

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091224\
 Data File : P0106518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2024 06:38
 Operator : YP/AJ
 Sample : P3960-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 1077

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 07:23:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090924.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 10 09:57:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

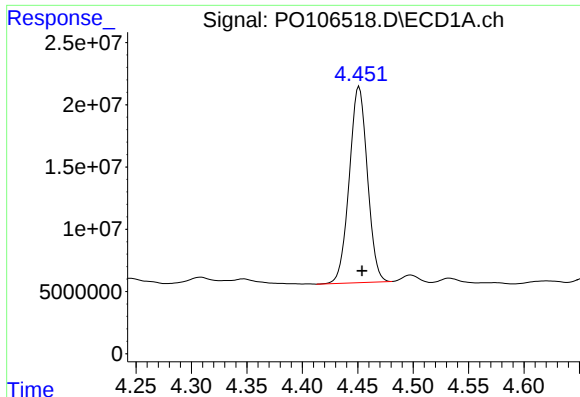
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.451	3.713	179.0E6	63994085	23.862	23.957
2)	SA Decachlor...	10.192	8.736	123.9E6	50340076	25.070	25.167
Target Compounds							
4)	L1 AR-1016-2	5.651	4.801	123.2E6	-1917949	345.982	N.D. #
5)	L1 AR-1016-3	5.706	5.011	3493858	2425009	16.031	35.154 #
7)	L1 AR-1016-5	6.079	5.275	25129687	30235076	145.603	423.249 #
8)	L2 AR-1221-1	4.659	3.923	8749891	1758123	94.709	58.136 #
9)	L2 AR-1221-2	4.761	4.015	9276401	530054	130.924	23.415 #
10)	L2 AR-1221-3	4.818	4.078	4024366	3184342	19.874	44.832 #
11)	L3 AR-1232-1	4.818	4.078	4024366	3184342	23.026	52.738 #
12)	L3 AR-1232-2	5.339	4.801	3824221	-1917949	40.997	N.D. #
13)	L3 AR-1232-3	5.651	5.011	123.2E6	2425009	750.993	77.844 #
15)	L3 AR-1232-5	5.911	5.275	-42161200	30235076	N.D.	1031.677 #
17)	L4 AR-1242-2	5.651	4.801	123.2E6	-1917949	446.999	N.D. #
18)	L4 AR-1242-3	5.706	5.011	3493858	2425009	20.368	45.201 #
20)	L4 AR-1242-5	6.550	5.588	110.1E6	4474524	791.327	64.066 #
23)	L5 AR-1248-3	6.079	5.079	25129687	2883505	105.237	35.084 #
24)	L5 AR-1248-4	6.492	5.239	15678788	3352657	59.708	34.147 #
25)	L5 AR-1248-5	6.550	5.647	110.1E6	17012362	438.866	175.650 #
26)	L6 AR-1254-1	6.492	5.588	15678788	4474524	60.162	31.766 #
27)	L6 AR-1254-2	6.691	5.774	5549548	2850023	14.242	22.369 #
28)	L6 AR-1254-3	7.050	6.161	7198066	3086874	18.461	15.333
29)	L6 AR-1254-4	7.337	6.381	1682815	2162268	5.791	17.376 #
30)	L6 AR-1254-5	7.749	6.801	4919028	580478	16.163	3.241 #
31)	L7 AR-1260-1	7.208	6.280	530757	355317	1.881	2.747 #
32)	L7 AR-1260-2	7.480	6.492	2452732	928547	7.352	5.851
33)	L7 AR-1260-3	7.832	6.607	9988924	2268983	44.255	14.710 #
34)	L7 AR-1260-4	8.077	7.092	7226393	5455291	26.119	51.312 #
35)	L7 AR-1260-5	8.321f	7.320	24707307	20070868	50.052	78.029 #
36)	L8 AR-1262-1	7.749	6.801	4919028	580478	20.040	5.905 #
37)	L8 AR-1262-2	8.321f	7.092	24707307	5455291	39.151	34.744
38)	L8 AR-1262-3	8.678	7.649	8020000	12041221	18.237	98.934 #
39)	L8 AR-1262-4	8.770	7.690	1611790	598770	4.845	2.535 #
40)	L8 AR-1262-5	9.434	8.176	49162	88047	0.210	0.842 #
41)	L9 AR-1268-1	8.678	7.649	8020000	12041221	10.801	33.315 #
42)	L9 AR-1268-2	8.770	7.690	1611790	598770	2.396	1.832
43)	L9 AR-1268-3	9.022	7.896	16361	1228265	0.029	4.552 #
44)	L9 AR-1268-4	9.434	8.176	49162	88047	0.199	0.774 #
45)	L9 AR-1268-5	9.852	8.478	2995340	389966	1.625	0.463 #

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

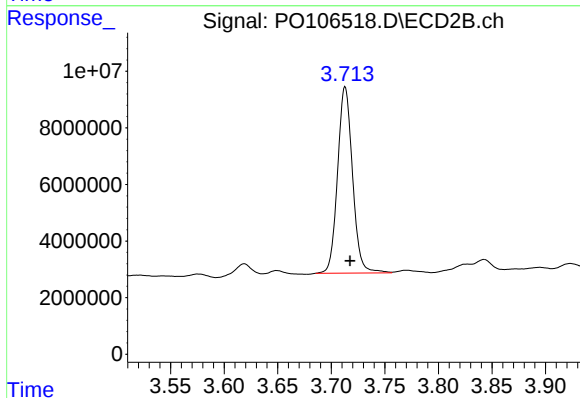
Instrument :
ECD_O
ClientSampleId :
1077



#1 Tetrachloro-m-xylene

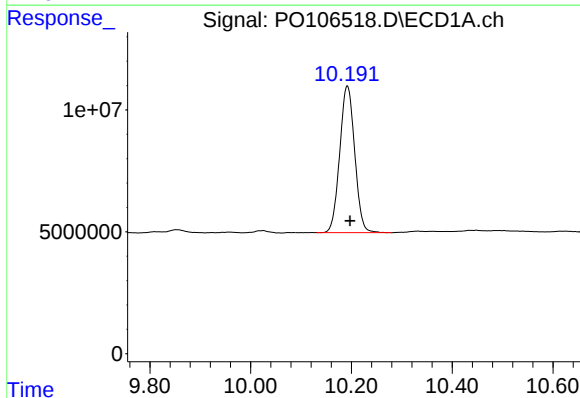
R.T.: 4.451 min
Delta R.T.: -0.003 min
Response: 178994144
Conc: 23.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



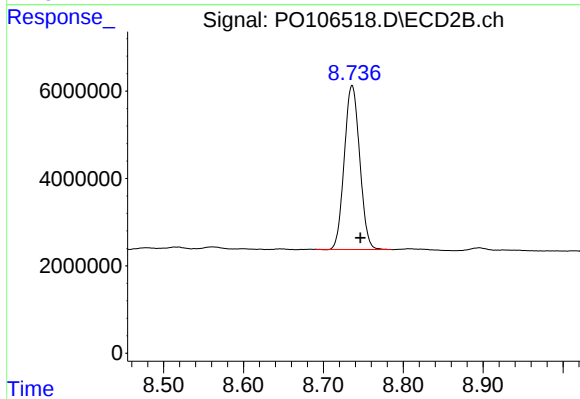
#1 Tetrachloro-m-xylene

R.T.: 3.713 min
Delta R.T.: -0.005 min
Response: 63994085
Conc: 23.96 ng/ml



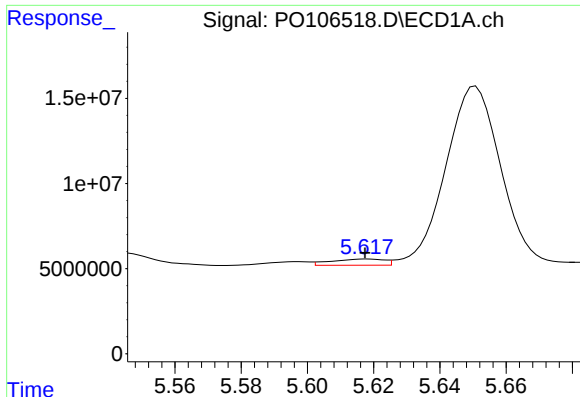
#2 Decachlorobiphenyl

R.T.: 10.192 min
Delta R.T.: -0.005 min
Response: 123918714
Conc: 25.07 ng/ml



#2 Decachlorobiphenyl

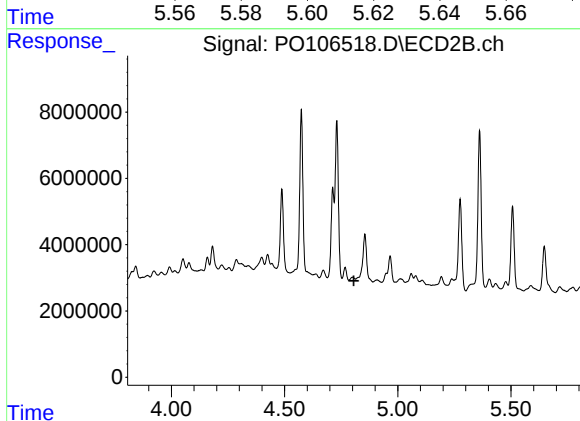
R.T.: 8.736 min
Delta R.T.: -0.010 min
Response: 50340076
Conc: 25.17 ng/ml



#3 AR-1016-1

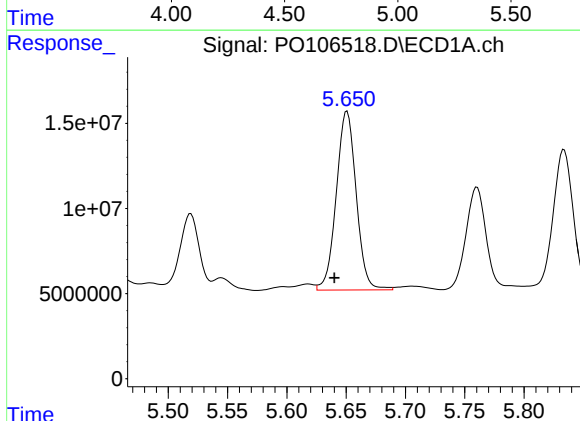
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 4095854
Conc: 16.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



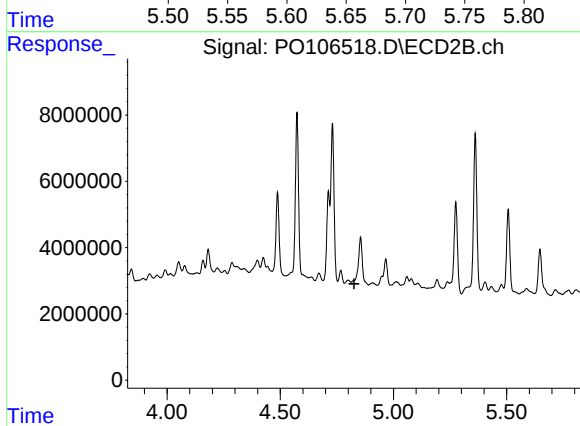
#3 AR-1016-1

R.T.: 4.801 min
Delta R.T.: -0.005 min
Response: -1917949
Conc: N.D.



