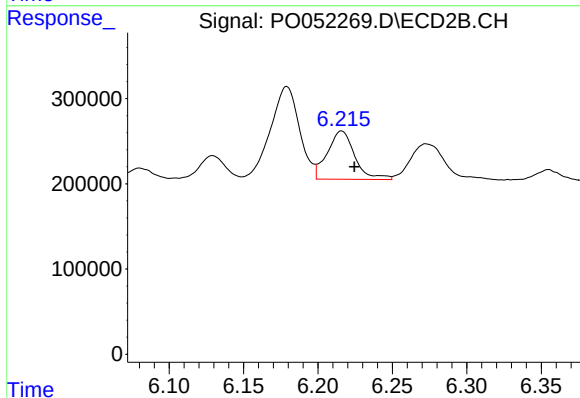
R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 1562500
Conc: 64.62 ng/ml



#36 AR-1262-1

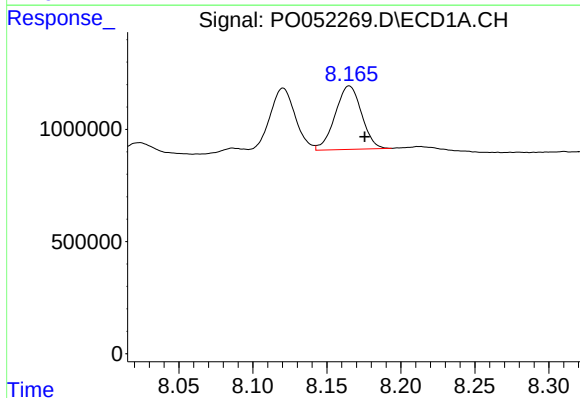
R.T.: 7.631 min
Delta R.T.: -0.010 min
Response: 1799959
Conc: 44.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



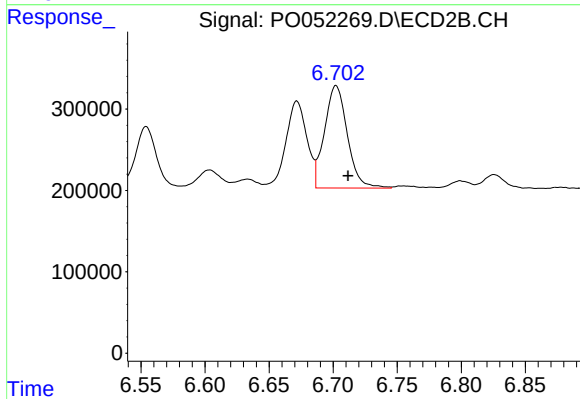
#36 AR-1262-1

R.T.: 6.216 min
Delta R.T.: -0.009 min
Response: 725726
Conc: 39.64 ng/ml



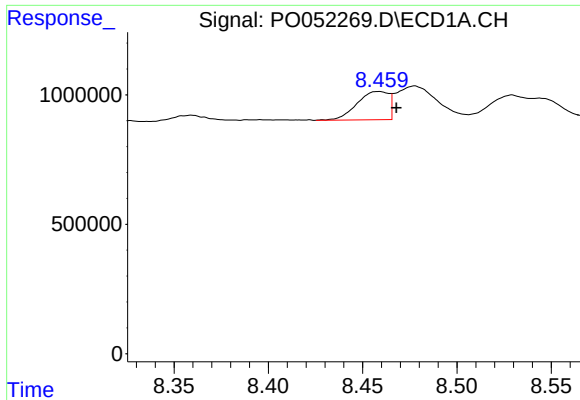
#37 AR-1262-2

R.T.: 8.165 min
Delta R.T.: -0.010 min
Response: 3520131
Conc: 54.27 ng/ml



#37 AR-1262-2

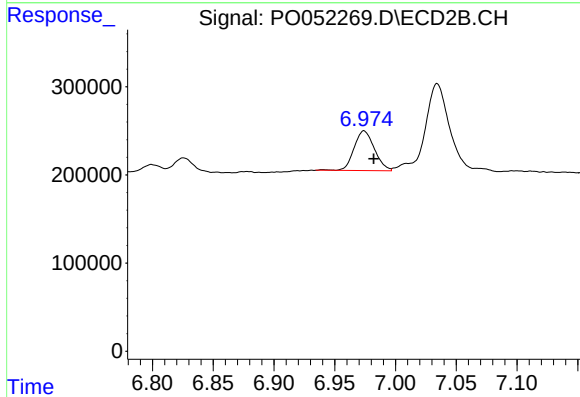
R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 1562500
Conc: 54.03 ng/ml



