

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112122\
 Data File : PO090818.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2022 11:56
 Operator : YP/AJ
 Sample : N5641-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 21:24:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 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							
2)	SA Decachlor...	10.040	8.479	40520606	16247830	16.535	15.776
Target Compounds							
3)	L1 AR-1016-1	5.448	4.549	6786708	614660	63.804	15.913 #
4)	L1 AR-1016-2	5.555f	4.625	1933916	384093	12.695	7.180 #
5)	L1 AR-1016-3	5.555	4.763	1933916	144942	20.467	4.992 #
6)	L1 AR-1016-4	5.596f	4.799	67713	311546	0.903	12.551 #
7)	L1 AR-1016-5	5.959	4.955f	934551	304976	12.109	9.928
8)	L2 AR-1221-1	0.000	3.681	0	658563	N.D.	49.293 #
9)	L2 AR-1221-2	4.604	3.800	873978	7940564	30.743	782.411 #
10)	L2 AR-1221-3	4.656	3.821f	6343780	4875719	74.084	156.734 #
11)	L3 AR-1232-1	4.656	3.821f	6343780	4875719	96.876	204.943 #
12)	L3 AR-1232-2	5.169f	4.625	15829601	384093	411.780	16.028 #
13)	L3 AR-1232-3	5.555f	4.763	1933916	144942	28.859	11.414 #
14)	L3 AR-1232-4	0.000	4.863	0	220902	N.D.	18.118 #
15)	L3 AR-1232-5	5.751	4.955f	394004	304976	14.872	22.842 #
16)	L4 AR-1242-1	5.448	4.549	6786708	614660	82.024	20.646 #
17)	L4 AR-1242-2	5.555f	4.625	1933916	384093	16.375	9.443 #
18)	L4 AR-1242-3	5.555	4.763	1933916	144942	25.981	6.555 #
19)	L4 AR-1242-4	5.596f	4.863	67713	220902	1.162	9.315 #
20)	L4 AR-1242-5	6.388	5.367	1607889	796644	26.158	27.850
21)	L5 AR-1248-1	5.448	4.549	6786708	614660	107.304	27.075 #
22)	L5 AR-1248-2	5.751	4.799	394004	311546	4.161	9.583 #
23)	L5 AR-1248-3	5.959	4.863	934551	220902	9.480	6.553 #
24)	L5 AR-1248-4	6.361	4.955f	740746	304976	6.948	7.886
25)	L5 AR-1248-5	6.388	5.367f	1607889	796644	15.306	22.002 #
26)	L6 AR-1254-1	6.338	5.367	1870264	796644	16.137	13.524
27)	L6 AR-1254-2	6.555	5.514	2678491	455574	15.400	8.503 #
28)	L6 AR-1254-3	6.923	5.919	3301018	2329565	19.015	28.107 #
29)	L6 AR-1254-4	7.209	6.150	1283430	445884	10.069	8.978
30)	L6 AR-1254-5	7.651	6.567	4593628	1577696	32.611	21.071 #
31)	L7 AR-1260-1	7.087	6.050	1691605	870180	12.067	14.455
32)	L7 AR-1260-2	7.338	6.239	5059215	461742	31.272	6.392 #
33)	L7 AR-1260-3	7.700	6.390	472049	527392	4.493	7.915 #
34)	L7 AR-1260-4	7.956	6.863	49397	133370	0.400	2.622 #
35)	L7 AR-1260-5	8.249	7.112	465435	255765	2.045	2.202
36)	L8 AR-1262-1	7.700	6.605	472049	278048	2.848	3.670 #
37)	L8 AR-1262-2	8.249	7.112	465435	255765	1.657	1.995
38)	L8 AR-1262-3	8.572	0.000	571566	0	2.911	N.D. #
39)	L8 AR-1262-4	8.658	7.481	849498	779153	8.730	8.023
40)	L8 AR-1262-5	9.365f	7.951	520485	84485	4.940	1.780 #
41)	L9 AR-1268-1	8.572	0.000	571566	0	1.639	N.D. #
42)	L9 AR-1268-2	8.658	7.481	849498	779153	2.723	5.553 #

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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
44) L9	AR-1268-4	9.365f	7.951	520485	84485	4.467	1.556 #
45) L9	AR-1268-5	0.000	8.235	0	162719	N.D.	0.465 #

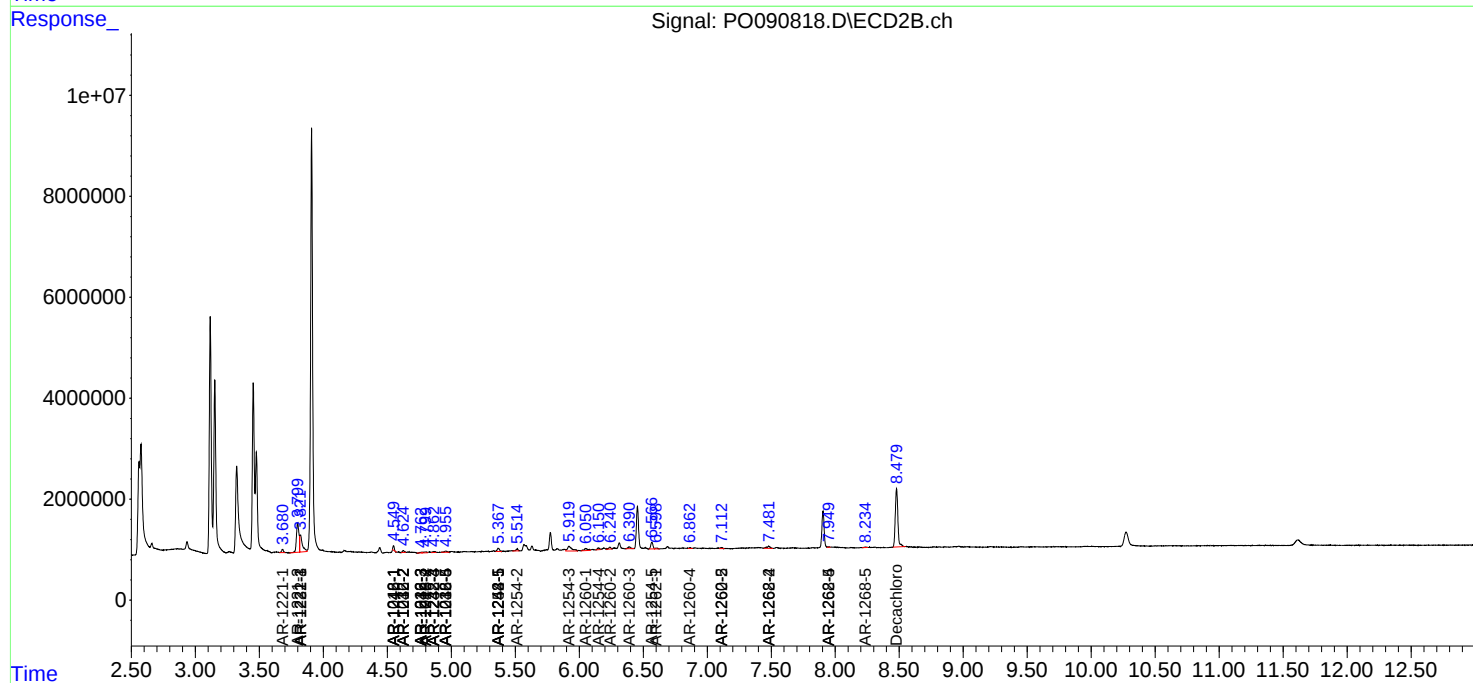
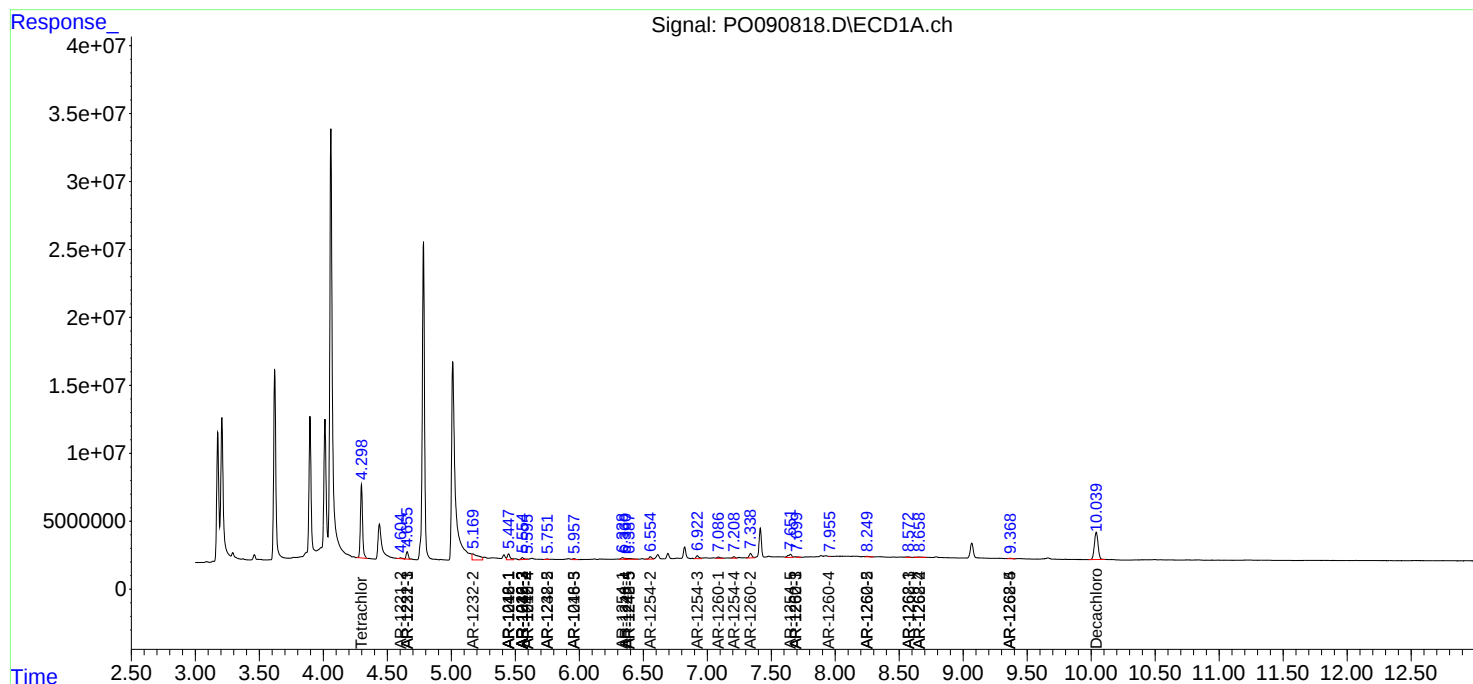
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