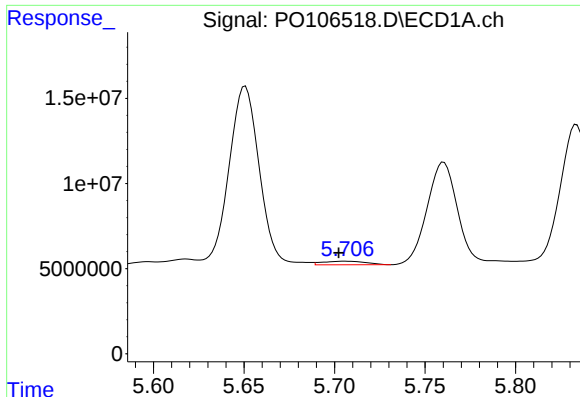
#4 AR-1016-2

R.T.: 5.651 min
Delta R.T.: 0.011 min
Response: 123152692
Conc: 345.98 ng/ml



#4 AR-1016-2

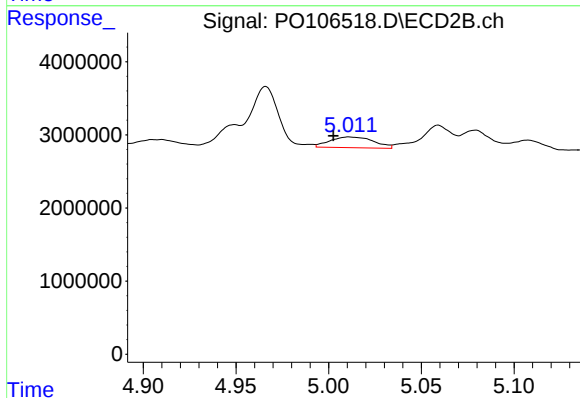
R.T.: 4.801 min
Delta R.T.: -0.025 min
Response: -1917949
Conc: N.D.



#5 AR-1016-3

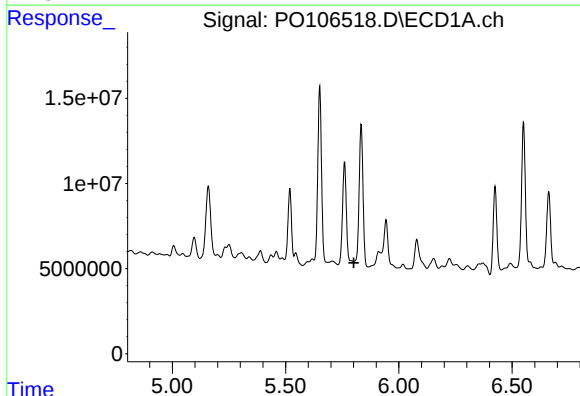
R.T.: 5.706 min
Delta R.T.: 0.004 min
Response: 3493858
Conc: 16.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



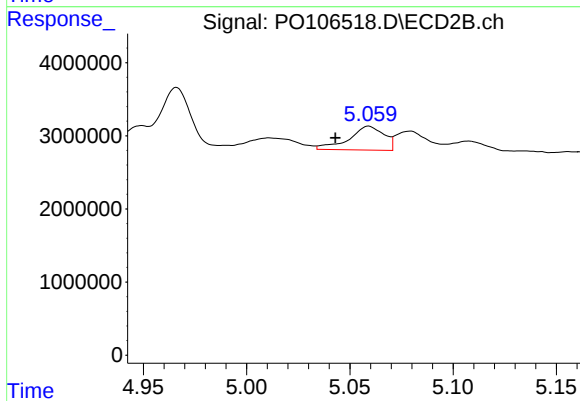
#5 AR-1016-3

R.T.: 5.011 min
Delta R.T.: 0.008 min
Response: 2425009
Conc: 35.15 ng/ml



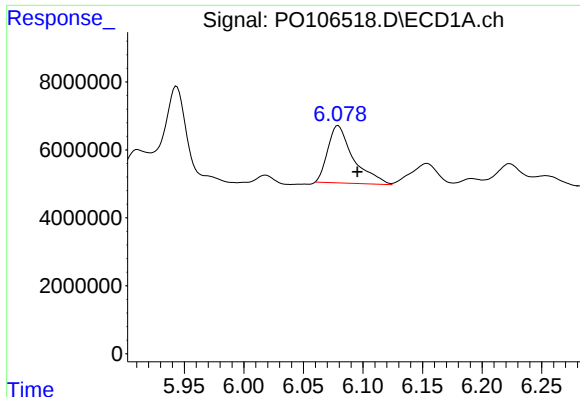
#6 AR-1016-4

R.T.: 5.834 min
Delta R.T.: 0.033 min
Response: -15341403
Conc: N.D.



#6 AR-1016-4

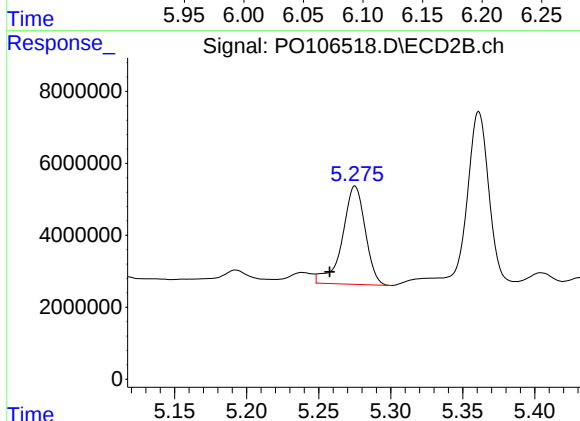
R.T.: 5.059 min
Delta R.T.: 0.016 min
Response: 3846284
Conc: 72.42 ng/ml



#7 AR-1016-5

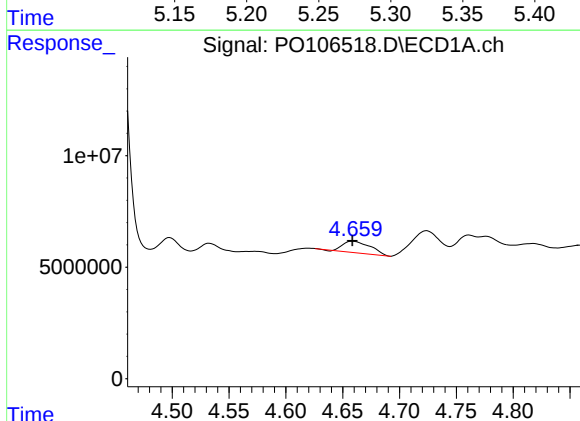
R.T.: 6.079 min
Delta R.T.: -0.016 min
Response: 25129687
Conc: 145.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



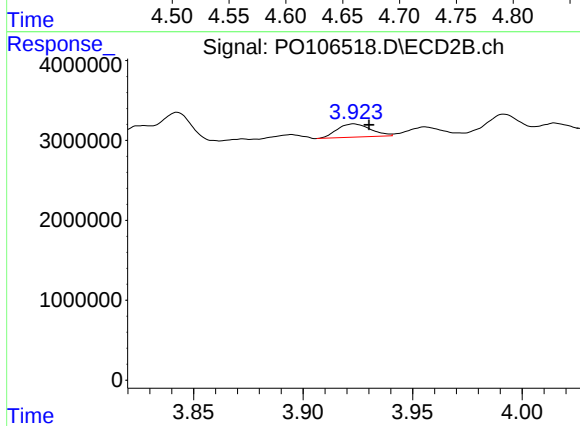
#7 AR-1016-5

R.T.: 5.275 min
Delta R.T.: 0.018 min
Response: 30235076
Conc: 423.25 ng/ml



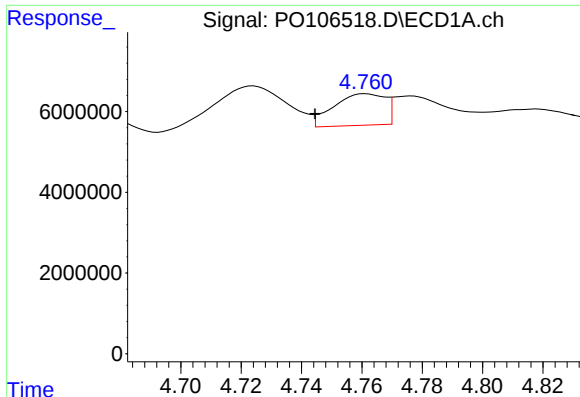
#8 AR-1221-1

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 8749891
Conc: 94.71 ng/ml



#8 AR-1221-1

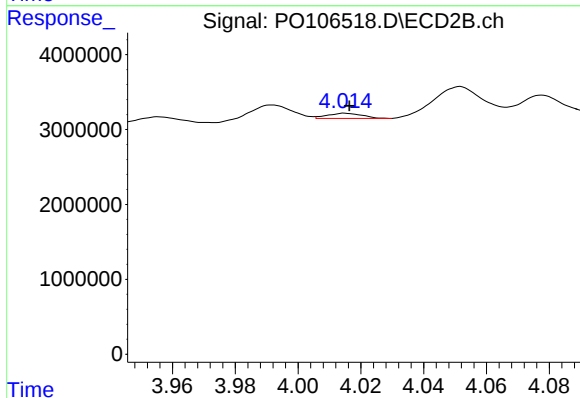
R.T.: 3.923 min
Delta R.T.: -0.007 min
Response: 1758123
Conc: 58.14 ng/ml



#9 AR-1221-2

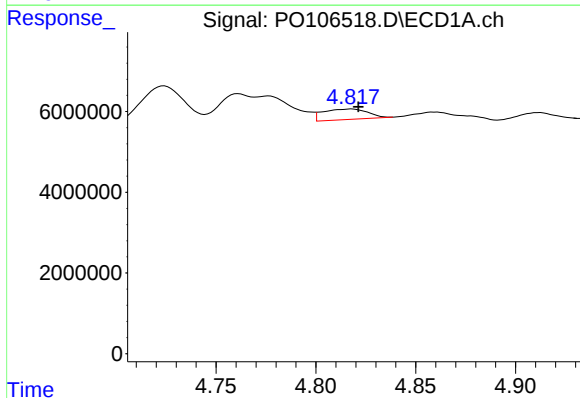
R.T.: 4.761 min
Delta R.T.: 0.017 min
Response: 9276401
Conc: 130.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



