

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040723\
 Data File : P0093939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 18:35
 Operator : YP/AJ
 Sample : 02213-01
 Misc : AR1262 LOD 25 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:50:02 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...	4.419	3.624	68728602	25443600	18.385	19.981
2)	SA Decachlor...	10.241	8.643	50249803	23381586	22.464	23.387
Target Compounds							
3)	L1 AR-1016-1	5.595	0.000	755179	0	7.385	N.D. #
4)	L1 AR-1016-2	5.619	0.000	572698	0	3.674	N.D. #
5)	L1 AR-1016-3	5.676	0.000	597631	0	6.059	N.D. #
7)	L1 AR-1016-5	6.075	0.000	234967	0	2.775	N.D. #
8)	L2 AR-1221-1	4.628	0.000	154539	0	3.351	N.D. #
9)	L2 AR-1221-2	4.727	3.921	879786	413129	25.630	35.004 #
10)	L2 AR-1221-3	4.796	0.000	180036	0	1.719	N.D. #
11)	L3 AR-1232-1	4.796	0.000	180036	0	2.063	N.D. #
12)	L3 AR-1232-2	5.323	0.000	73503	0	1.719	N.D. #
13)	L3 AR-1232-3	5.619	0.000	572698	0	7.796	N.D. #
15)	L3 AR-1232-5	5.871	0.000	265608	0	8.362	N.D. #
16)	L4 AR-1242-1	5.595	0.000	755179	0	8.652	N.D. #
17)	L4 AR-1242-2	5.619	0.000	572698	0	4.307	N.D. #
18)	L4 AR-1242-3	5.676	0.000	597631	0	7.040	N.D. #
20)	L4 AR-1242-5	6.529	5.509	453259	290367	6.732	10.184 #
21)	L5 AR-1248-1	5.595	0.000	755179	0	11.224	N.D. #
22)	L5 AR-1248-2	5.871	0.000	265608	0	2.428	N.D. #
23)	L5 AR-1248-3	6.075	0.000	234967	0	1.946	N.D. #
24)	L5 AR-1248-4	6.493	0.000	614697	0	5.724	N.D. #
25)	L5 AR-1248-5	6.529	5.509f	453259	290367	3.907	7.778 #
26)	L6 AR-1254-1	6.458	5.509	914991	290367	6.746	4.248 #
27)	L6 AR-1254-2	6.676	5.658	758328	405152	3.879	6.652 #
28)	L6 AR-1254-3	7.048	6.077	894817	1033104	4.844	11.342 #
29)	L6 AR-1254-4	7.334	6.321	338454	303858	3.337	7.134 #
30)	L6 AR-1254-5	7.755	6.709	4405184	1210501	32.486	16.777 #
31)	L7 AR-1260-1	7.213	6.192	2910542	1635012	19.940	25.073 #
32)	L7 AR-1260-2	7.473	6.380	3981973	1924930	24.879	26.505
33)	L7 AR-1260-3	7.836	6.536	5114466	1922188	38.519	26.486 #
34)	L7 AR-1260-4	8.063	7.007	5465921	2104536	39.682	37.897
35)	L7 AR-1260-5	8.389	7.251	7966359	3766802	36.578	36.298
36)	L8 AR-1262-1	7.836	6.801	5114466	984419	29.940	28.136
37)	L8 AR-1262-2	8.389	7.007	7966359	2104536	34.271	29.787
38)	L8 AR-1262-3	8.709	7.536	5648023	1938333	34.480	38.741
39)	L8 AR-1262-4	8.795	7.600	2804493	3004115	27.991	36.224 #
40)	L8 AR-1262-5	9.467	8.097	4048025	1162641	50.295	35.740 #
41)	L9 AR-1268-1	8.709	7.536	5648023	1938333	16.782	12.689
42)	L9 AR-1268-2	8.795	7.600	2804493	3004115	8.714	22.112 #
43)	L9 AR-1268-3	9.029	0.000	954264	0	3.365	N.D. #
44)	L9 AR-1268-4	9.467	8.097	4048025	1162641	41.867	29.371 #

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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	9.892	8.388	970053	499841	1.155	1.426

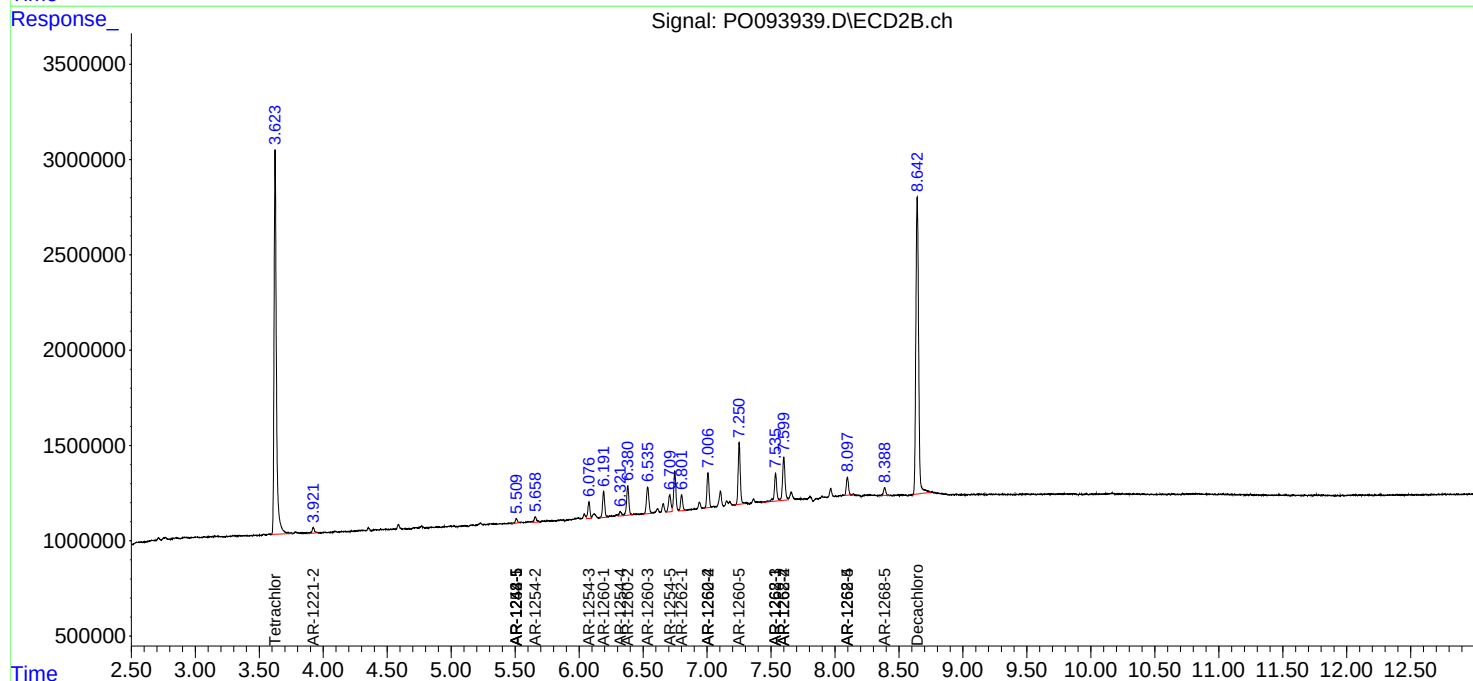
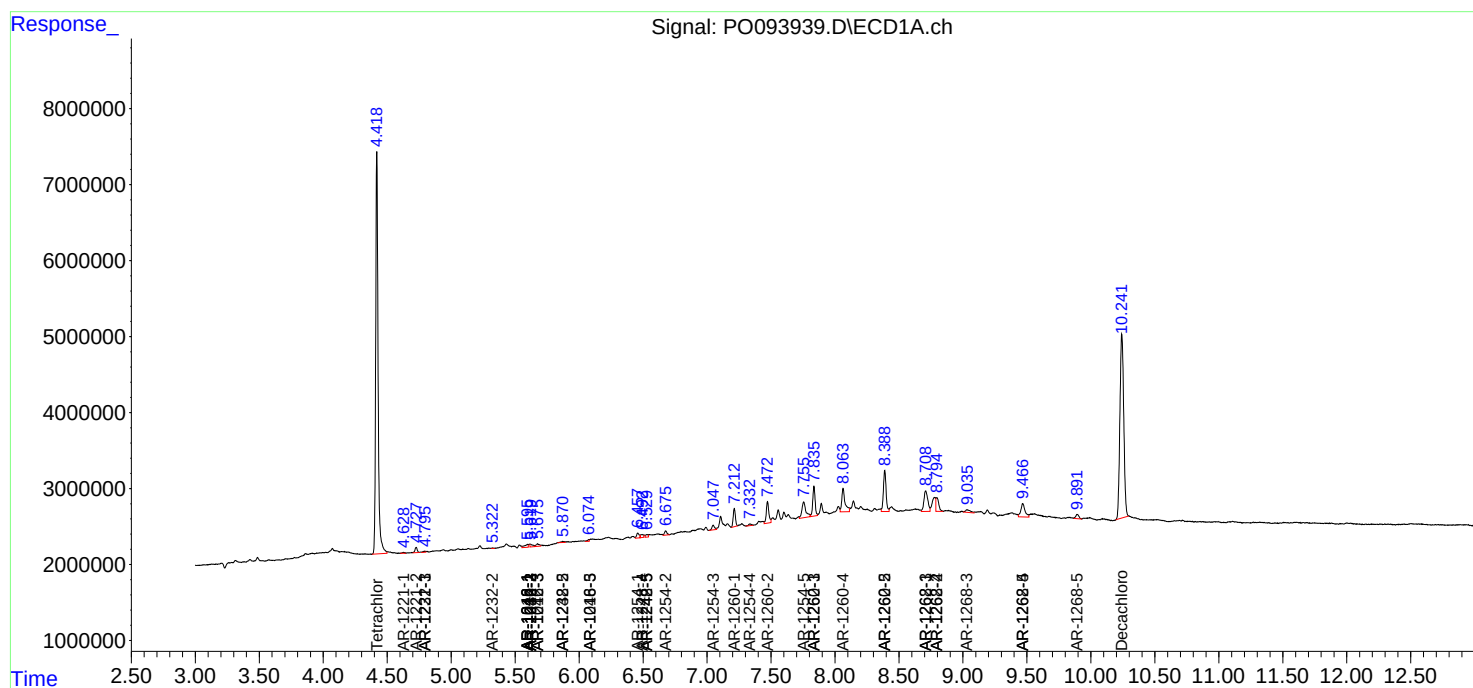
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

