

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022124\
 Data File : P0101976.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2024 22:36
 Operator : YP/AJ
 Sample : P1537-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 11

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:35:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021024.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 12 05:22:08 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...	4.282	3.393	74100492	57307255	24.031	21.559
2)	SA Decachlor...	9.833	8.268	36673023	26844643	17.489	14.130
Target Compounds							
3)	L1 AR-1016-1	5.449	4.472	6602545	1229800	66.951	16.856 #
4)	L1 AR-1016-2	5.449	4.472	6602545	1229800	45.416	11.657 #
5)	L1 AR-1016-3	5.521	4.633	1948731	961948	20.476	16.768
6)	L1 AR-1016-4	5.584	4.686	18297219	694106	239.841	13.788 #
7)	L1 AR-1016-5	5.910	4.893	2883738	-497966	36.328	N.D. #
8)	L2 AR-1221-1	4.486	3.602	31420068	11059362	997.451	405.469 #
9)	L2 AR-1221-2	4.582	3.668	556144	29388178	23.450	1501.698 #
10)	L2 AR-1221-3	4.676	3.757	14364160	-6968	201.228	N.D. #
11)	L3 AR-1232-1	4.676	3.757	14364160	-6968	225.132	N.D. #
12)	L3 AR-1232-2	5.175	4.472	1497751	1229800	39.011	24.950 #
13)	L3 AR-1232-3	5.449	4.633	6602545	961948	95.469	37.470 #
14)	L3 AR-1232-4	5.584	4.738	18297219	937108	503.152	36.871 #
15)	L3 AR-1232-5	5.696	4.893	2477448	-497966	78.897	N.D. #
16)	L4 AR-1242-1	5.449	4.472	6602545	1229800	89.757	21.939 #
17)	L4 AR-1242-2	5.449	4.472	6602545	1229800	60.593	15.572 #
18)	L4 AR-1242-3	5.521	4.633	1948731	961948	27.625	22.585
19)	L4 AR-1242-4	5.584	4.738	18297219	937108	322.641	20.234 #
20)	L4 AR-1242-5	6.369	5.239	6699724	12604570	121.328	254.838 #
21)	L5 AR-1248-1	5.449	4.472	6602545	1229800	119.991	28.545 #
22)	L5 AR-1248-2	5.696	4.686	2477448	694106	26.468	10.479 #
23)	L5 AR-1248-3	5.910	4.738	2883738	937108	29.578	13.619 #
24)	L5 AR-1248-4	6.303	4.893	47900385	-497966	523.018	N.D. #
25)	L5 AR-1248-5	6.369	5.278	6699724	1198234	74.578	18.355 #
26)	L6 AR-1254-1	6.255	5.239	8029848	12604570	72.289	108.447 #
27)	L6 AR-1254-2	6.495	5.377	19645801	1340855	119.531	12.683 #
28)	L6 AR-1254-3	6.860	5.786	9863624	1294334	61.268	8.005 #
29)	L6 AR-1254-4	7.130	6.014	1391906	1617817	14.047	19.242 #
30)	L6 AR-1254-5	7.565	6.409	11565159	8618225	96.554	64.321 #
31)	L7 AR-1260-1	7.011	5.922	2117250	11284271	16.131	91.399 #
32)	L7 AR-1260-2	7.259	6.081	22653157	2651966	158.939	18.370 #
33)	L7 AR-1260-3	7.619	6.239	308544	2057988	2.930	15.746 #
34)	L7 AR-1260-4	7.824	6.705	3297072	1275690	29.518	11.567 #
35)	L7 AR-1260-5	8.146	6.943	2054525	1190514	9.364	5.036 #
36)	L8 AR-1262-1	7.565	6.409	11565159	8618225	95.818	102.783
37)	L8 AR-1262-2	8.146	6.705	2054525	1275690	6.668	8.387 #
38)	L8 AR-1262-3	8.456	7.225	703363	932303	3.332	7.880 #
39)	L8 AR-1262-4	8.531	7.284	1706118	2491929	9.924	11.595
40)	L8 AR-1262-5	9.141	7.780	301260	224337	2.921	2.485
41)	L9 AR-1268-1	8.456	7.225	703363	932303	2.042	3.002 #

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Acq On : 21 Feb 2024 22:36
Operator : YP/AJ
Sample : P1537-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

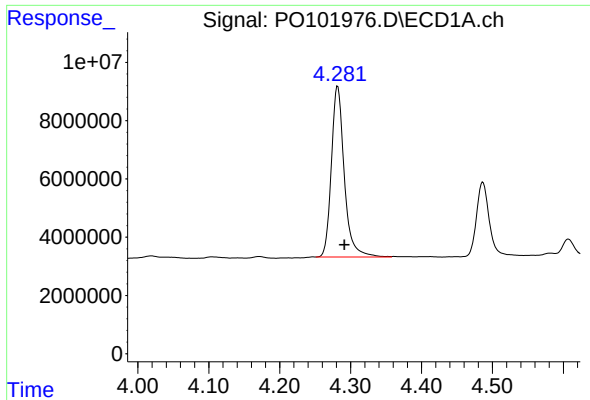
Instrument :
ECD_O
ClientSampleId :
11

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:35:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021024.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Feb 12 05:22:08 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
42)	L9 AR-1268-2	8.531	7.284	1706118	2491929	5.130	8.800 #
43)	L9 AR-1268-3	8.740	7.490	628109	814319	2.297	3.439 #
44)	L9 AR-1268-4	9.141	8.044	301260	1293395	3.009	1.796 #
45)	L9 AR-1268-5	9.520	8.268	1157207	26844643	1.318	78.482 #

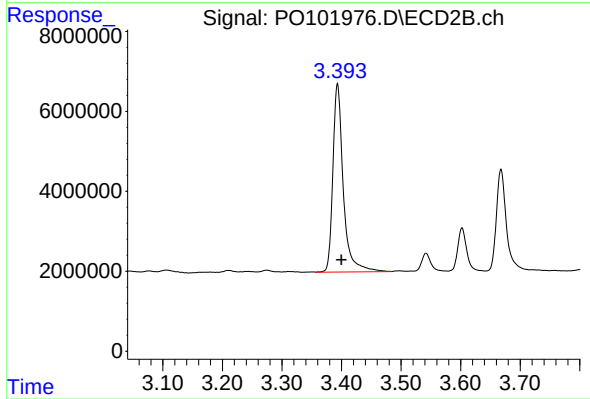
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

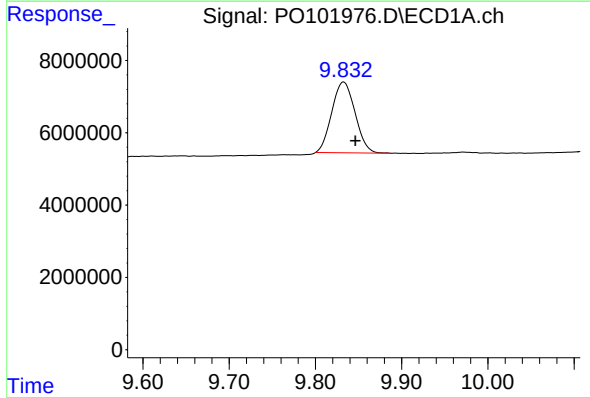
R.T.: 4.282 min
Delta R.T.: -0.009 min
Response: 74100492
Conc: 24.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



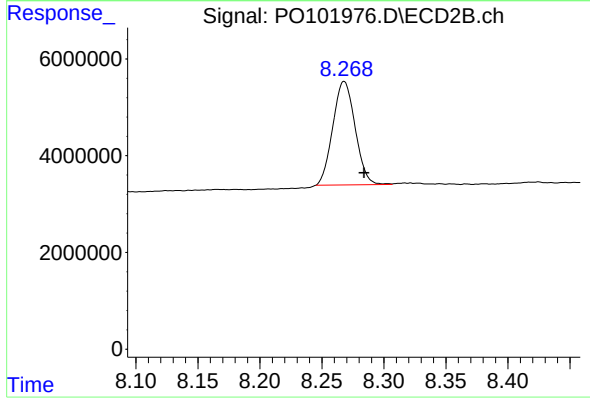
#1 Tetrachloro-m-xylene

R.T.: 3.393 min
Delta R.T.: -0.006 min
Response: 57307255
Conc: 21.56 ng/ml



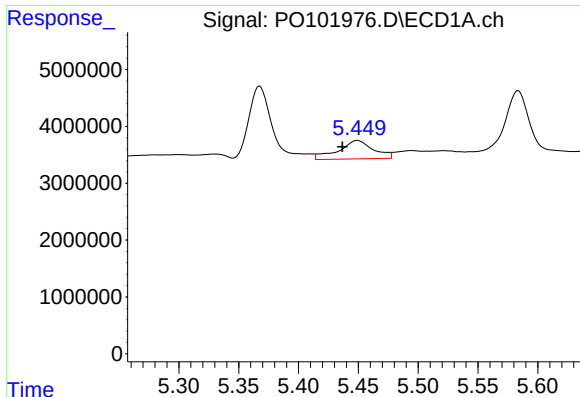
#2 Decachlorobiphenyl

R.T.: 9.833 min
Delta R.T.: -0.013 min
Response: 36673023
Conc: 17.49 ng/ml



#2 Decachlorobiphenyl

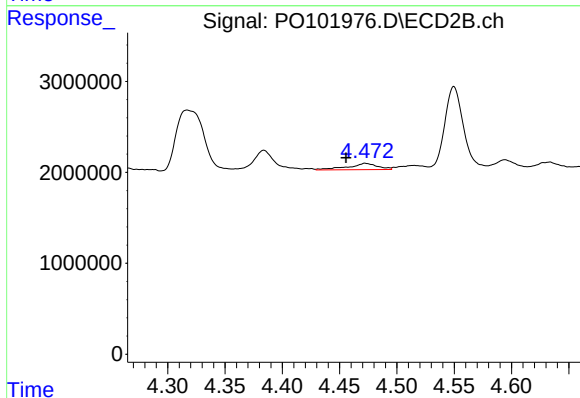
R.T.: 8.268 min
Delta R.T.: -0.016 min
Response: 26844643
Conc: 14.13 ng/ml



#3 AR-1016-1

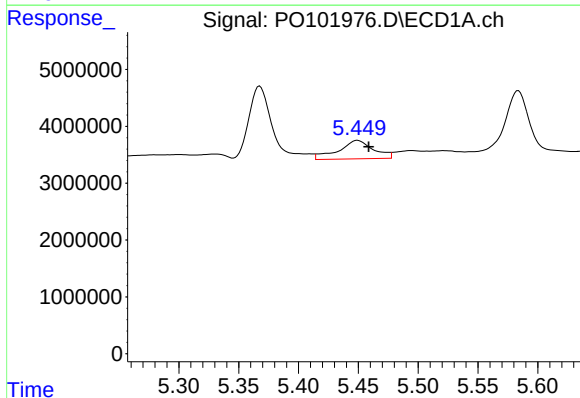
R.T.: 5.449 min
Delta R.T.: 0.013 min
Response: 6602545
Conc: 66.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