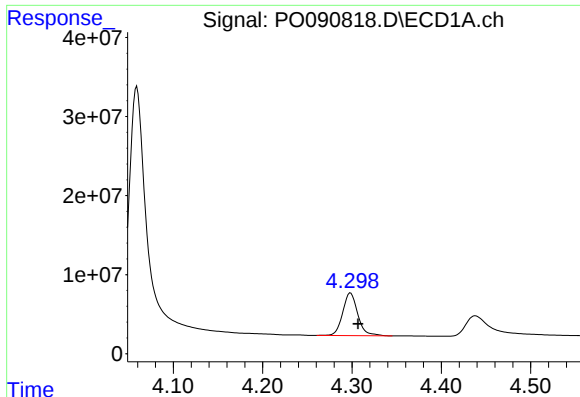
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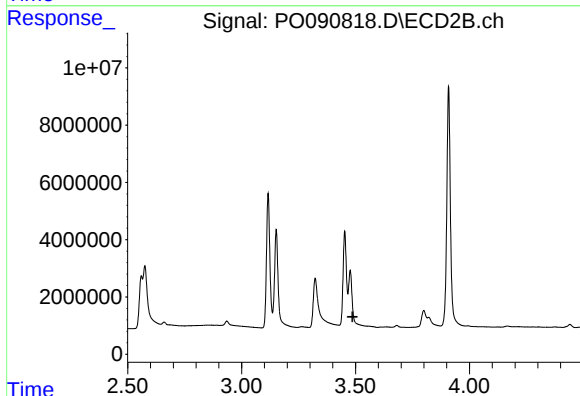




#1 Tetrachloro-m-xylene

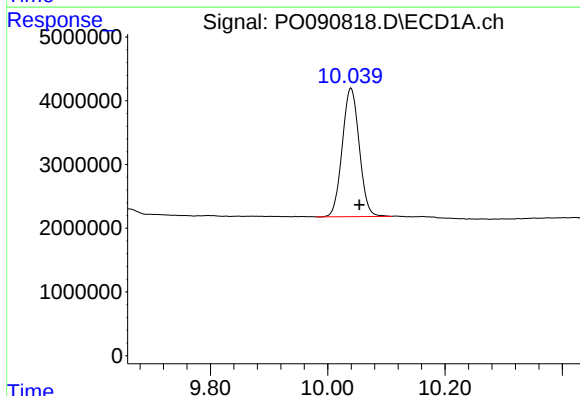
R.T.: 4.298 min
Delta R.T.: -0.009 min
Response: 63195990
Conc: 19.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



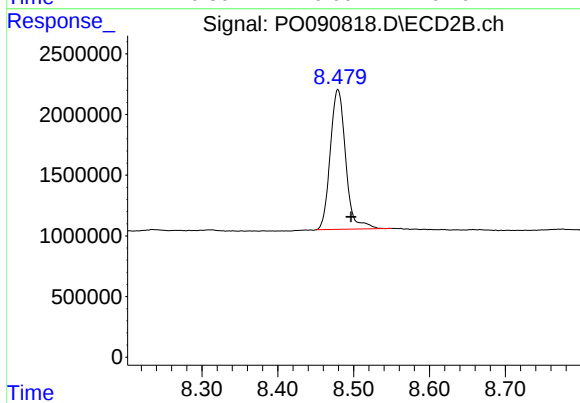
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: -0.010 min
Response: -45940720
Conc: N.D.



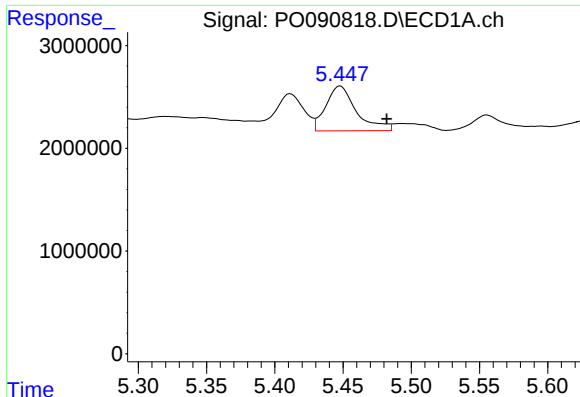
#2 Decachlorobiphenyl

R.T.: 10.040 min
Delta R.T.: -0.014 min
Response: 40520606
Conc: 16.54 ng/ml



#2 Decachlorobiphenyl

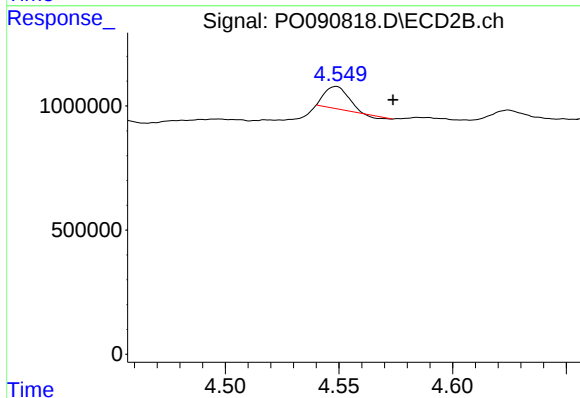
R.T.: 8.479 min
Delta R.T.: -0.017 min
Response: 16247830
Conc: 15.78 ng/ml



#3 AR-1016-1

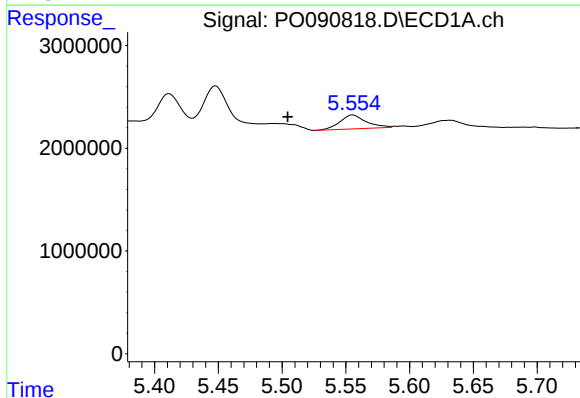
R.T.: 5.448 min
Delta R.T.: -0.034 min
Response: 6786708
Conc: 63.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



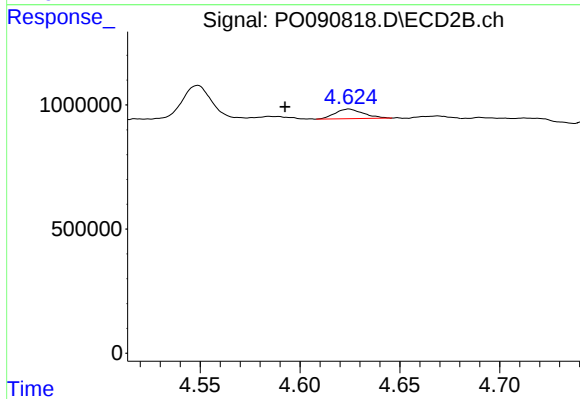
#3 AR-1016-1

R.T.: 4.549 min
Delta R.T.: -0.025 min
Response: 614660
Conc: 15.91 ng/ml



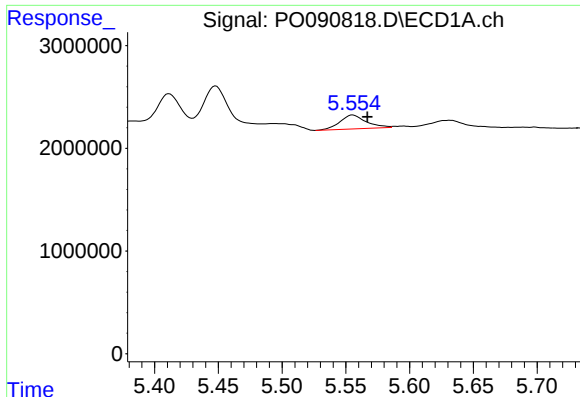
#4 AR-1016-2

R.T.: 5.555 min
Delta R.T.: 0.051 min
Response: 1933916
Conc: 12.70 ng/ml



#4 AR-1016-2

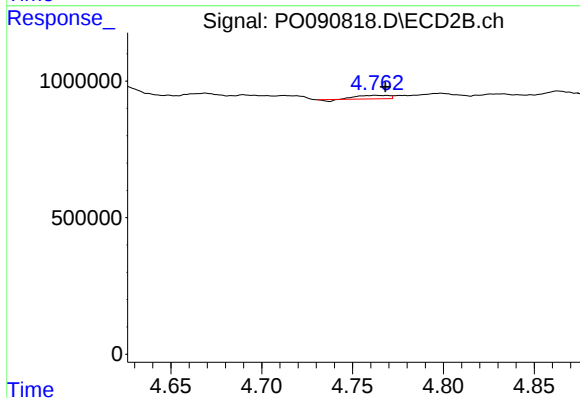
R.T.: 4.625 min
Delta R.T.: 0.032 min
Response: 384093
Conc: 7.18 ng/ml