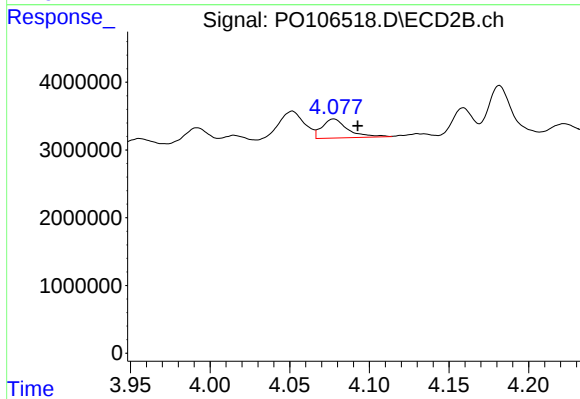
#9 AR-1221-2

R.T.: 4.015 min
Delta R.T.: -0.001 min
Response: 530054
Conc: 23.42 ng/ml



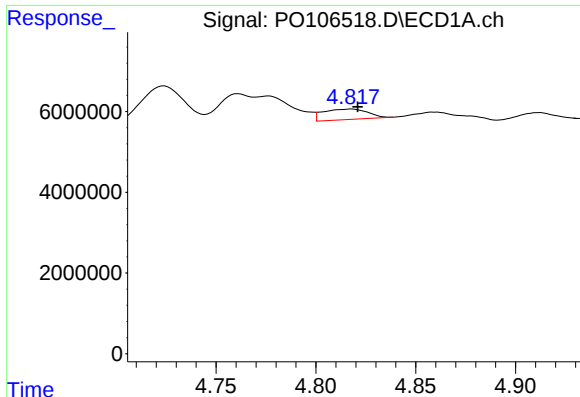
#10 AR-1221-3

R.T.: 4.818 min
Delta R.T.: -0.003 min
Response: 4024366
Conc: 19.87 ng/ml



#10 AR-1221-3

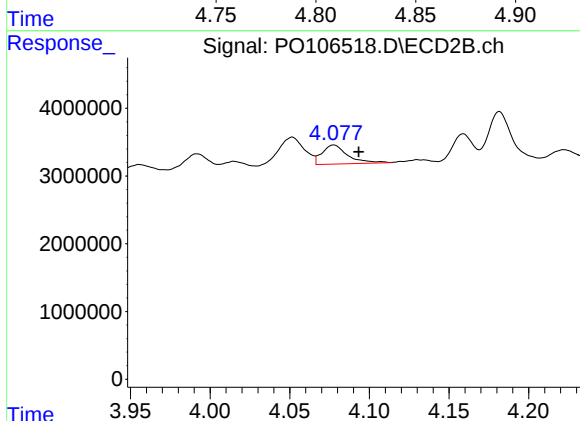
R.T.: 4.078 min
Delta R.T.: -0.015 min
Response: 3184342
Conc: 44.83 ng/ml



#11 AR-1232-1

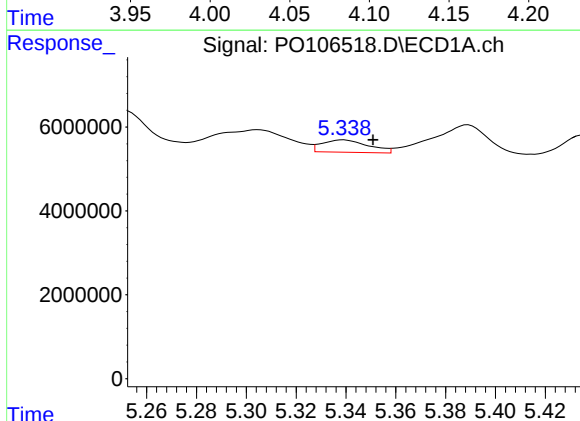
R.T.: 4.818 min
Delta R.T.: -0.003 min
Response: 4024366
Conc: 23.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



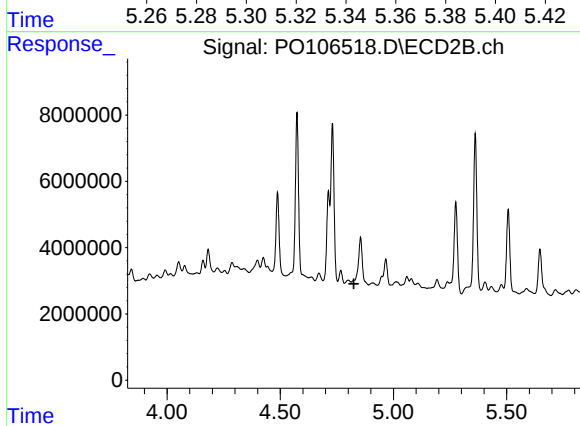
#11 AR-1232-1

R.T.: 4.078 min
Delta R.T.: -0.016 min
Response: 3184342
Conc: 52.74 ng/ml



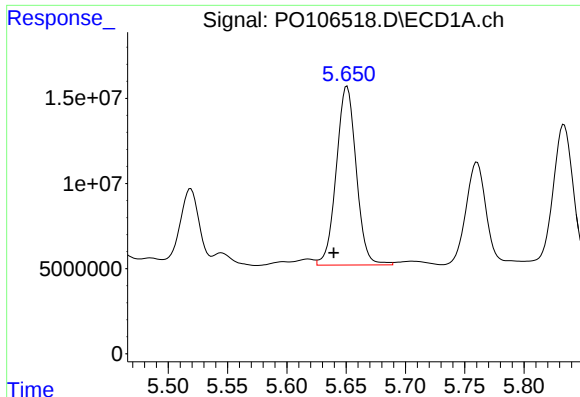
#12 AR-1232-2

R.T.: 5.339 min
Delta R.T.: -0.012 min
Response: 3824221
Conc: 41.00 ng/ml



#12 AR-1232-2

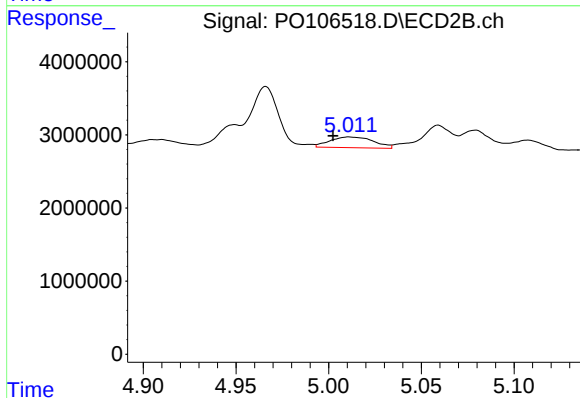
R.T.: 4.801 min
Delta R.T.: -0.025 min
Response: -1917949
Conc: N.D.



#13 AR-1232-3

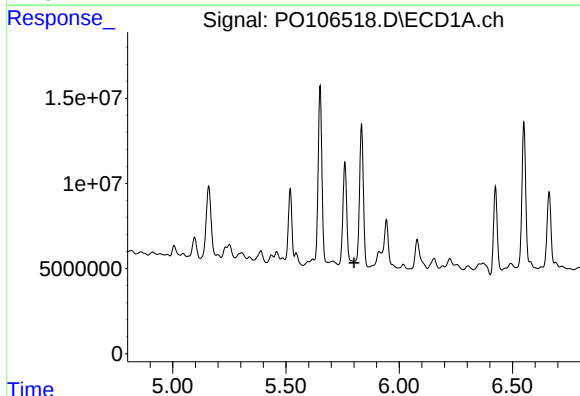
R.T.: 5.651 min
Delta R.T.: 0.011 min
Response: 123152692
Conc: 750.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



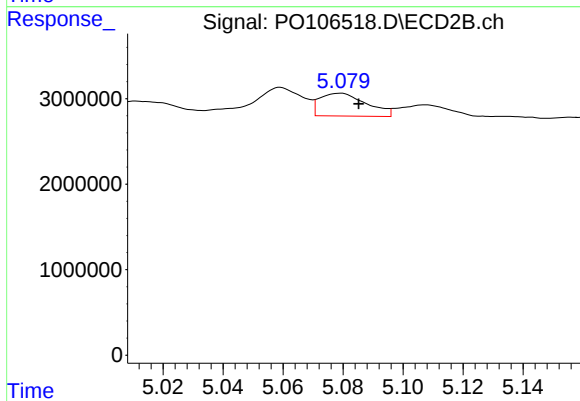
#13 AR-1232-3

R.T.: 5.011 min
Delta R.T.: 0.009 min
Response: 2425009
Conc: 77.84 ng/ml



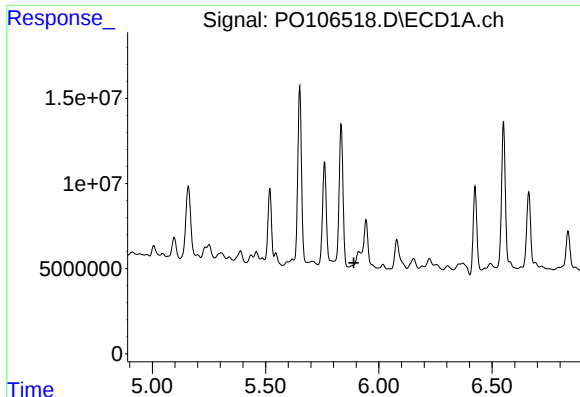
#14 AR-1232-4

R.T.: 5.834 min
Delta R.T.: 0.033 min
Response: -15341403
Conc: N.D.



#14 AR-1232-4

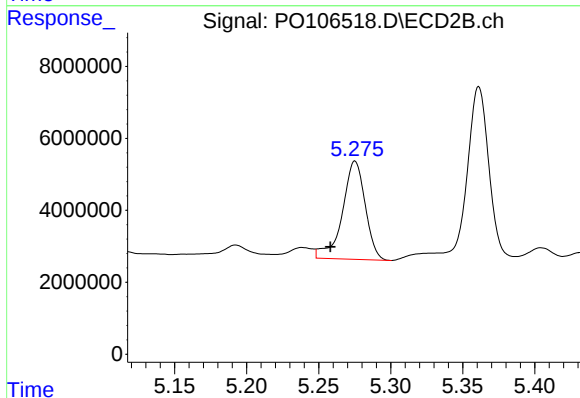
R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 2883505
Conc: 105.51 ng/ml



#15 AR-1232-5

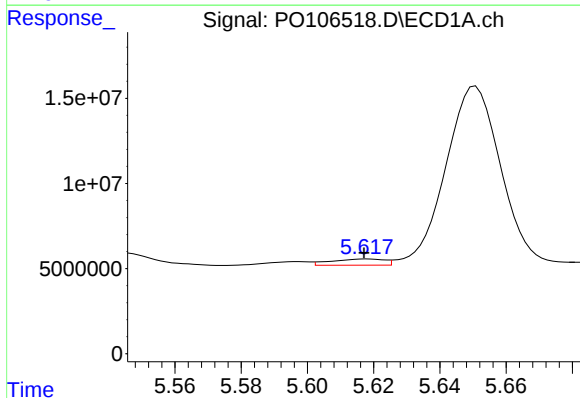
R.T.: 5.911 min
Delta R.T.: 0.021 min
Response: -42161200
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
1077