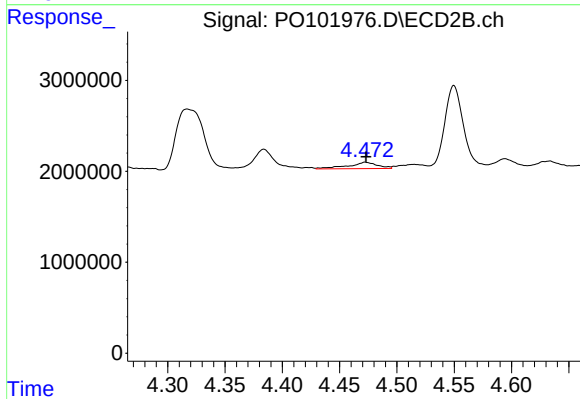
#3 AR-1016-1

R.T.: 4.472 min
Delta R.T.: 0.017 min
Response: 1229800
Conc: 16.86 ng/ml



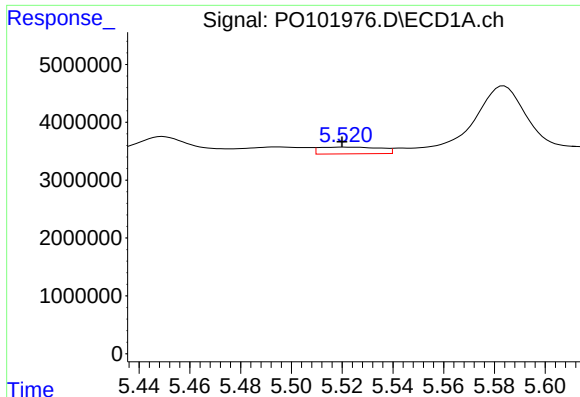
#4 AR-1016-2

R.T.: 5.449 min
Delta R.T.: -0.009 min
Response: 6602545
Conc: 45.42 ng/ml



#4 AR-1016-2

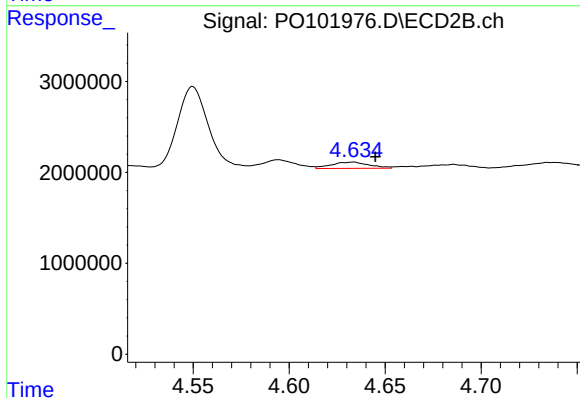
R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 1229800
Conc: 11.66 ng/ml



#5 AR-1016-3

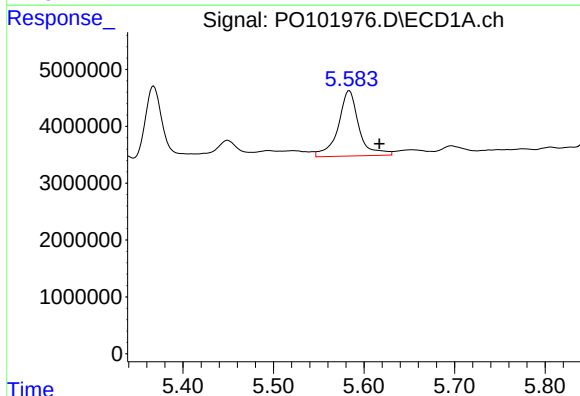
R.T.: 5.521 min
Delta R.T.: 0.001 min
Response: 1948731
Conc: 20.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



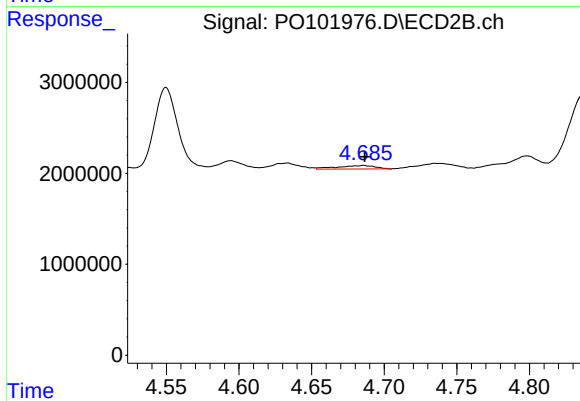
#5 AR-1016-3

R.T.: 4.633 min
Delta R.T.: -0.012 min
Response: 961948
Conc: 16.77 ng/ml



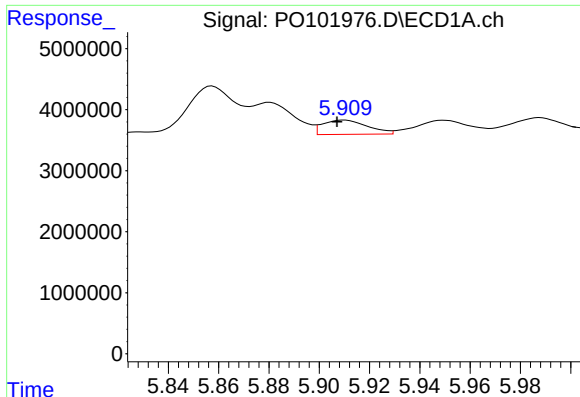
#6 AR-1016-4

R.T.: 5.584 min
Delta R.T.: -0.033 min
Response: 18297219
Conc: 239.84 ng/ml



#6 AR-1016-4

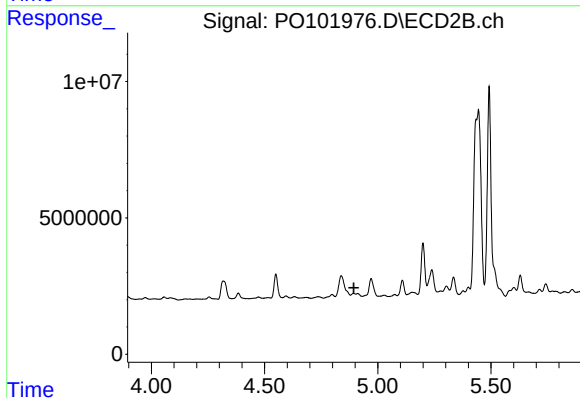
R.T.: 4.686 min
Delta R.T.: -0.001 min
Response: 694106
Conc: 13.79 ng/ml



#7 AR-1016-5

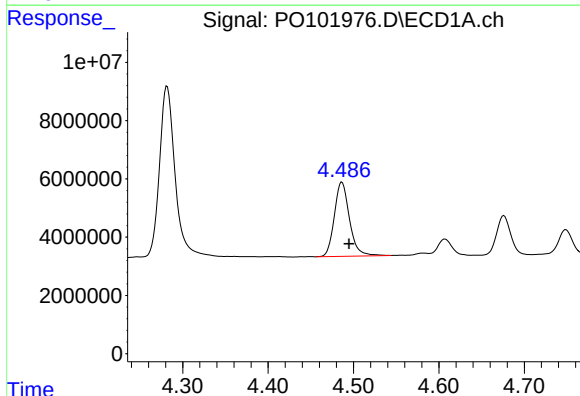
R.T.: 5.910 min
Delta R.T.: 0.003 min
Response: 2883738
Conc: 36.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



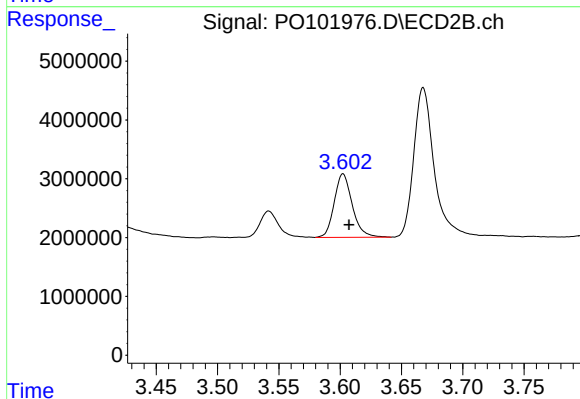
#7 AR-1016-5

R.T.: 4.893 min
Delta R.T.: -0.001 min
Response: -497966
Conc: N.D.



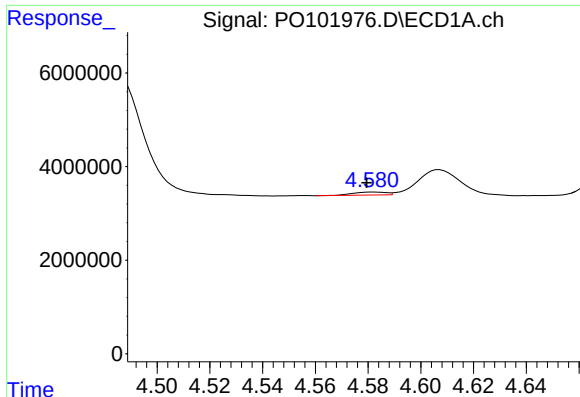
#8 AR-1221-1

R.T.: 4.486 min
Delta R.T.: -0.009 min
Response: 31420068
Conc: 997.45 ng/ml



#8 AR-1221-1

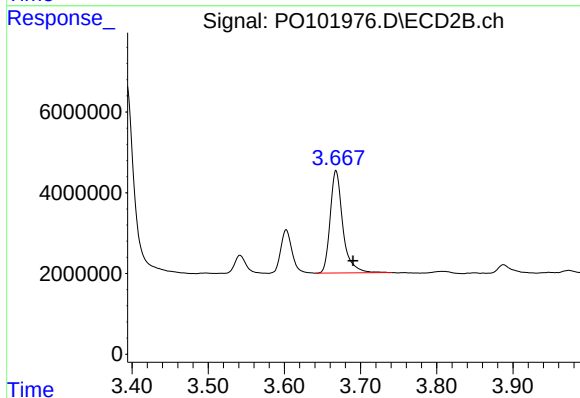
R.T.: 3.602 min
Delta R.T.: -0.005 min
Response: 11059362
Conc: 405.47 ng/ml



#9 AR-1221-2

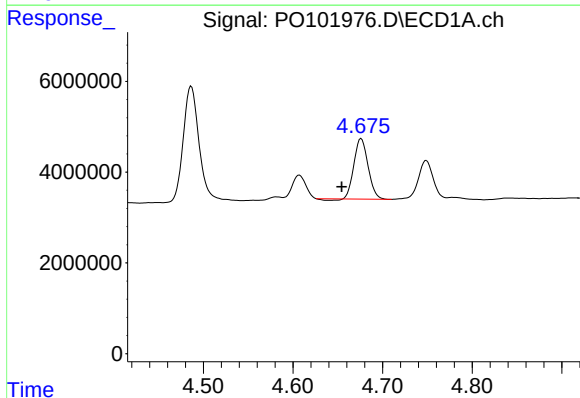
R.T.: 4.582 min
Delta R.T.: 0.003 min
Response: 556144
Conc: 23.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



