

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040723\
 Data File : P0093985.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 07:39
 Operator : YP/AJ
 Sample : 02213-03
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 13:25:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 2023
 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...	4.418	3.623	68762103	25218256	18.394	19.804
2)	SA Decachlor...	10.239	8.640	54666847	24787938	24.438	24.793
Target Compounds							
3)	L1 AR-1016-1	5.594	4.706	3085201	1061757	30.169	29.923
4)	L1 AR-1016-2	5.616	4.724	4505926	1647458	28.910	30.502
5)	L1 AR-1016-3	5.678	4.900	3419682	739002	34.671	26.073
6)	L1 AR-1016-4	5.777	4.943	1891369	683849	25.723	25.898
7)	L1 AR-1016-5	6.075	5.156	2530888	1067520	29.894	32.624
8)	L2 AR-1221-1	4.625	0.000	417235	0	9.047	N.D. #
9)	L2 AR-1221-2	4.722	3.921	1301373	492984	37.912	41.770
10)	L2 AR-1221-3	4.791	3.997	1891381	662902	18.059	17.995
11)	L3 AR-1232-1	4.791	3.997	1891381	662902	21.671	21.219
12)	L3 AR-1232-2	5.324	4.724	2481688	1647458	58.031	62.230
13)	L3 AR-1232-3	5.616	4.900	4505926	739002	61.342	56.031
14)	L3 AR-1232-4	5.777	4.984	1891369	687938	54.946	48.409
15)	L3 AR-1232-5	5.871	5.156	2040162	1067520	64.232	69.102
16)	L4 AR-1242-1	5.594	4.706	3085201	1061757	35.347	34.503
17)	L4 AR-1242-2	5.616	4.724	4505926	1647458	33.888	35.819
18)	L4 AR-1242-3	5.678	4.900	3419682	739002	40.285	30.494
19)	L4 AR-1242-4	5.777	4.984	1891369	687938	30.271	24.505
20)	L4 AR-1242-5	6.521	5.507	816239	920114	12.123	32.272 #
21)	L5 AR-1248-1	5.594	4.706	3085201	1061757	45.855	44.515
22)	L5 AR-1248-2	5.871	4.943	2040162	683849	18.651	17.168
23)	L5 AR-1248-3	6.075	4.984	2530888	687938	20.965	16.482
24)	L5 AR-1248-4	6.483	5.156	894187	1067520	8.326	22.702 #
25)	L5 AR-1248-5	6.521	5.507f	816239	920114	7.035	24.646 #
26)	L6 AR-1254-1	6.456	5.507	2032616	920114	14.987	13.461
27)	L6 AR-1254-2	6.676	5.656	1704939	781700	8.722	12.835 #
28)	L6 AR-1254-3	7.047	6.075	1016428	1305019	5.502	14.327 #
29)	L6 AR-1254-4	7.333	6.319	612353	375629	6.038	8.819 #
30)	L6 AR-1254-5	7.755	6.707	6344863	2166368	46.790	30.025 #
31)	L7 AR-1260-1	7.211	6.190	3733912	2019523	25.581	30.969
32)	L7 AR-1260-2	7.471	6.379	5137489	2317535	32.098	31.911
33)	L7 AR-1260-3	7.833	6.532	3628397	2238503	27.327	30.845
34)	L7 AR-1260-4	8.060	7.006	4281574	1762789	31.084	31.743
35)	L7 AR-1260-5	8.386	7.249	7878997	3330560	36.177	32.094
36)	L8 AR-1262-1	7.833	6.800	3628397	890651	21.241	25.456
37)	L8 AR-1262-2	8.386	7.006	7878997	1762789	33.895	24.950 #
38)	L8 AR-1262-3	8.717	7.534	4554874	1071354	27.807	21.413
39)	L8 AR-1262-4	8.791	7.597	1769523	2612946	17.661	31.507 #
40)	L8 AR-1262-5	9.466	8.095	2630467	723020	32.682	22.226 #
41)	L9 AR-1268-1	8.717	7.534	4554874	1071354	13.534	7.013 #

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 Misc : AR1660 MDL 25 PPB
 ALS Vial : 50 Sample Multiplier: 1

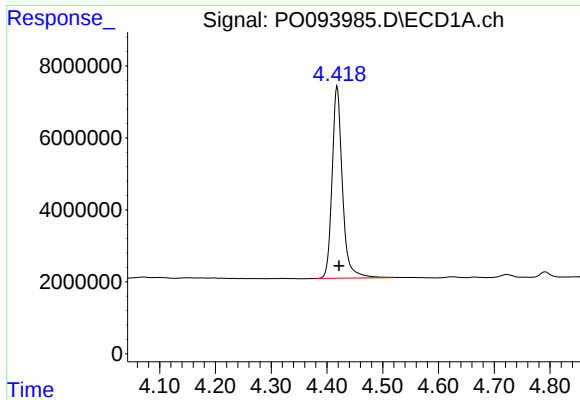
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.791	7.597	1769523	2612946	5.498	19.232 #
43) L9	AR-1268-3	9.032	0.000	503003	0	1.774	N.D. #
44) L9	AR-1268-4	9.466	8.095	2630467	723020	27.206	18.265 #
45) L9	AR-1268-5	9.889	0.000	543326	0	0.647	N.D. #

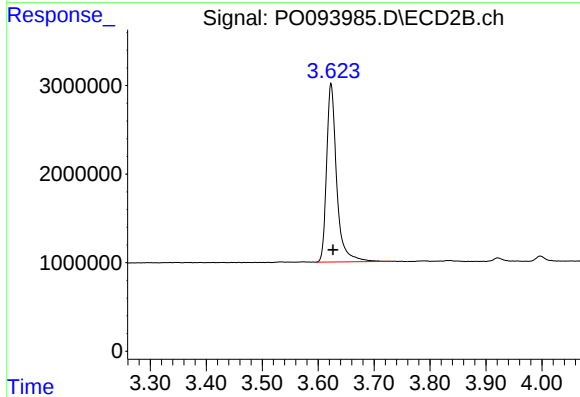
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

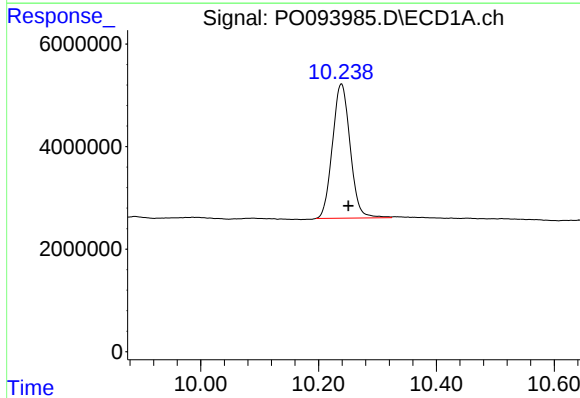
R.T.: 4.418 min
Delta R.T.: -0.004 min
Response: 68762103
Conc: 18.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



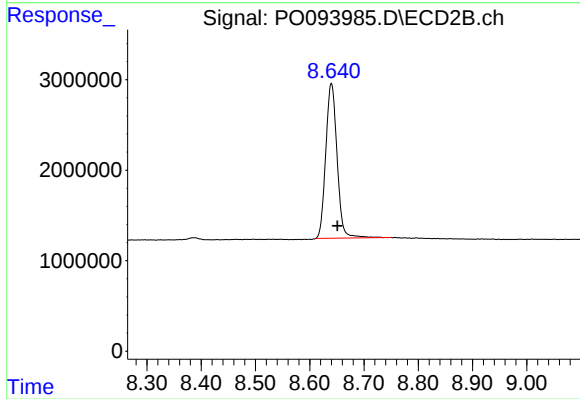
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.004 min
Response: 25218256
Conc: 19.80 ng/ml



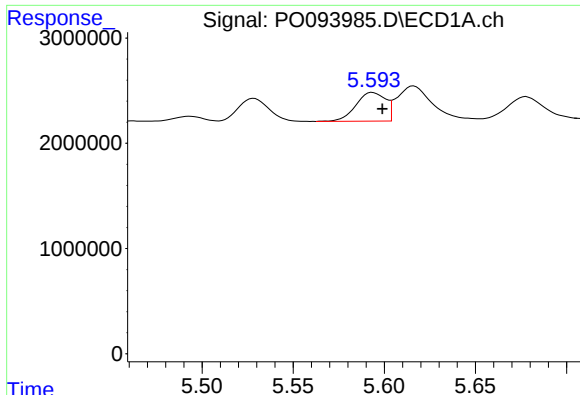
#2 Decachlorobiphenyl

R.T.: 10.239 min
Delta R.T.: -0.012 min
Response: 54666847
Conc: 24.44 ng/ml



#2 Decachlorobiphenyl

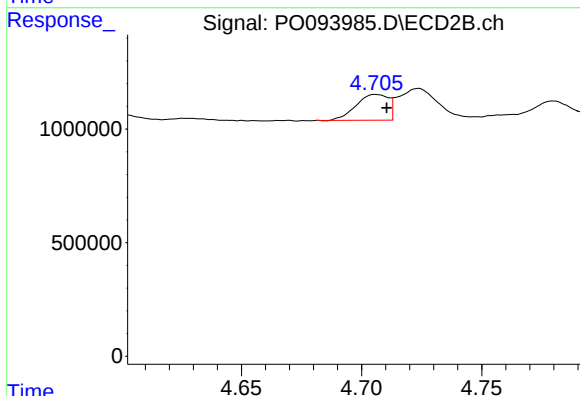
R.T.: 8.640 min
Delta R.T.: -0.011 min
Response: 24787938
Conc: 24.79 ng/ml



#3 AR-1016-1

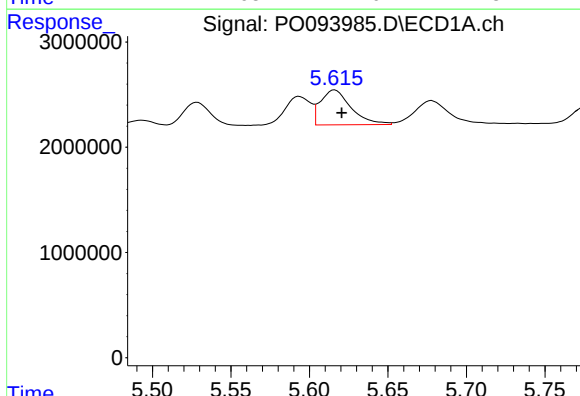
R.T.: 5.594 min
Delta R.T.: -0.005 min
Response: 3085201
Conc: 30.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