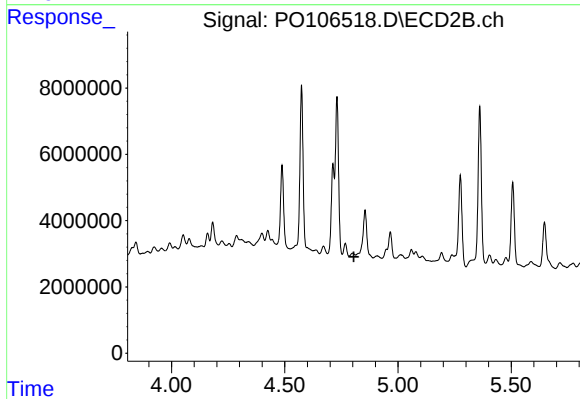
#15 AR-1232-5

R.T.: 5.275 min
Delta R.T.: 0.017 min
Response: 30235076
Conc: 1031.68 ng/ml



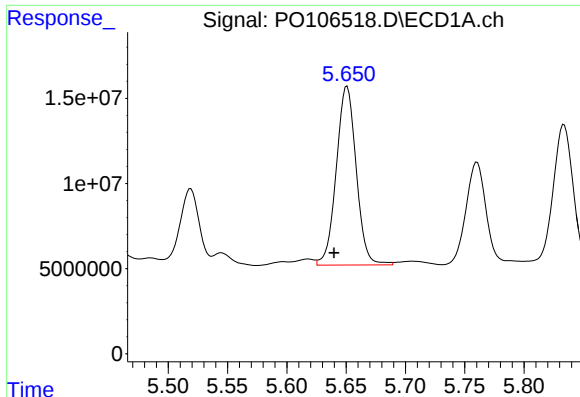
#16 AR-1242-1

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 4095854
Conc: 20.45 ng/ml



#16 AR-1242-1

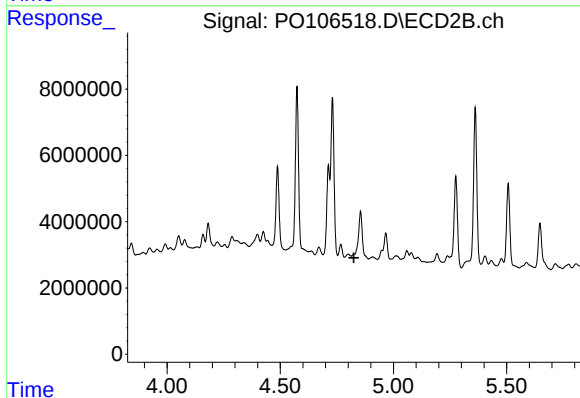
R.T.: 4.801 min
Delta R.T.: -0.004 min
Response: -1917949
Conc: N.D.



#17 AR-1242-2

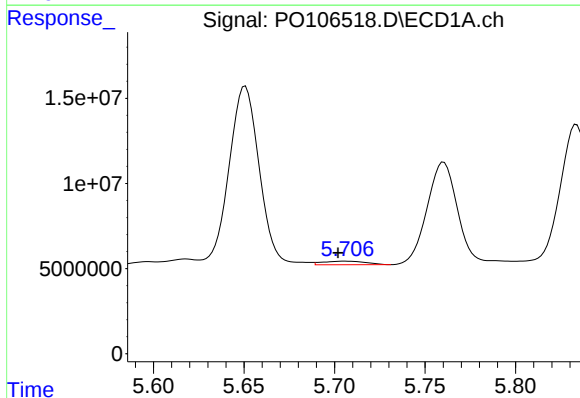
R.T.: 5.651 min
Delta R.T.: 0.011 min
Response: 123152692
Conc: 447.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



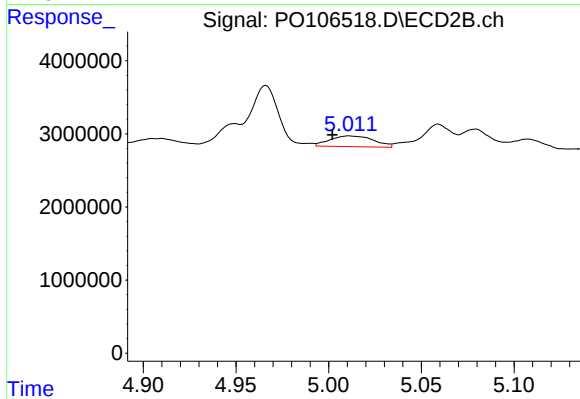
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: -0.024 min
Response: -1917949
Conc: N.D.



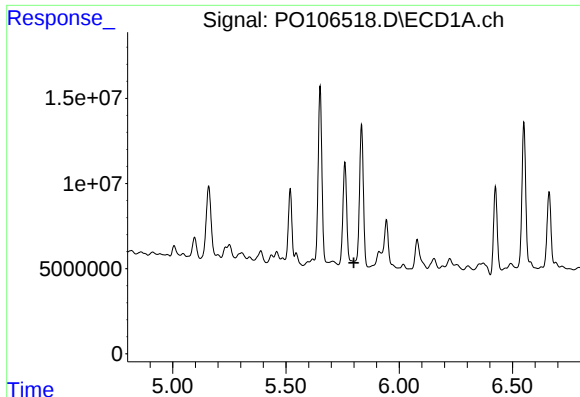
#18 AR-1242-3

R.T.: 5.706 min
Delta R.T.: 0.004 min
Response: 3493858
Conc: 20.37 ng/ml



#18 AR-1242-3

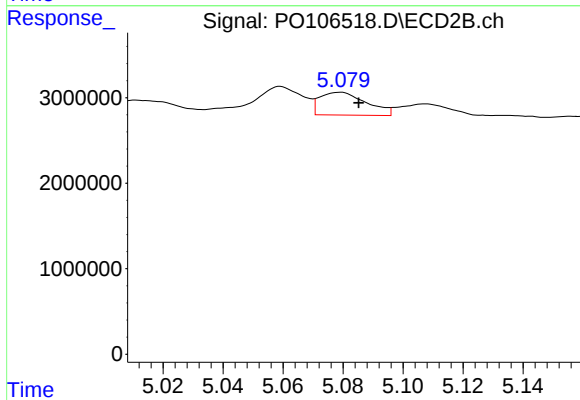
R.T.: 5.011 min
Delta R.T.: 0.009 min
Response: 2425009
Conc: 45.20 ng/ml



#19 AR-1242-4

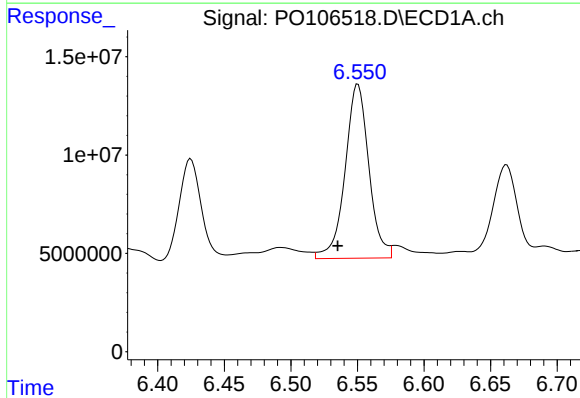
R.T.: 5.834 min
Delta R.T.: 0.034 min
Response: -15341403
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
1077



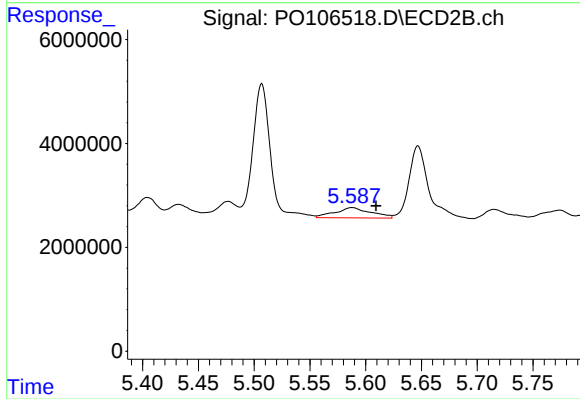
#19 AR-1242-4

R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 2883505
Conc: 54.37 ng/ml



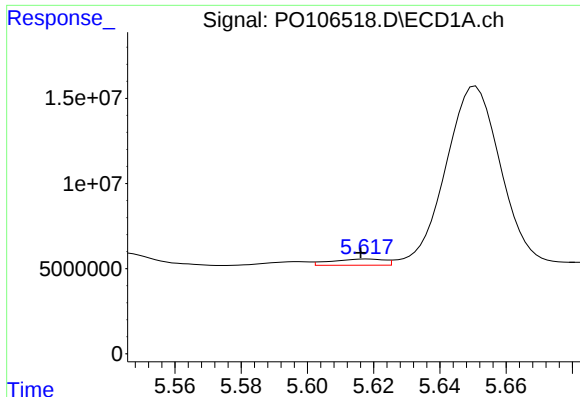
#20 AR-1242-5

R.T.: 6.550 min
Delta R.T.: 0.015 min
Response: 110056947
Conc: 791.33 ng/ml



#20 AR-1242-5

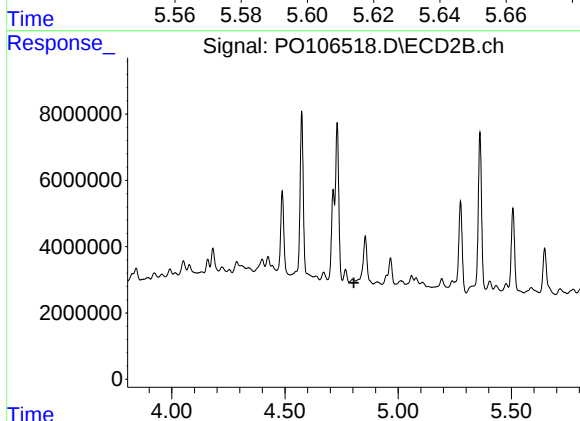
R.T.: 5.588 min
Delta R.T.: -0.021 min
Response: 4474524
Conc: 64.07 ng/ml



#21 AR-1248-1

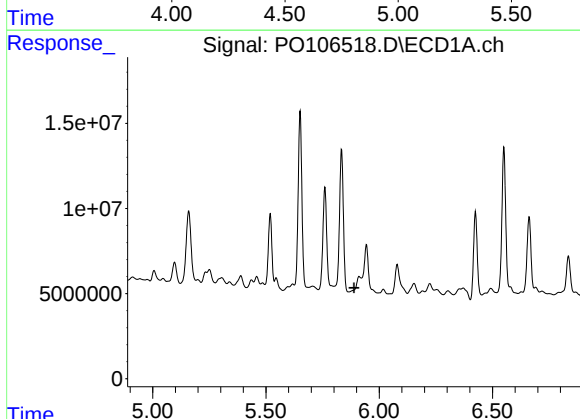
R.T.: 5.618 min
Delta R.T.: 0.002 min
Response: 4095854
Conc: 25.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



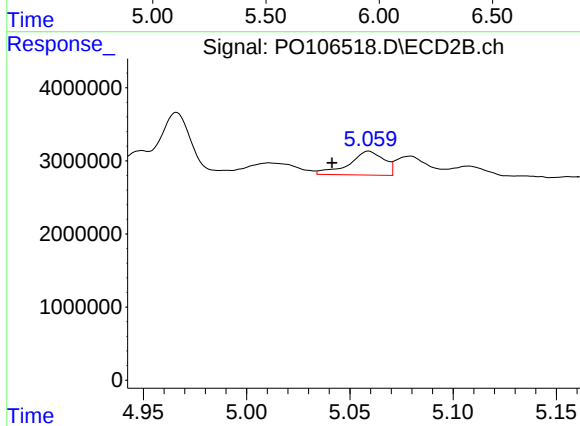
#21 AR-1248-1

R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: -1917949
Conc: N.D.