#5 AR-1016-3

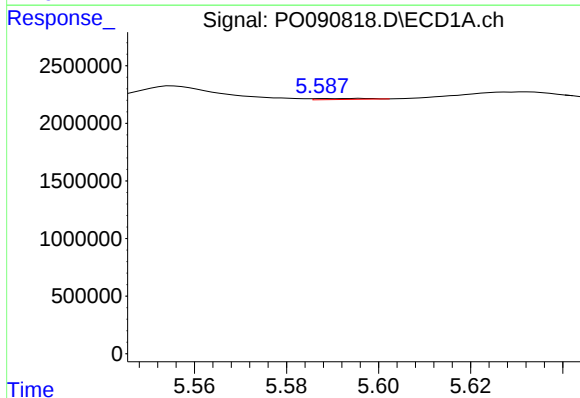
R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 1933916
Conc: 20.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



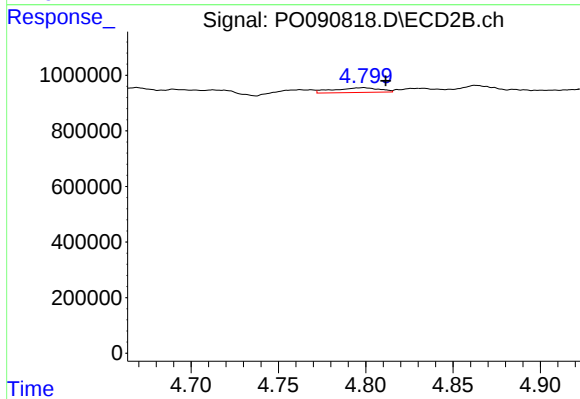
#5 AR-1016-3

R.T.: 4.763 min
Delta R.T.: -0.006 min
Response: 144942
Conc: 4.99 ng/ml



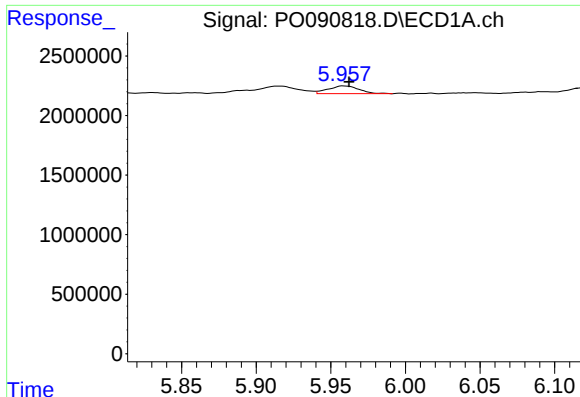
#6 AR-1016-4

R.T.: 5.596 min
Delta R.T.: -0.069 min
Response: 67713
Conc: 0.90 ng/ml



#6 AR-1016-4

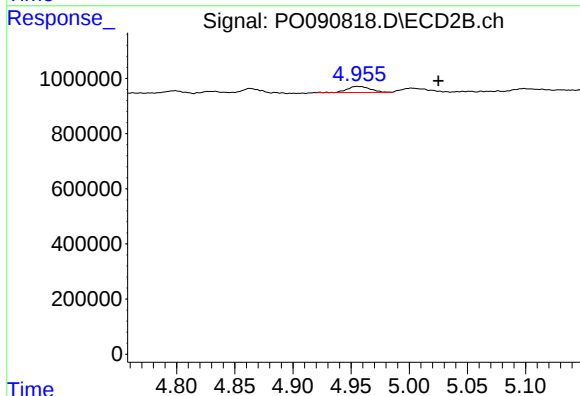
R.T.: 4.799 min
Delta R.T.: -0.013 min
Response: 311546
Conc: 12.55 ng/ml



#7 AR-1016-5

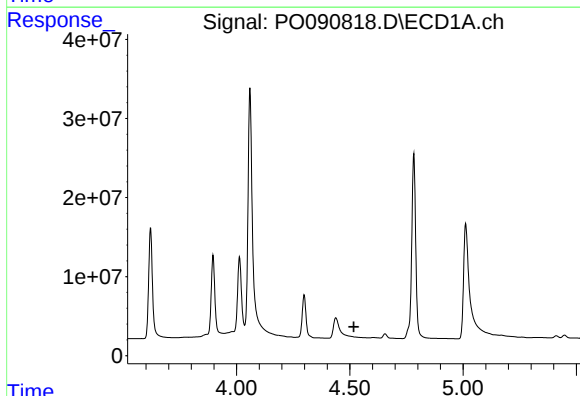
R.T.: 5.959 min
Delta R.T.: -0.004 min
Response: 934551
Conc: 12.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



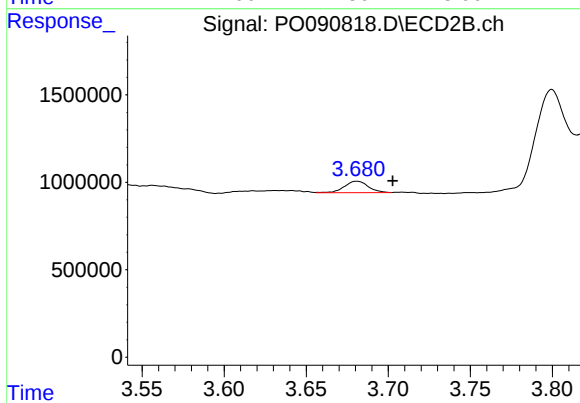
#7 AR-1016-5

R.T.: 4.955 min
Delta R.T.: -0.070 min
Response: 304976
Conc: 9.93 ng/ml



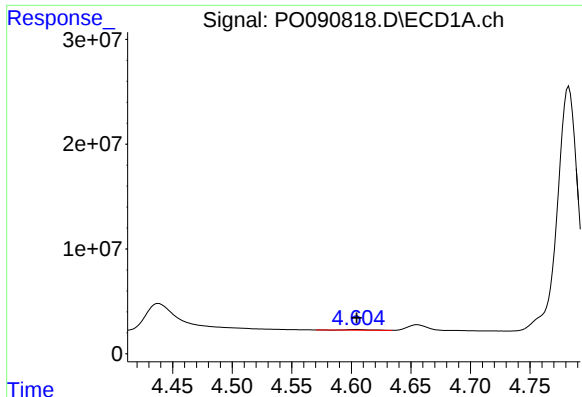
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.518 min
Response: 0
Conc: N.D.



#8 AR-1221-1

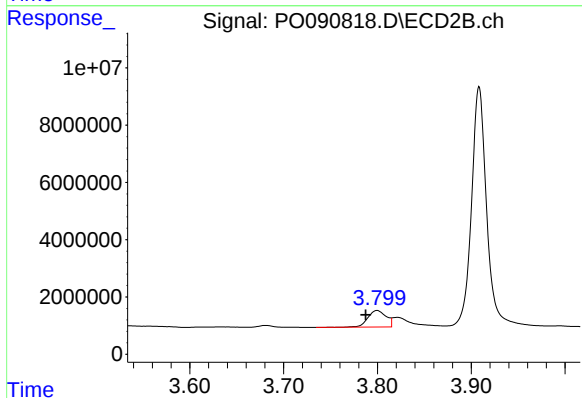
R.T.: 3.681 min
Delta R.T.: -0.022 min
Response: 658563
Conc: 49.29 ng/ml



#9 AR-1221-2

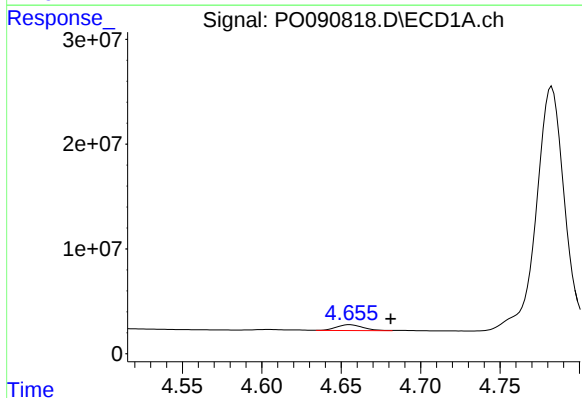
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 873978
Conc: 30.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