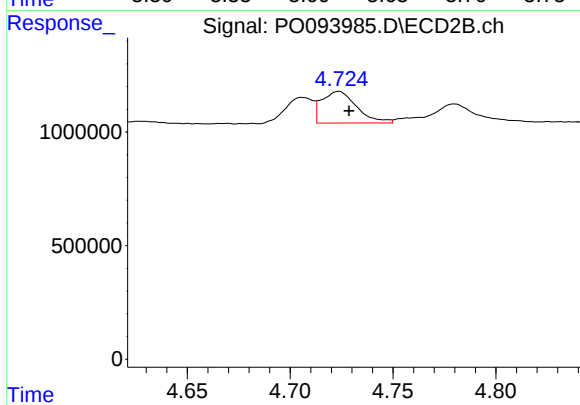
#3 AR-1016-1

R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 1061757
Conc: 29.92 ng/ml



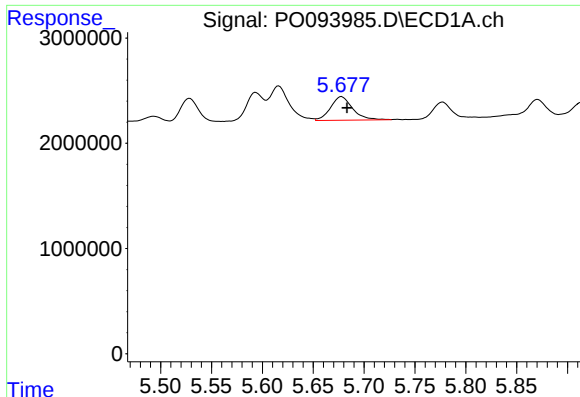
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: -0.004 min
Response: 4505926
Conc: 28.91 ng/ml



#4 AR-1016-2

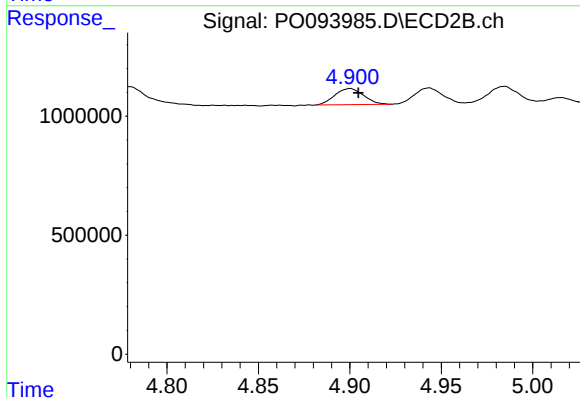
R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 1647458
Conc: 30.50 ng/ml



#5 AR-1016-3

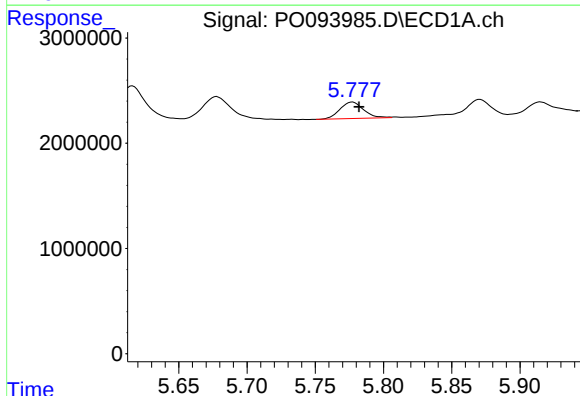
R.T.: 5.678 min
Delta R.T.: -0.006 min
Response: 3419682
Conc: 34.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



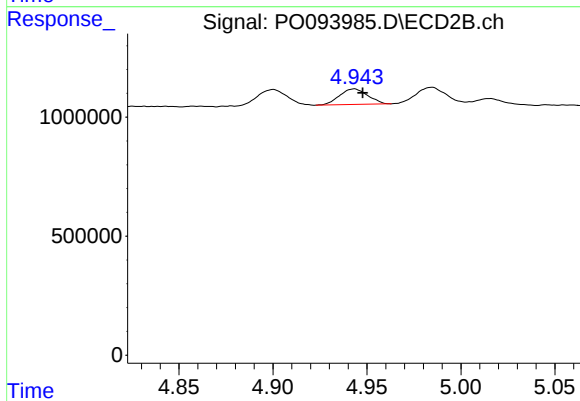
#5 AR-1016-3

R.T.: 4.900 min
Delta R.T.: -0.005 min
Response: 739002
Conc: 26.07 ng/ml



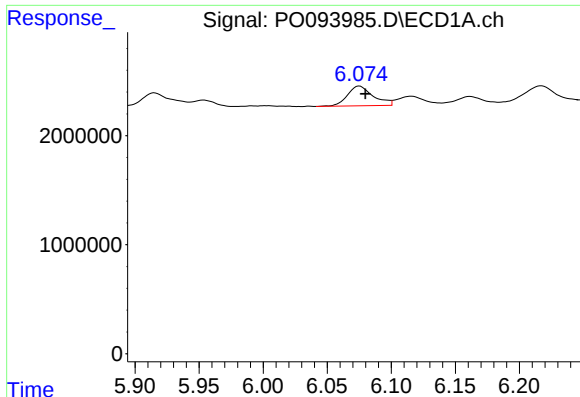
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 1891369
Conc: 25.72 ng/ml



#6 AR-1016-4

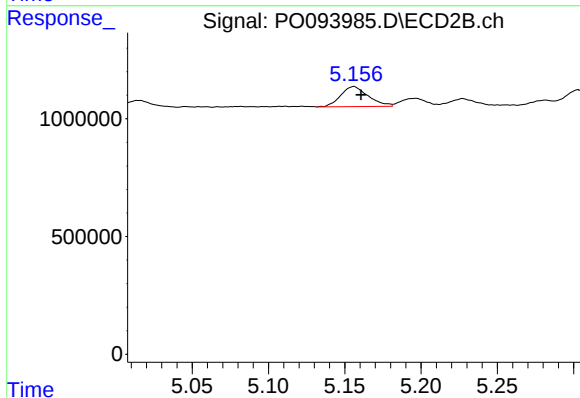
R.T.: 4.943 min
Delta R.T.: -0.005 min
Response: 683849
Conc: 25.90 ng/ml



#7 AR-1016-5

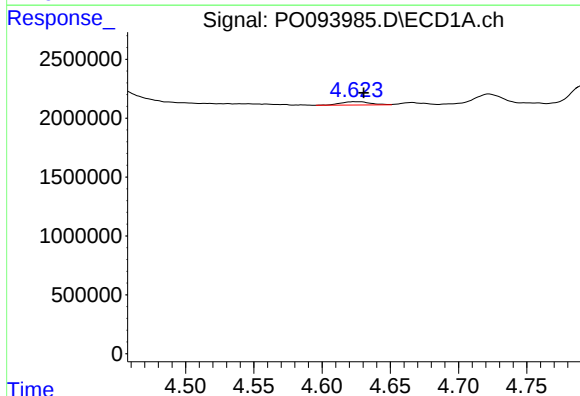
R.T.: 6.075 min
Delta R.T.: -0.005 min
Response: 2530888
Conc: 29.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



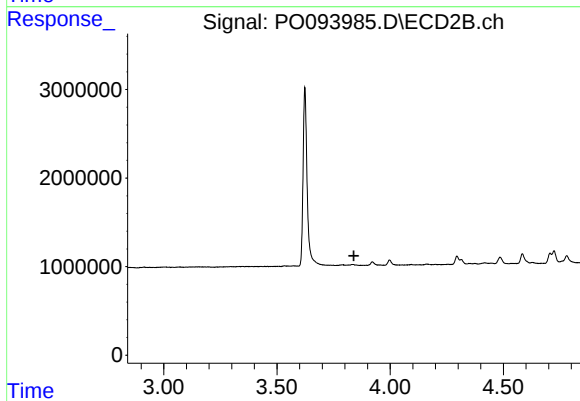
#7 AR-1016-5

R.T.: 5.156 min
Delta R.T.: -0.005 min
Response: 1067520
Conc: 32.62 ng/ml



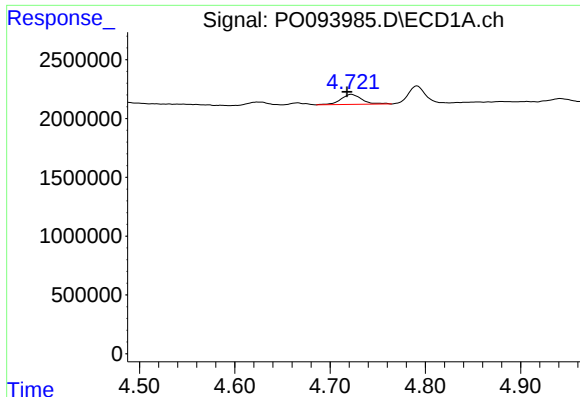
#8 AR-1221-1

R.T.: 4.625 min
Delta R.T.: -0.006 min
Response: 417235
Conc: 9.05 ng/ml



#8 AR-1221-1

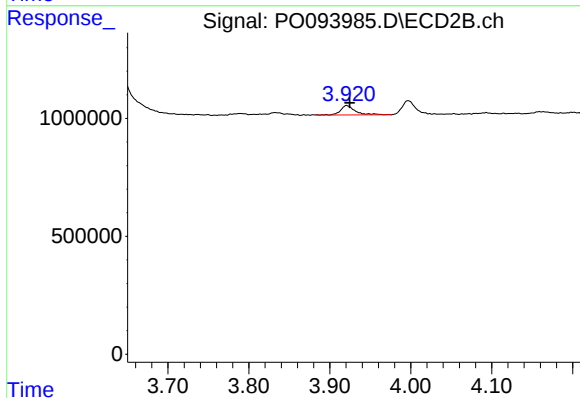
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

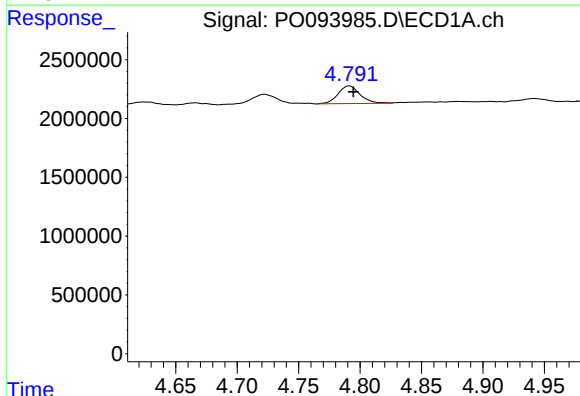
R.T.: 4.722 min
Delta R.T.: 0.004 min
Response: 1301373
Conc: 37.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