#38 AR-1262-3

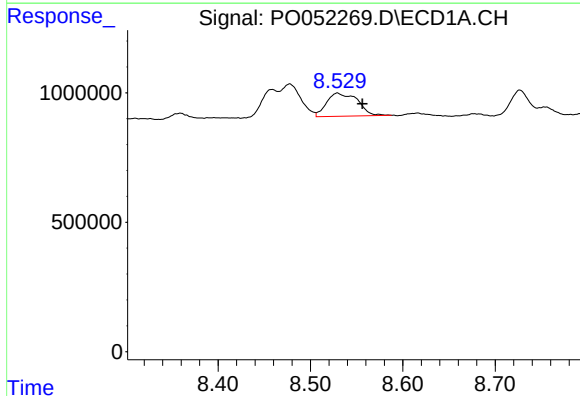
R.T.: 8.458 min
Delta R.T.: -0.010 min
Response: 1277169
Conc: 30.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



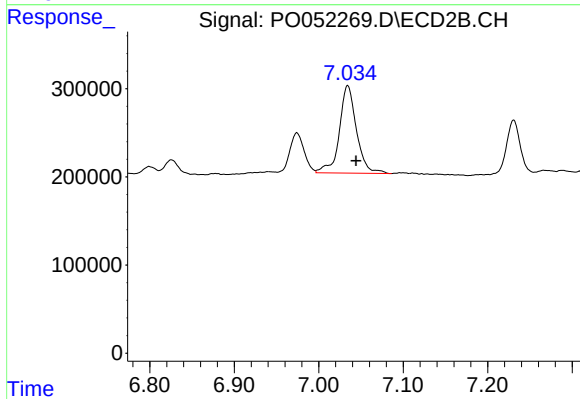
#38 AR-1262-3

R.T.: 6.974 min
Delta R.T.: -0.008 min
Response: 521943
Conc: 44.38 ng/ml



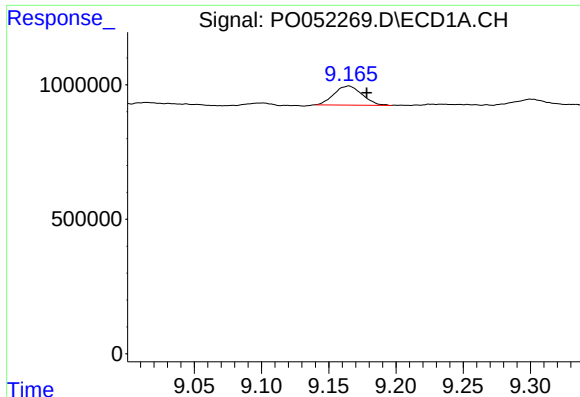
#39 AR-1262-4

R.T.: 8.529 min
Delta R.T.: -0.027 min
Response: 2087158
Conc: 62.82 ng/ml



#39 AR-1262-4

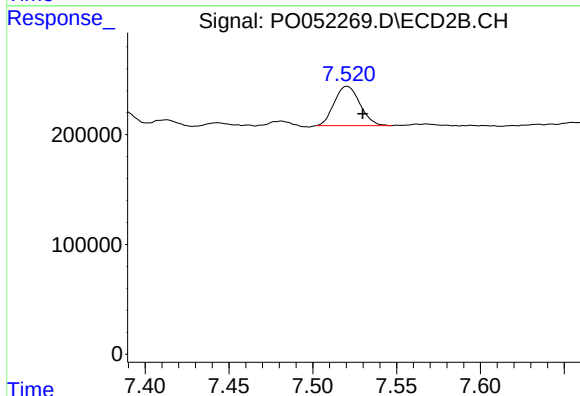
R.T.: 7.034 min
Delta R.T.: -0.010 min
Response: 1397112
Conc: 66.76 ng/ml



#40 AR-1262-5

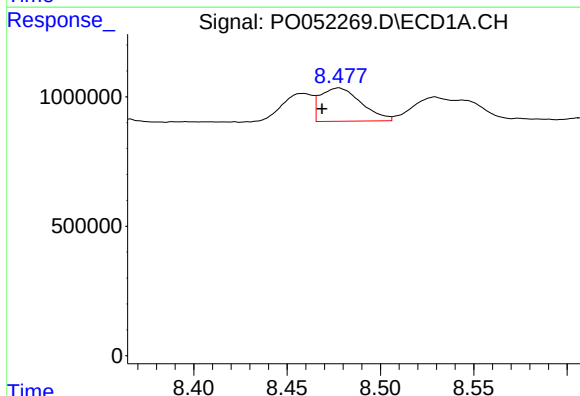
R.T.: 9.165 min
Delta R.T.: -0.013 min
Response: 1020987
Conc: 48.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