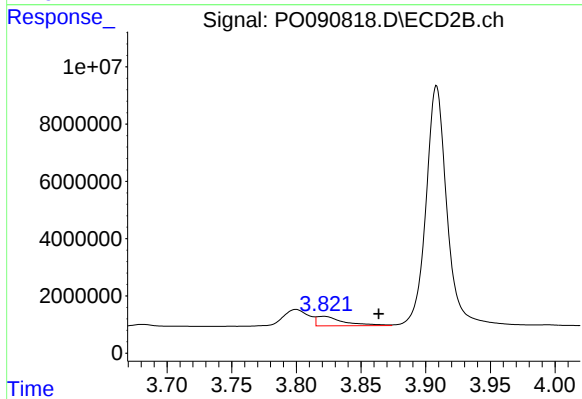
#9 AR-1221-2

R.T.: 3.800 min
Delta R.T.: 0.012 min
Response: 7940564
Conc: 782.41 ng/ml



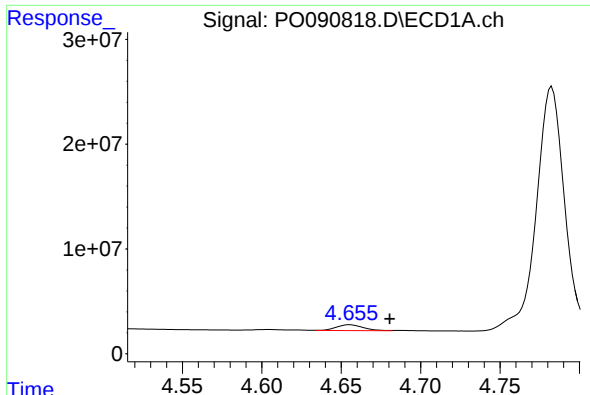
#10 AR-1221-3

R.T.: 4.656 min
Delta R.T.: -0.026 min
Response: 6343780
Conc: 74.08 ng/ml



#10 AR-1221-3

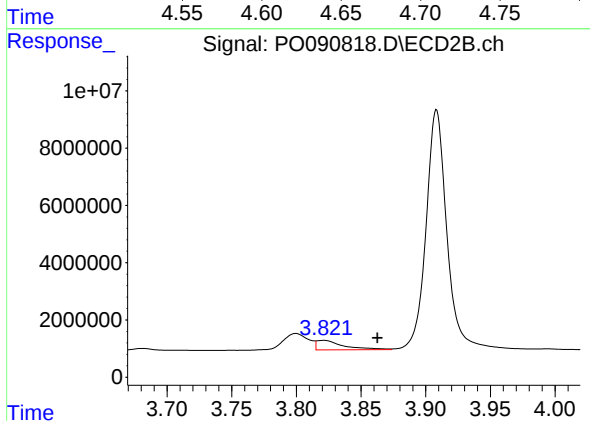
R.T.: 3.821 min
Delta R.T.: -0.042 min
Response: 4875719
Conc: 156.73 ng/ml



#11 AR-1232-1

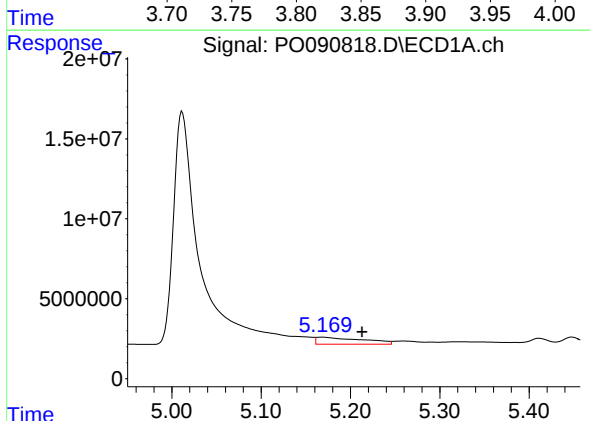
R.T.: 4.656 min
Delta R.T.: -0.025 min
Response: 6343780
Conc: 96.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



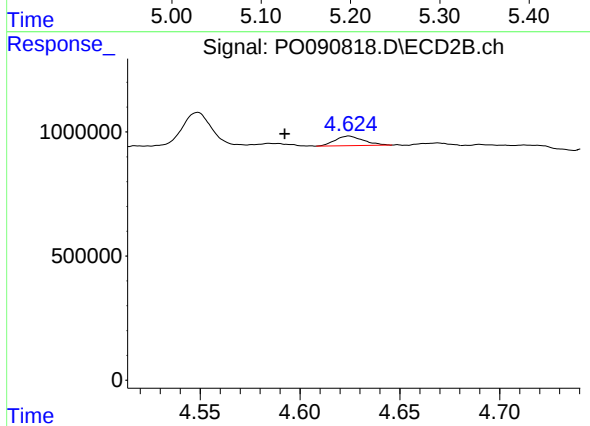
#11 AR-1232-1

R.T.: 3.821 min
Delta R.T.: -0.041 min
Response: 4875719
Conc: 204.94 ng/ml



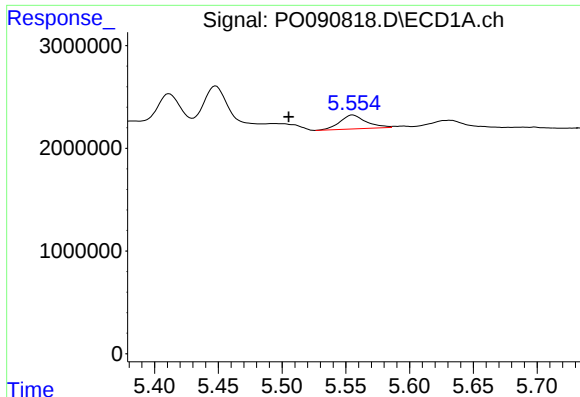
#12 AR-1232-2

R.T.: 5.169 min
Delta R.T.: -0.044 min
Response: 15829601
Conc: 411.78 ng/ml



#12 AR-1232-2

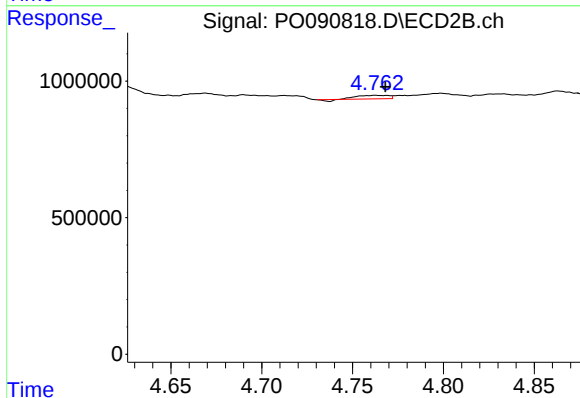
R.T.: 4.625 min
Delta R.T.: 0.032 min
Response: 384093
Conc: 16.03 ng/ml



#13 AR-1232-3

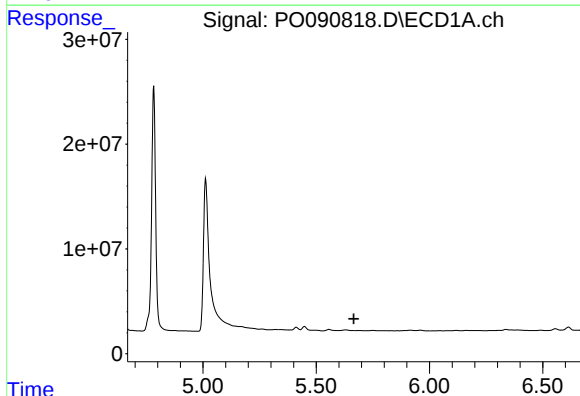
R.T.: 5.555 min
Delta R.T.: 0.050 min
Response: 1933916
Conc: 28.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



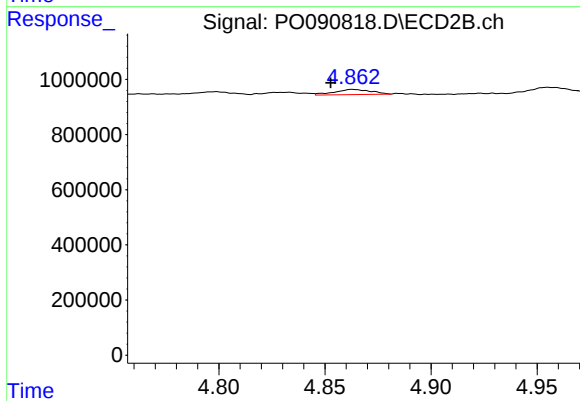
#13 AR-1232-3

R.T.: 4.763 min
Delta R.T.: -0.005 min
Response: 144942
Conc: 11.41 ng/ml



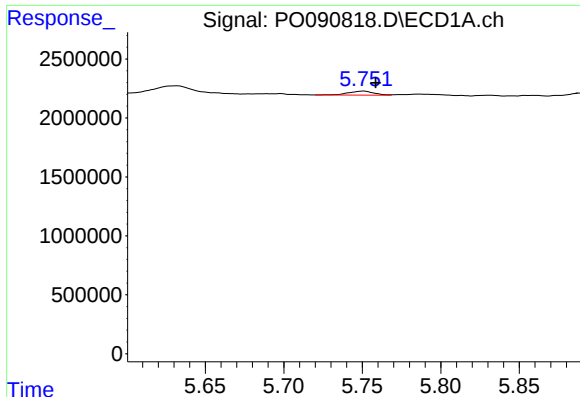
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.666 min
Response: 0
Conc: N.D.



#14 AR-1232-4

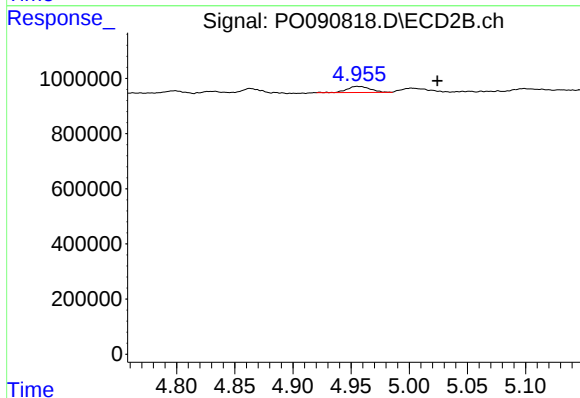
R.T.: 4.863 min
Delta R.T.: 0.010 min
Response: 220902
Conc: 18.12 ng/ml



#15 AR-1232-5

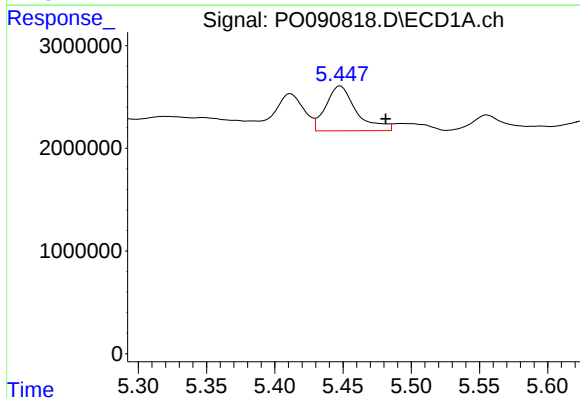
R.T.: 5.751 min
Delta R.T.: -0.007 min
Response: 394004
Conc: 14.87 ng/ml