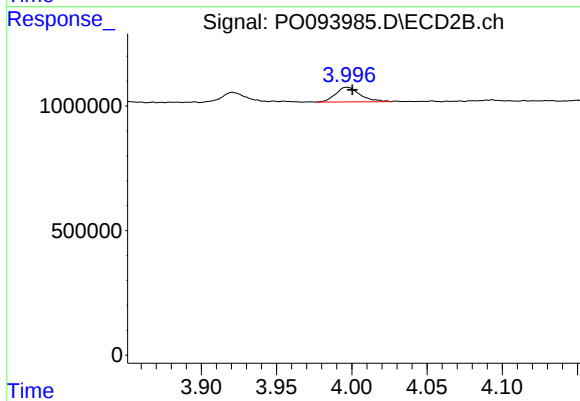
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 492984
Conc: 41.77 ng/ml



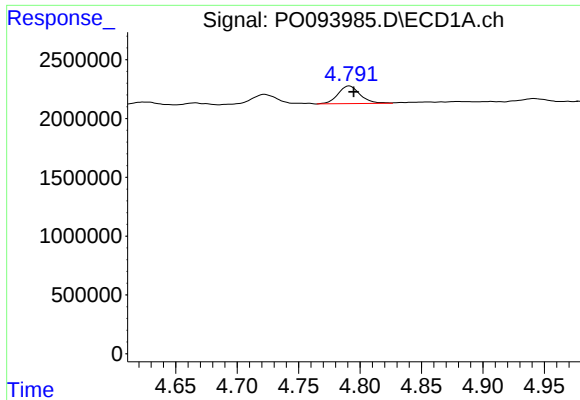
#10 AR-1221-3

R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 1891381
Conc: 18.06 ng/ml



#10 AR-1221-3

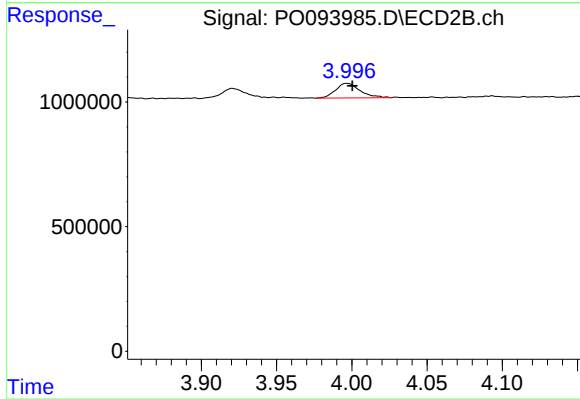
R.T.: 3.997 min
Delta R.T.: -0.004 min
Response: 662902
Conc: 18.00 ng/ml



#11 AR-1232-1

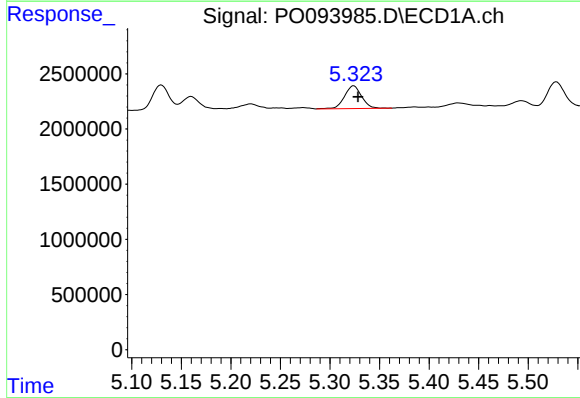
R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 1891381
Conc: 21.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



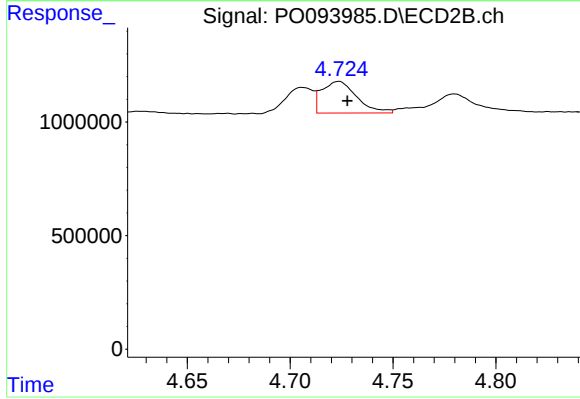
#11 AR-1232-1

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 662902
Conc: 21.22 ng/ml



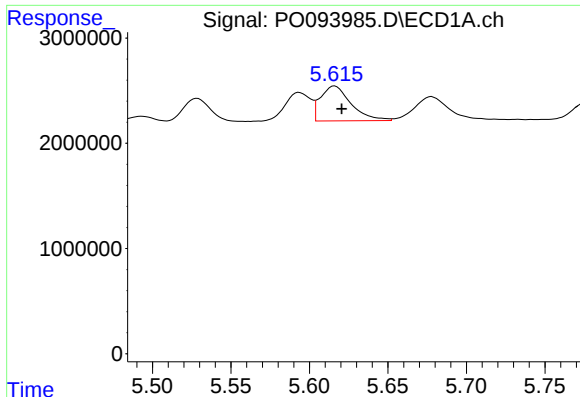
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: -0.004 min
Response: 2481688
Conc: 58.03 ng/ml



#12 AR-1232-2

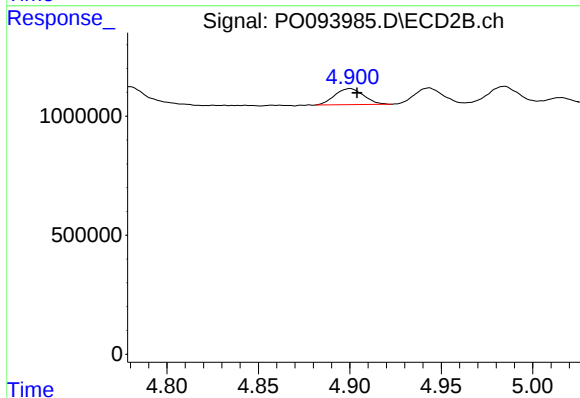
R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 1647458
Conc: 62.23 ng/ml



#13 AR-1232-3

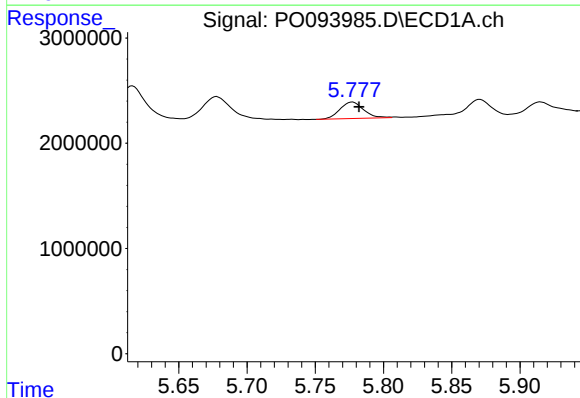
R.T.: 5.616 min
Delta R.T.: -0.004 min
Response: 4505926
Conc: 61.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



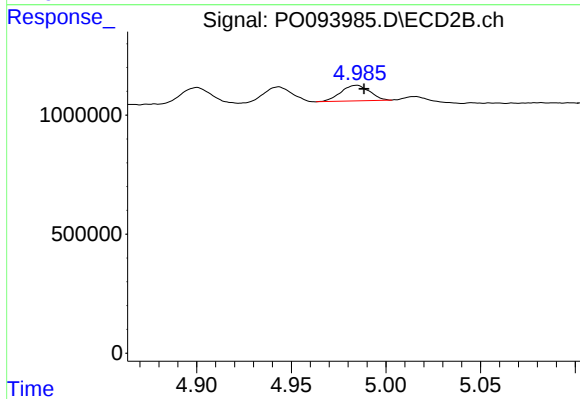
#13 AR-1232-3

R.T.: 4.900 min
Delta R.T.: -0.004 min
Response: 739002
Conc: 56.03 ng/ml



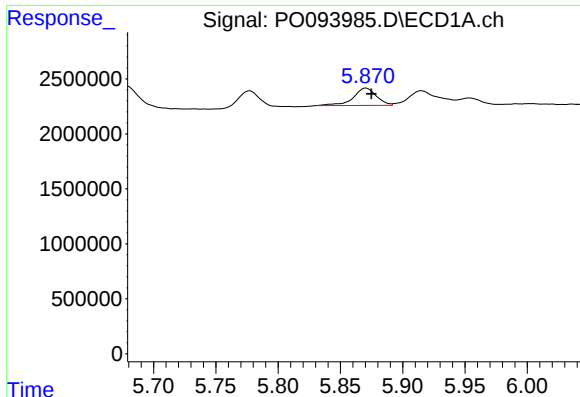
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 1891369
Conc: 54.95 ng/ml



#14 AR-1232-4

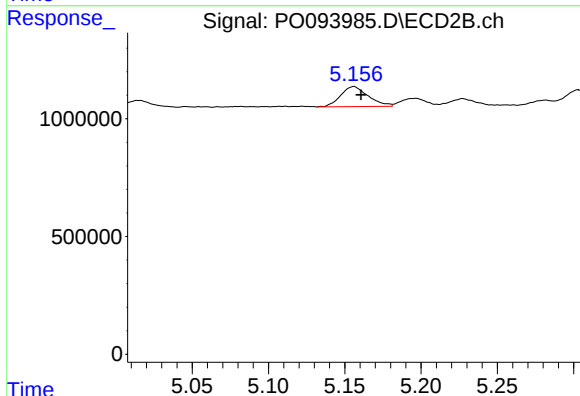
R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 687938
Conc: 48.41 ng/ml



#15 AR-1232-5

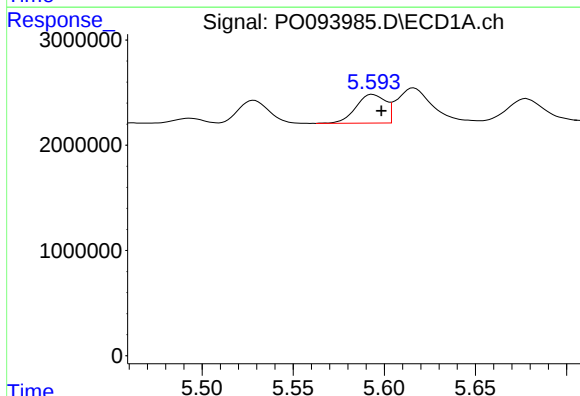
R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 2040162
Conc: 64.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