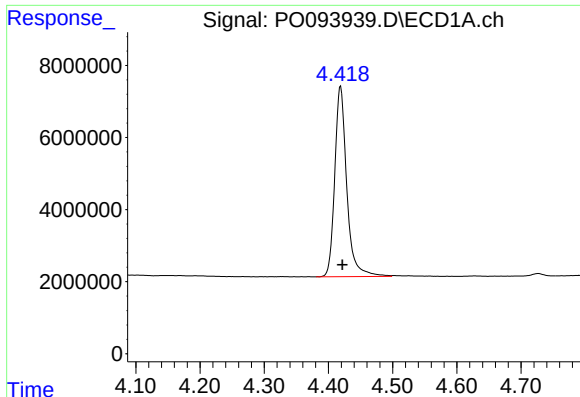
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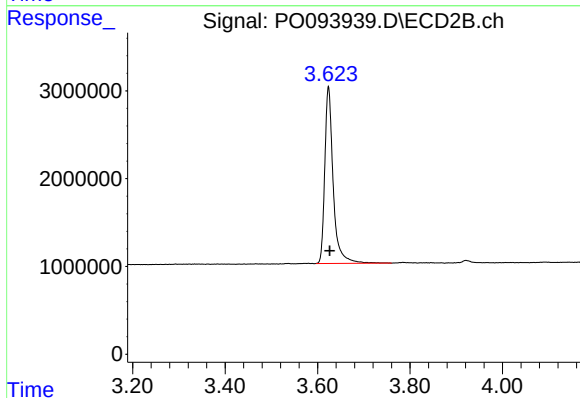




#1 Tetrachloro-m-xylene

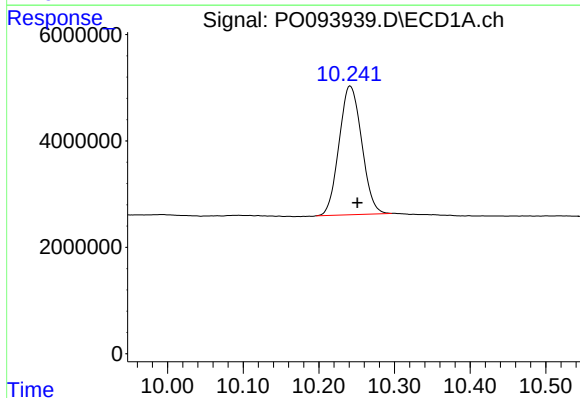
R.T.: 4.419 min
Delta R.T.: -0.003 min
Response: 68728602
Conc: 18.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



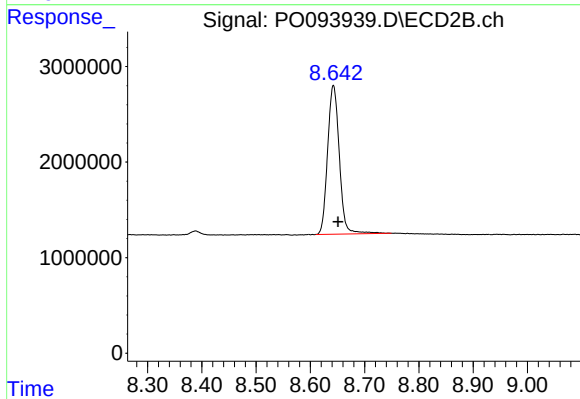
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.003 min
Response: 25443600
Conc: 19.98 ng/ml



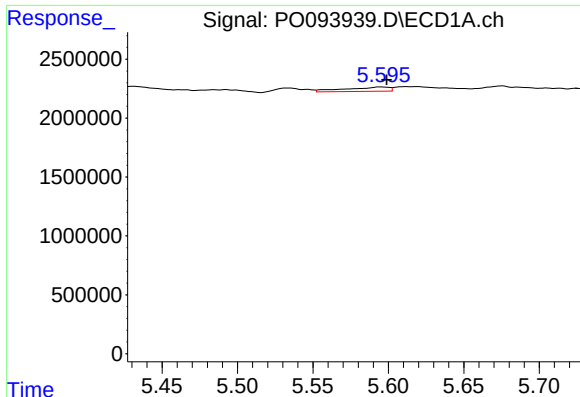
#2 Decachlorobiphenyl

R.T.: 10.241 min
Delta R.T.: -0.009 min
Response: 50249803
Conc: 22.46 ng/ml



#2 Decachlorobiphenyl

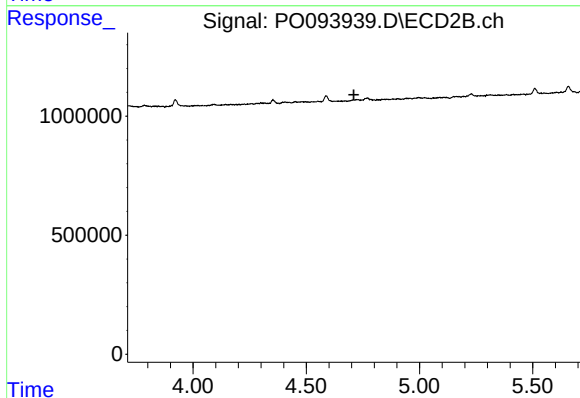
R.T.: 8.643 min
Delta R.T.: -0.009 min
Response: 23381586
Conc: 23.39 ng/ml



#3 AR-1016-1

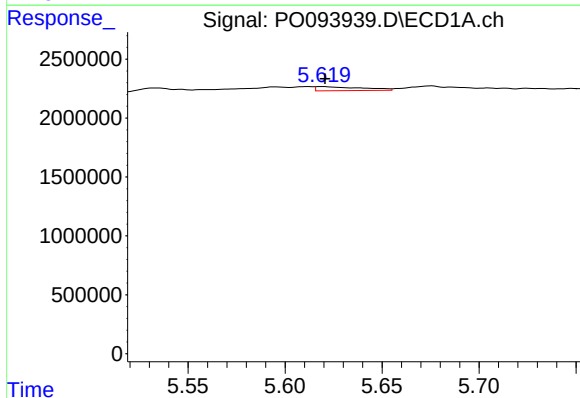
R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 755179
Conc: 7.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



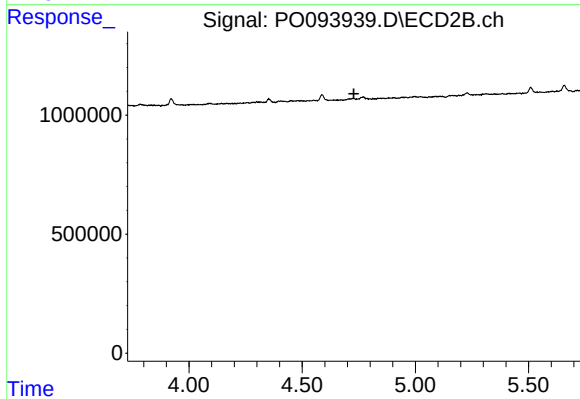
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



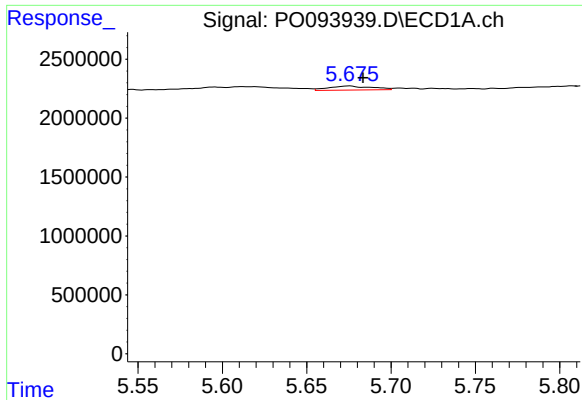
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 572698
Conc: 3.67 ng/ml



#4 AR-1016-2

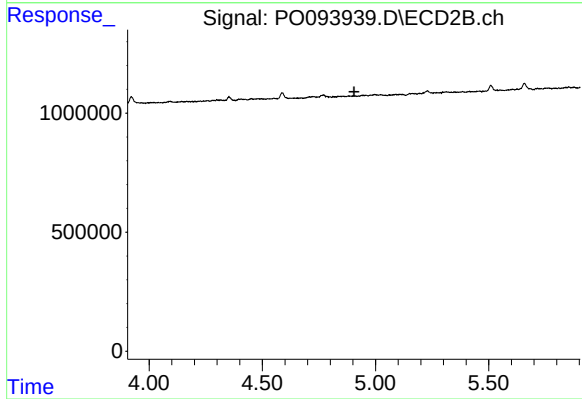
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

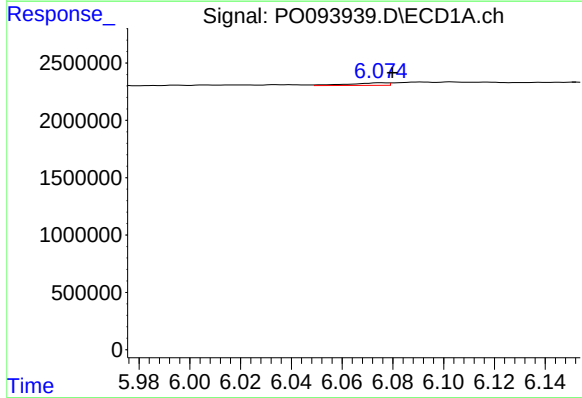
R.T.: 5.676 min
Delta R.T.: -0.008 min
Response: 597631
Conc: 6.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



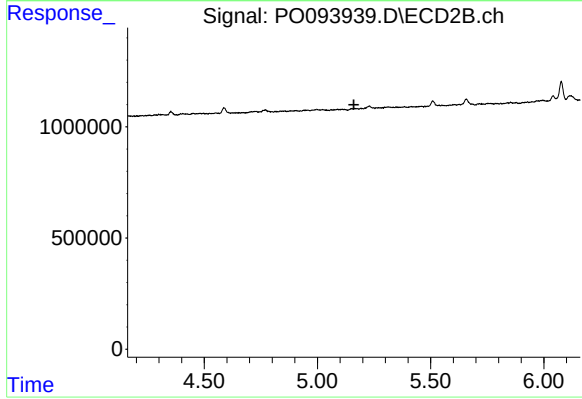
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.905 min
Response: 0
Conc: N.D.