Instrument :
ECD_O
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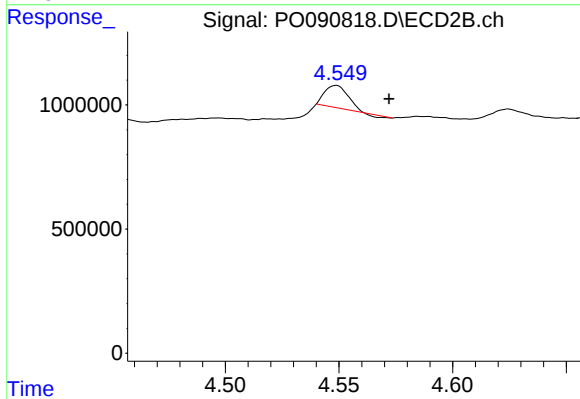
#15 AR-1232-5

R.T.: 4.955 min
Delta R.T.: -0.069 min
Response: 304976
Conc: 22.84 ng/ml



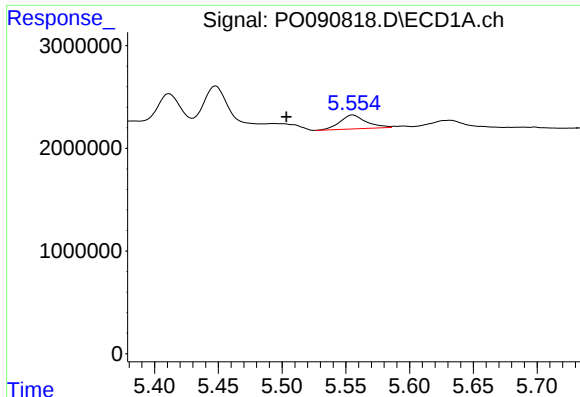
#16 AR-1242-1

R.T.: 5.448 min
Delta R.T.: -0.033 min
Response: 6786708
Conc: 82.02 ng/ml



#16 AR-1242-1

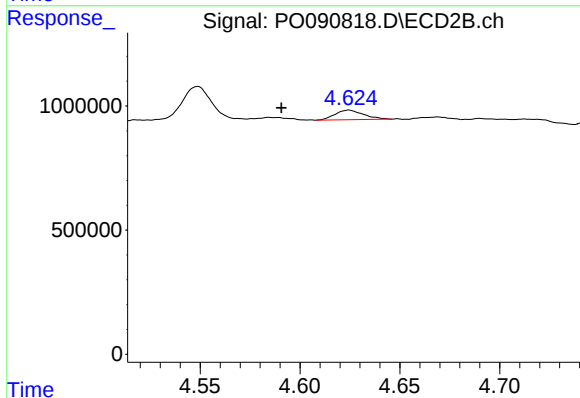
R.T.: 4.549 min
Delta R.T.: -0.023 min
Response: 614660
Conc: 20.65 ng/ml



#17 AR-1242-2

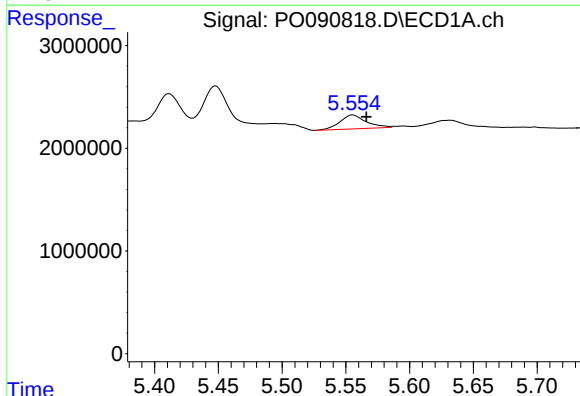
R.T.: 5.555 min
Delta R.T.: 0.052 min
Response: 1933916
Conc: 16.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



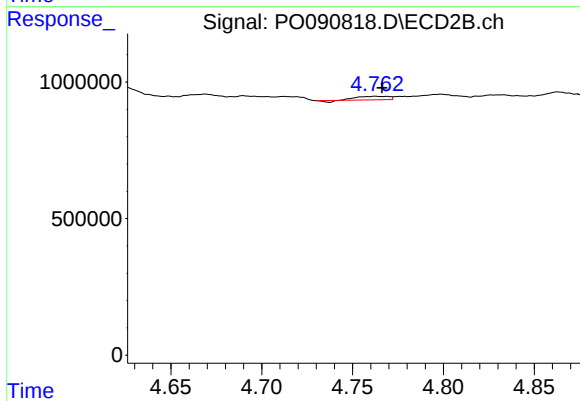
#17 AR-1242-2

R.T.: 4.625 min
Delta R.T.: 0.034 min
Response: 384093
Conc: 9.44 ng/ml



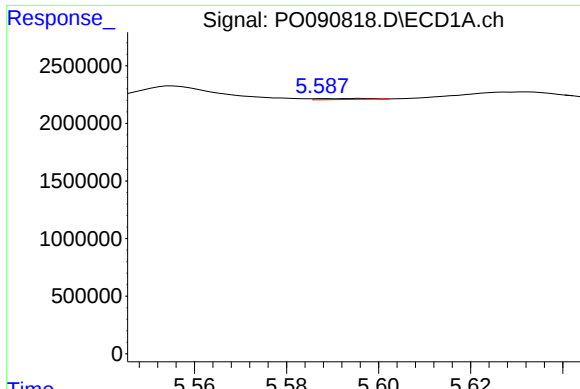
#18 AR-1242-3

R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 1933916
Conc: 25.98 ng/ml



#18 AR-1242-3

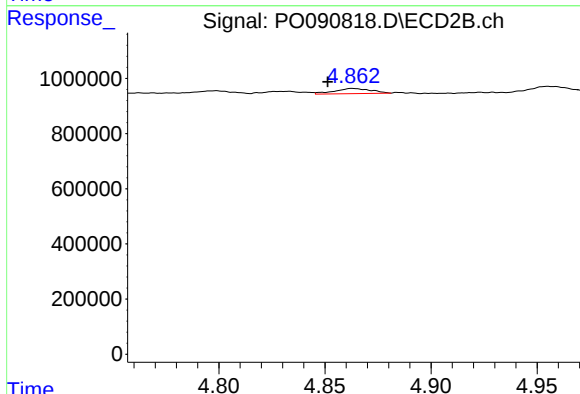
R.T.: 4.763 min
Delta R.T.: -0.004 min
Response: 144942
Conc: 6.55 ng/ml



#19 AR-1242-4

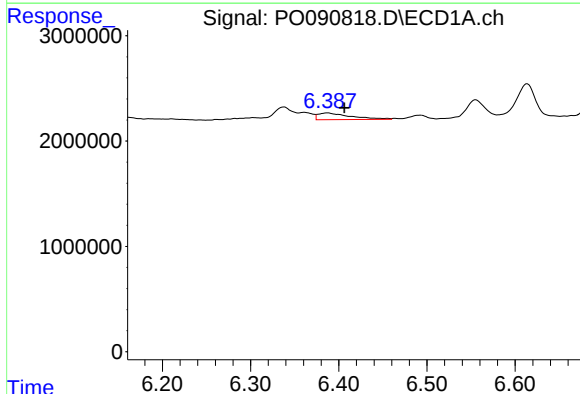
R.T.: 5.596 min
Delta R.T.: -0.069 min
Response: 67713
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



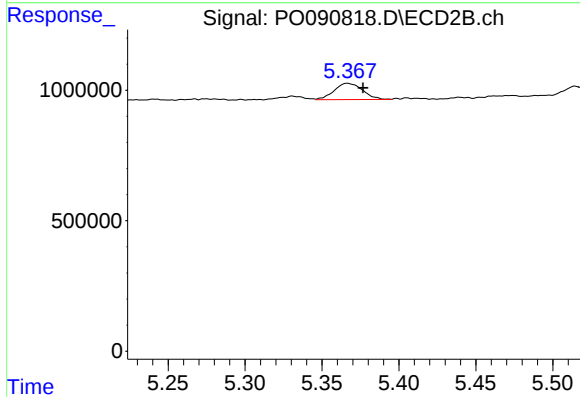
#19 AR-1242-4

R.T.: 4.863 min
Delta R.T.: 0.012 min
Response: 220902
Conc: 9.32 ng/ml



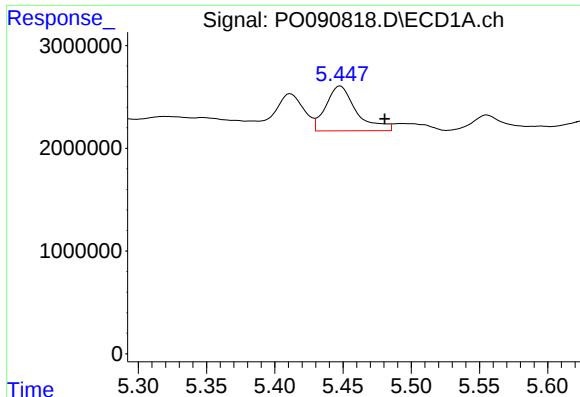
#20 AR-1242-5

R.T.: 6.388 min
Delta R.T.: -0.019 min
Response: 1607889
Conc: 26.16 ng/ml



#20 AR-1242-5

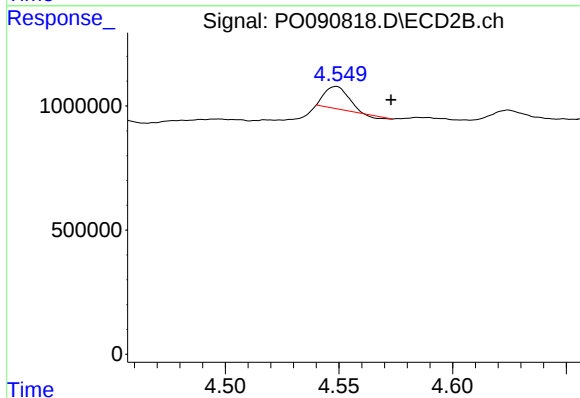
R.T.: 5.367 min
Delta R.T.: -0.010 min
Response: 796644
Conc: 27.85 ng/ml