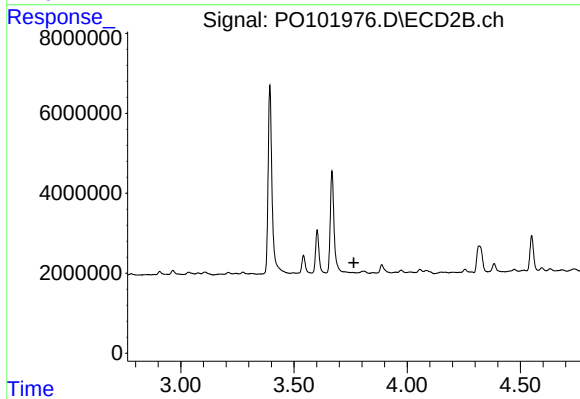
#9 AR-1221-2

R.T.: 3.668 min
Delta R.T.: -0.022 min
Response: 29388178
Conc: 1501.70 ng/ml



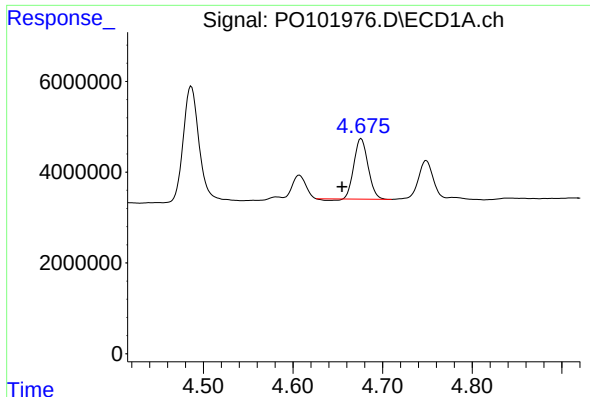
#10 AR-1221-3

R.T.: 4.676 min
Delta R.T.: 0.022 min
Response: 14364160
Conc: 201.23 ng/ml



#10 AR-1221-3

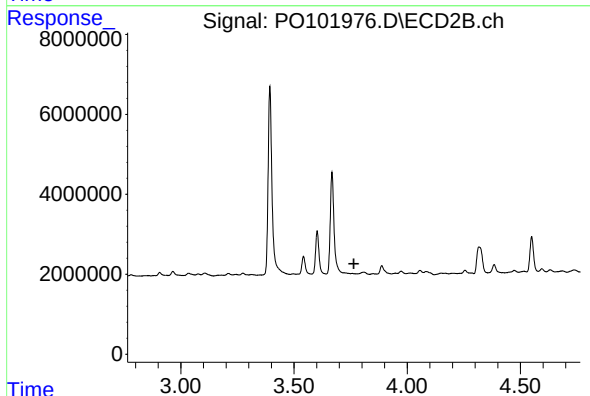
R.T.: 3.757 min
Delta R.T.: -0.007 min
Response: -6968
Conc: N.D.



#11 AR-1232-1

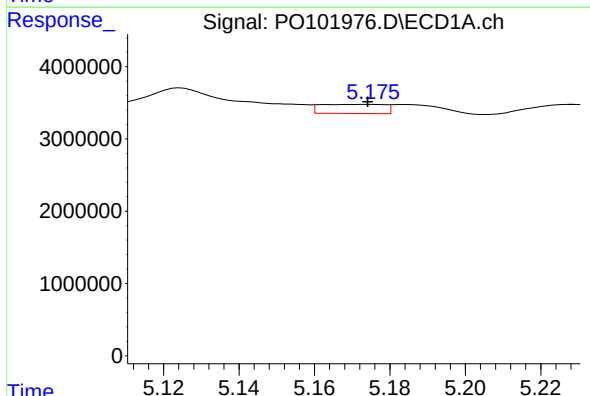
R.T.: 4.676 min
Delta R.T.: 0.021 min
Response: 14364160
Conc: 225.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



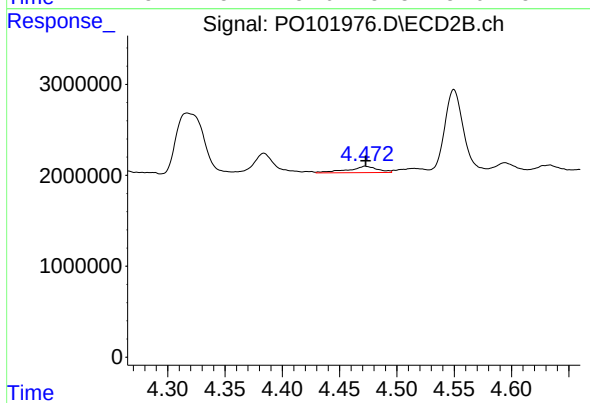
#11 AR-1232-1

R.T.: 3.757 min
Delta R.T.: -0.007 min
Response: -6968
Conc: N.D.



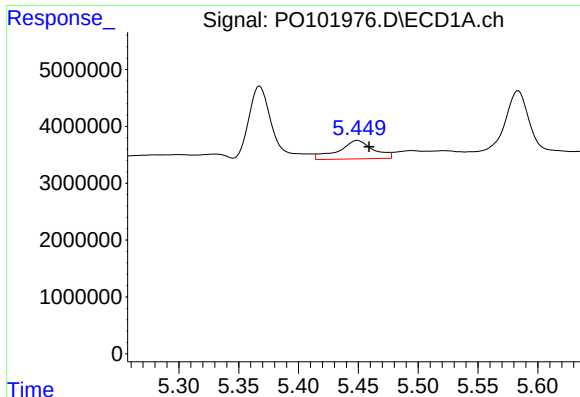
#12 AR-1232-2

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 1497751
Conc: 39.01 ng/ml



#12 AR-1232-2

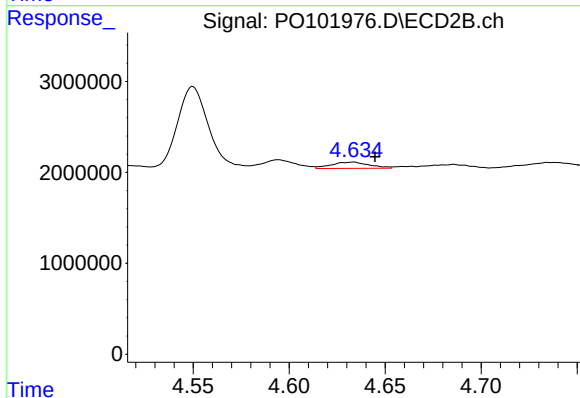
R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 1229800
Conc: 24.95 ng/ml



#13 AR-1232-3

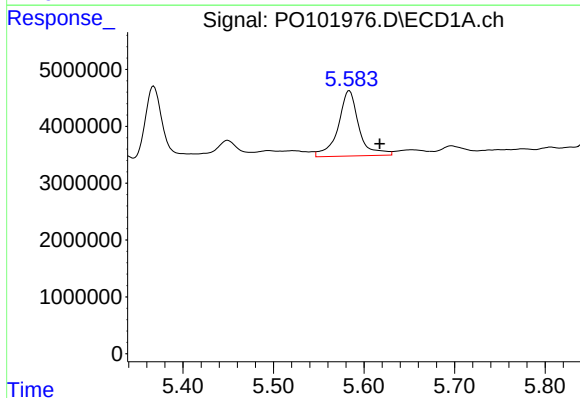
R.T.: 5.449 min
Delta R.T.: -0.010 min
Response: 6602545
Conc: 95.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



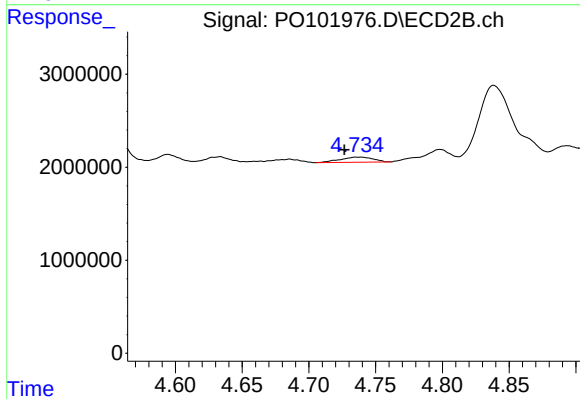
#13 AR-1232-3

R.T.: 4.633 min
Delta R.T.: -0.012 min
Response: 961948
Conc: 37.47 ng/ml



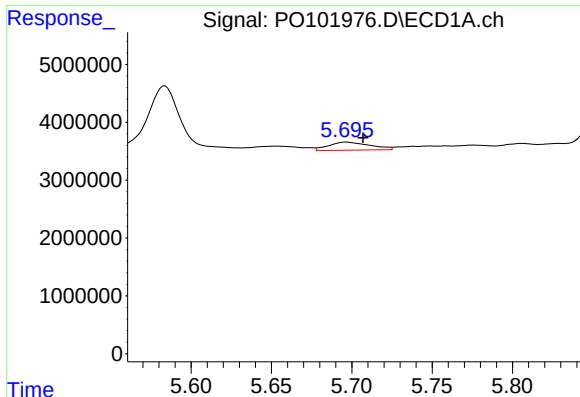
#14 AR-1232-4

R.T.: 5.584 min
Delta R.T.: -0.034 min
Response: 18297219
Conc: 503.15 ng/ml



#14 AR-1232-4

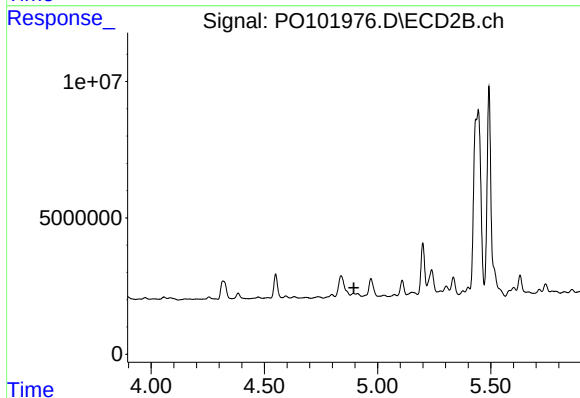
R.T.: 4.738 min
Delta R.T.: 0.011 min
Response: 937108
Conc: 36.87 ng/ml



#15 AR-1232-5

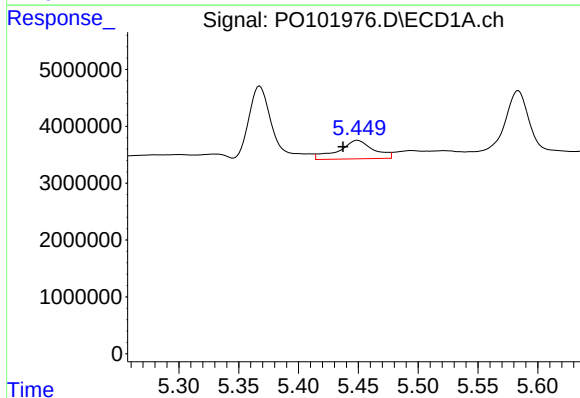
R.T.: 5.696 min
Delta R.T.: -0.011 min
Response: 2477448
Conc: 78.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



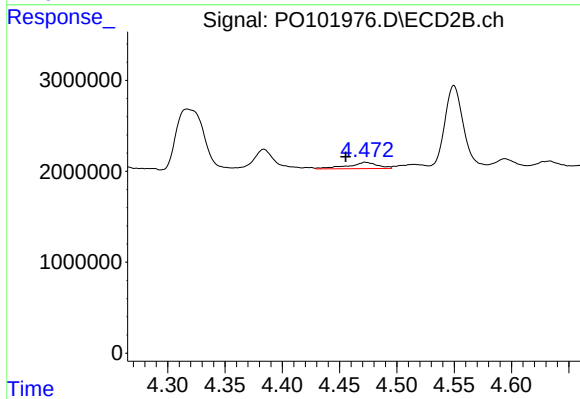
#15 AR-1232-5

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: -497966
Conc: N.D.