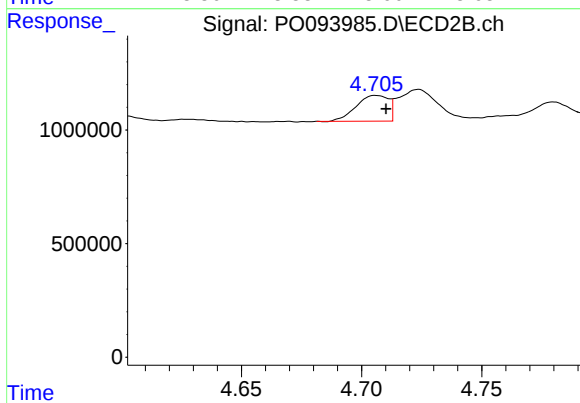
#15 AR-1232-5

R.T.: 5.156 min
Delta R.T.: -0.005 min
Response: 1067520
Conc: 69.10 ng/ml



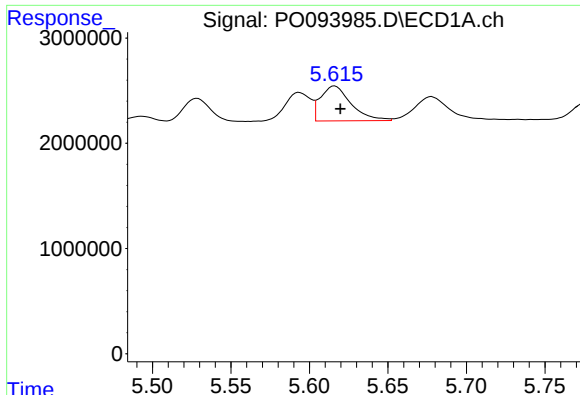
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: -0.005 min
Response: 3085201
Conc: 35.35 ng/ml



#16 AR-1242-1

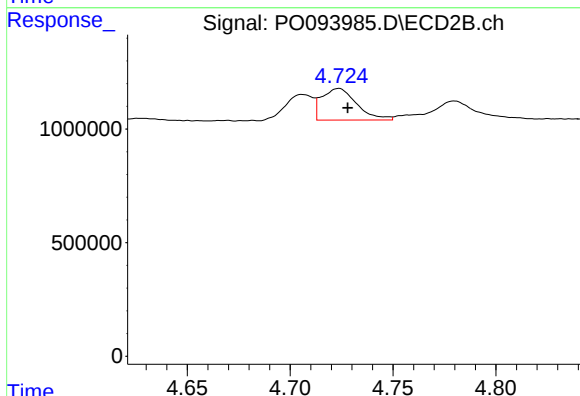
R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 1061757
Conc: 34.50 ng/ml



#17 AR-1242-2

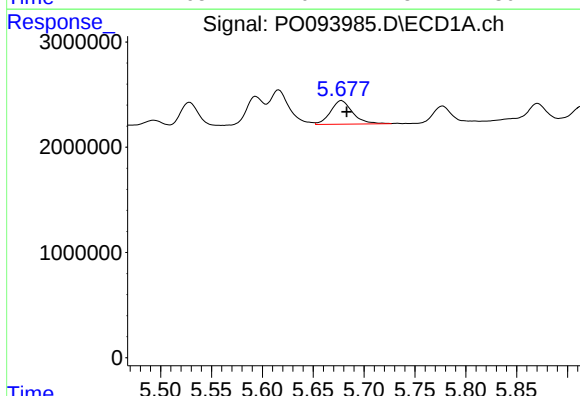
R.T.: 5.616 min
Delta R.T.: -0.004 min
Response: 4505926
Conc: 33.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



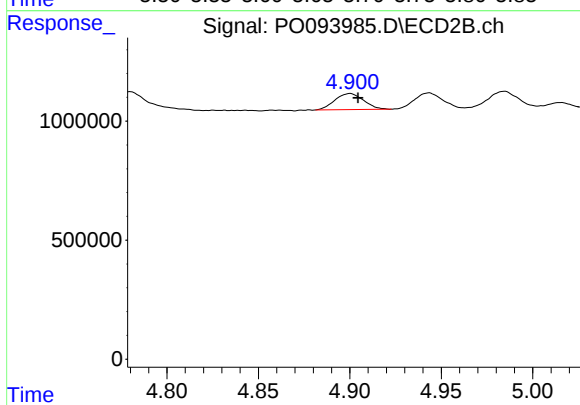
#17 AR-1242-2

R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 1647458
Conc: 35.82 ng/ml



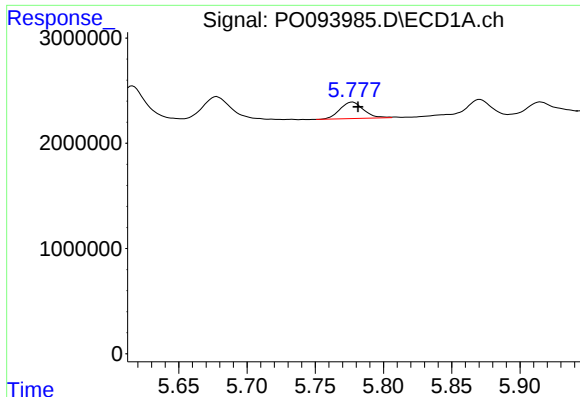
#18 AR-1242-3

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 3419682
Conc: 40.28 ng/ml



#18 AR-1242-3

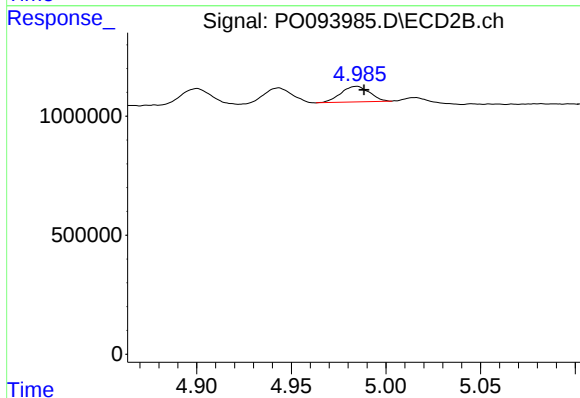
R.T.: 4.900 min
Delta R.T.: -0.004 min
Response: 739002
Conc: 30.49 ng/ml



#19 AR-1242-4

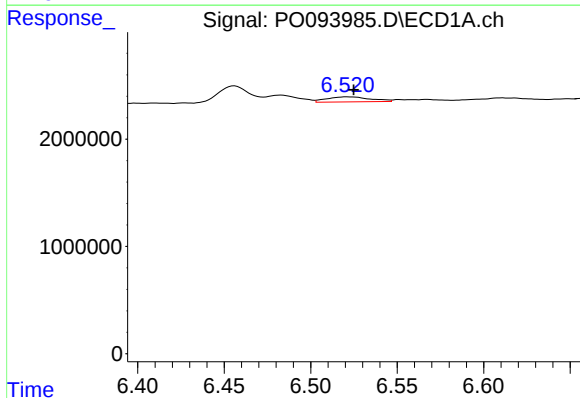
R.T.: 5.777 min
Delta R.T.: -0.004 min
Response: 1891369
Conc: 30.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



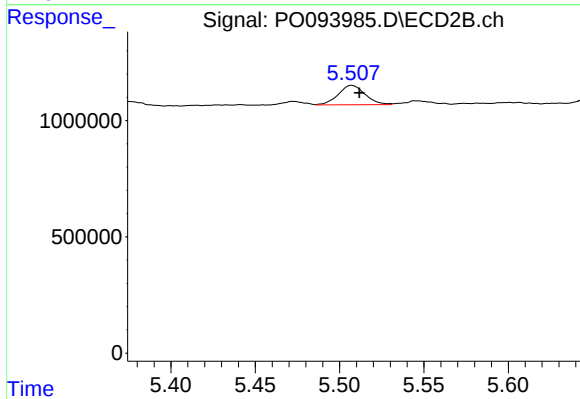
#19 AR-1242-4

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 687938
Conc: 24.50 ng/ml



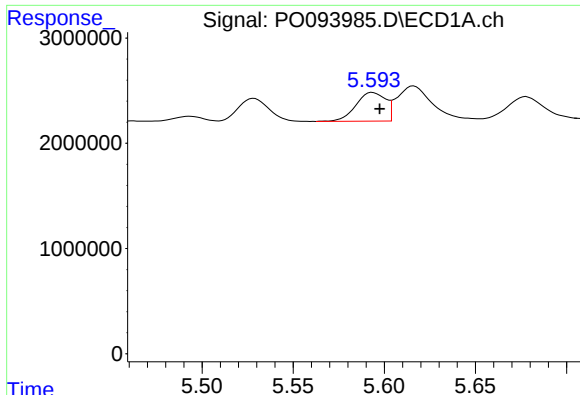
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 816239
Conc: 12.12 ng/ml



#20 AR-1242-5

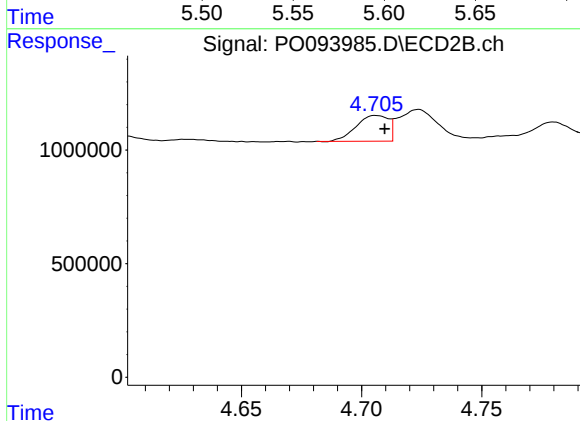
R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 920114
Conc: 32.27 ng/ml



#21 AR-1248-1

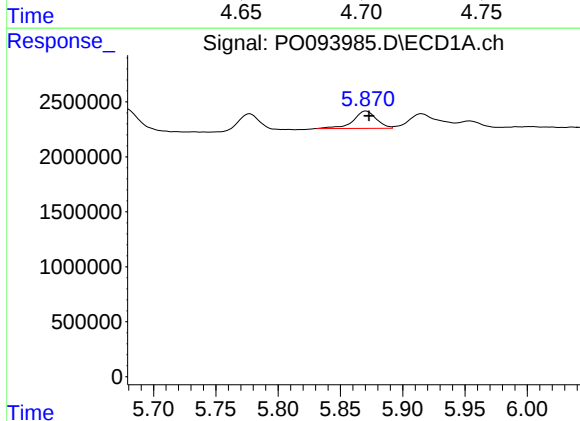
R.T.: 5.594 min
Delta R.T.: -0.004 min
Response: 3085201
Conc: 45.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