#21 AR-1248-1

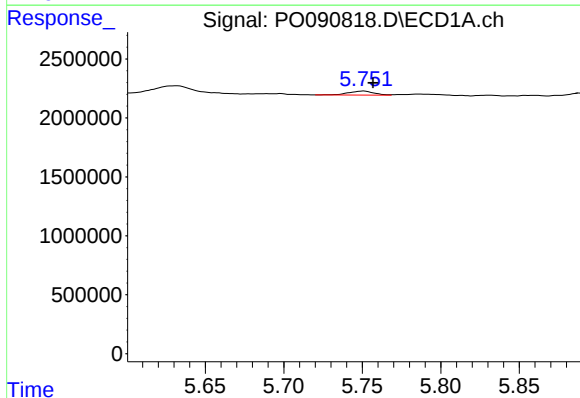
R.T.: 5.448 min
Delta R.T.: -0.033 min
Response: 6786708
Conc: 107.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



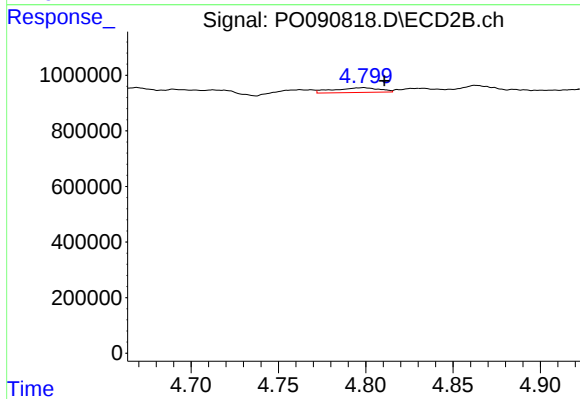
#21 AR-1248-1

R.T.: 4.549 min
Delta R.T.: -0.024 min
Response: 614660
Conc: 27.07 ng/ml



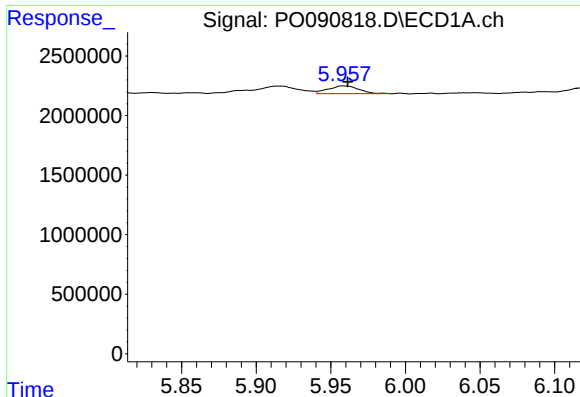
#22 AR-1248-2

R.T.: 5.751 min
Delta R.T.: -0.006 min
Response: 394004
Conc: 4.16 ng/ml



#22 AR-1248-2

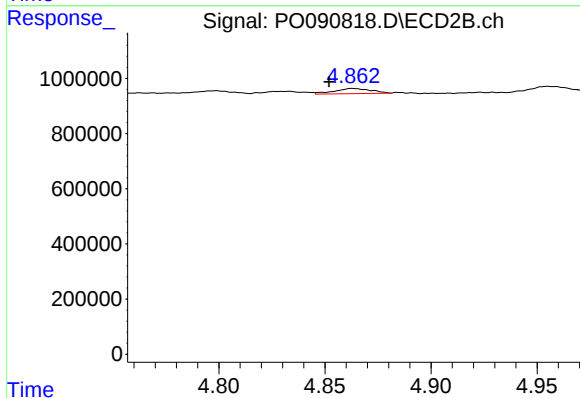
R.T.: 4.799 min
Delta R.T.: -0.012 min
Response: 311546
Conc: 9.58 ng/ml



#23 AR-1248-3

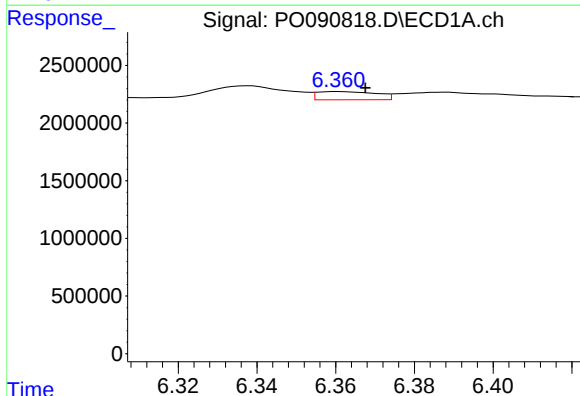
R.T.: 5.959 min
Delta R.T.: -0.003 min
Response: 934551
Conc: 9.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



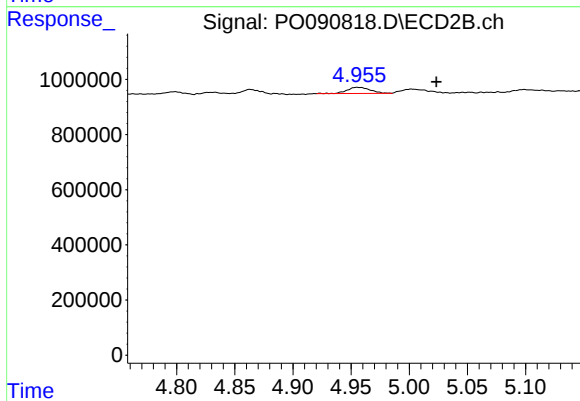
#23 AR-1248-3

R.T.: 4.863 min
Delta R.T.: 0.011 min
Response: 220902
Conc: 6.55 ng/ml



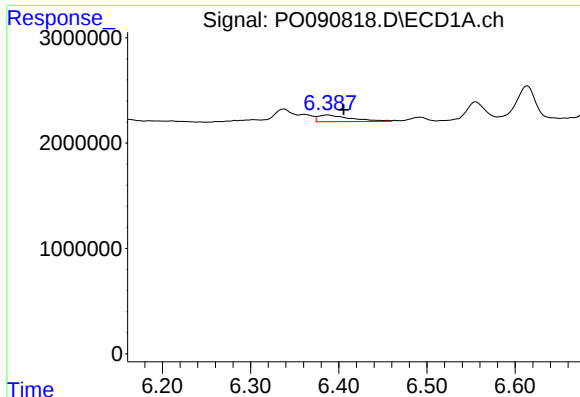
#24 AR-1248-4

R.T.: 6.361 min
Delta R.T.: -0.007 min
Response: 740746
Conc: 6.95 ng/ml



#24 AR-1248-4

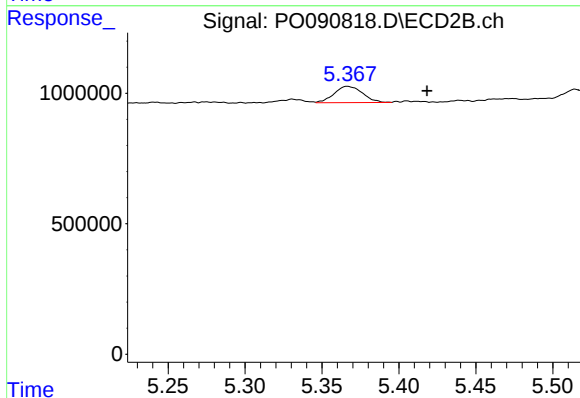
R.T.: 4.955 min
Delta R.T.: -0.068 min
Response: 304976
Conc: 7.89 ng/ml



#25 AR-1248-5

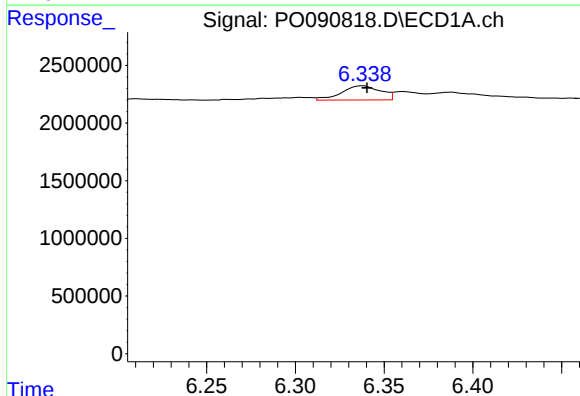
R.T.: 6.388 min
Delta R.T.: -0.018 min
Response: 1607889
Conc: 15.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