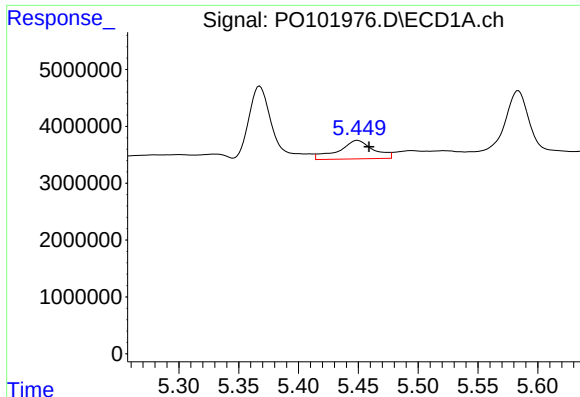
#16 AR-1242-1

R.T.: 5.449 min
Delta R.T.: 0.012 min
Response: 6602545
Conc: 89.76 ng/ml



#16 AR-1242-1

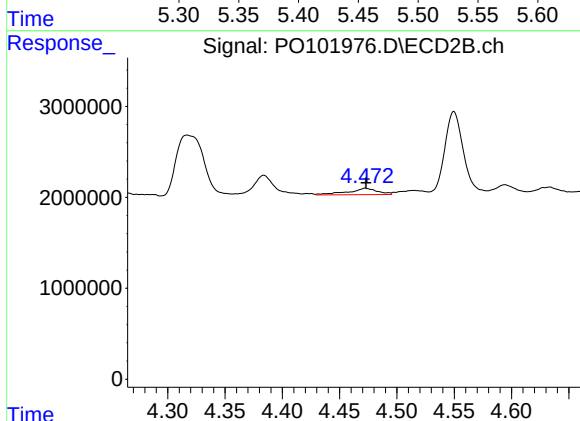
R.T.: 4.472 min
Delta R.T.: 0.017 min
Response: 1229800
Conc: 21.94 ng/ml



#17 AR-1242-2

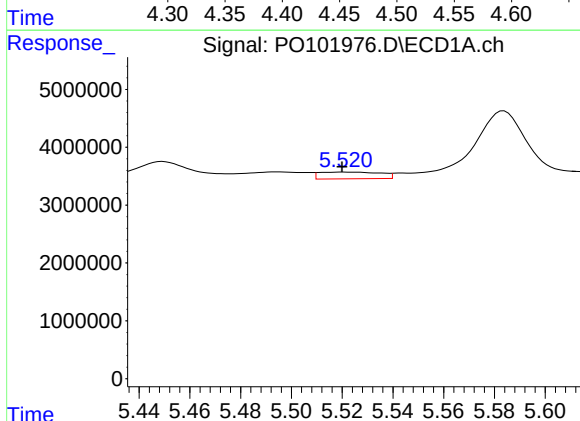
R.T.: 5.449 min
Delta R.T.: -0.010 min
Response: 6602545
Conc: 60.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



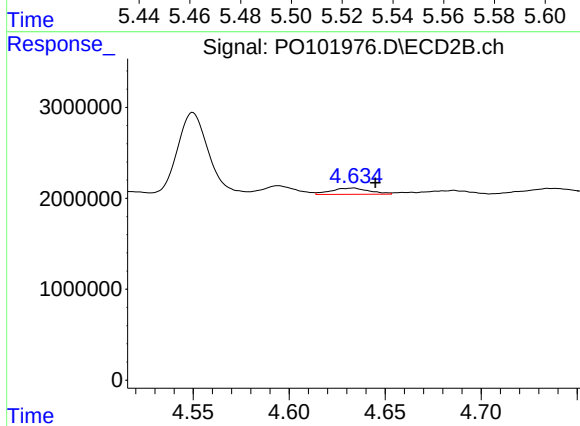
#17 AR-1242-2

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 1229800
Conc: 15.57 ng/ml



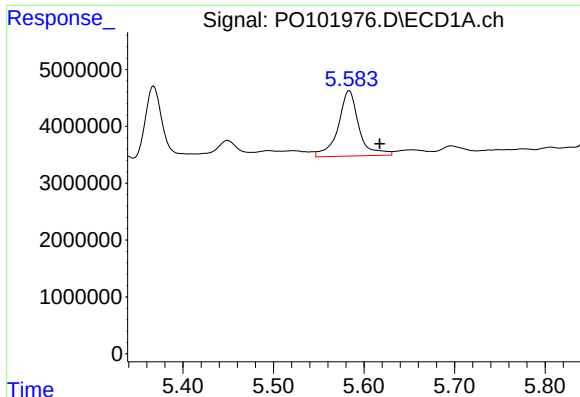
#18 AR-1242-3

R.T.: 5.521 min
Delta R.T.: 0.001 min
Response: 1948731
Conc: 27.63 ng/ml



#18 AR-1242-3

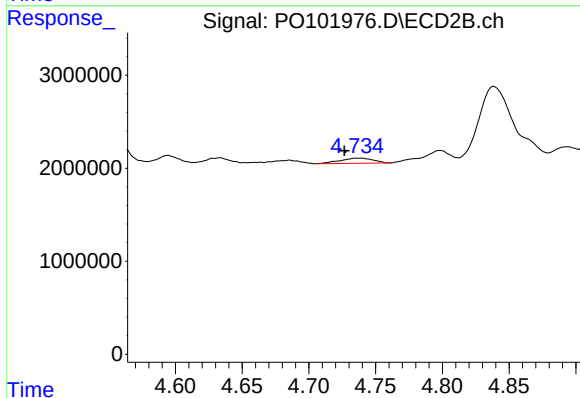
R.T.: 4.633 min
Delta R.T.: -0.012 min
Response: 961948
Conc: 22.58 ng/ml



#19 AR-1242-4

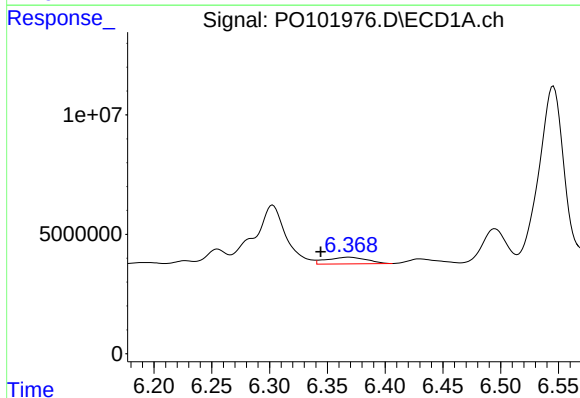
R.T.: 5.584 min
Delta R.T.: -0.034 min
Response: 18297219
Conc: 322.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



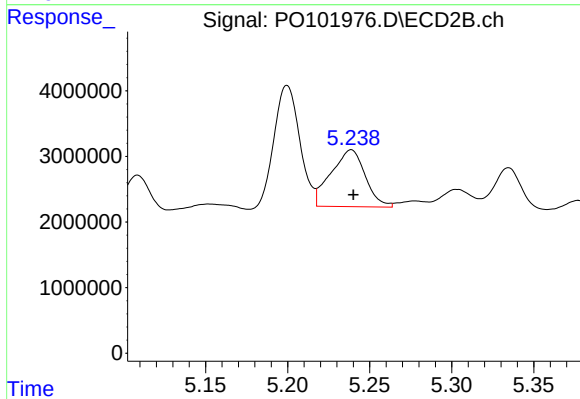
#19 AR-1242-4

R.T.: 4.738 min
Delta R.T.: 0.011 min
Response: 937108
Conc: 20.23 ng/ml



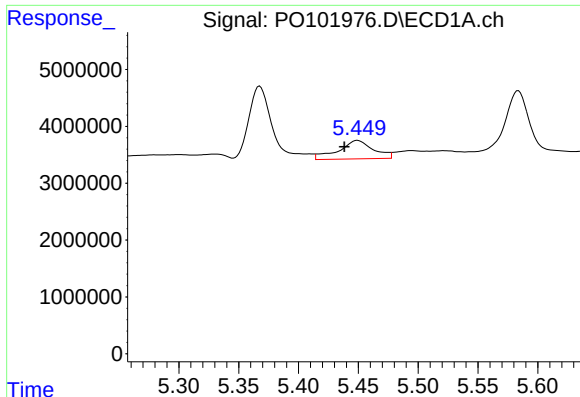
#20 AR-1242-5

R.T.: 6.369 min
Delta R.T.: 0.024 min
Response: 6699724
Conc: 121.33 ng/ml



#20 AR-1242-5

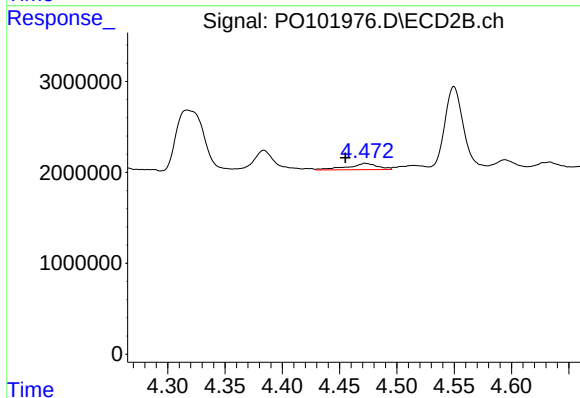
R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 12604570
Conc: 254.84 ng/ml



#21 AR-1248-1

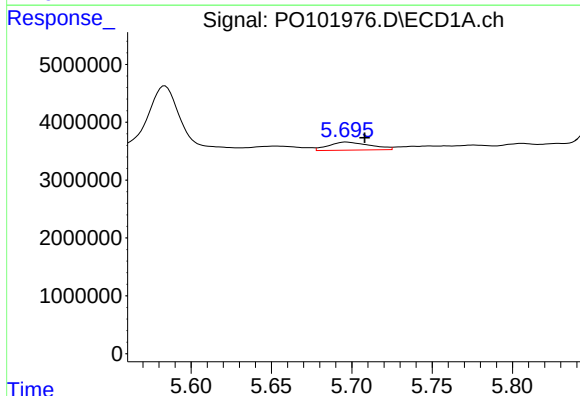
R.T.: 5.449 min
Delta R.T.: 0.011 min
Response: 6602545
Conc: 119.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