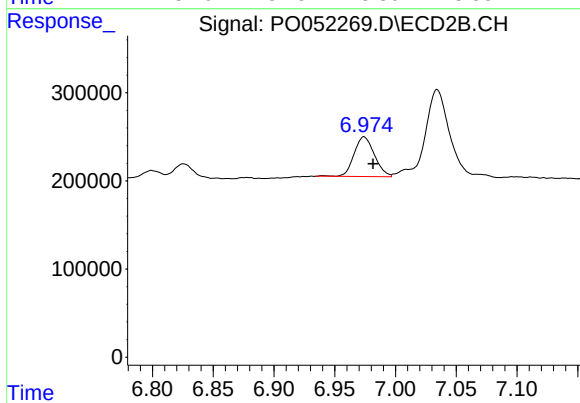
#40 AR-1262-5

R.T.: 7.520 min
Delta R.T.: -0.009 min
Response: 383005
Conc: 45.12 ng/ml



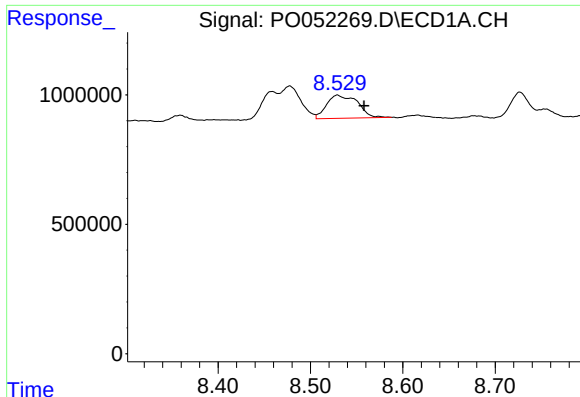
#41 AR-1268-1

R.T.: 8.477 min
Delta R.T.: 0.009 min
Response: 1959896
Conc: 21.02 ng/ml



#41 AR-1268-1

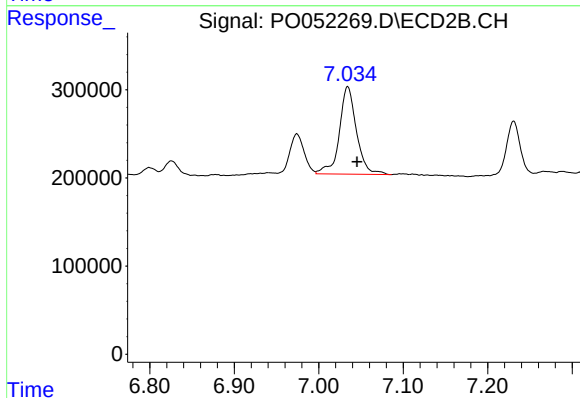
R.T.: 6.974 min
Delta R.T.: -0.007 min
Response: 521943
Conc: 13.21 ng/ml



#42 AR-1268-2

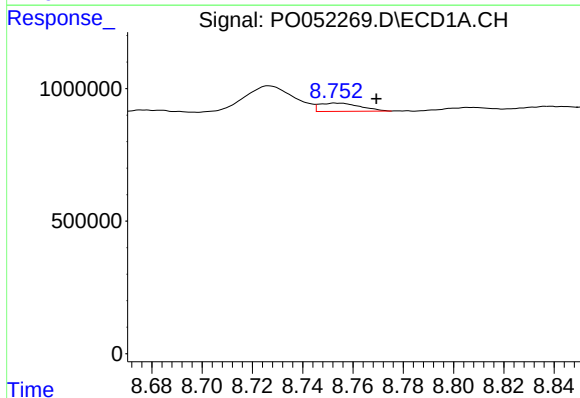
R.T.: 8.529 min
Delta R.T.: -0.029 min
Response: 2087158
Conc: 25.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