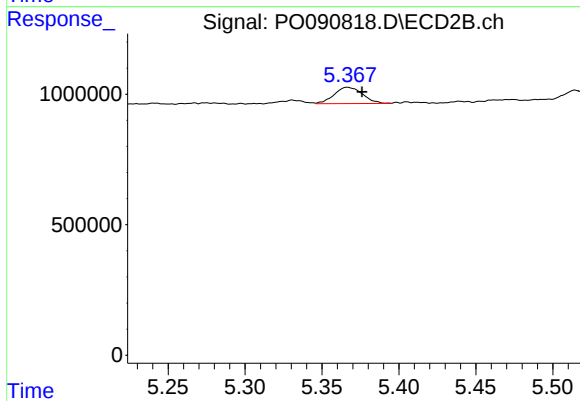
#25 AR-1248-5

R.T.: 5.367 min
Delta R.T.: -0.052 min
Response: 796644
Conc: 22.00 ng/ml



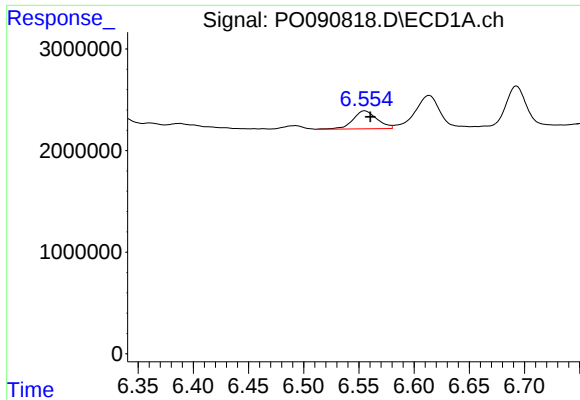
#26 AR-1254-1

R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 1870264
Conc: 16.14 ng/ml



#26 AR-1254-1

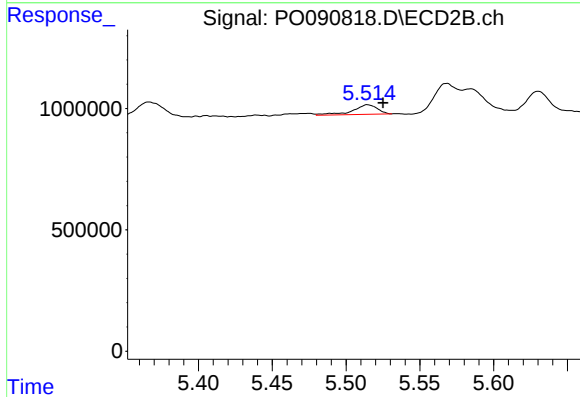
R.T.: 5.367 min
Delta R.T.: -0.010 min
Response: 796644
Conc: 13.52 ng/ml



#27 AR-1254-2

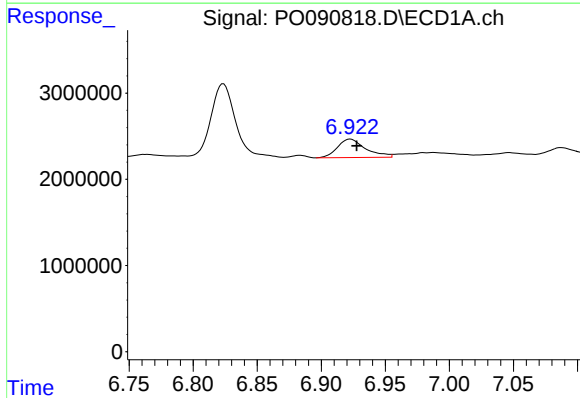
R.T.: 6.555 min
Delta R.T.: -0.005 min
Response: 2678491
Conc: 15.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



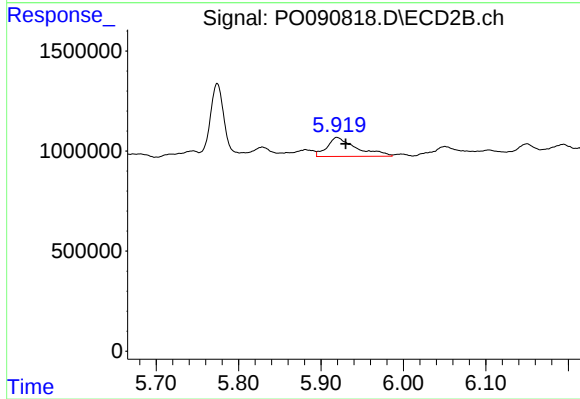
#27 AR-1254-2

R.T.: 5.514 min
Delta R.T.: -0.011 min
Response: 455574
Conc: 8.50 ng/ml



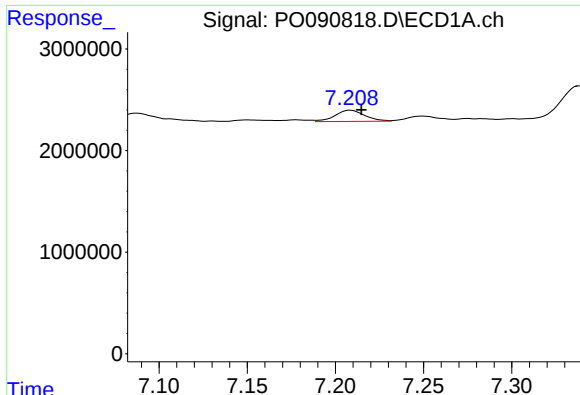
#28 AR-1254-3

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 3301018
Conc: 19.01 ng/ml



#28 AR-1254-3

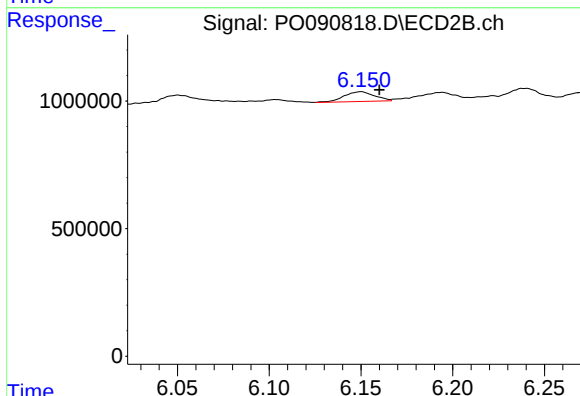
R.T.: 5.919 min
Delta R.T.: -0.011 min
Response: 2329565
Conc: 28.11 ng/ml



#29 AR-1254-4

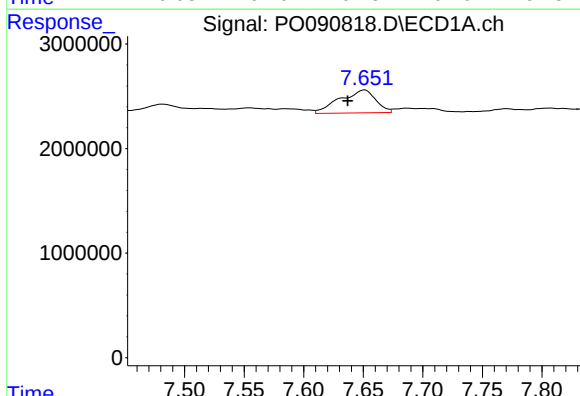
R.T.: 7.209 min
Delta R.T.: -0.006 min
Response: 1283430
Conc: 10.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



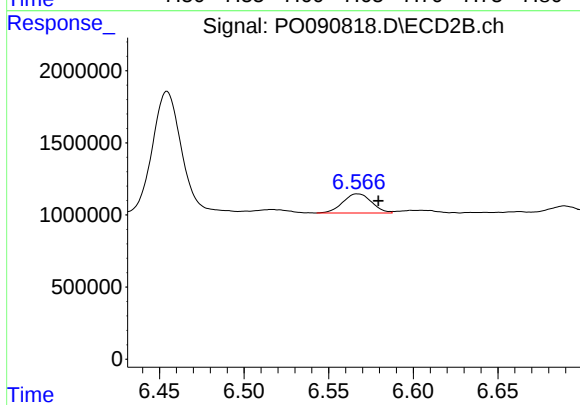
#29 AR-1254-4

R.T.: 6.150 min
Delta R.T.: -0.010 min
Response: 445884
Conc: 8.98 ng/ml



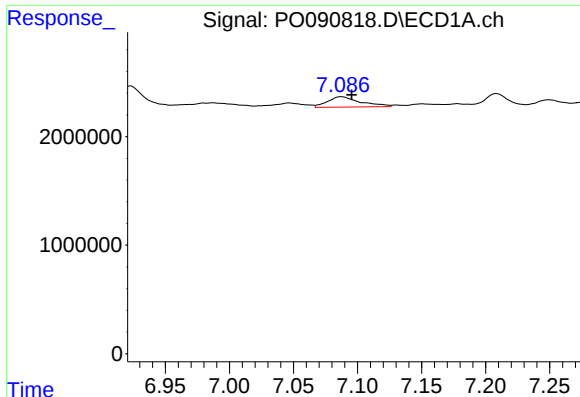
#30 AR-1254-5

R.T.: 7.651 min
Delta R.T.: 0.014 min
Response: 4593628
Conc: 32.61 ng/ml



#30 AR-1254-5

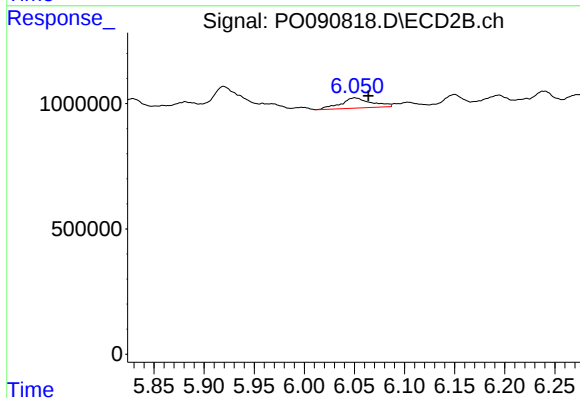
R.T.: 6.567 min
Delta R.T.: -0.012 min
Response: 1577696
Conc: 21.07 ng/ml



#31 AR-1260-1

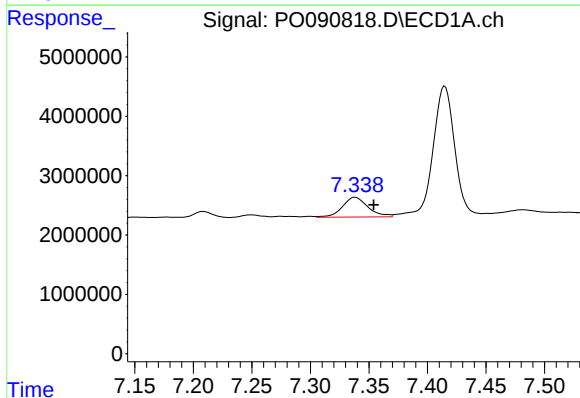
R.T.: 7.087 min
Delta R.T.: -0.008 min
Response: 1691605
Conc: 12.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