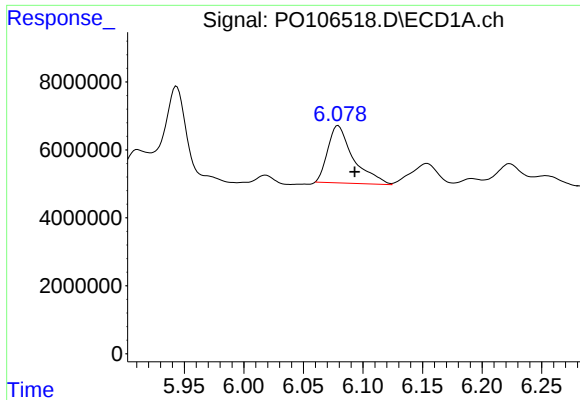
#22 AR-1248-2

R.T.: 5.911 min
Delta R.T.: 0.022 min
Response: -42161200
Conc: N.D.



#22 AR-1248-2

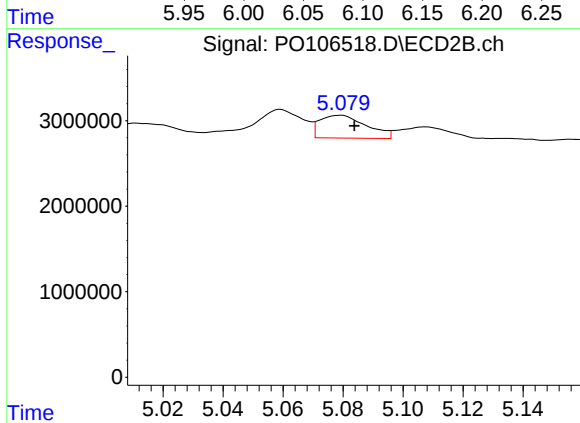
R.T.: 5.059 min
Delta R.T.: 0.018 min
Response: 3846284
Conc: 49.21 ng/ml



#23 AR-1248-3

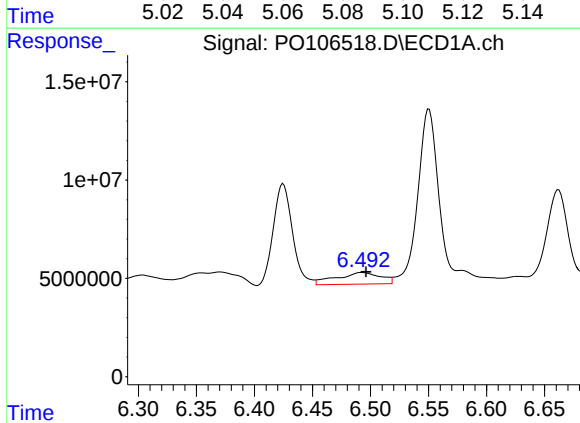
R.T.: 6.079 min
Delta R.T.: -0.014 min
Response: 25129687
Conc: 105.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



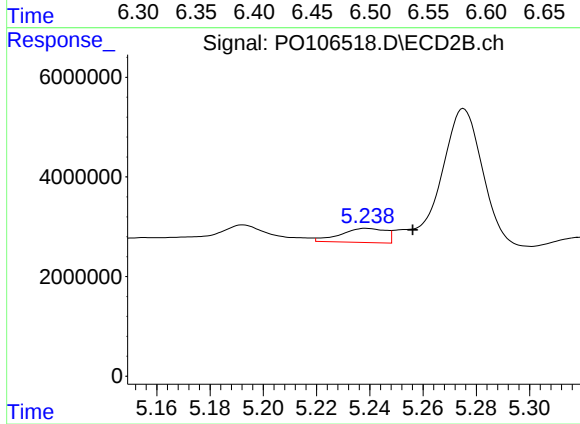
#23 AR-1248-3

R.T.: 5.079 min
Delta R.T.: -0.005 min
Response: 2883505
Conc: 35.08 ng/ml



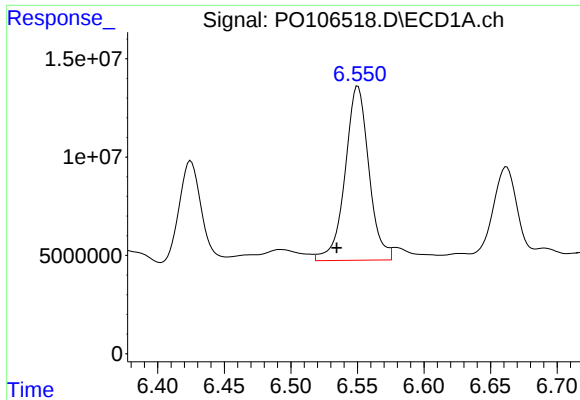
#24 AR-1248-4

R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 15678788
Conc: 59.71 ng/ml



#24 AR-1248-4

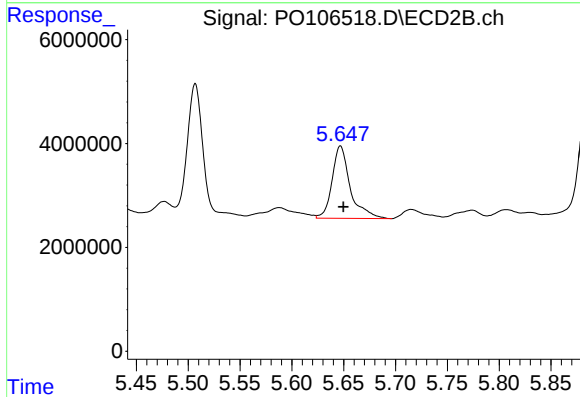
R.T.: 5.239 min
Delta R.T.: -0.017 min
Response: 3352657
Conc: 34.15 ng/ml



#25 AR-1248-5

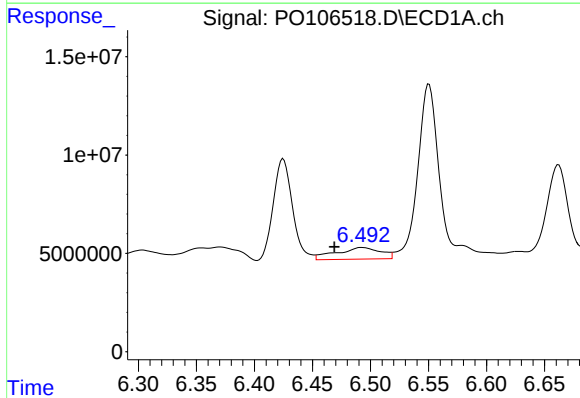
R.T.: 6.550 min
Delta R.T.: 0.016 min
Response: 110056947
Conc: 438.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



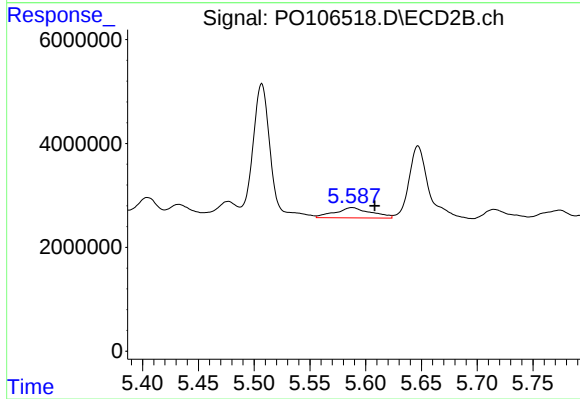
#25 AR-1248-5

R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 17012362
Conc: 175.65 ng/ml



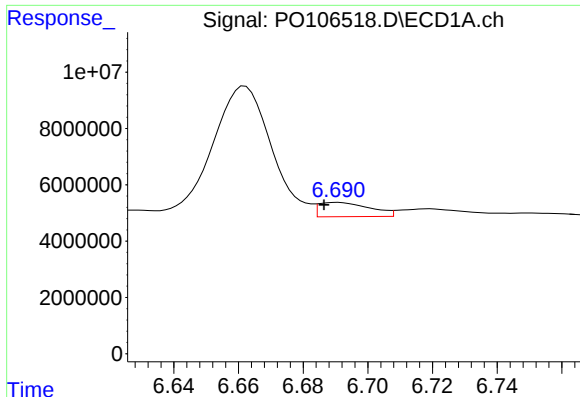
#26 AR-1254-1

R.T.: 6.492 min
Delta R.T.: 0.023 min
Response: 15678788
Conc: 60.16 ng/ml



#26 AR-1254-1

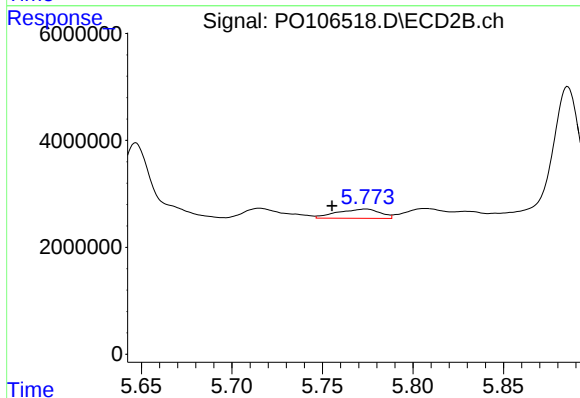
R.T.: 5.588 min
Delta R.T.: -0.020 min
Response: 4474524
Conc: 31.77 ng/ml



#27 AR-1254-2

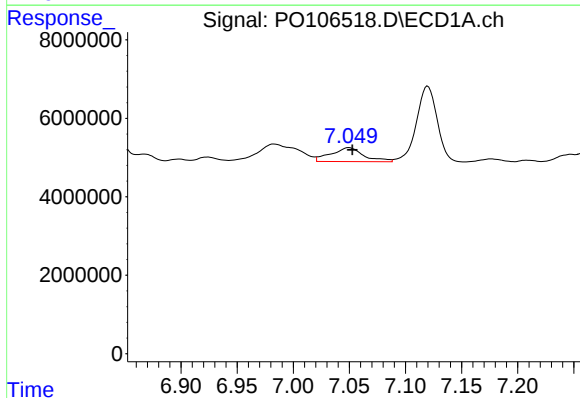
R.T.: 6.691 min
Delta R.T.: 0.004 min
Response: 5549548
Conc: 14.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