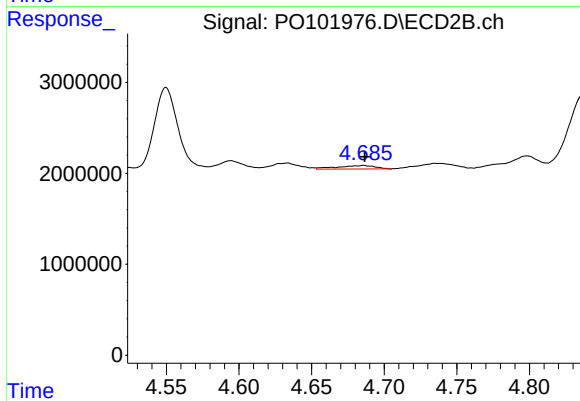
#21 AR-1248-1

R.T.: 4.472 min
Delta R.T.: 0.017 min
Response: 1229800
Conc: 28.55 ng/ml



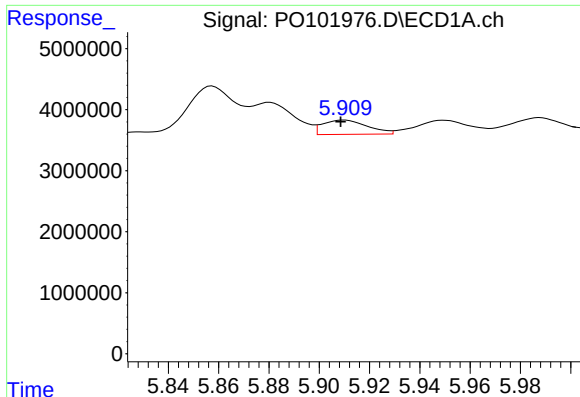
#22 AR-1248-2

R.T.: 5.696 min
Delta R.T.: -0.012 min
Response: 2477448
Conc: 26.47 ng/ml



#22 AR-1248-2

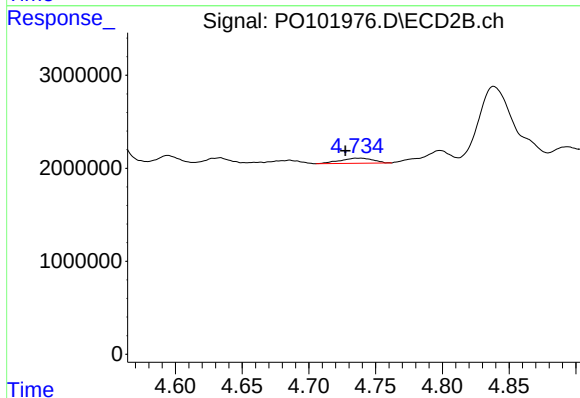
R.T.: 4.686 min
Delta R.T.: -0.001 min
Response: 694106
Conc: 10.48 ng/ml



#23 AR-1248-3

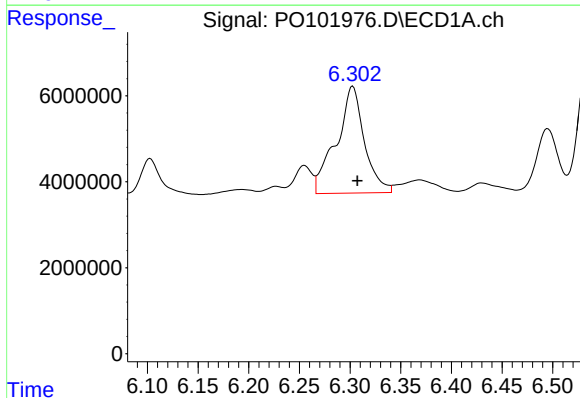
R.T.: 5.910 min
Delta R.T.: 0.001 min
Response: 2883738
Conc: 29.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



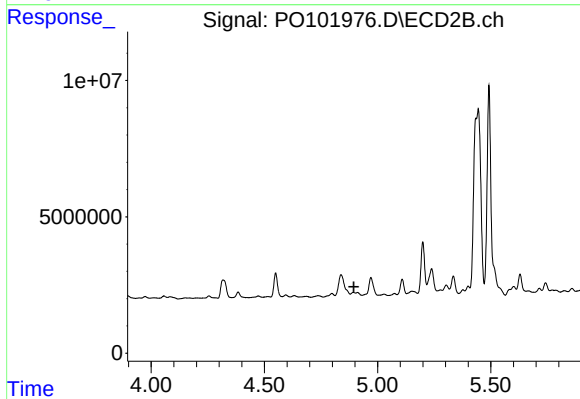
#23 AR-1248-3

R.T.: 4.738 min
Delta R.T.: 0.010 min
Response: 937108
Conc: 13.62 ng/ml



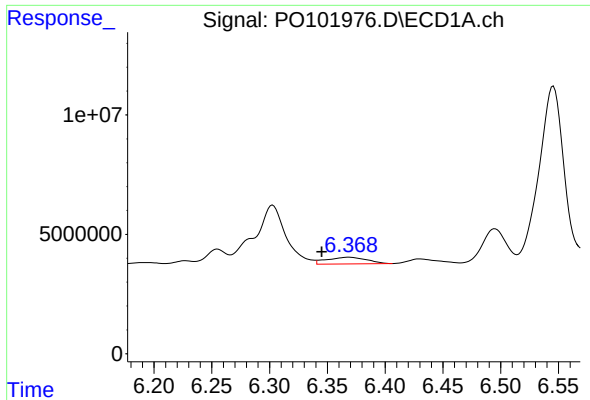
#24 AR-1248-4

R.T.: 6.303 min
Delta R.T.: -0.004 min
Response: 47900385
Conc: 523.02 ng/ml



#24 AR-1248-4

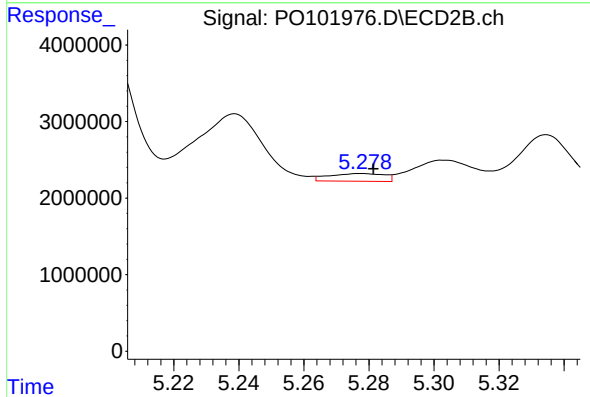
R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: -497966
Conc: N.D.



#25 AR-1248-5

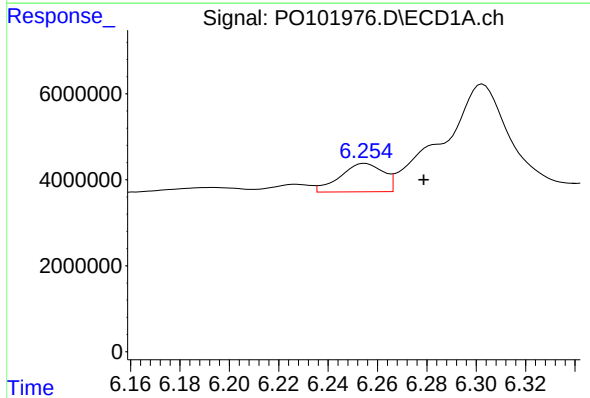
R.T.: 6.369 min
Delta R.T.: 0.024 min
Response: 6699724
Conc: 74.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



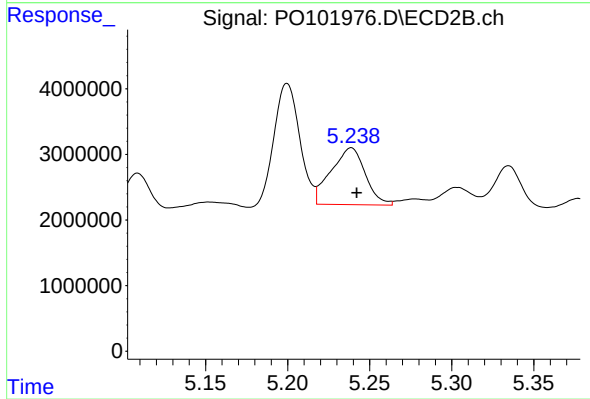
#25 AR-1248-5

R.T.: 5.278 min
Delta R.T.: -0.004 min
Response: 1198234
Conc: 18.36 ng/ml



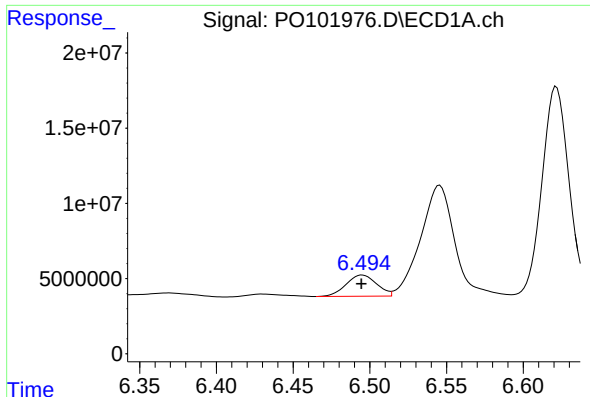
#26 AR-1254-1

R.T.: 6.255 min
Delta R.T.: -0.024 min
Response: 8029848
Conc: 72.29 ng/ml



#26 AR-1254-1

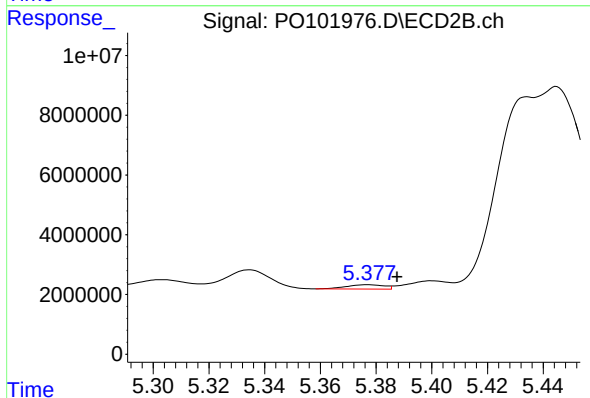
R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 12604570
Conc: 108.45 ng/ml



#27 AR-1254-2

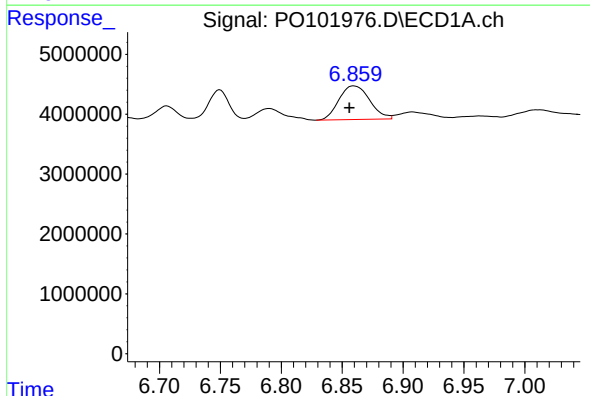
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 19645801
Conc: 119.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