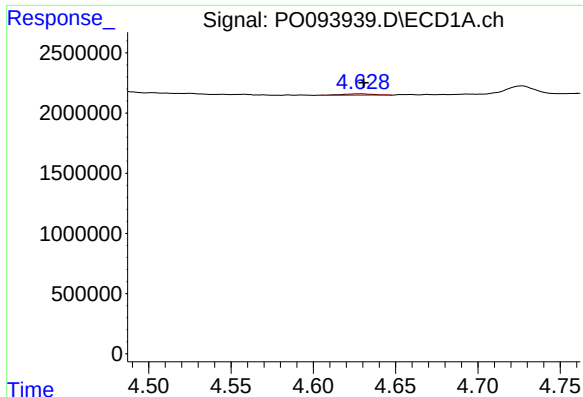
#7 AR-1016-5

R.T.: 6.075 min
Delta R.T.: -0.005 min
Response: 234967
Conc: 2.78 ng/ml



#7 AR-1016-5

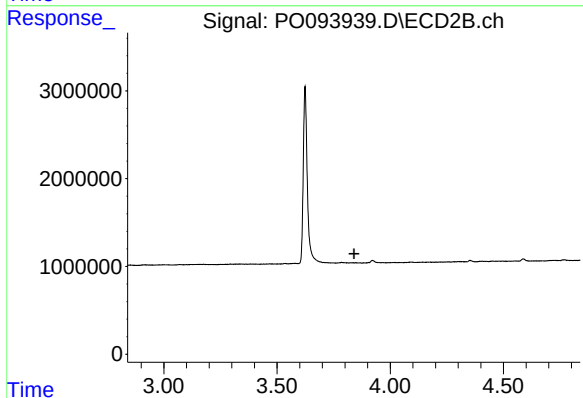
R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



#8 AR-1221-1

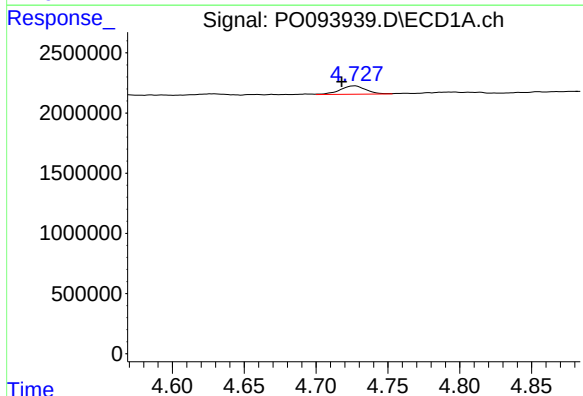
R.T.: 4.628 min
Delta R.T.: -0.002 min
Response: 154539
Conc: 3.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



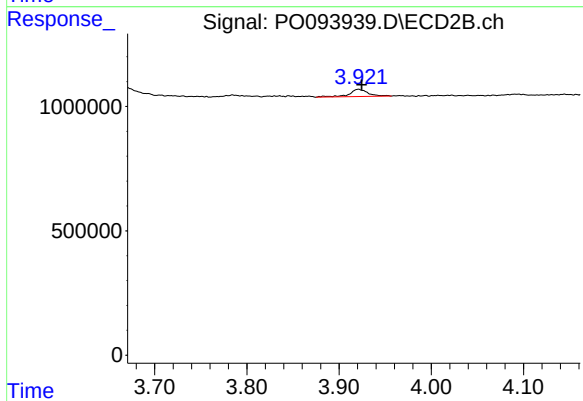
#8 AR-1221-1

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



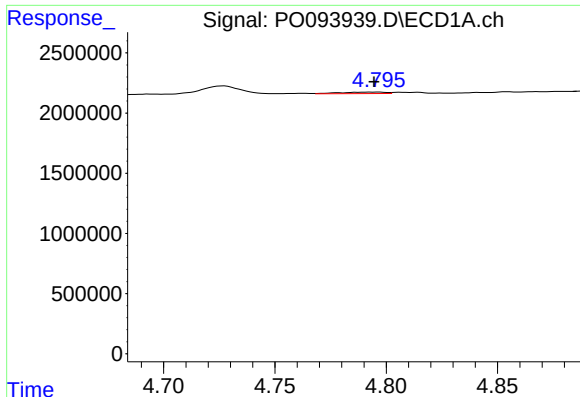
#9 AR-1221-2

R.T.: 4.727 min
Delta R.T.: 0.009 min
Response: 879786
Conc: 25.63 ng/ml



#9 AR-1221-2

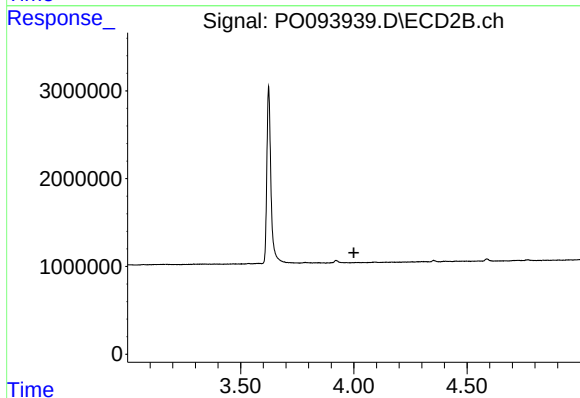
R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 413129
Conc: 35.00 ng/ml



#10 AR-1221-3

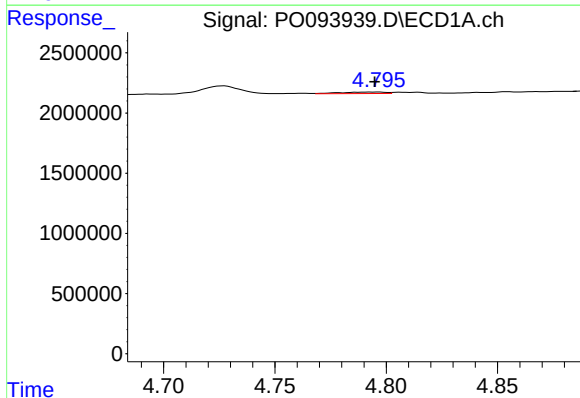
R.T.: 4.796 min
Delta R.T.: 0.001 min
Response: 180036
Conc: 1.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



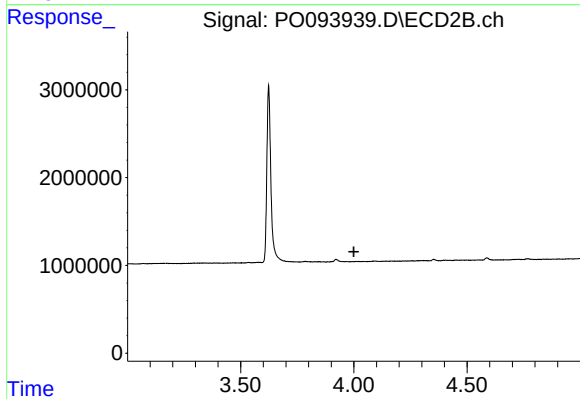
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



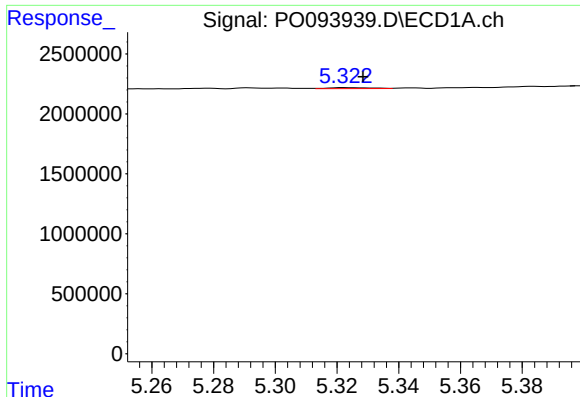
#11 AR-1232-1

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 180036
Conc: 2.06 ng/ml



#11 AR-1232-1

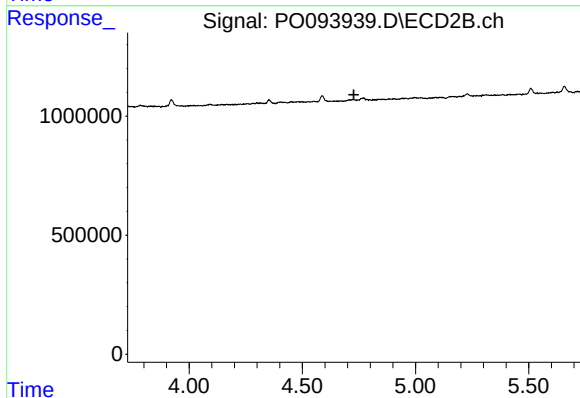
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#12 AR-1232-2

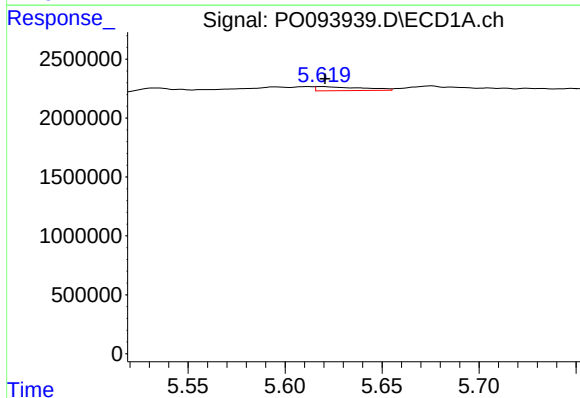
R.T.: 5.323 min
Delta R.T.: -0.006 min
Response: 73503
Conc: 1.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



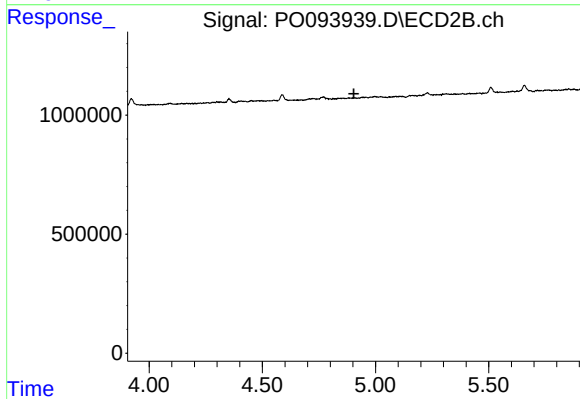
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