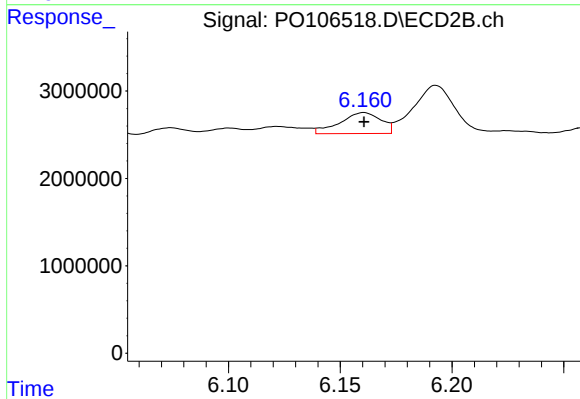
#27 AR-1254-2

R.T.: 5.774 min
Delta R.T.: 0.019 min
Response: 2850023
Conc: 22.37 ng/ml



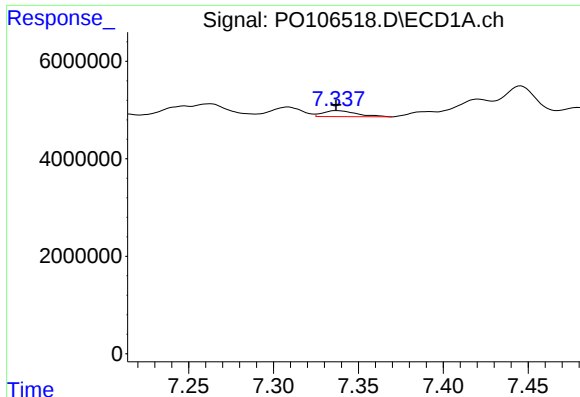
#28 AR-1254-3

R.T.: 7.050 min
Delta R.T.: -0.003 min
Response: 7198066
Conc: 18.46 ng/ml



#28 AR-1254-3

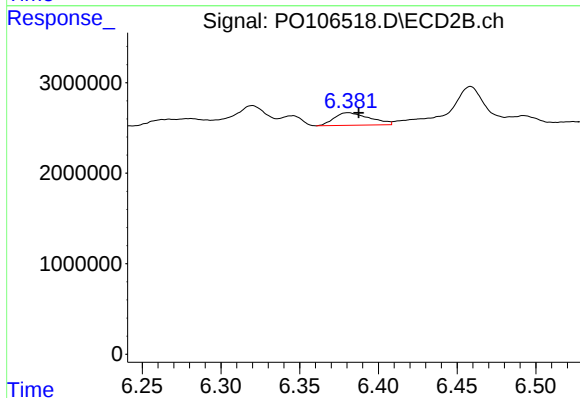
R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 3086874
Conc: 15.33 ng/ml



#29 AR-1254-4

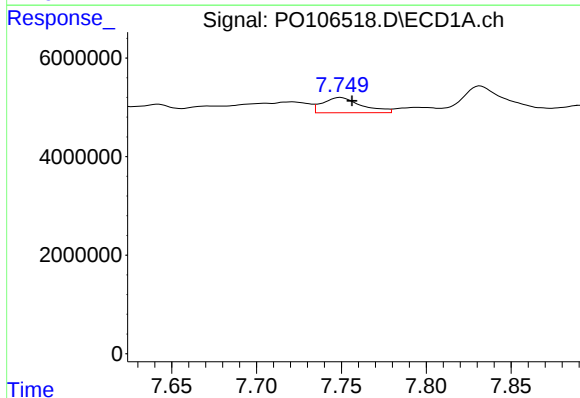
R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 1682815
Conc: 5.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



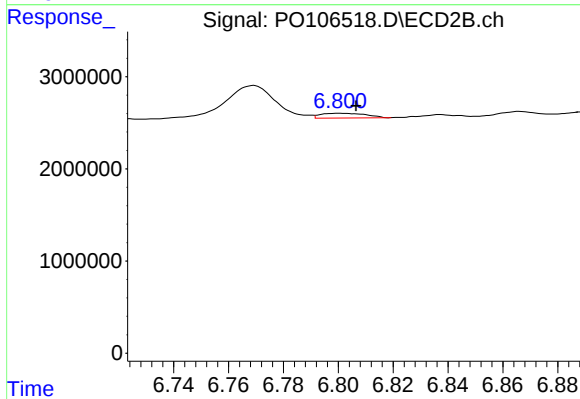
#29 AR-1254-4

R.T.: 6.381 min
Delta R.T.: -0.007 min
Response: 2162268
Conc: 17.38 ng/ml



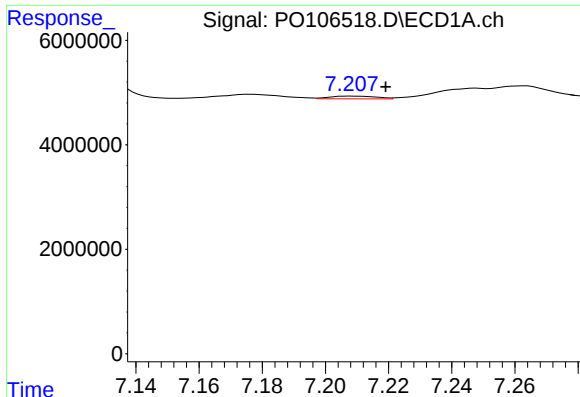
#30 AR-1254-5

R.T.: 7.749 min
Delta R.T.: -0.007 min
Response: 4919028
Conc: 16.16 ng/ml



#30 AR-1254-5

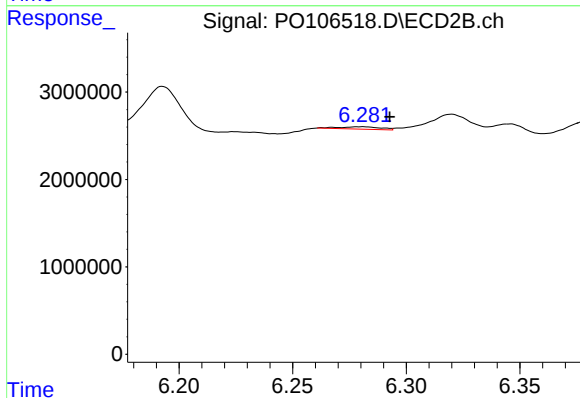
R.T.: 6.801 min
Delta R.T.: -0.006 min
Response: 580478
Conc: 3.24 ng/ml



#31 AR-1260-1

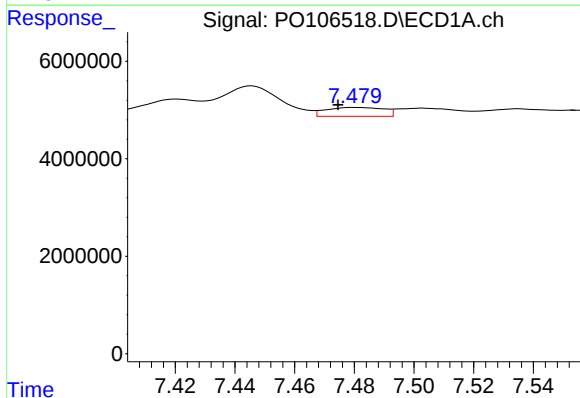
R.T.: 7.208 min
Delta R.T.: -0.011 min
Response: 530757
Conc: 1.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



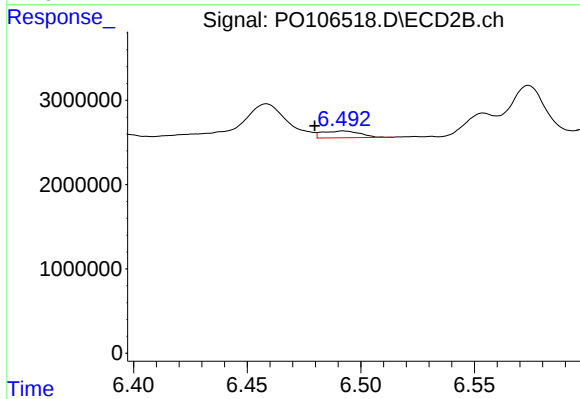
#31 AR-1260-1

R.T.: 6.280 min
Delta R.T.: -0.012 min
Response: 355317
Conc: 2.75 ng/ml



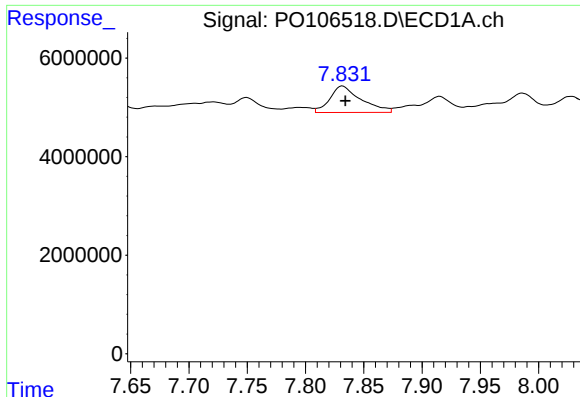
#32 AR-1260-2

R.T.: 7.480 min
Delta R.T.: 0.006 min
Response: 2452732
Conc: 7.35 ng/ml



#32 AR-1260-2

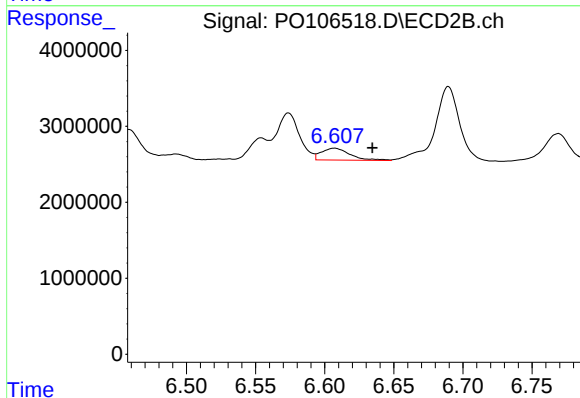
R.T.: 6.492 min
Delta R.T.: 0.013 min
Response: 928547
Conc: 5.85 ng/ml



#33 AR-1260-3

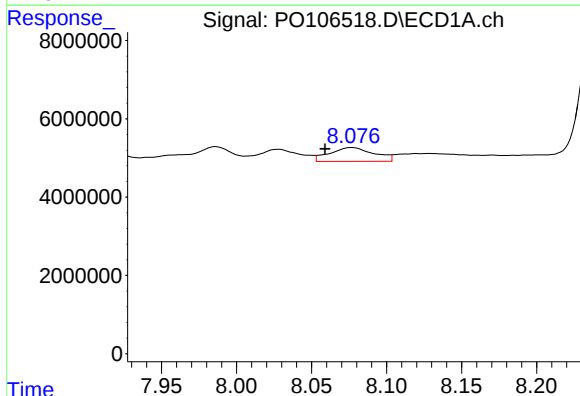
R.T.: 7.832 min
Delta R.T.: -0.002 min
Response: 9988924
Conc: 44.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