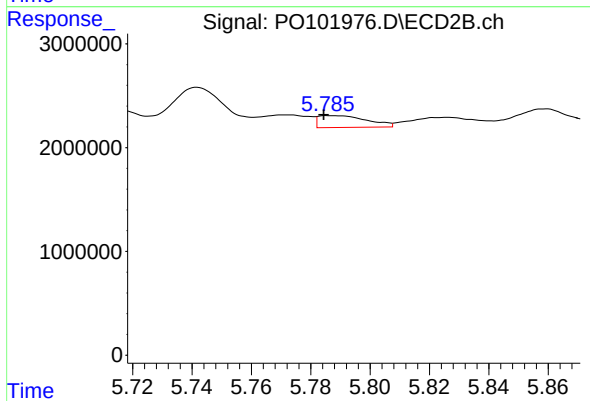
#27 AR-1254-2

R.T.: 5.377 min
Delta R.T.: -0.010 min
Response: 1340855
Conc: 12.68 ng/ml



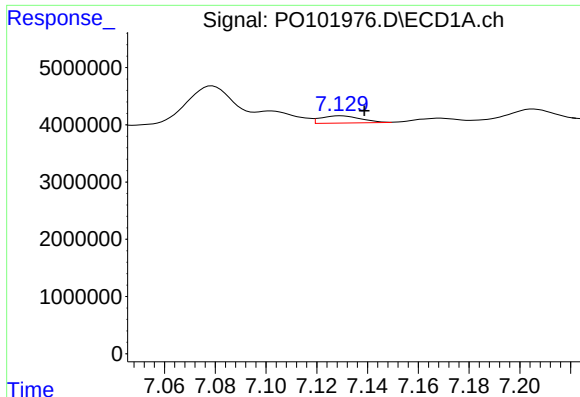
#28 AR-1254-3

R.T.: 6.860 min
Delta R.T.: 0.003 min
Response: 9863624
Conc: 61.27 ng/ml



#28 AR-1254-3

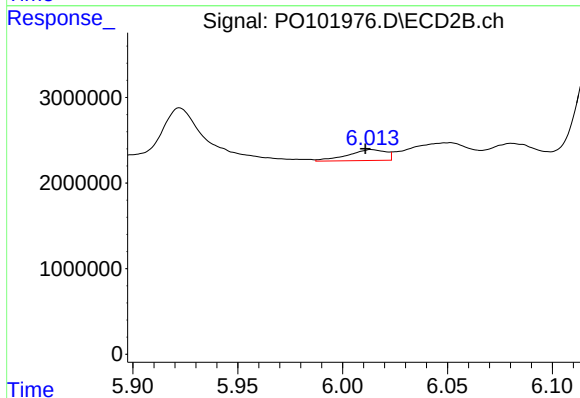
R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 1294334
Conc: 8.01 ng/ml



#29 AR-1254-4

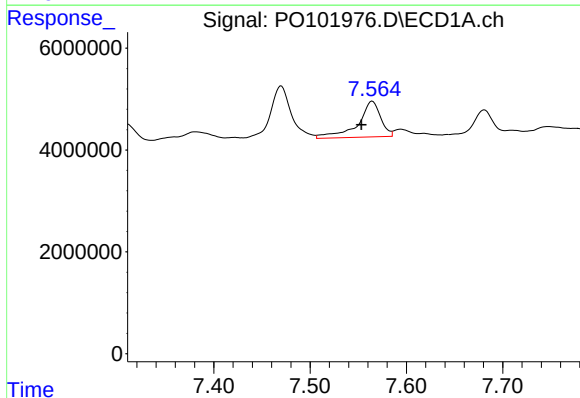
R.T.: 7.130 min
Delta R.T.: -0.009 min
Response: 1391906
Conc: 14.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



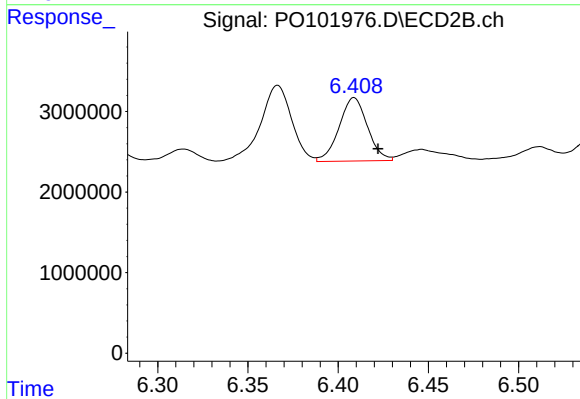
#29 AR-1254-4

R.T.: 6.014 min
Delta R.T.: 0.003 min
Response: 1617817
Conc: 19.24 ng/ml



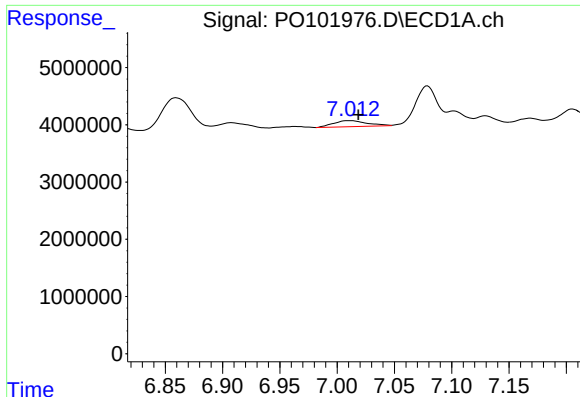
#30 AR-1254-5

R.T.: 7.565 min
Delta R.T.: 0.011 min
Response: 11565159
Conc: 96.55 ng/ml



#30 AR-1254-5

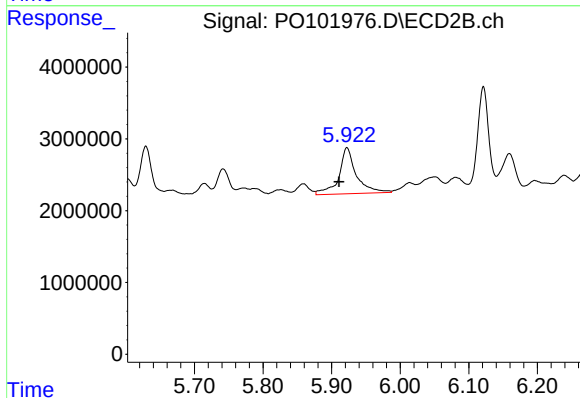
R.T.: 6.409 min
Delta R.T.: -0.013 min
Response: 8618225
Conc: 64.32 ng/ml



#31 AR-1260-1

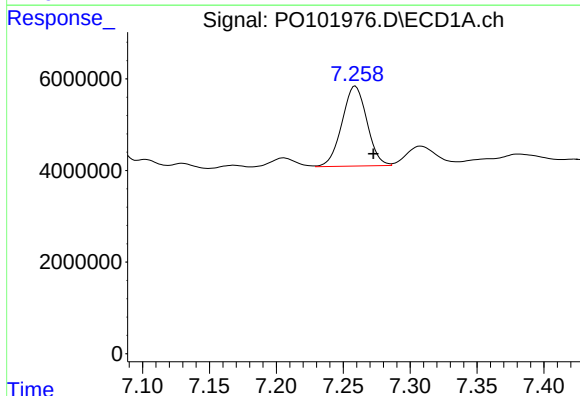
R.T.: 7.011 min
Delta R.T.: -0.008 min
Response: 2117250
Conc: 16.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



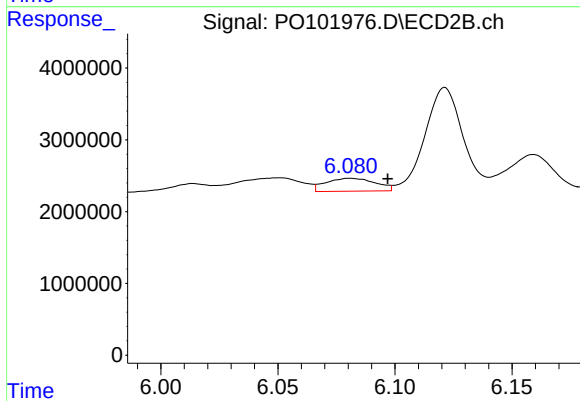
#31 AR-1260-1

R.T.: 5.922 min
Delta R.T.: 0.012 min
Response: 11284271
Conc: 91.40 ng/ml



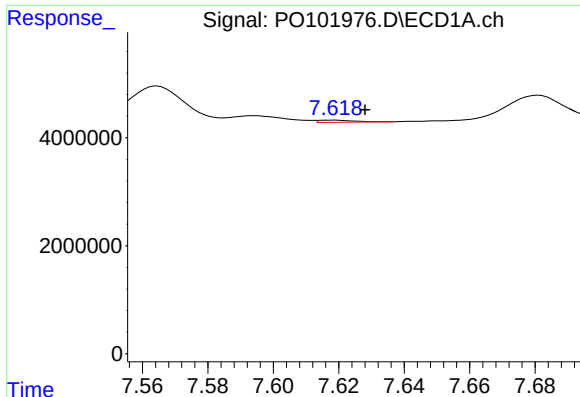
#32 AR-1260-2

R.T.: 7.259 min
Delta R.T.: -0.013 min
Response: 22653157
Conc: 158.94 ng/ml



#32 AR-1260-2

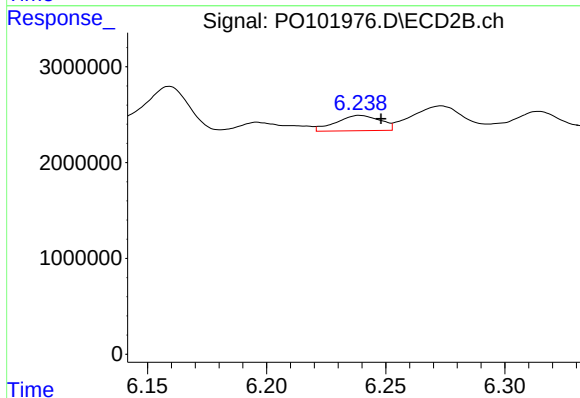
R.T.: 6.081 min
Delta R.T.: -0.016 min
Response: 2651966
Conc: 18.37 ng/ml



#33 AR-1260-3

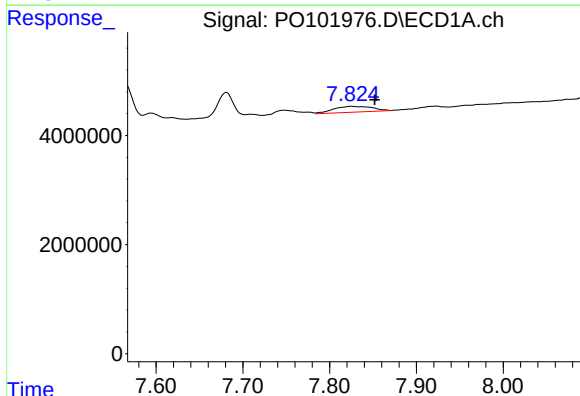
R.T.: 7.619 min
Delta R.T.: -0.009 min
Response: 308544
Conc: 2.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