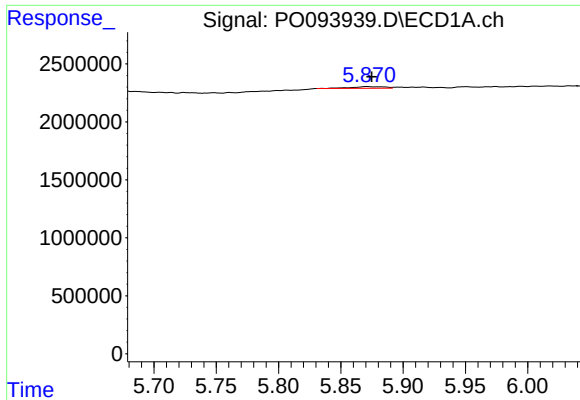
#13 AR-1232-3

R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 572698
Conc: 7.80 ng/ml



#13 AR-1232-3

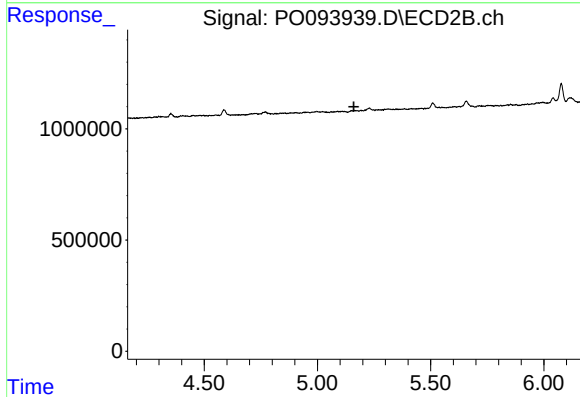
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#15 AR-1232-5

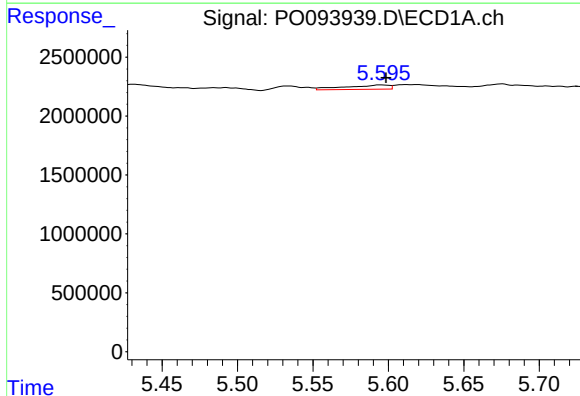
R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 265608
Conc: 8.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



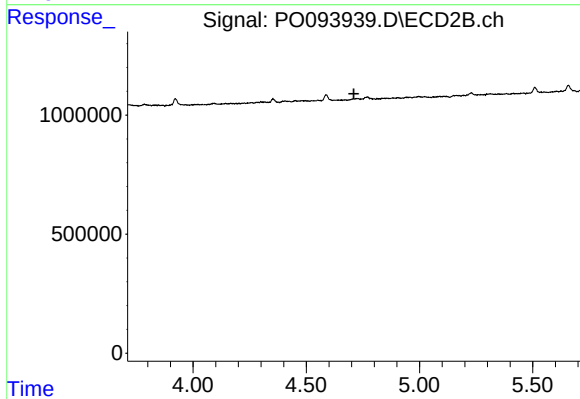
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



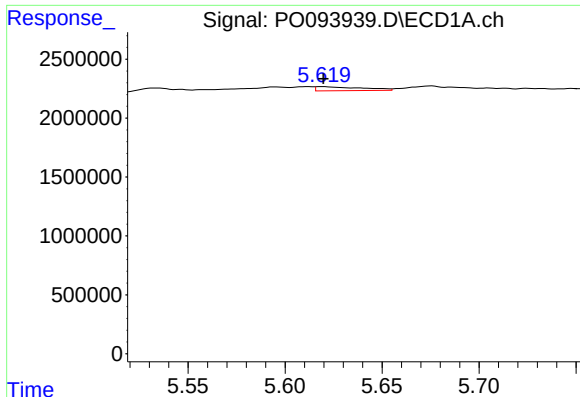
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: -0.003 min
Response: 755179
Conc: 8.65 ng/ml



#16 AR-1242-1

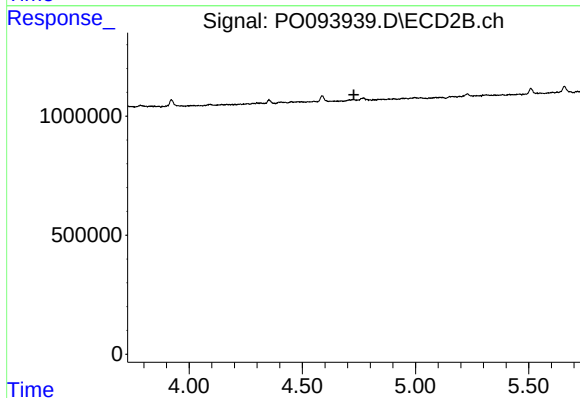
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

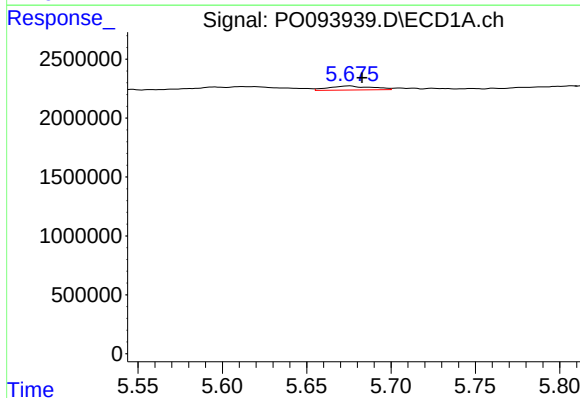
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 572698
Conc: 4.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



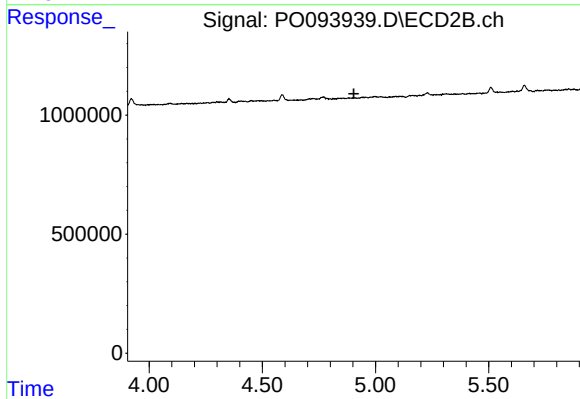
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



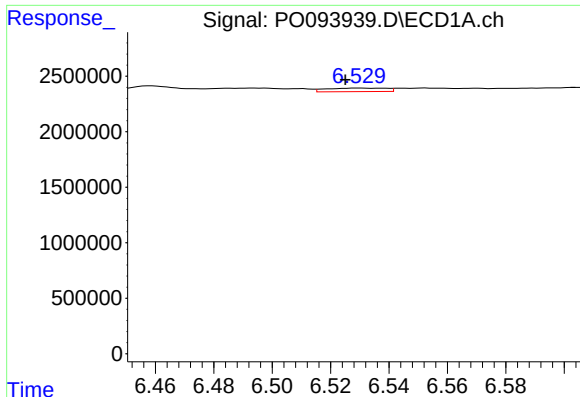
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 597631
Conc: 7.04 ng/ml



#18 AR-1242-3

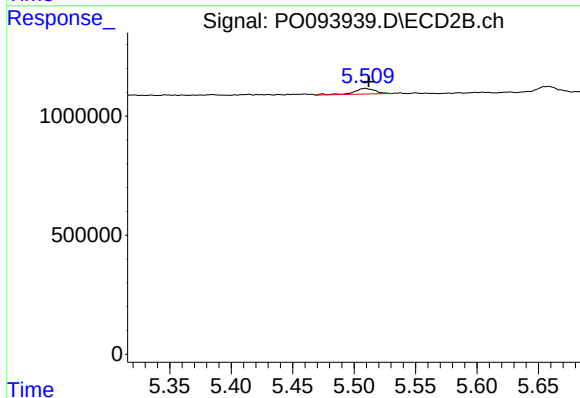
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#20 AR-1242-5

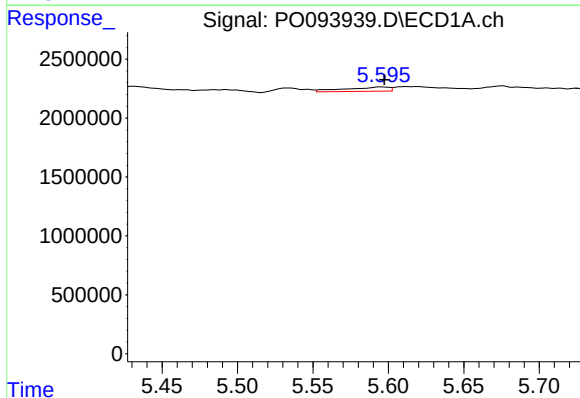
R.T.: 6.529 min
Delta R.T.: 0.005 min
Response: 453259
Conc: 6.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



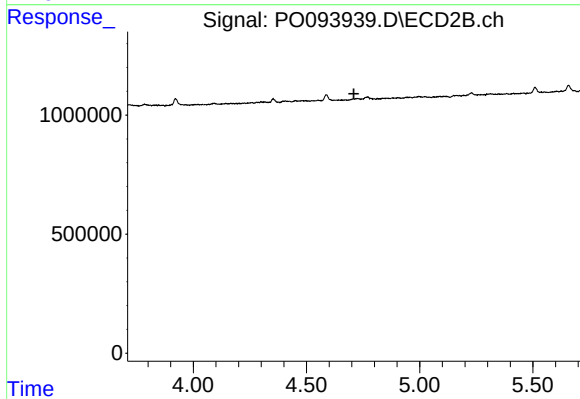
#20 AR-1242-5

R.T.: 5.509 min
Delta R.T.: -0.003 min
Response: 290367
Conc: 10.18 ng/ml



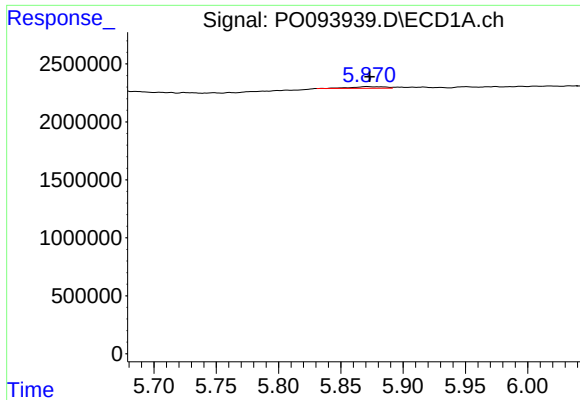
#21 AR-1248-1

R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 755179
Conc: 11.22 ng/ml



#21 AR-1248-1

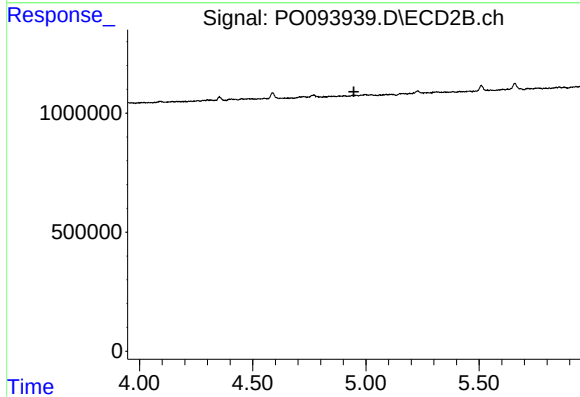
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#22 AR-1248-2