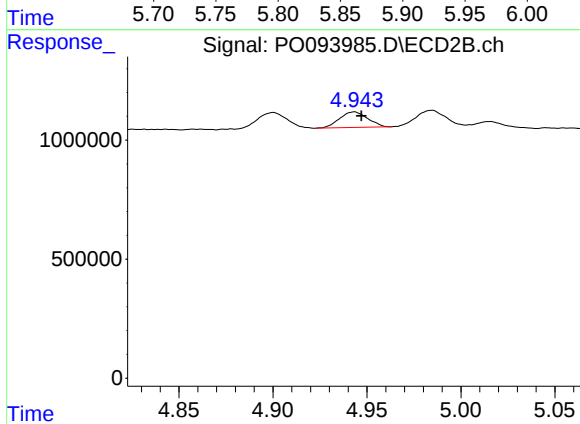
#21 AR-1248-1

R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 1061757
Conc: 44.52 ng/ml



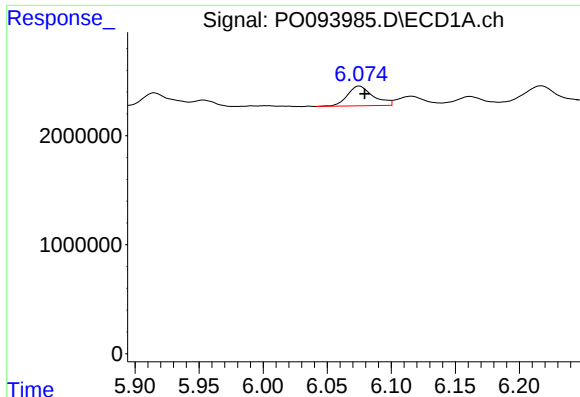
#22 AR-1248-2

R.T.: 5.871 min
Delta R.T.: -0.003 min
Response: 2040162
Conc: 18.65 ng/ml



#22 AR-1248-2

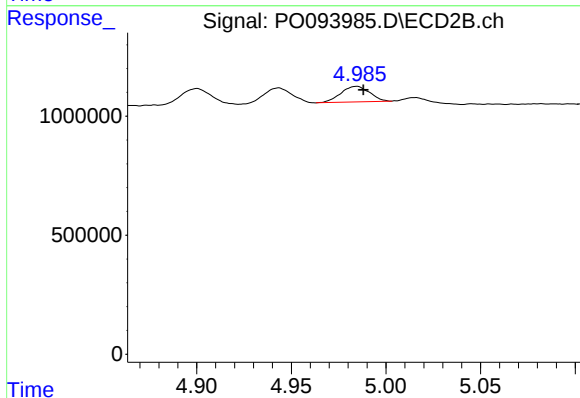
R.T.: 4.943 min
Delta R.T.: -0.004 min
Response: 683849
Conc: 17.17 ng/ml



#23 AR-1248-3

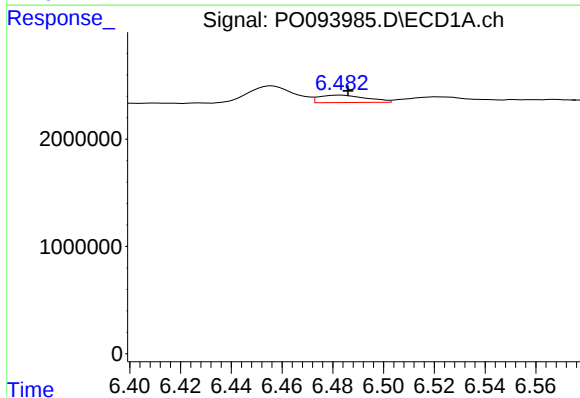
R.T.: 6.075 min
Delta R.T.: -0.004 min
Response: 2530888
Conc: 20.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



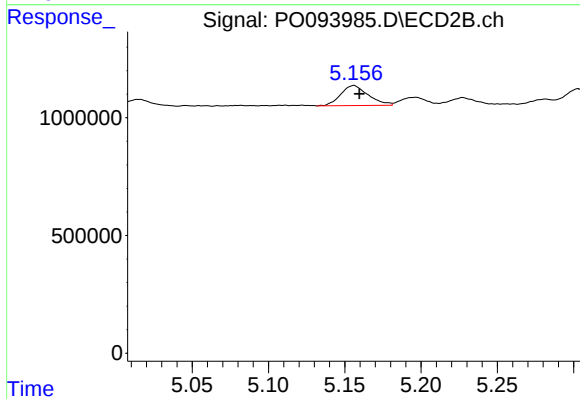
#23 AR-1248-3

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 687938
Conc: 16.48 ng/ml



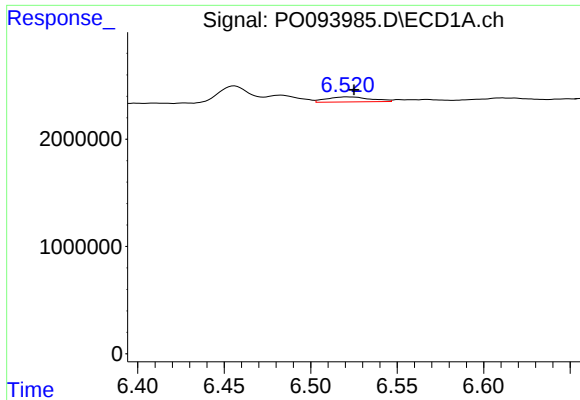
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 894187
Conc: 8.33 ng/ml



#24 AR-1248-4

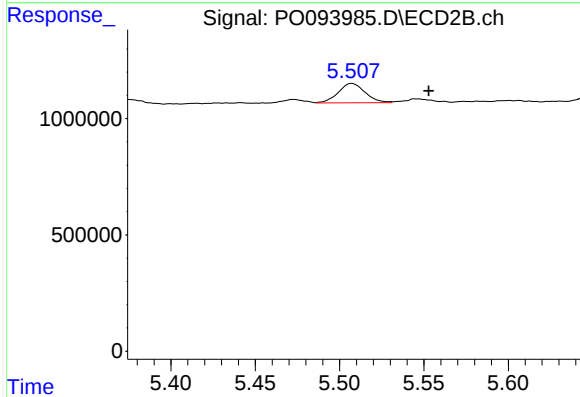
R.T.: 5.156 min
Delta R.T.: -0.004 min
Response: 1067520
Conc: 22.70 ng/ml



#25 AR-1248-5

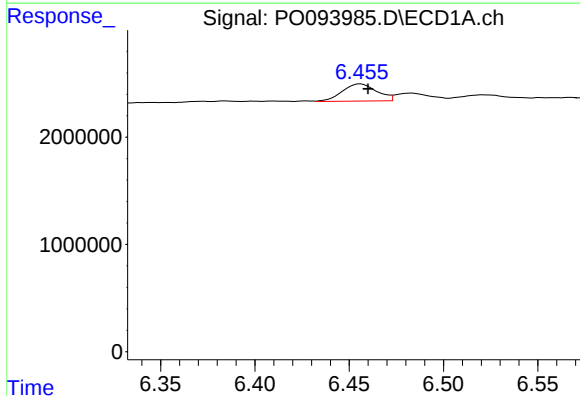
R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 816239
Conc: 7.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



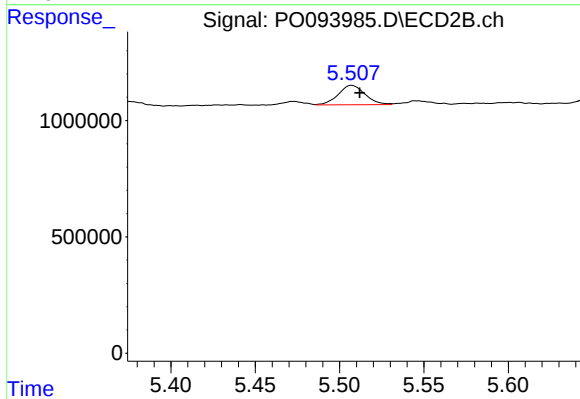
#25 AR-1248-5

R.T.: 5.507 min
Delta R.T.: -0.046 min
Response: 920114
Conc: 24.65 ng/ml



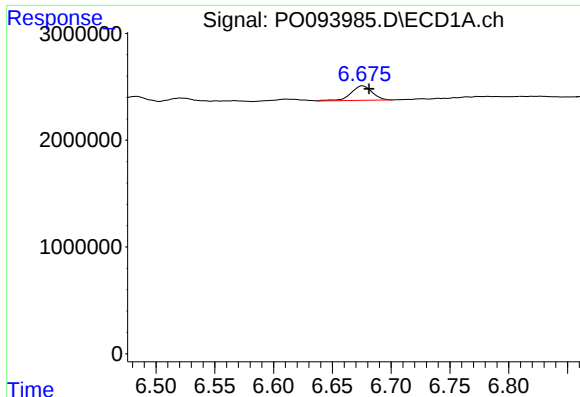
#26 AR-1254-1

R.T.: 6.456 min
Delta R.T.: -0.004 min
Response: 2032616
Conc: 14.99 ng/ml



#26 AR-1254-1

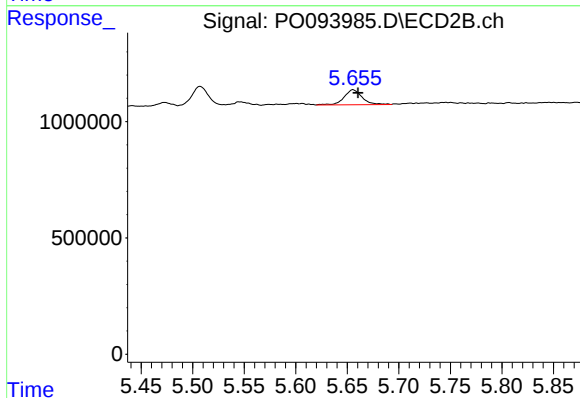
R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 920114
Conc: 13.46 ng/ml



#27 AR-1254-2

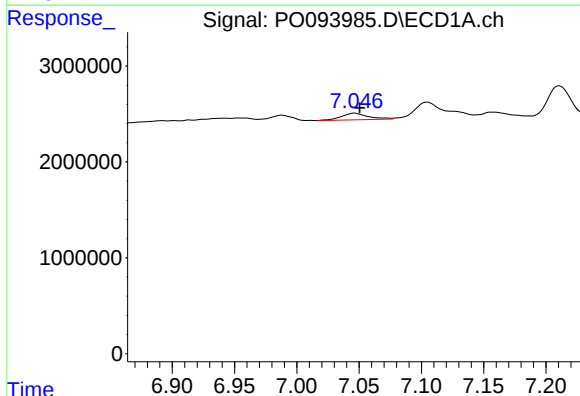
R.T.: 6.676 min
Delta R.T.: -0.006 min
Response: 1704939
Conc: 8.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