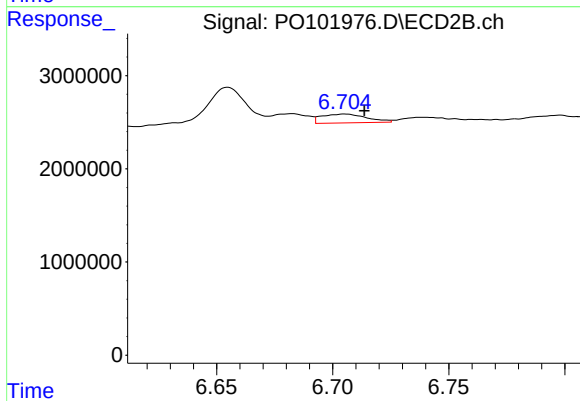
#33 AR-1260-3

R.T.: 6.239 min
Delta R.T.: -0.009 min
Response: 2057988
Conc: 15.75 ng/ml



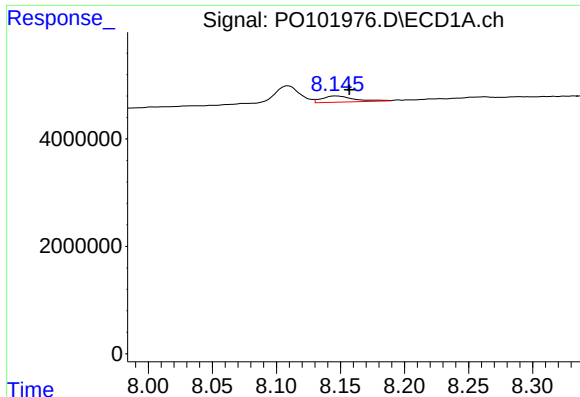
#34 AR-1260-4

R.T.: 7.824 min
Delta R.T.: -0.028 min
Response: 3297072
Conc: 29.52 ng/ml



#34 AR-1260-4

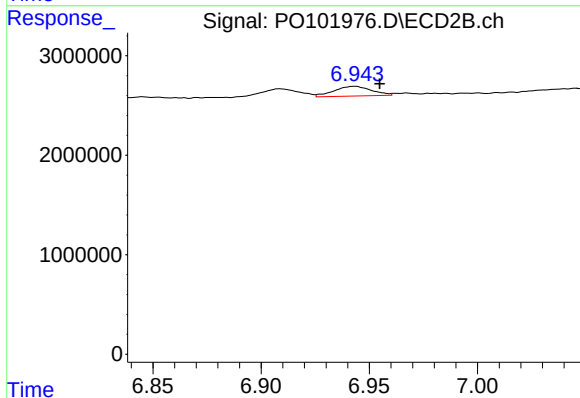
R.T.: 6.705 min
Delta R.T.: -0.008 min
Response: 1275690
Conc: 11.57 ng/ml



#35 AR-1260-5

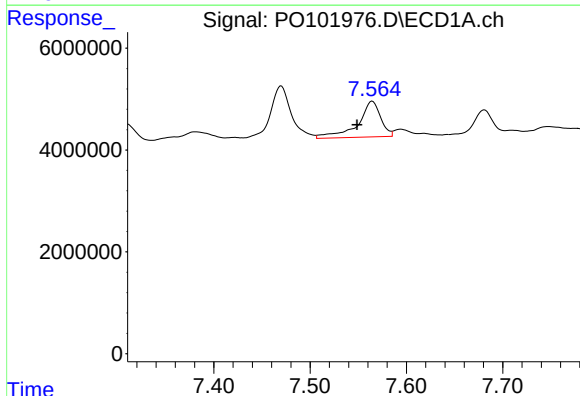
R.T.: 8.146 min
Delta R.T.: -0.011 min
Response: 2054525
Conc: 9.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



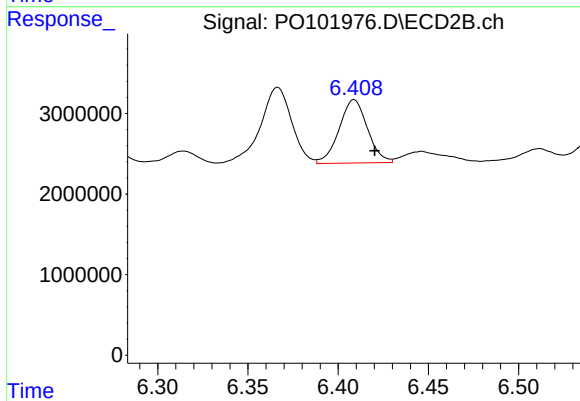
#35 AR-1260-5

R.T.: 6.943 min
Delta R.T.: -0.012 min
Response: 1190514
Conc: 5.04 ng/ml



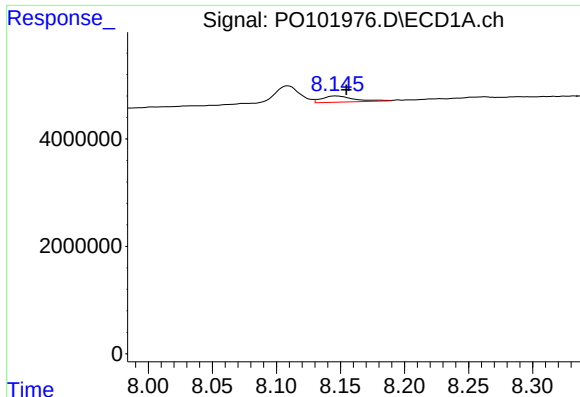
#36 AR-1262-1

R.T.: 7.565 min
Delta R.T.: 0.016 min
Response: 11565159
Conc: 95.82 ng/ml



#36 AR-1262-1

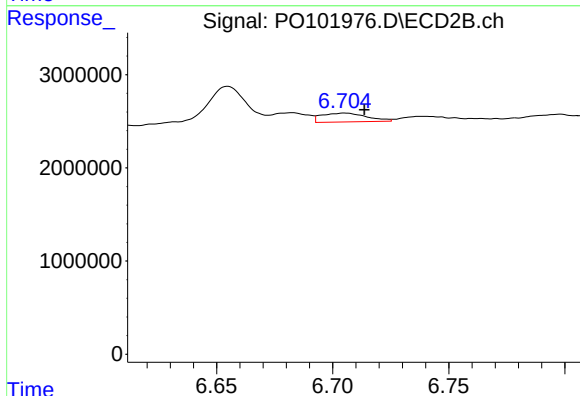
R.T.: 6.409 min
Delta R.T.: -0.011 min
Response: 8618225
Conc: 102.78 ng/ml



#37 AR-1262-2

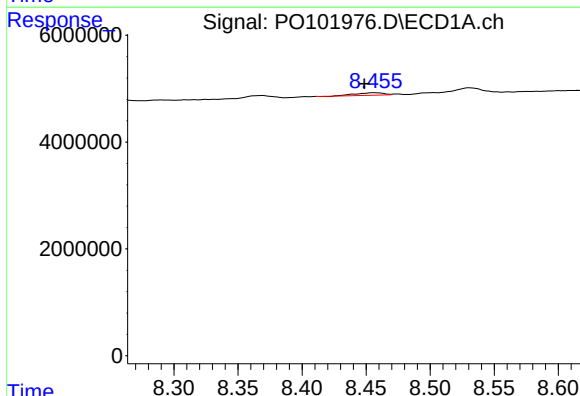
R.T.: 8.146 min
Delta R.T.: -0.008 min
Response: 2054525
Conc: 6.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



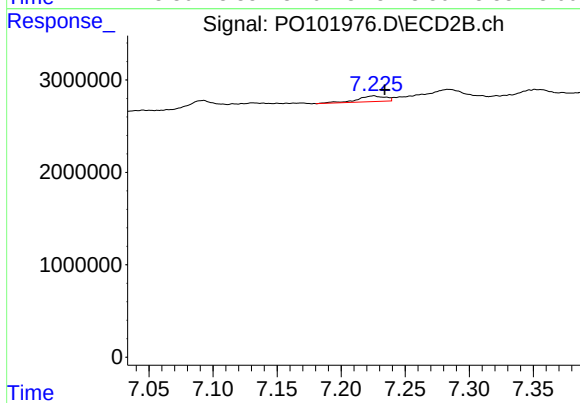
#37 AR-1262-2

R.T.: 6.705 min
Delta R.T.: -0.008 min
Response: 1275690
Conc: 8.39 ng/ml



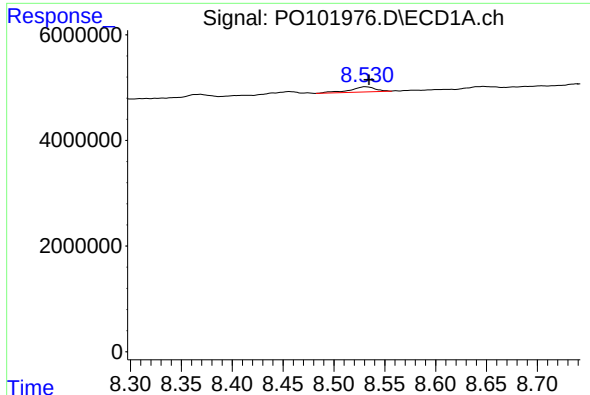
#38 AR-1262-3

R.T.: 8.456 min
Delta R.T.: 0.008 min
Response: 703363
Conc: 3.33 ng/ml



#38 AR-1262-3

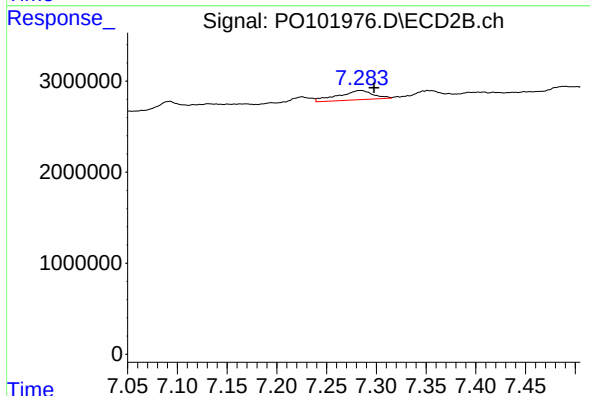
R.T.: 7.225 min
Delta R.T.: -0.009 min
Response: 932303
Conc: 7.88 ng/ml



#39 AR-1262-4

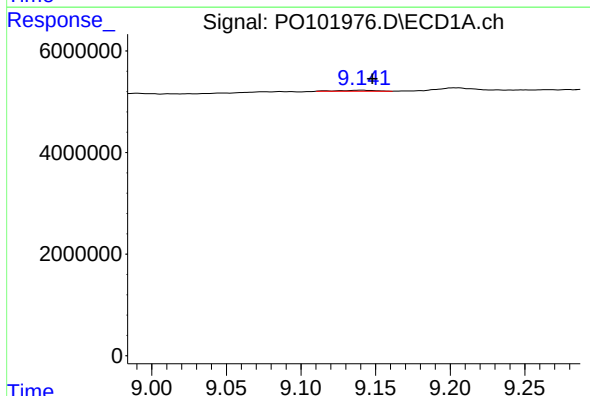
R.T.: 8.531 min
Delta R.T.: -0.003 min
Response: 1706118
Conc: 9.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