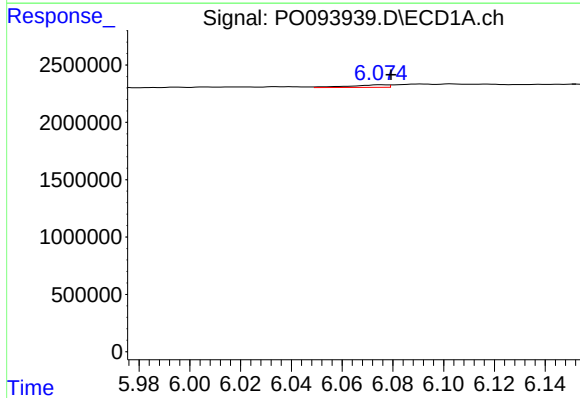
R.T.: 5.871 min
Delta R.T.: -0.002 min
Response: 265608
Conc: 2.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



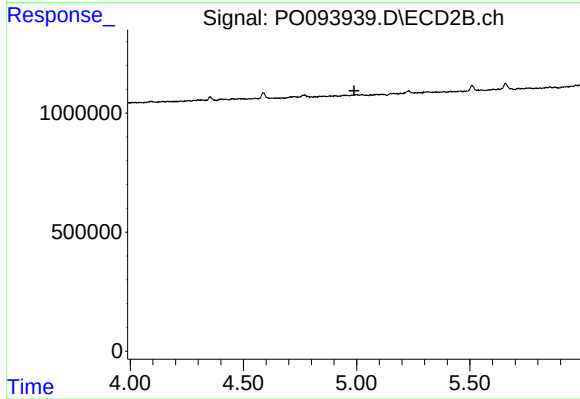
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



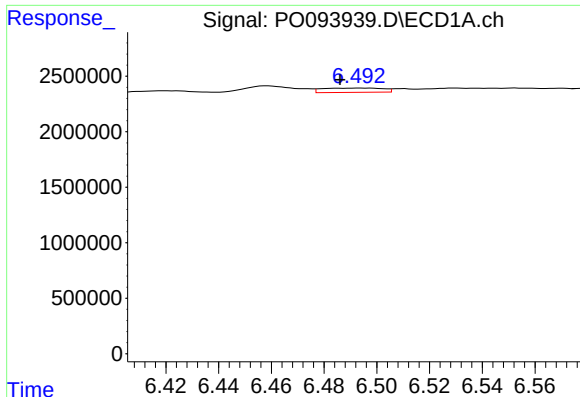
#23 AR-1248-3

R.T.: 6.075 min
Delta R.T.: -0.004 min
Response: 234967
Conc: 1.95 ng/ml



#23 AR-1248-3

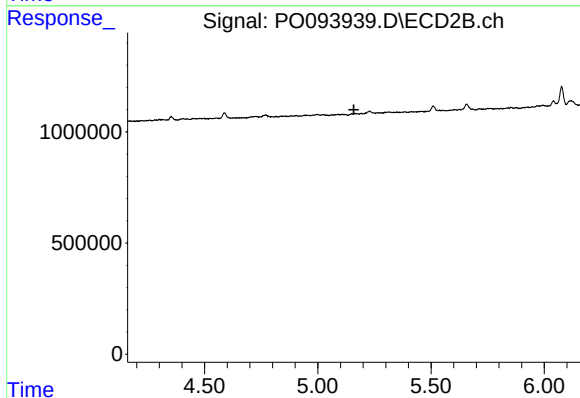
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#24 AR-1248-4

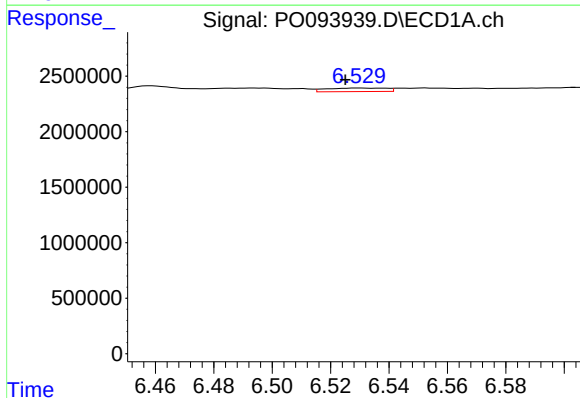
R.T.: 6.493 min
Delta R.T.: 0.007 min
Response: 614697
Conc: 5.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



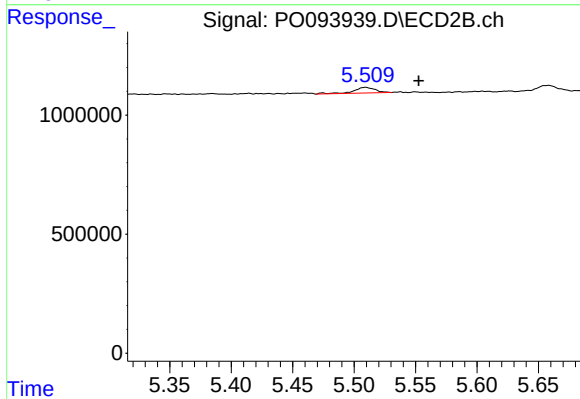
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



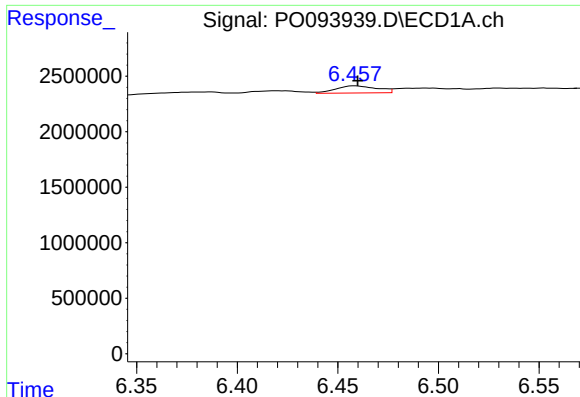
#25 AR-1248-5

R.T.: 6.529 min
Delta R.T.: 0.004 min
Response: 453259
Conc: 3.91 ng/ml



#25 AR-1248-5

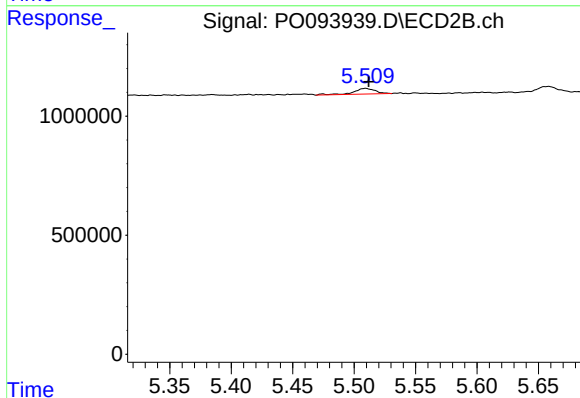
R.T.: 5.509 min
Delta R.T.: -0.044 min
Response: 290367
Conc: 7.78 ng/ml



#26 AR-1254-1

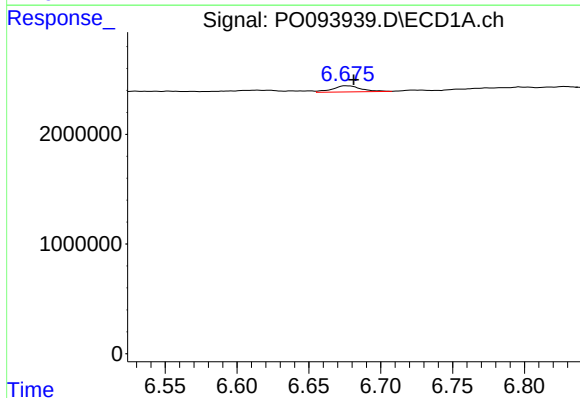
R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 914991
Conc: 6.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



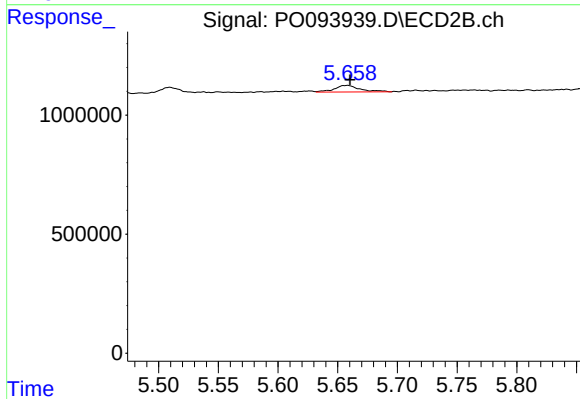
#26 AR-1254-1

R.T.: 5.509 min
Delta R.T.: -0.003 min
Response: 290367
Conc: 4.25 ng/ml



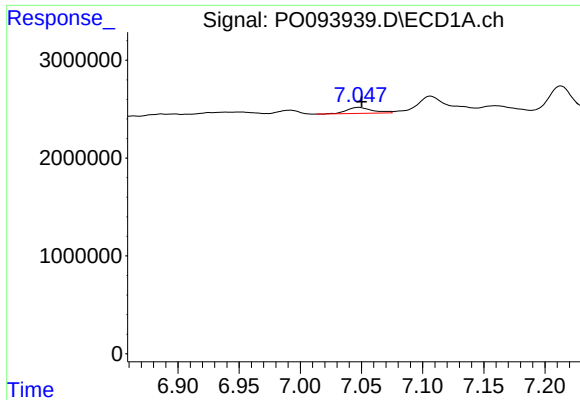
#27 AR-1254-2

R.T.: 6.676 min
Delta R.T.: -0.005 min
Response: 758328
Conc: 3.88 ng/ml



#27 AR-1254-2

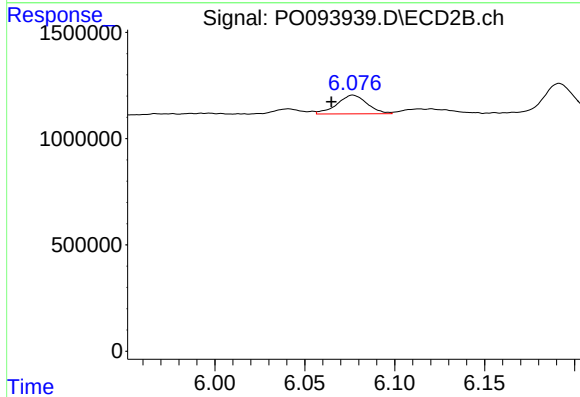
R.T.: 5.658 min
Delta R.T.: -0.002 min
Response: 405152
Conc: 6.65 ng/ml