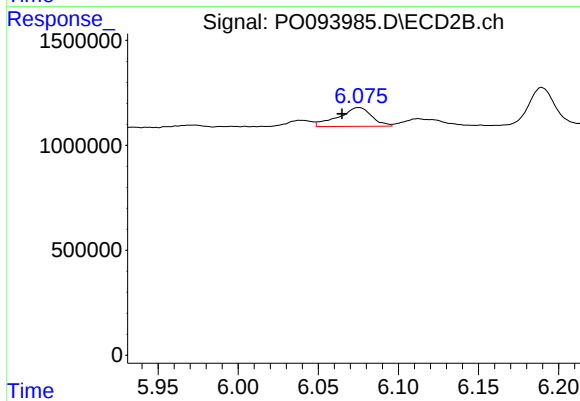
#27 AR-1254-2

R.T.: 5.656 min
Delta R.T.: -0.005 min
Response: 781700
Conc: 12.83 ng/ml



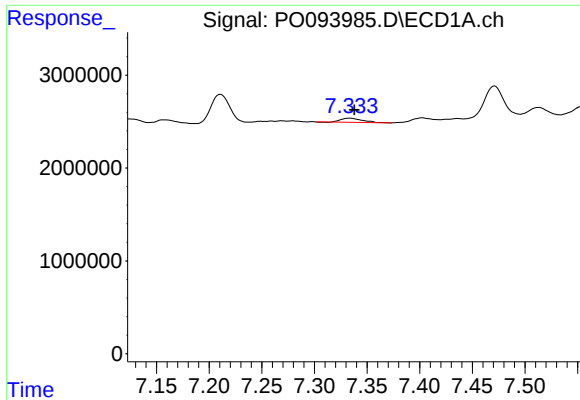
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: -0.004 min
Response: 1016428
Conc: 5.50 ng/ml



#28 AR-1254-3

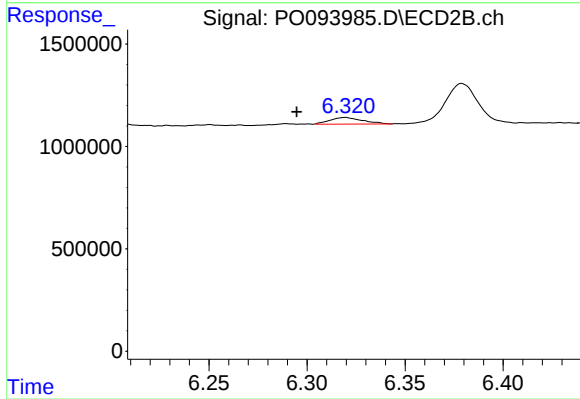
R.T.: 6.075 min
Delta R.T.: 0.010 min
Response: 1305019
Conc: 14.33 ng/ml



#29 AR-1254-4

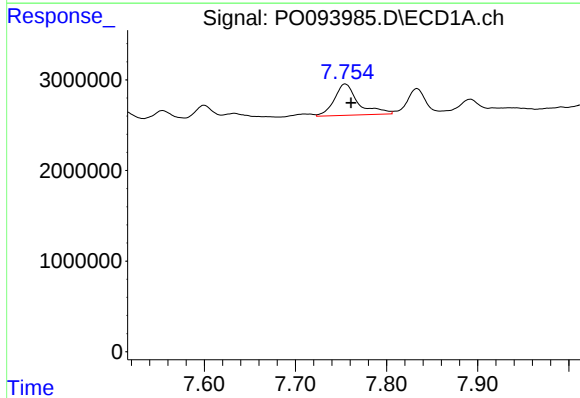
R.T.: 7.333 min
Delta R.T.: -0.005 min
Response: 612353
Conc: 6.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



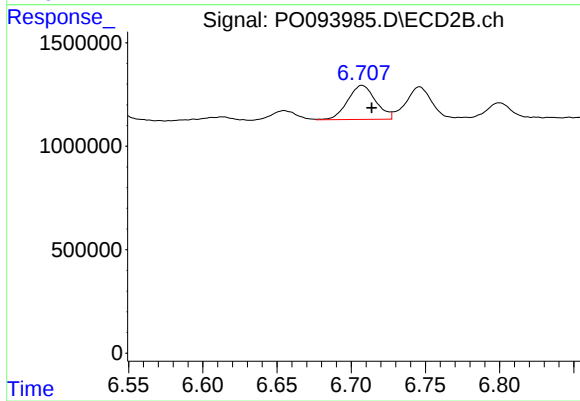
#29 AR-1254-4

R.T.: 6.319 min
Delta R.T.: 0.025 min
Response: 375629
Conc: 8.82 ng/ml



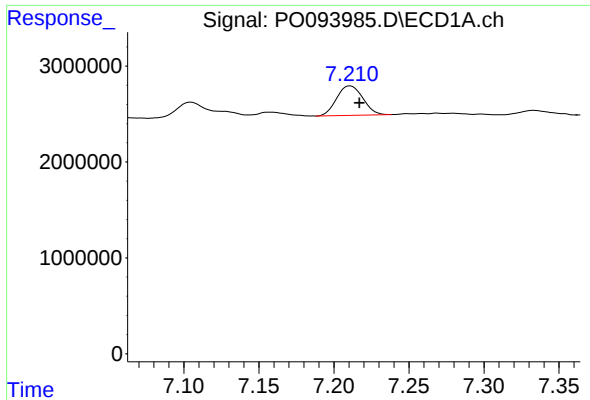
#30 AR-1254-5

R.T.: 7.755 min
Delta R.T.: -0.006 min
Response: 6344863
Conc: 46.79 ng/ml



#30 AR-1254-5

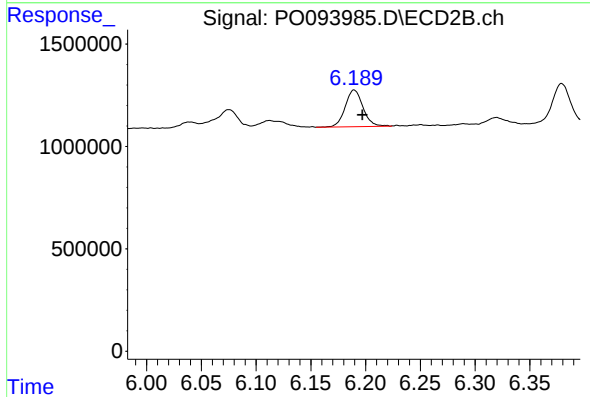
R.T.: 6.707 min
Delta R.T.: -0.007 min
Response: 2166368
Conc: 30.02 ng/ml



#31 AR-1260-1

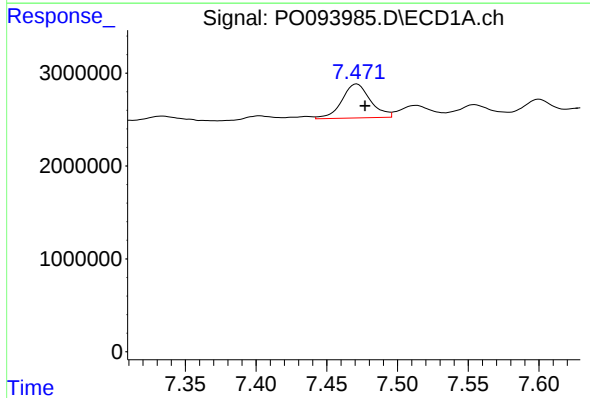
R.T.: 7.211 min
Delta R.T.: -0.006 min
Response: 3733912
Conc: 25.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



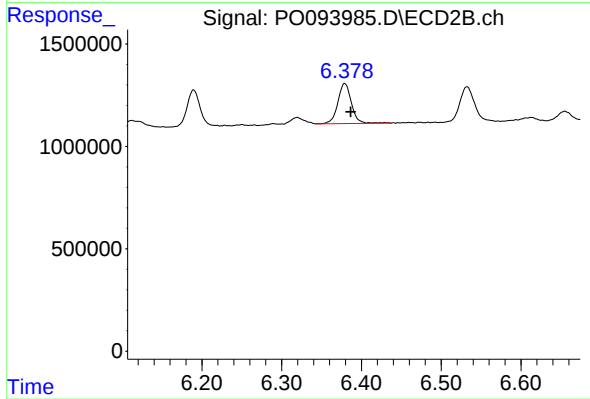
#31 AR-1260-1

R.T.: 6.190 min
Delta R.T.: -0.008 min
Response: 2019523
Conc: 30.97 ng/ml



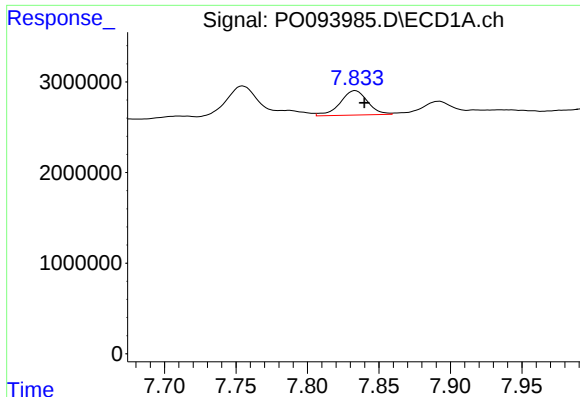
#32 AR-1260-2

R.T.: 7.471 min
Delta R.T.: -0.006 min
Response: 5137489
Conc: 32.10 ng/ml



#32 AR-1260-2

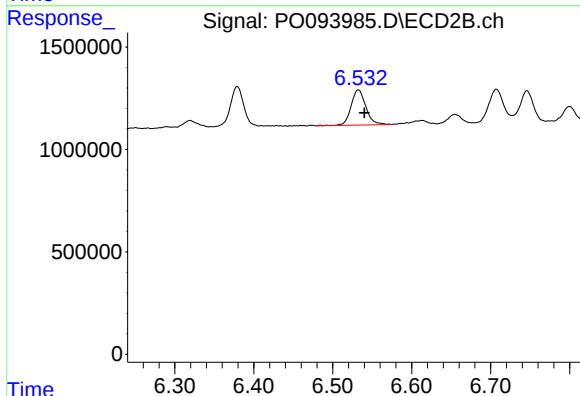
R.T.: 6.379 min
Delta R.T.: -0.008 min
Response: 2317535
Conc: 31.91 ng/ml



#33 AR-1260-3

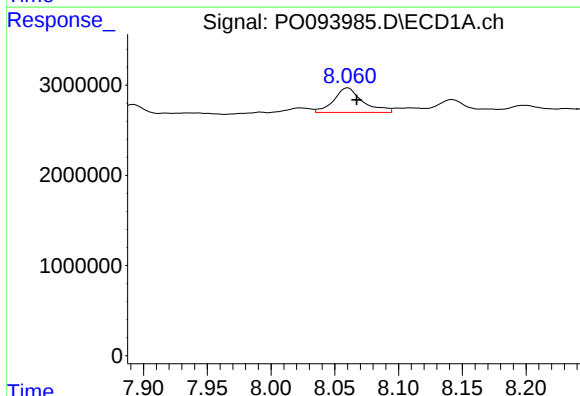
R.T.: 7.833 min
Delta R.T.: -0.006 min
Response: 3628397
Conc: 27.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