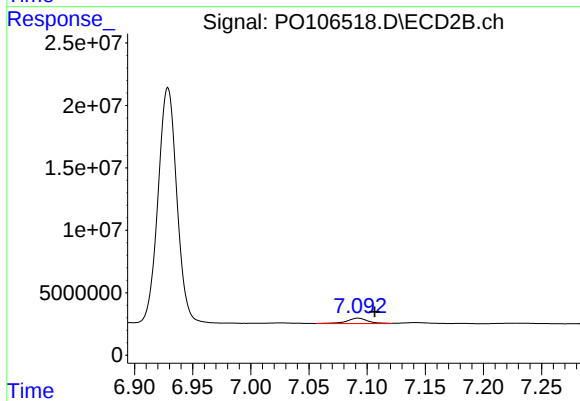
#33 AR-1260-3

R.T.: 6.607 min
Delta R.T.: -0.027 min
Response: 2268983
Conc: 14.71 ng/ml



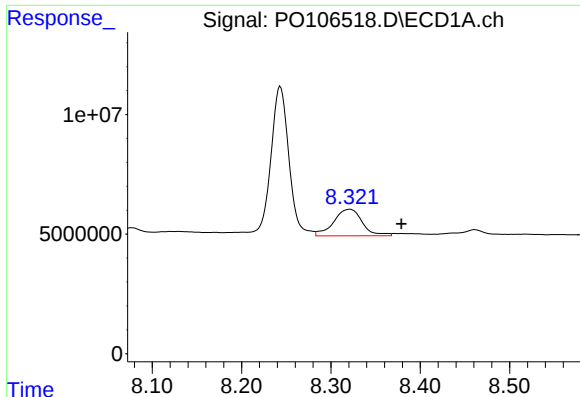
#34 AR-1260-4

R.T.: 8.077 min
Delta R.T.: 0.018 min
Response: 7226393
Conc: 26.12 ng/ml



#34 AR-1260-4

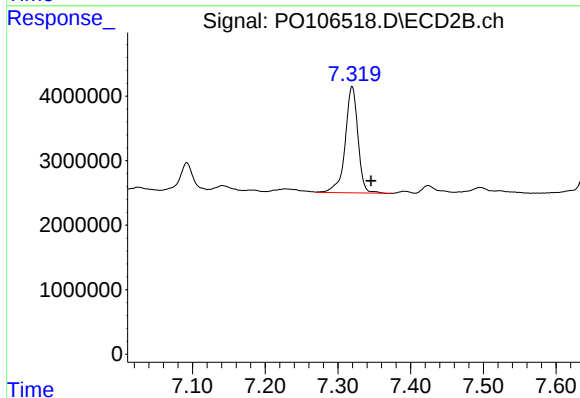
R.T.: 7.092 min
Delta R.T.: -0.014 min
Response: 5455291
Conc: 51.31 ng/ml



#35 AR-1260-5

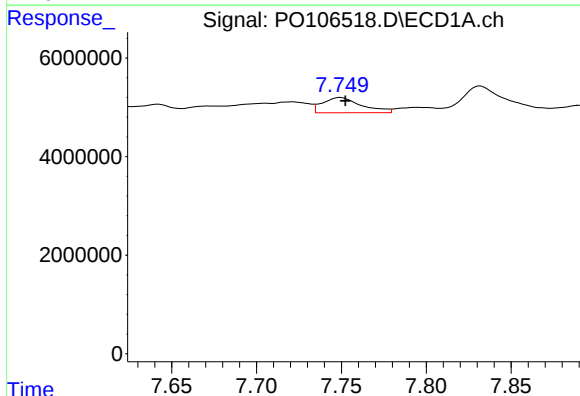
R.T.: 8.321 min
Delta R.T.: -0.058 min
Response: 24707307
Conc: 50.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



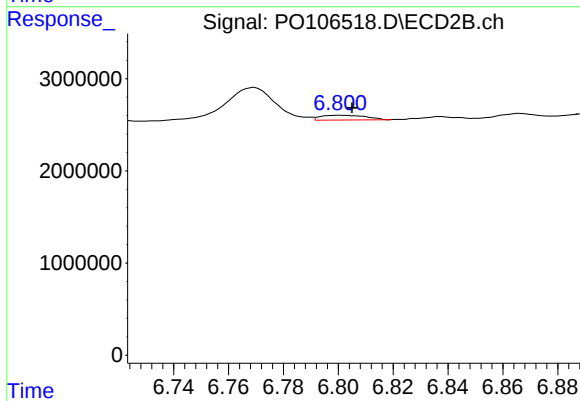
#35 AR-1260-5

R.T.: 7.320 min
Delta R.T.: -0.026 min
Response: 20070868
Conc: 78.03 ng/ml



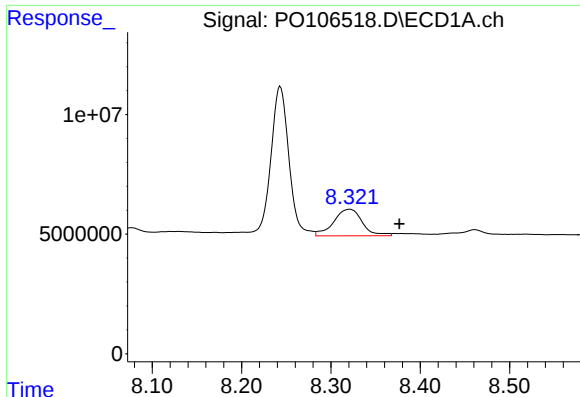
#36 AR-1262-1

R.T.: 7.749 min
Delta R.T.: -0.003 min
Response: 4919028
Conc: 20.04 ng/ml



#36 AR-1262-1

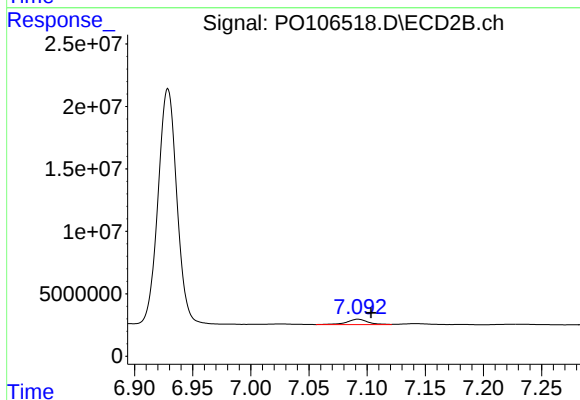
R.T.: 6.801 min
Delta R.T.: -0.004 min
Response: 580478
Conc: 5.91 ng/ml



#37 AR-1262-2

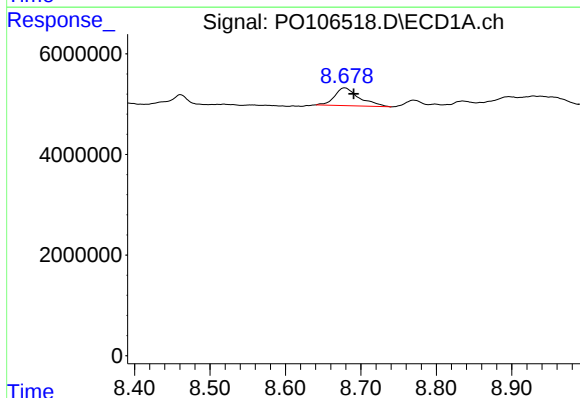
R.T.: 8.321 min
Delta R.T.: -0.055 min
Response: 24707307
Conc: 39.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



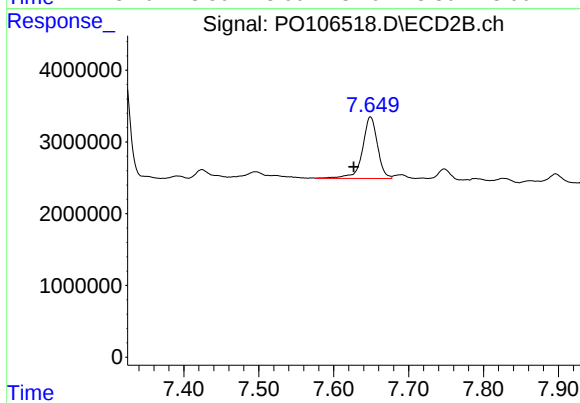
#37 AR-1262-2

R.T.: 7.092 min
Delta R.T.: -0.011 min
Response: 5455291
Conc: 34.74 ng/ml



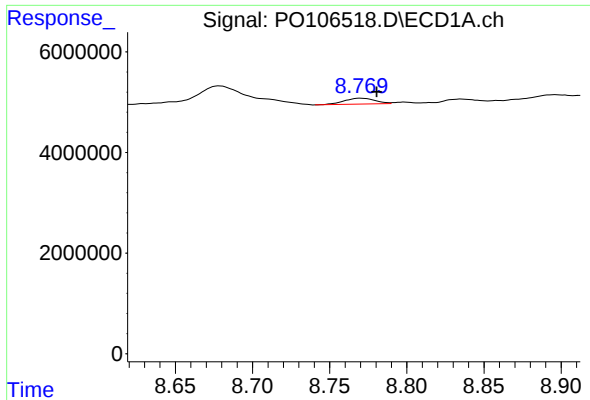
#38 AR-1262-3

R.T.: 8.678 min
Delta R.T.: -0.012 min
Response: 8020000
Conc: 18.24 ng/ml



#38 AR-1262-3

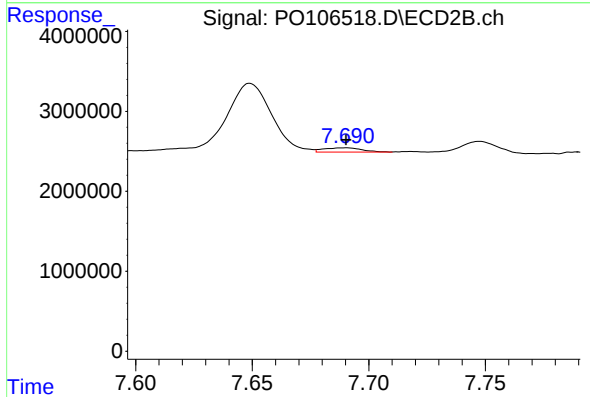
R.T.: 7.649 min
Delta R.T.: 0.022 min
Response: 12041221
Conc: 98.93 ng/ml