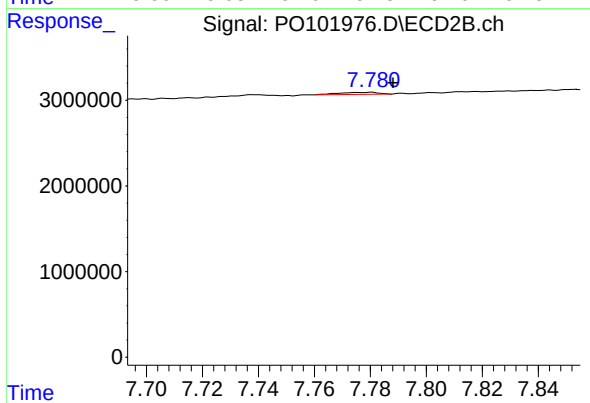
#39 AR-1262-4

R.T.: 7.284 min
Delta R.T.: -0.014 min
Response: 2491929
Conc: 11.59 ng/ml



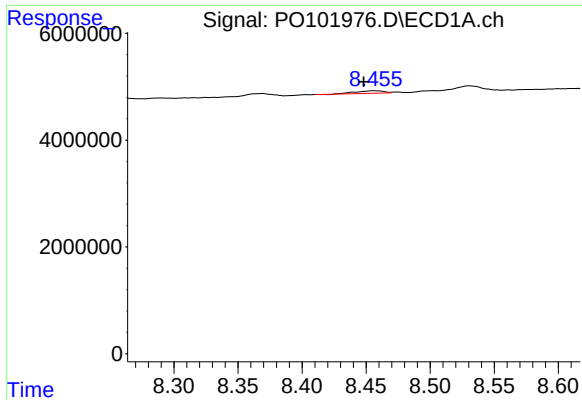
#40 AR-1262-5

R.T.: 9.141 min
Delta R.T.: -0.007 min
Response: 301260
Conc: 2.92 ng/ml



#40 AR-1262-5

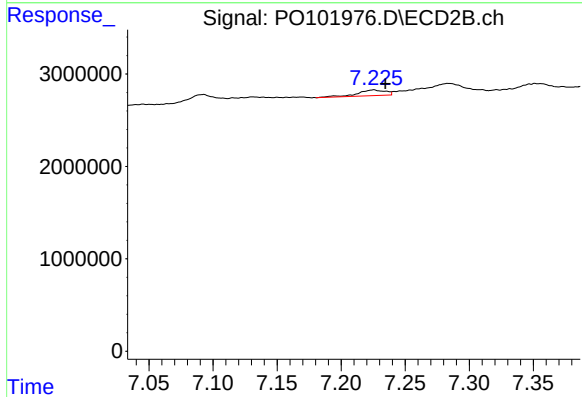
R.T.: 7.780 min
Delta R.T.: -0.008 min
Response: 224337
Conc: 2.49 ng/ml



#41 AR-1268-1

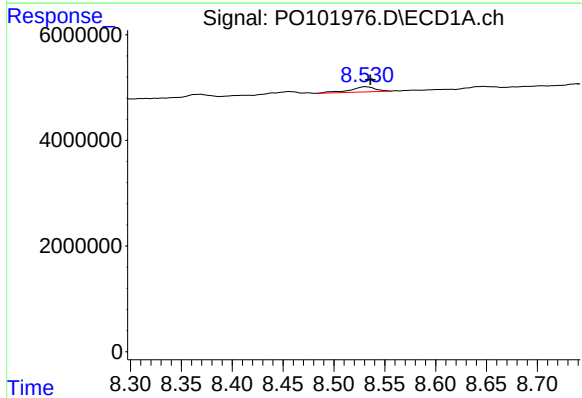
R.T.: 8.456 min
Delta R.T.: 0.008 min
Response: 703363
Conc: 2.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



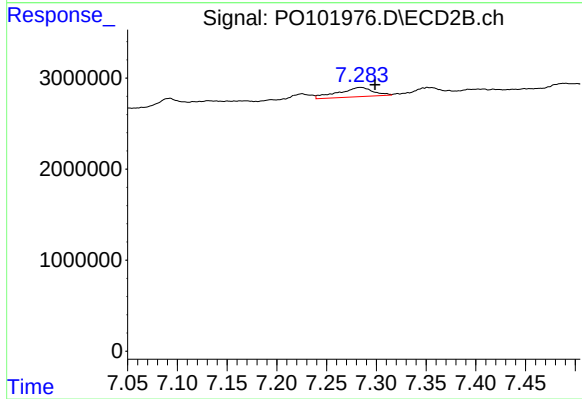
#41 AR-1268-1

R.T.: 7.225 min
Delta R.T.: -0.009 min
Response: 932303
Conc: 3.00 ng/ml



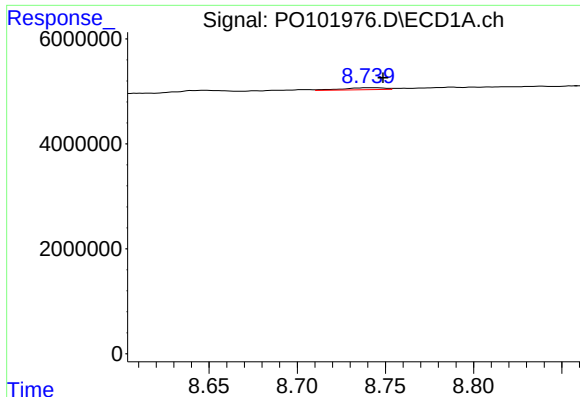
#42 AR-1268-2

R.T.: 8.531 min
Delta R.T.: -0.005 min
Response: 1706118
Conc: 5.13 ng/ml



#42 AR-1268-2

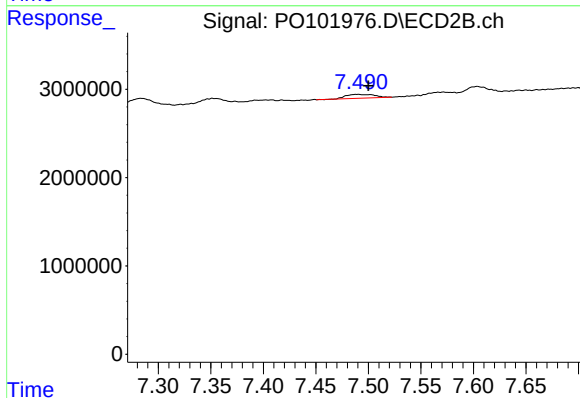
R.T.: 7.284 min
Delta R.T.: -0.015 min
Response: 2491929
Conc: 8.80 ng/ml



#43 AR-1268-3

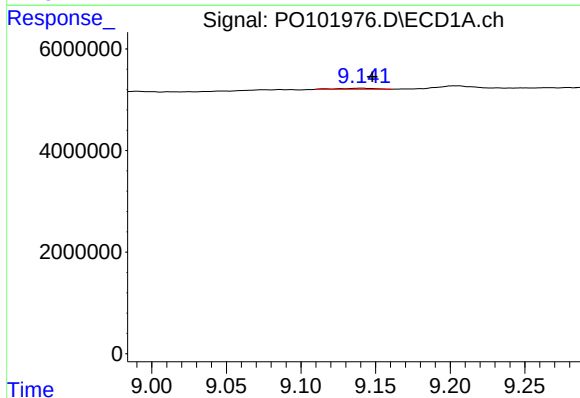
R.T.: 8.740 min
Delta R.T.: -0.009 min
Response: 628109
Conc: 2.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



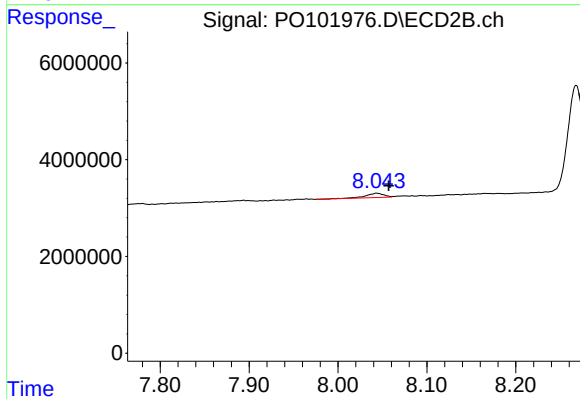
#43 AR-1268-3

R.T.: 7.490 min
Delta R.T.: -0.010 min
Response: 814319
Conc: 3.44 ng/ml



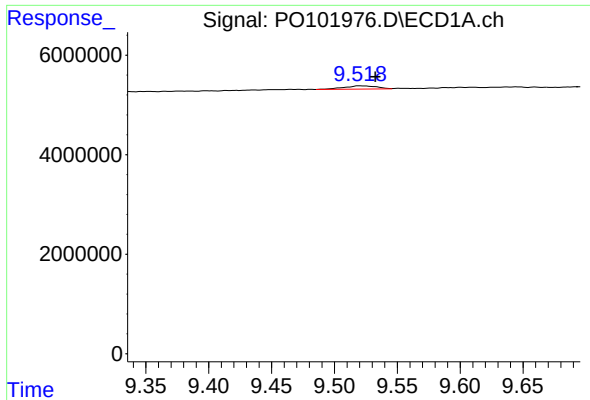
#44 AR-1268-4

R.T.: 9.141 min
Delta R.T.: -0.007 min
Response: 301260
Conc: 3.01 ng/ml



#44 AR-1268-4

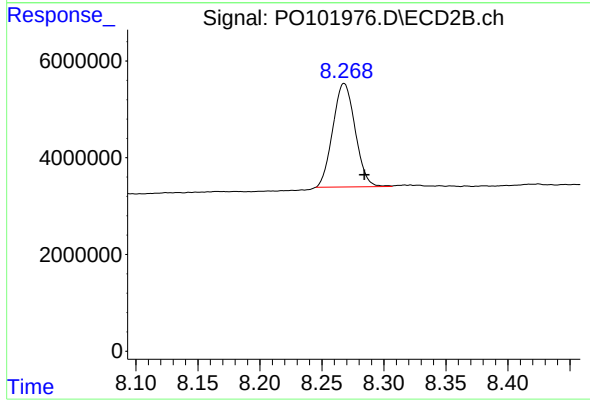
R.T.: 8.044 min
Delta R.T.: -0.013 min
Response: 1293395
Conc: 1.80 ng/ml



#45 AR-1268-5

R.T.: 9.520 min
Delta R.T.: -0.013 min
Response: 1157207
Conc: 1.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
11



#45 AR-1268-5

R.T.: 8.268 min
Delta R.T.: -0.016 min
Response: 26844643
Conc: 78.48 ng/ml