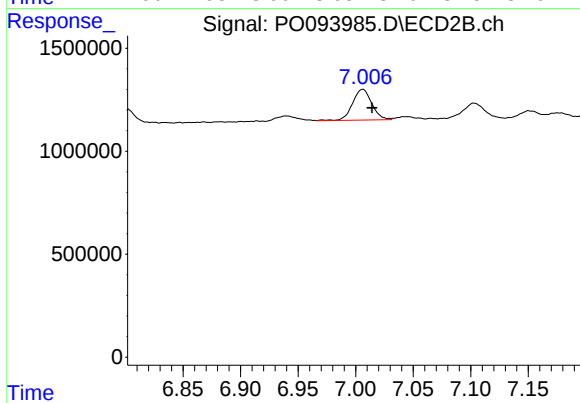
#33 AR-1260-3

R.T.: 6.532 min
Delta R.T.: -0.008 min
Response: 2238503
Conc: 30.84 ng/ml



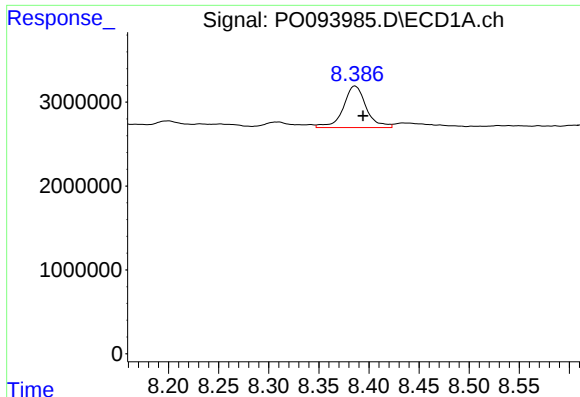
#34 AR-1260-4

R.T.: 8.060 min
Delta R.T.: -0.007 min
Response: 4281574
Conc: 31.08 ng/ml



#34 AR-1260-4

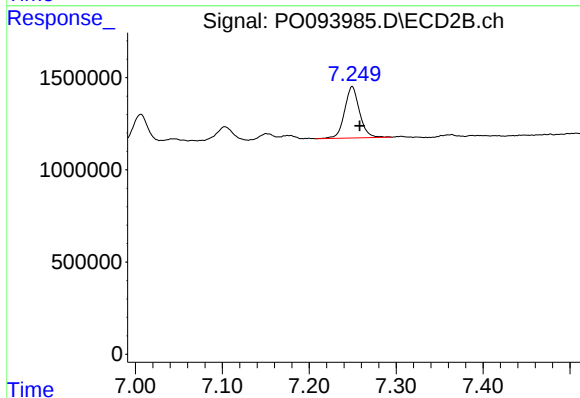
R.T.: 7.006 min
Delta R.T.: -0.008 min
Response: 1762789
Conc: 31.74 ng/ml



#35 AR-1260-5

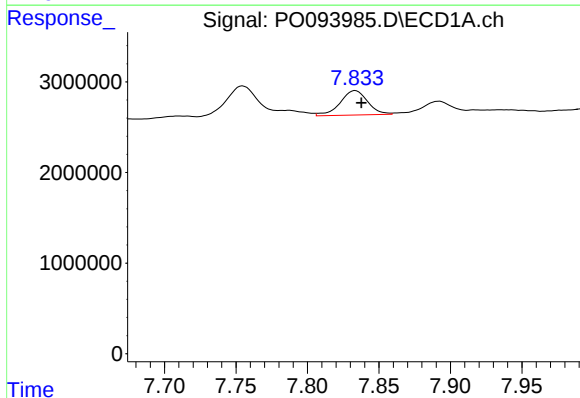
R.T.: 8.386 min
Delta R.T.: -0.008 min
Response: 7878997
Conc: 36.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



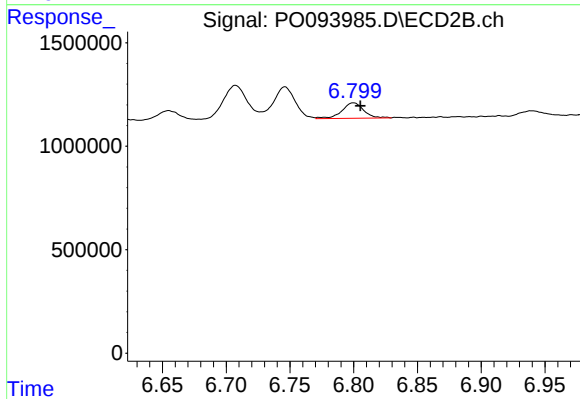
#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 3330560
Conc: 32.09 ng/ml



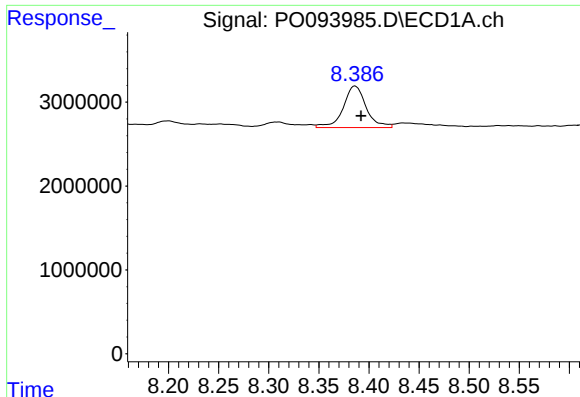
#36 AR-1262-1

R.T.: 7.833 min
Delta R.T.: -0.004 min
Response: 3628397
Conc: 21.24 ng/ml



#36 AR-1262-1

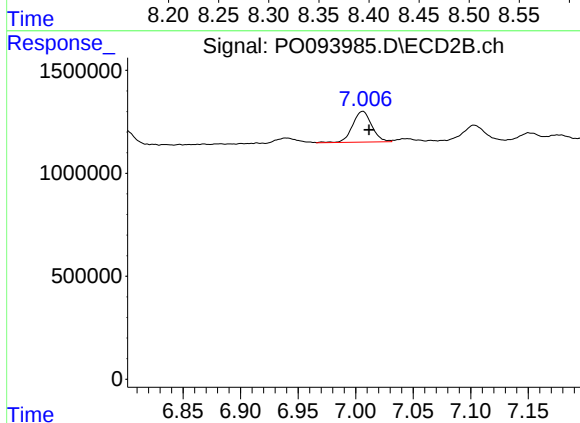
R.T.: 6.800 min
Delta R.T.: -0.005 min
Response: 890651
Conc: 25.46 ng/ml



#37 AR-1262-2

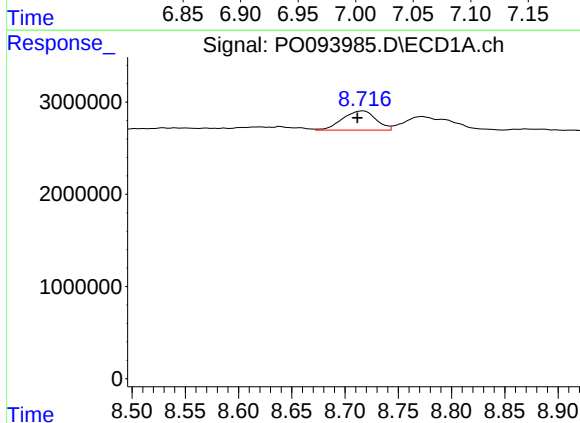
R.T.: 8.386 min
Delta R.T.: -0.006 min
Response: 7878997
Conc: 33.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



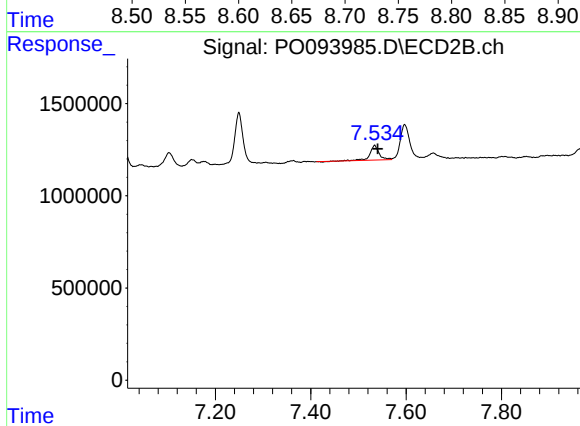
#37 AR-1262-2

R.T.: 7.006 min
Delta R.T.: -0.005 min
Response: 1762789
Conc: 24.95 ng/ml



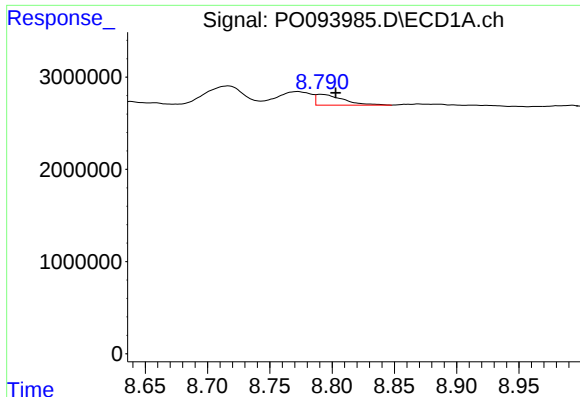
#38 AR-1262-3

R.T.: 8.717 min
Delta R.T.: 0.005 min
Response: 4554874
Conc: 27.81 ng/ml



#38 AR-1262-3

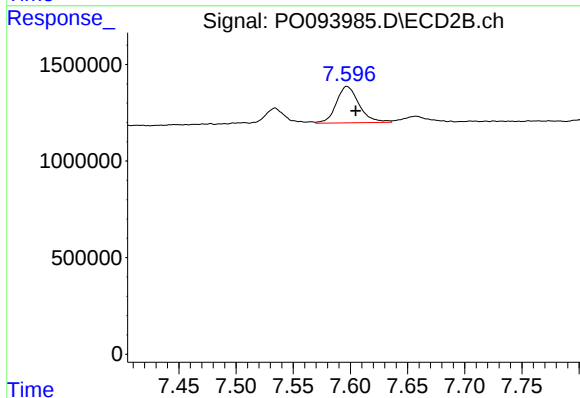
R.T.: 7.534 min
Delta R.T.: -0.007 min
Response: 1071354
Conc: 21.41 ng/ml



#39 AR-1262-4

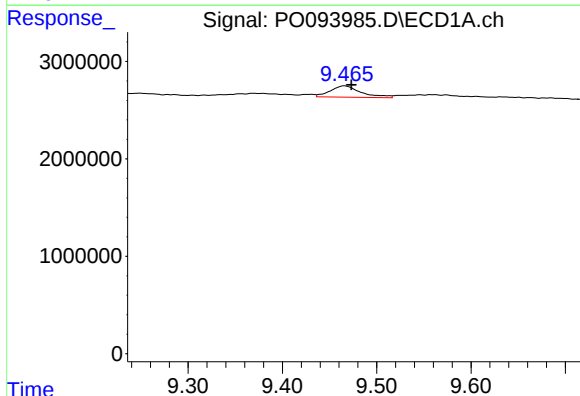
R.T.: 8.791 min
Delta R.T.: -0.012 min
Response: 1769523
Conc: 17.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