#28 AR-1254-3

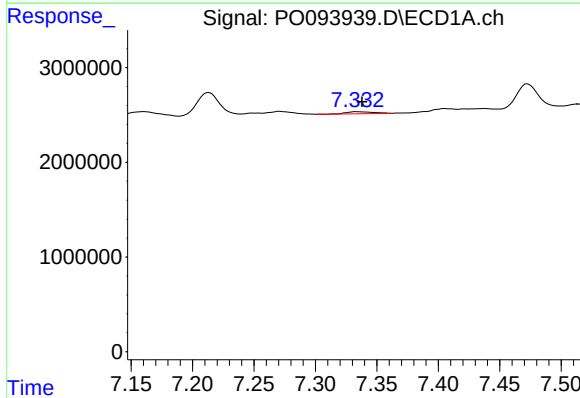
R.T.: 7.048 min
Delta R.T.: -0.003 min
Response: 894817
Conc: 4.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



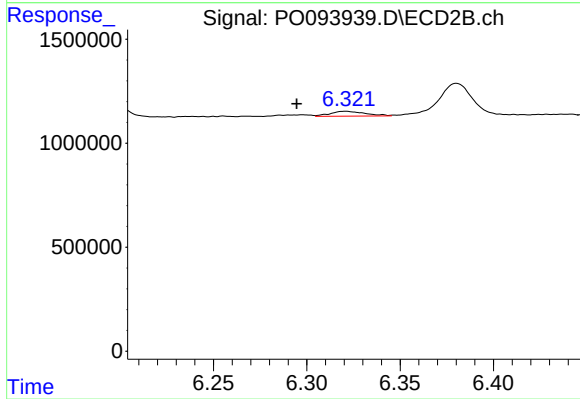
#28 AR-1254-3

R.T.: 6.077 min
Delta R.T.: 0.012 min
Response: 1033104
Conc: 11.34 ng/ml



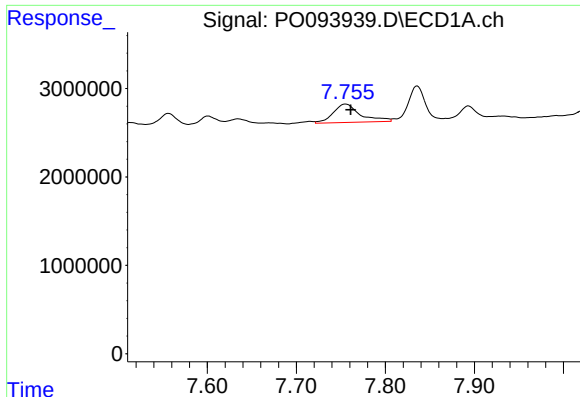
#29 AR-1254-4

R.T.: 7.334 min
Delta R.T.: -0.004 min
Response: 338454
Conc: 3.34 ng/ml



#29 AR-1254-4

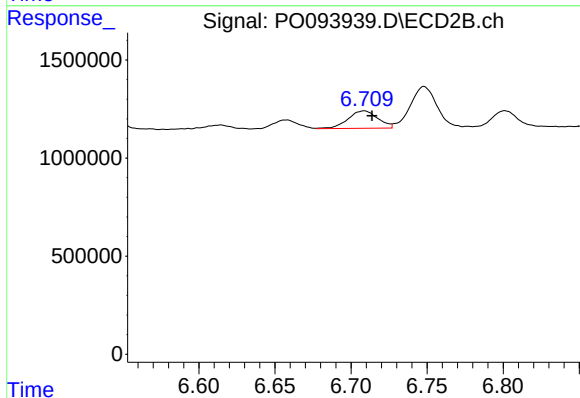
R.T.: 6.321 min
Delta R.T.: 0.026 min
Response: 303858
Conc: 7.13 ng/ml



#30 AR-1254-5

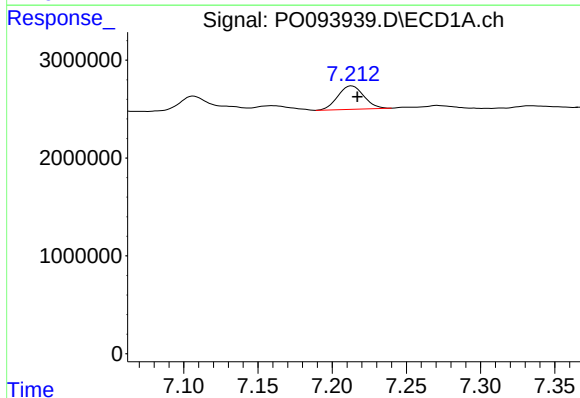
R.T.: 7.755 min
Delta R.T.: -0.006 min
Response: 4405184
Conc: 32.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



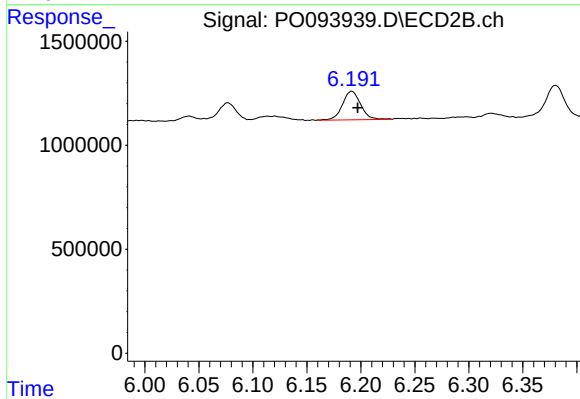
#30 AR-1254-5

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 1210501
Conc: 16.78 ng/ml



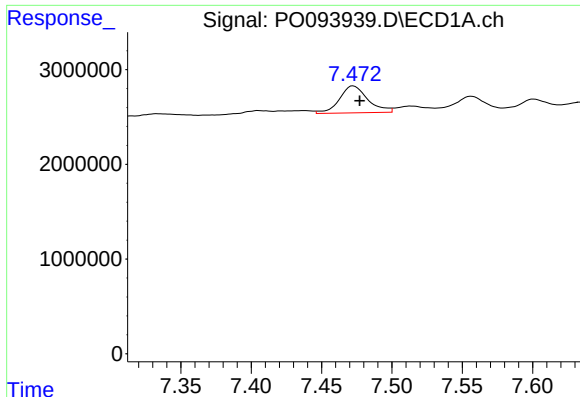
#31 AR-1260-1

R.T.: 7.213 min
Delta R.T.: -0.004 min
Response: 2910542
Conc: 19.94 ng/ml



#31 AR-1260-1

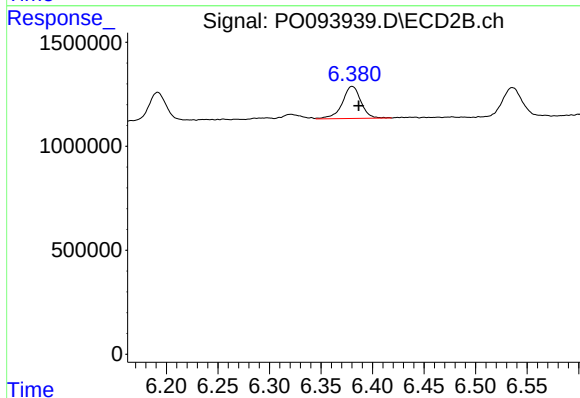
R.T.: 6.192 min
Delta R.T.: -0.006 min
Response: 1635012
Conc: 25.07 ng/ml



#32 AR-1260-2

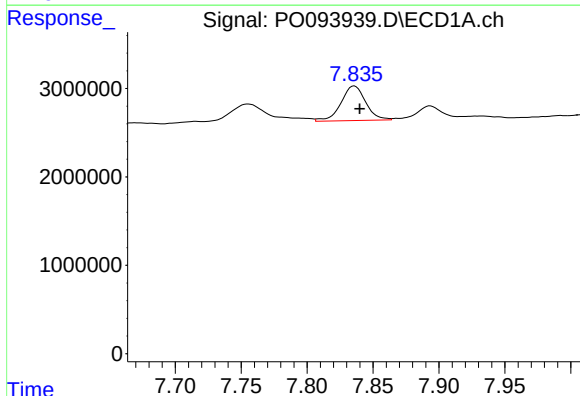
R.T.: 7.473 min
Delta R.T.: -0.005 min
Response: 3981973
Conc: 24.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



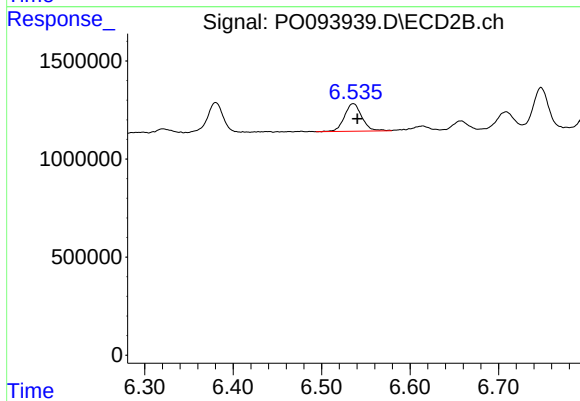
#32 AR-1260-2

R.T.: 6.380 min
Delta R.T.: -0.006 min
Response: 1924930
Conc: 26.51 ng/ml



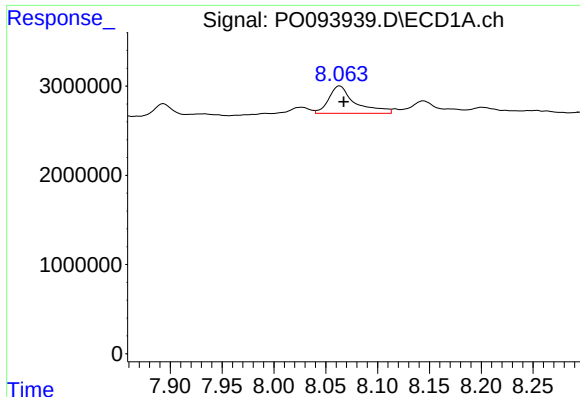
#33 AR-1260-3

R.T.: 7.836 min
Delta R.T.: -0.004 min
Response: 5114466
Conc: 38.52 ng/ml



#33 AR-1260-3

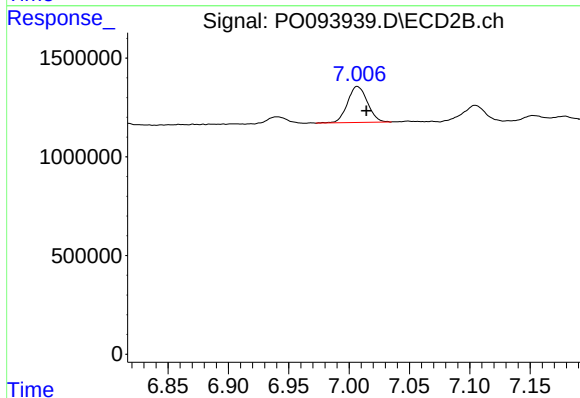
R.T.: 6.536 min
Delta R.T.: -0.004 min
Response: 1922188
Conc: 26.49 ng/ml