#39 AR-1262-4

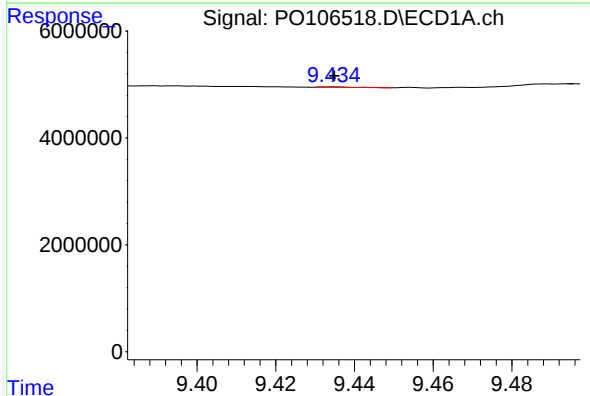
R.T.: 8.770 min
Delta R.T.: -0.011 min
Response: 1611790
Conc: 4.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



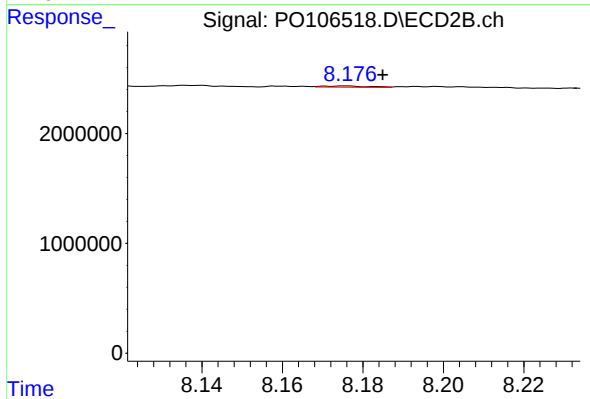
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 598770
Conc: 2.53 ng/ml



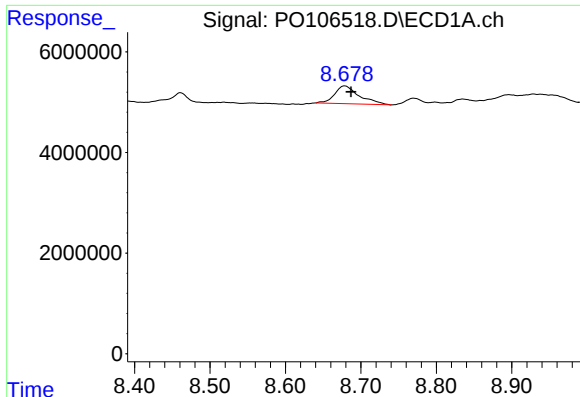
#40 AR-1262-5

R.T.: 9.434 min
Delta R.T.: 0.000 min
Response: 49162
Conc: 0.21 ng/ml



#40 AR-1262-5

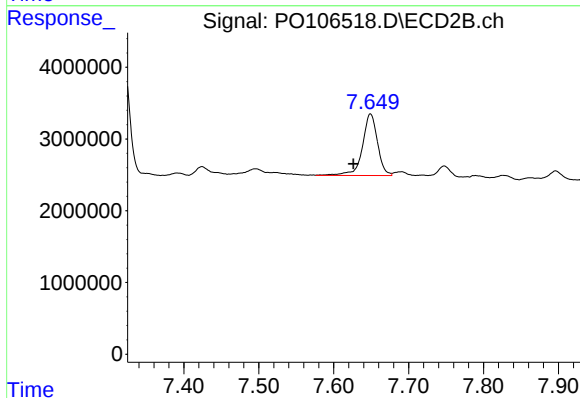
R.T.: 8.176 min
Delta R.T.: -0.009 min
Response: 88047
Conc: 0.84 ng/ml



#41 AR-1268-1

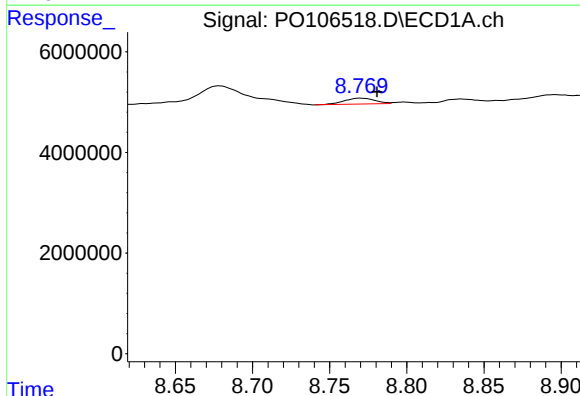
R.T.: 8.678 min
Delta R.T.: -0.009 min
Response: 8020000
Conc: 10.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



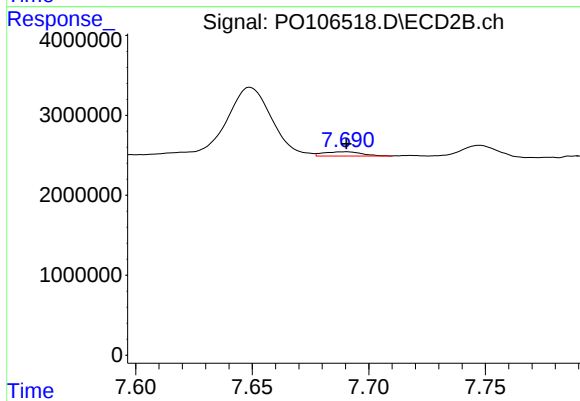
#41 AR-1268-1

R.T.: 7.649 min
Delta R.T.: 0.023 min
Response: 12041221
Conc: 33.32 ng/ml



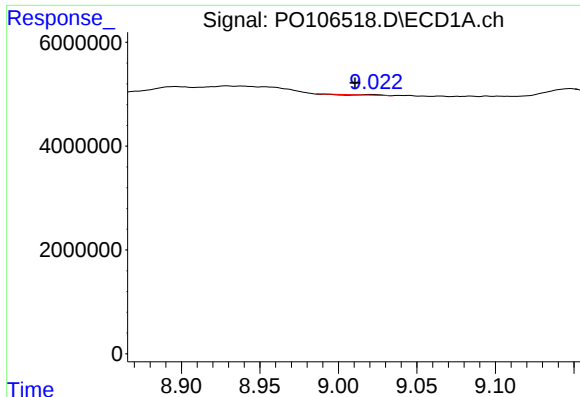
#42 AR-1268-2

R.T.: 8.770 min
Delta R.T.: -0.011 min
Response: 1611790
Conc: 2.40 ng/ml



#42 AR-1268-2

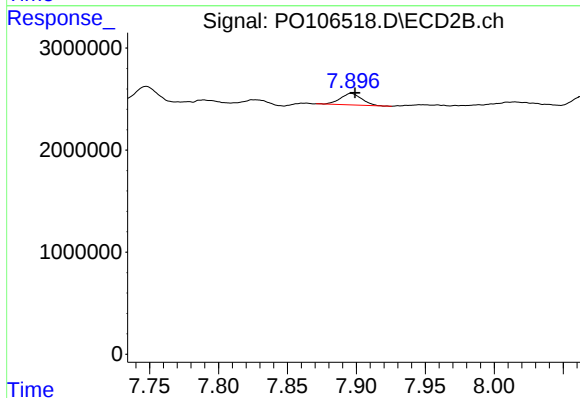
R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 598770
Conc: 1.83 ng/ml



#43 AR-1268-3

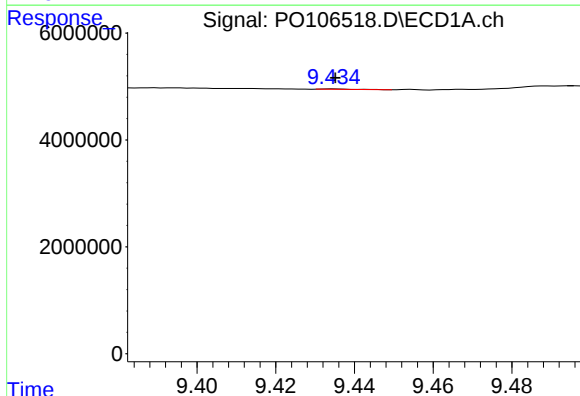
R.T.: 9.022 min
Delta R.T.: 0.011 min
Response: 16361
Conc: 0.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



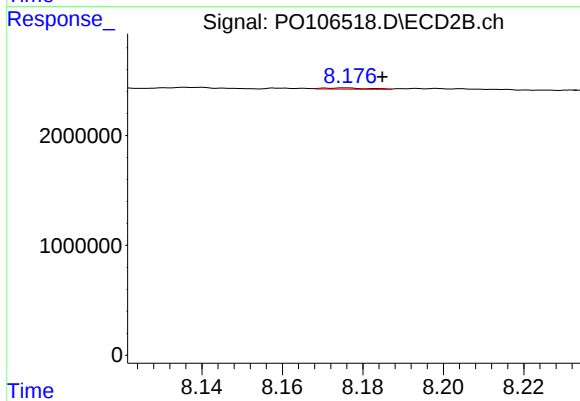
#43 AR-1268-3

R.T.: 7.896 min
Delta R.T.: -0.003 min
Response: 1228265
Conc: 4.55 ng/ml



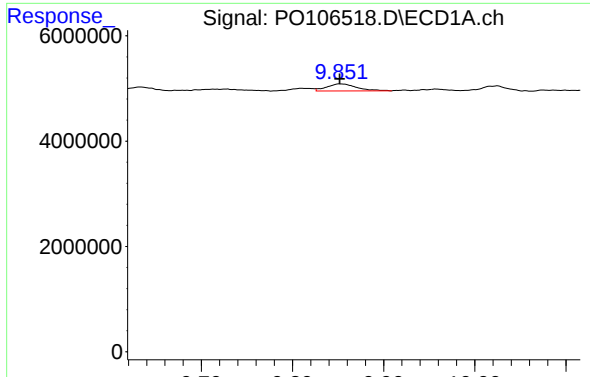
#44 AR-1268-4

R.T.: 9.434 min
Delta R.T.: 0.000 min
Response: 49162
Conc: 0.20 ng/ml



#44 AR-1268-4

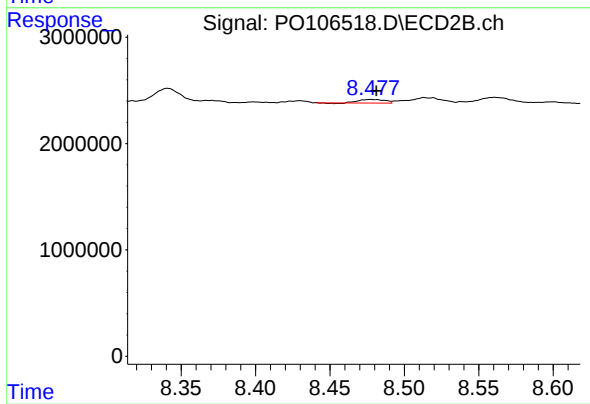
R.T.: 8.176 min
Delta R.T.: -0.009 min
Response: 88047
Conc: 0.77 ng/ml



#45 AR-1268-5

R.T.: 9.852 min
Delta R.T.: 0.000 min
Response: 2995340
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
1077



#45 AR-1268-5

R.T.: 8.478 min
Delta R.T.: -0.003 min
Response: 389966
Conc: 0.46 ng/ml