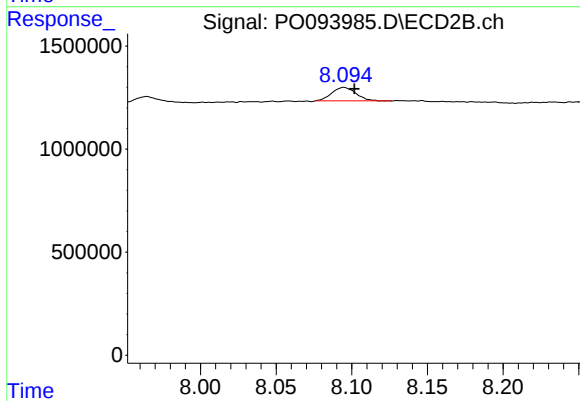
#39 AR-1262-4

R.T.: 7.597 min
Delta R.T.: -0.008 min
Response: 2612946
Conc: 31.51 ng/ml



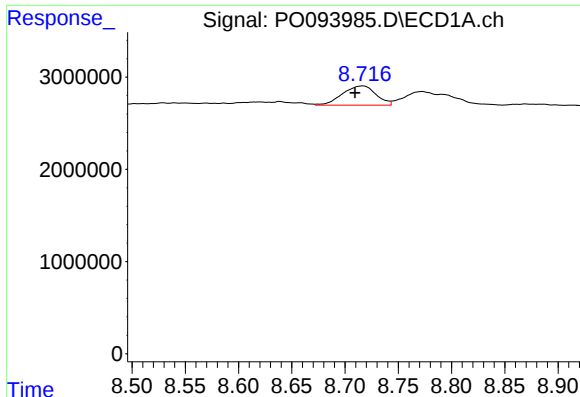
#40 AR-1262-5

R.T.: 9.466 min
Delta R.T.: -0.007 min
Response: 2630467
Conc: 32.68 ng/ml



#40 AR-1262-5

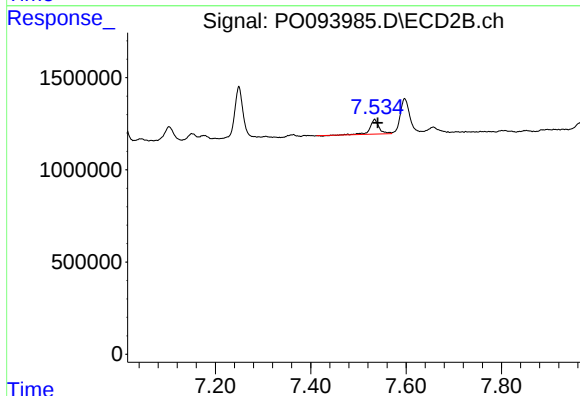
R.T.: 8.095 min
Delta R.T.: -0.007 min
Response: 723020
Conc: 22.23 ng/ml



#41 AR-1268-1

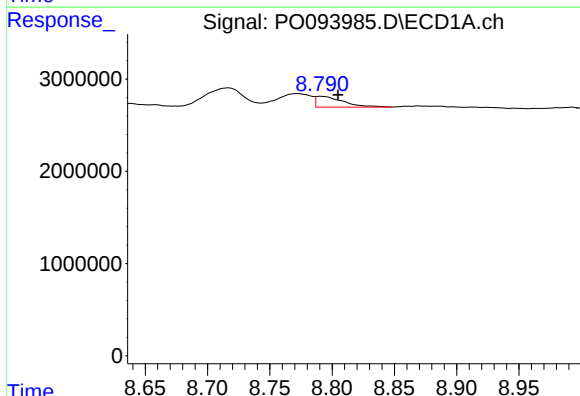
R.T.: 8.717 min
Delta R.T.: 0.007 min
Response: 4554874
Conc: 13.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



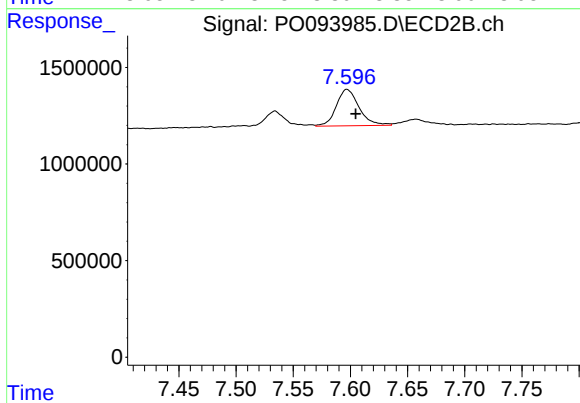
#41 AR-1268-1

R.T.: 7.534 min
Delta R.T.: -0.006 min
Response: 1071354
Conc: 7.01 ng/ml



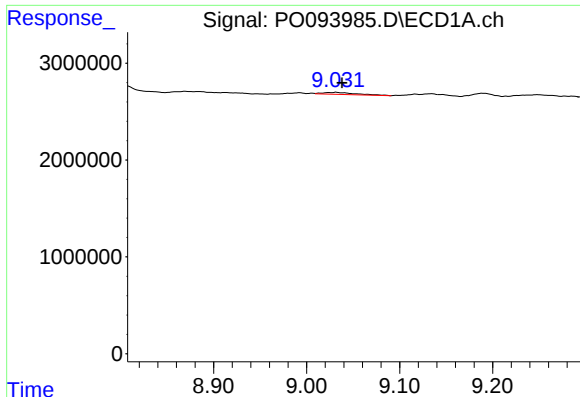
#42 AR-1268-2

R.T.: 8.791 min
Delta R.T.: -0.014 min
Response: 1769523
Conc: 5.50 ng/ml



#42 AR-1268-2

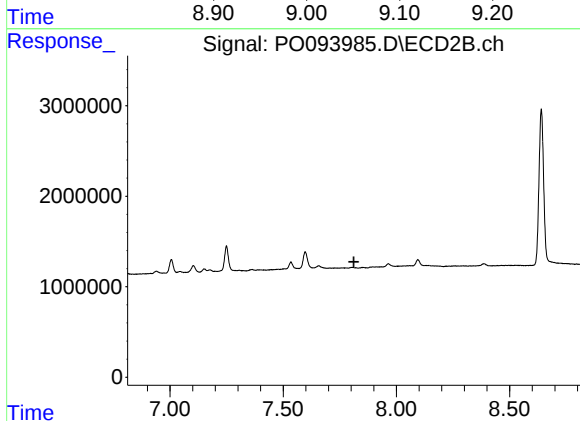
R.T.: 7.597 min
Delta R.T.: -0.008 min
Response: 2612946
Conc: 19.23 ng/ml



#43 AR-1268-3

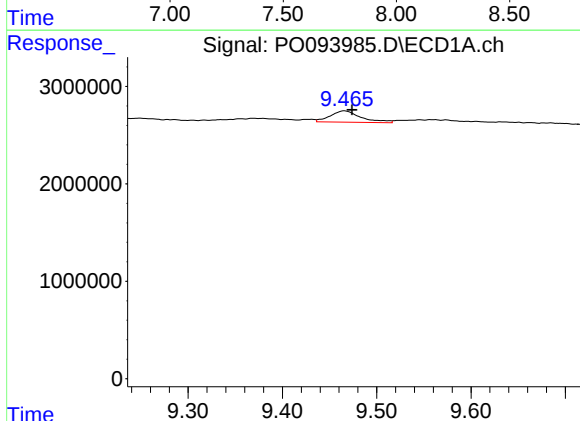
R.T.: 9.032 min
Delta R.T.: -0.006 min
Response: 503003
Conc: 1.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



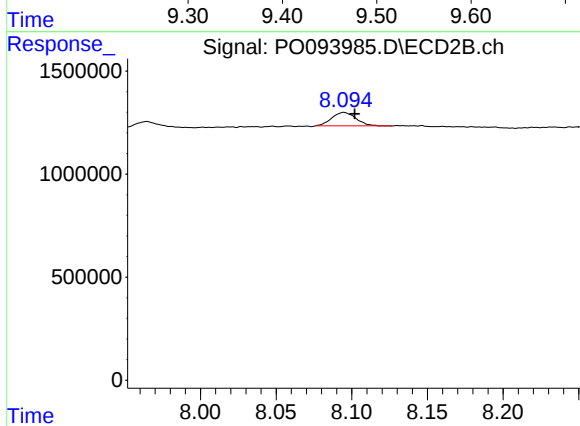
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



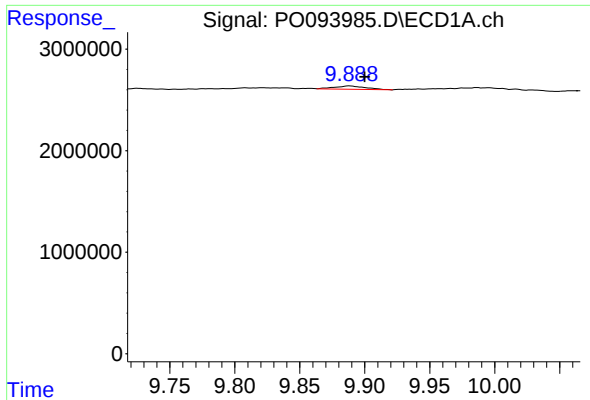
#44 AR-1268-4

R.T.: 9.466 min
Delta R.T.: -0.008 min
Response: 2630467
Conc: 27.21 ng/ml



#44 AR-1268-4

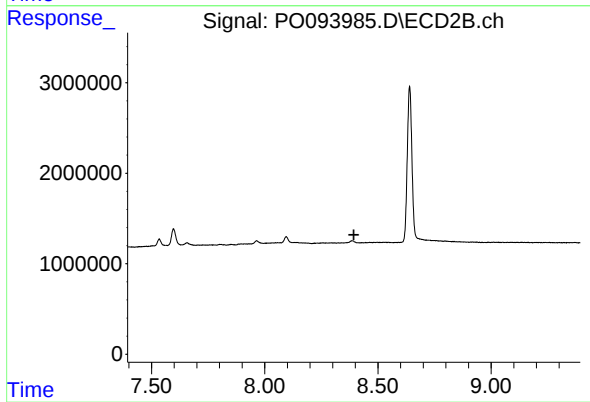
R.T.: 8.095 min
Delta R.T.: -0.007 min
Response: 723020
Conc: 18.27 ng/ml



#45 AR-1268-5

R.T.: 9.889 min
Delta R.T.: -0.011 min
Response: 543326
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.394 min
Response: 0
Conc: N.D.