#34 AR-1260-4

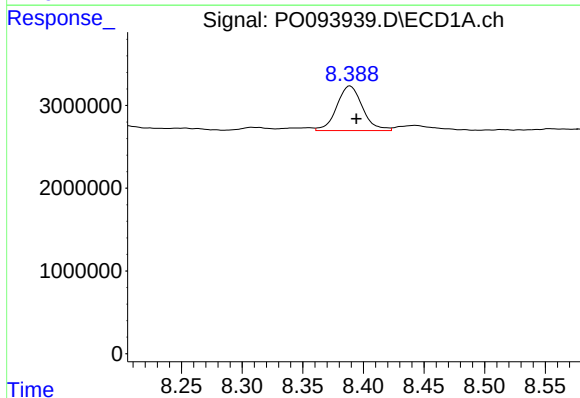
R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 5465921
Conc: 39.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



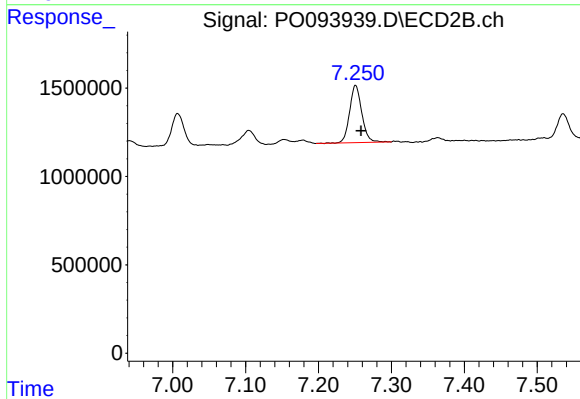
#34 AR-1260-4

R.T.: 7.007 min
Delta R.T.: -0.007 min
Response: 2104536
Conc: 37.90 ng/ml



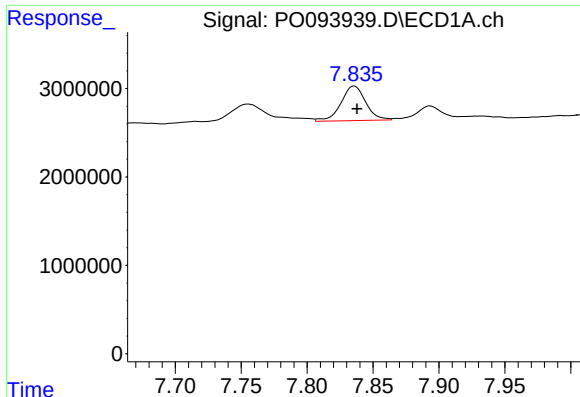
#35 AR-1260-5

R.T.: 8.389 min
Delta R.T.: -0.005 min
Response: 7966359
Conc: 36.58 ng/ml



#35 AR-1260-5

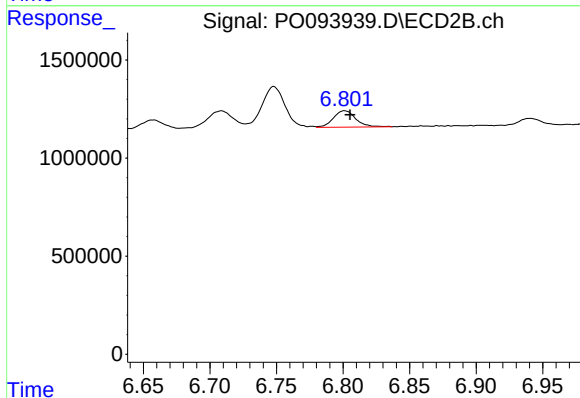
R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 3766802
Conc: 36.30 ng/ml



#36 AR-1262-1

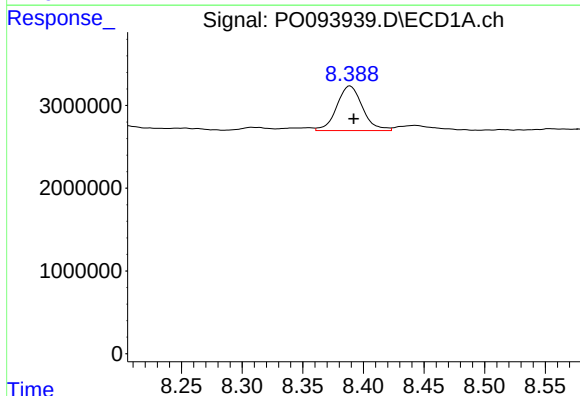
R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 5114466
Conc: 29.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



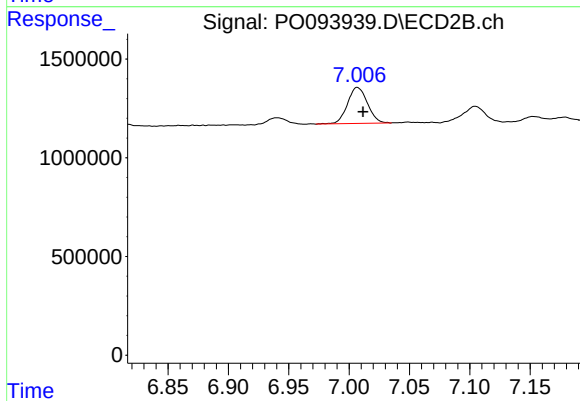
#36 AR-1262-1

R.T.: 6.801 min
Delta R.T.: -0.004 min
Response: 984419
Conc: 28.14 ng/ml



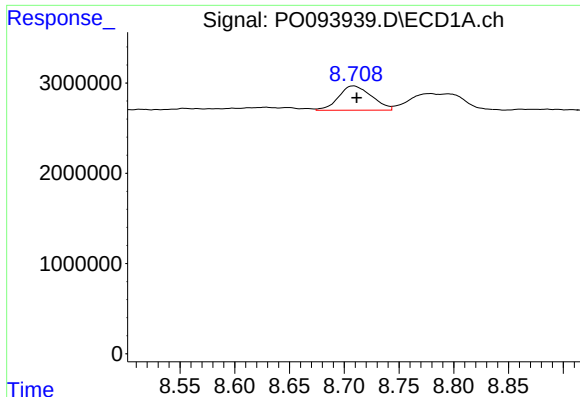
#37 AR-1262-2

R.T.: 8.389 min
Delta R.T.: -0.003 min
Response: 7966359
Conc: 34.27 ng/ml



#37 AR-1262-2

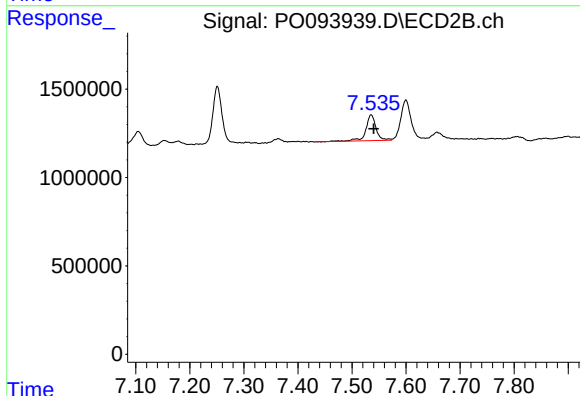
R.T.: 7.007 min
Delta R.T.: -0.005 min
Response: 2104536
Conc: 29.79 ng/ml



#38 AR-1262-3

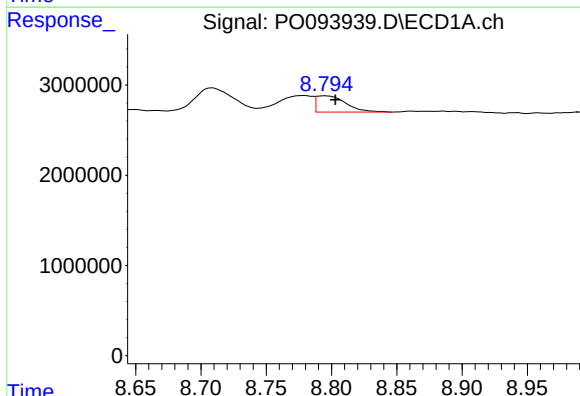
R.T.: 8.709 min
Delta R.T.: -0.003 min
Response: 5648023
Conc: 34.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



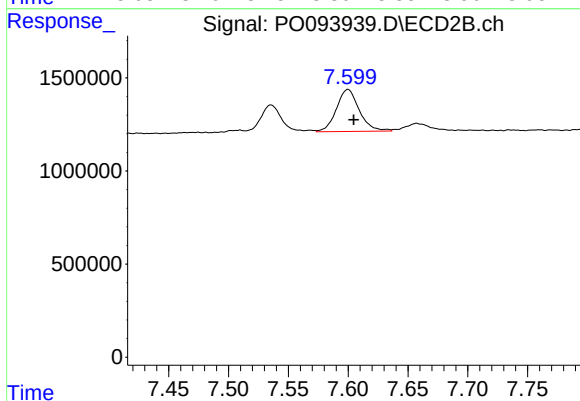
#38 AR-1262-3

R.T.: 7.536 min
Delta R.T.: -0.005 min
Response: 1938333
Conc: 38.74 ng/ml



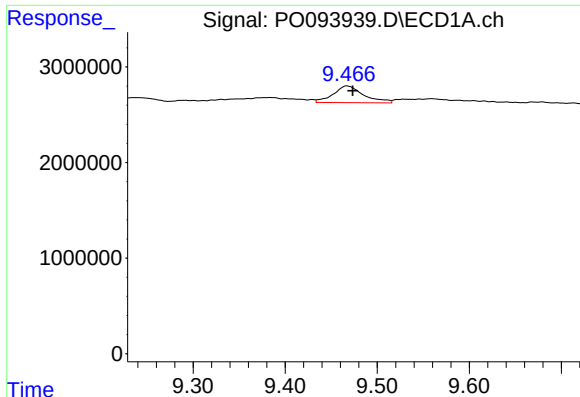
#39 AR-1262-4

R.T.: 8.795 min
Delta R.T.: -0.008 min
Response: 2804493
Conc: 27.99 ng/ml



#39 AR-1262-4

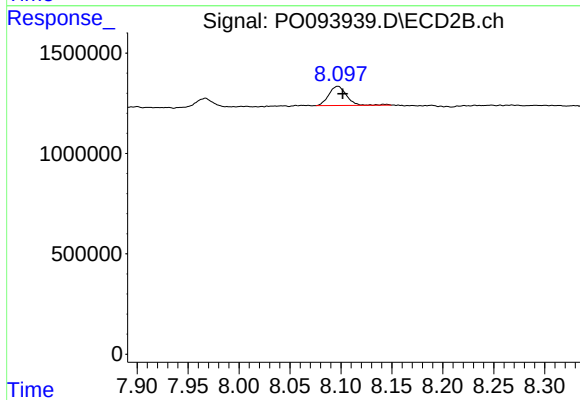
R.T.: 7.600 min
Delta R.T.: -0.005 min
Response: 3004115
Conc: 36.22 ng/ml