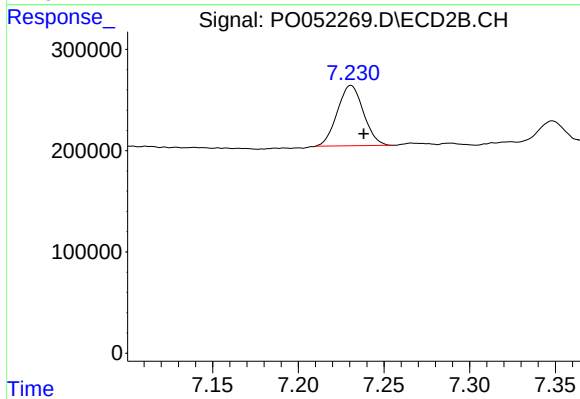
#42 AR-1268-2

R.T.: 7.034 min
Delta R.T.: -0.011 min
Response: 1397112
Conc: 37.26 ng/ml



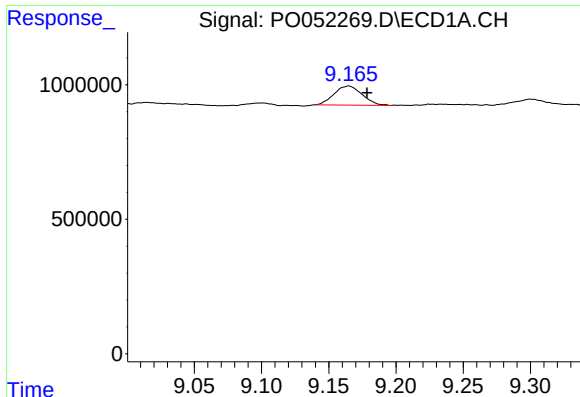
#43 AR-1268-3

R.T.: 8.754 min
Delta R.T.: -0.015 min
Response: 349802
Conc: 4.61 ng/ml



#43 AR-1268-3

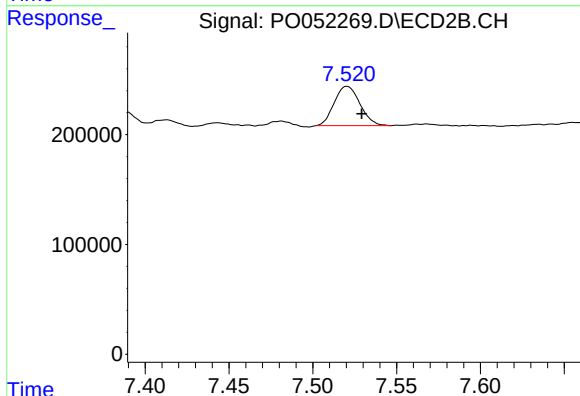
R.T.: 7.231 min
Delta R.T.: -0.007 min
Response: 633770
Conc: 19.39 ng/ml



#44 AR-1268-4

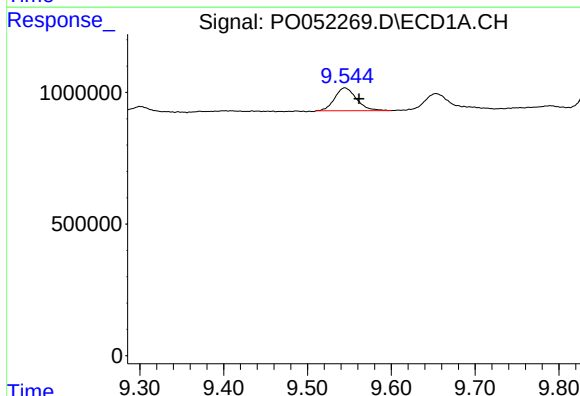
R.T.: 9.165 min
Delta R.T.: -0.014 min
Response: 1020987
Conc: 39.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



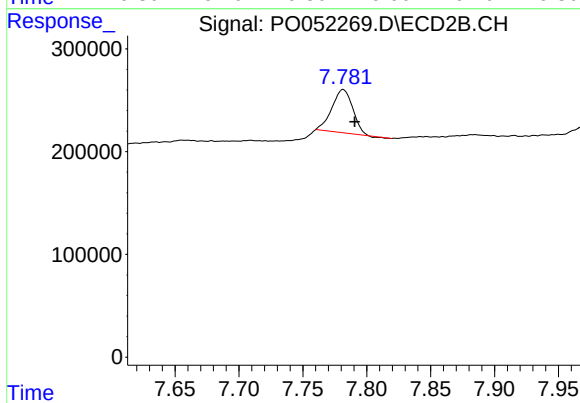
#44 AR-1268-4

R.T.: 7.520 min
Delta R.T.: -0.009 min
Response: 383005
Conc: 34.60 ng/ml



#45 AR-1268-5

R.T.: 9.545 min
Delta R.T.: -0.017 min
Response: 1566173
Conc: 7.63 ng/ml



#45 AR-1268-5

R.T.: 7.782 min
Delta R.T.: -0.009 min
Response: 474224
Conc: 5.42 ng/ml