#40 AR-1262-5

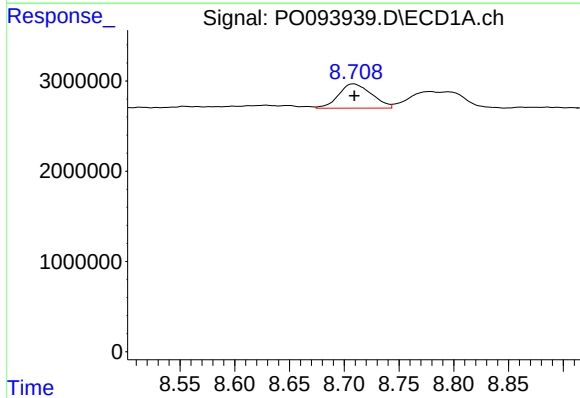
R.T.: 9.467 min
Delta R.T.: -0.006 min
Response: 4048025
Conc: 50.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



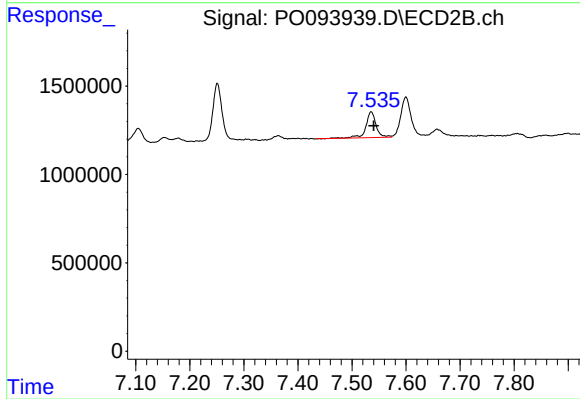
#40 AR-1262-5

R.T.: 8.097 min
Delta R.T.: -0.005 min
Response: 1162641
Conc: 35.74 ng/ml



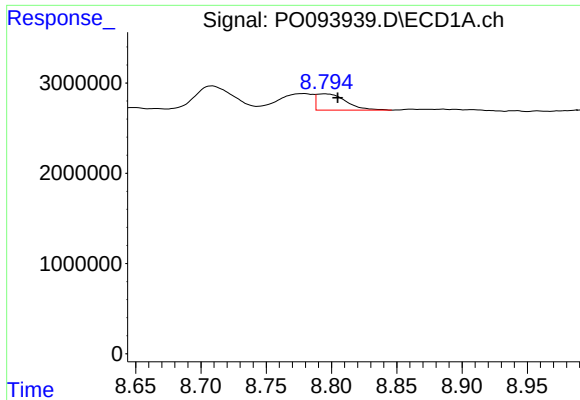
#41 AR-1268-1

R.T.: 8.709 min
Delta R.T.: 0.000 min
Response: 5648023
Conc: 16.78 ng/ml



#41 AR-1268-1

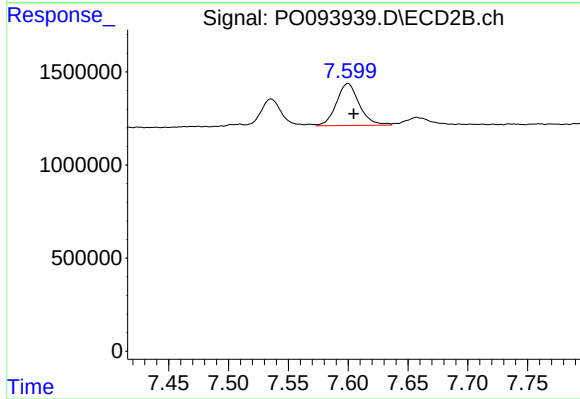
R.T.: 7.536 min
Delta R.T.: -0.005 min
Response: 1938333
Conc: 12.69 ng/ml



#42 AR-1268-2

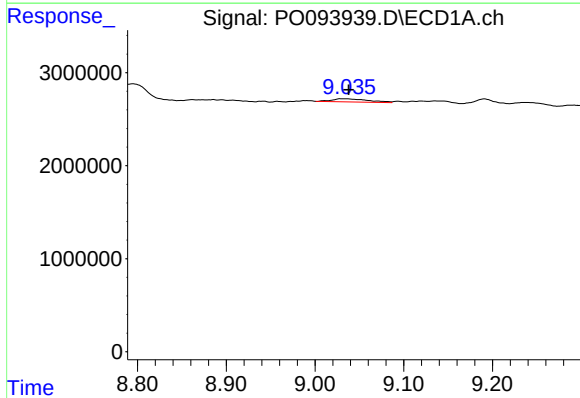
R.T.: 8.795 min
Delta R.T.: -0.010 min
Response: 2804493
Conc: 8.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



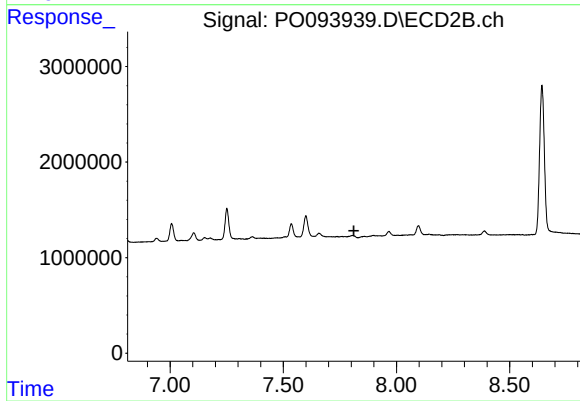
#42 AR-1268-2

R.T.: 7.600 min
Delta R.T.: -0.005 min
Response: 3004115
Conc: 22.11 ng/ml



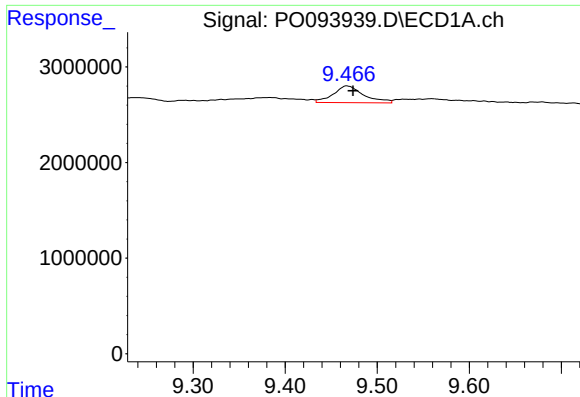
#43 AR-1268-3

R.T.: 9.029 min
Delta R.T.: -0.009 min
Response: 954264
Conc: 3.37 ng/ml



#43 AR-1268-3

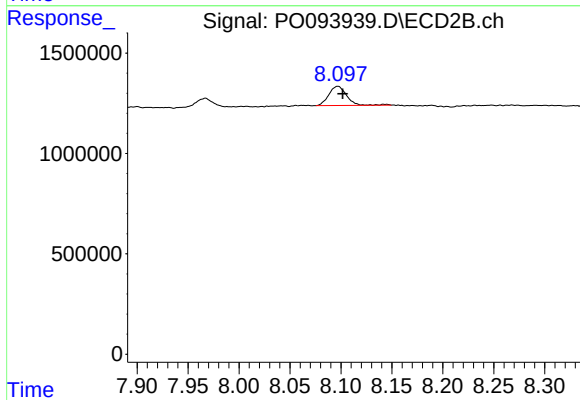
R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



#44 AR-1268-4

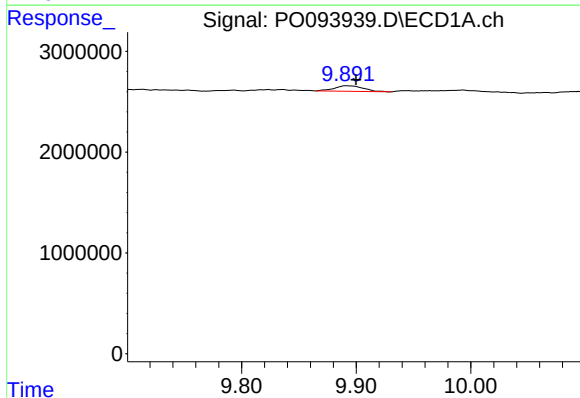
R.T.: 9.467 min
Delta R.T.: -0.007 min
Response: 4048025
Conc: 41.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



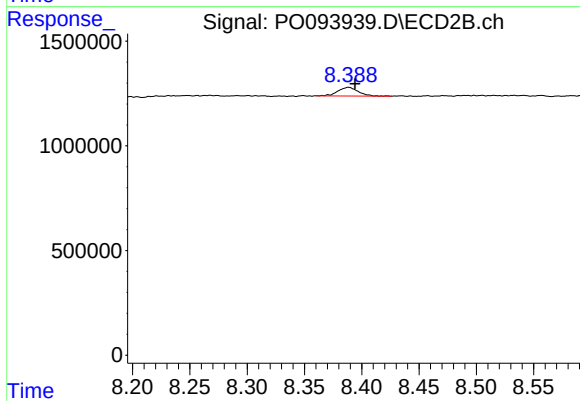
#44 AR-1268-4

R.T.: 8.097 min
Delta R.T.: -0.005 min
Response: 1162641
Conc: 29.37 ng/ml



#45 AR-1268-5

R.T.: 9.892 min
Delta R.T.: -0.008 min
Response: 970053
Conc: 1.16 ng/ml



#45 AR-1268-5

R.T.: 8.388 min
Delta R.T.: -0.006 min
Response: 499841
Conc: 1.43 ng/ml