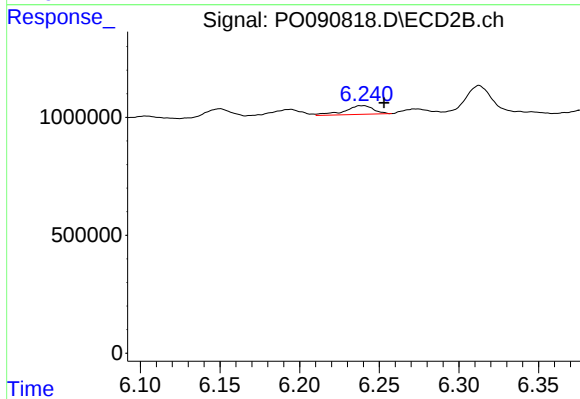
#31 AR-1260-1

R.T.: 6.050 min
Delta R.T.: -0.013 min
Response: 870180
Conc: 14.45 ng/ml



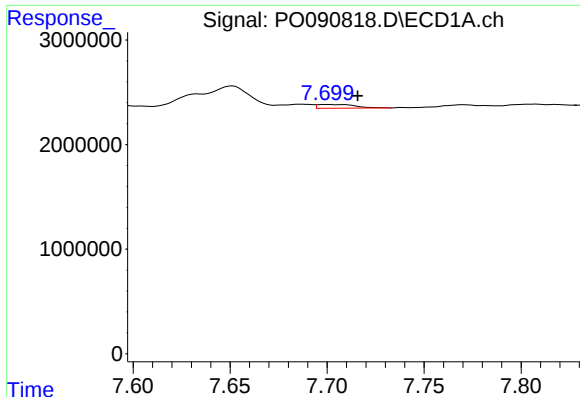
#32 AR-1260-2

R.T.: 7.338 min
Delta R.T.: -0.016 min
Response: 5059215
Conc: 31.27 ng/ml



#32 AR-1260-2

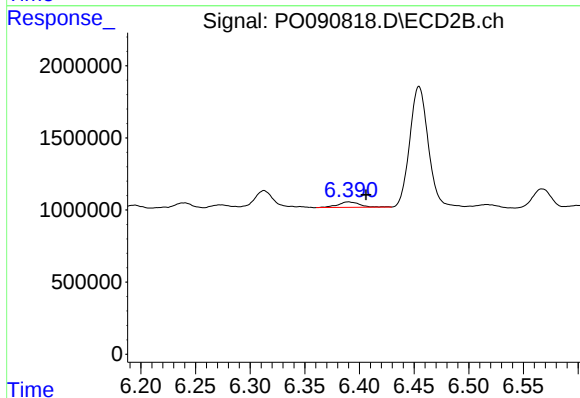
R.T.: 6.239 min
Delta R.T.: -0.014 min
Response: 461742
Conc: 6.39 ng/ml



#33 AR-1260-3

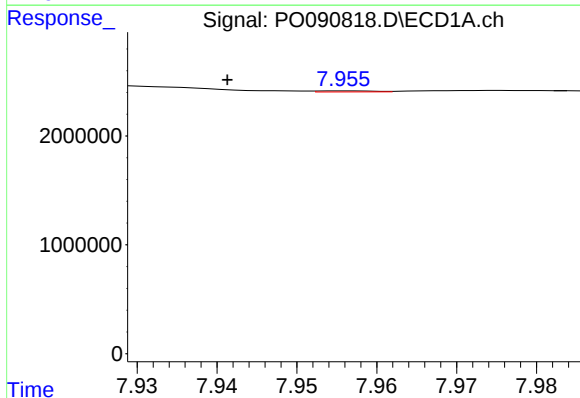
R.T.: 7.700 min
Delta R.T.: -0.016 min
Response: 472049
Conc: 4.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



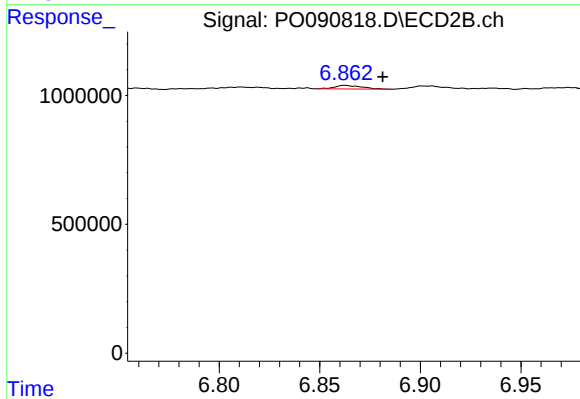
#33 AR-1260-3

R.T.: 6.390 min
Delta R.T.: -0.016 min
Response: 527392
Conc: 7.91 ng/ml



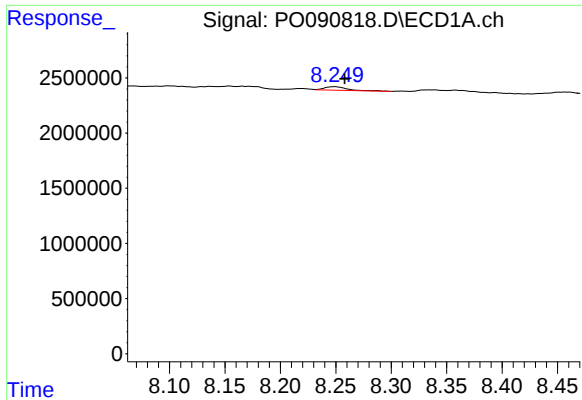
#34 AR-1260-4

R.T.: 7.956 min
Delta R.T.: 0.015 min
Response: 49397
Conc: 0.40 ng/ml



#34 AR-1260-4

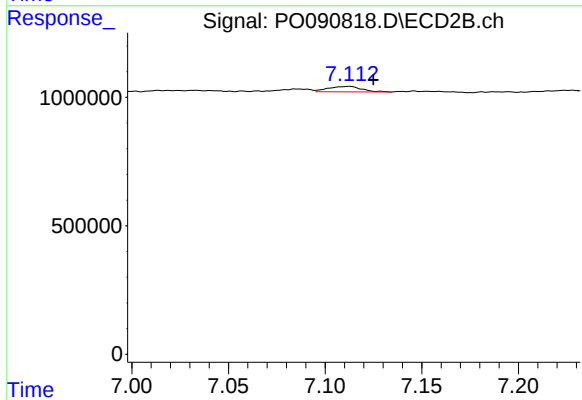
R.T.: 6.863 min
Delta R.T.: -0.019 min
Response: 133370
Conc: 2.62 ng/ml



#35 AR-1260-5

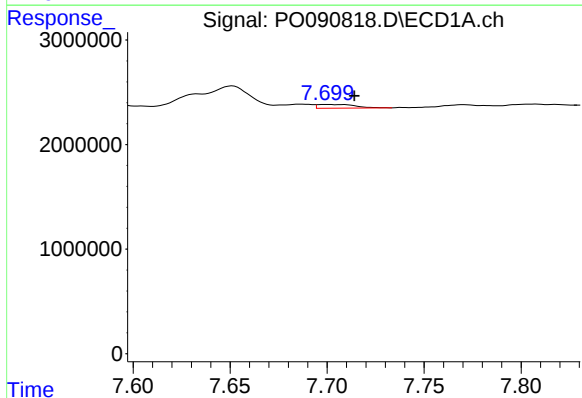
R.T.: 8.249 min
Delta R.T.: -0.009 min
Response: 465435
Conc: 2.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



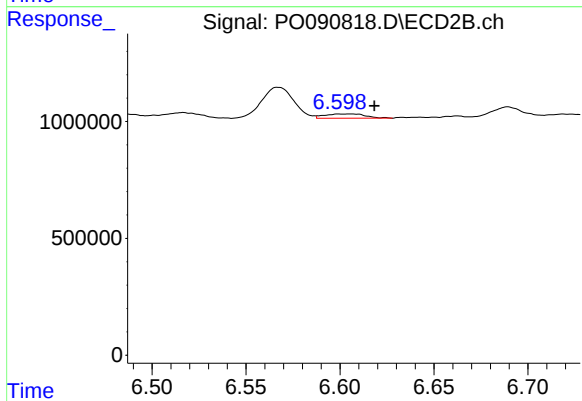
#35 AR-1260-5

R.T.: 7.112 min
Delta R.T.: -0.013 min
Response: 255765
Conc: 2.20 ng/ml



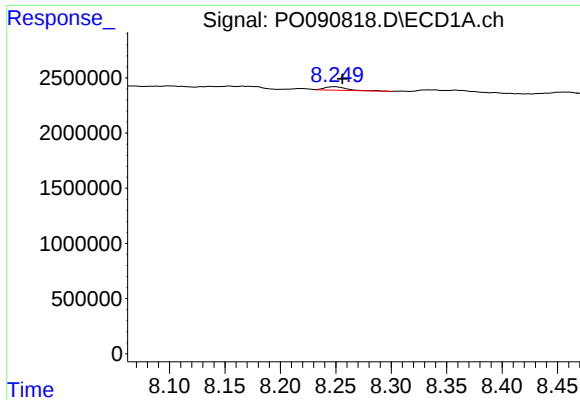
#36 AR-1262-1

R.T.: 7.700 min
Delta R.T.: -0.014 min
Response: 472049
Conc: 2.85 ng/ml



#36 AR-1262-1

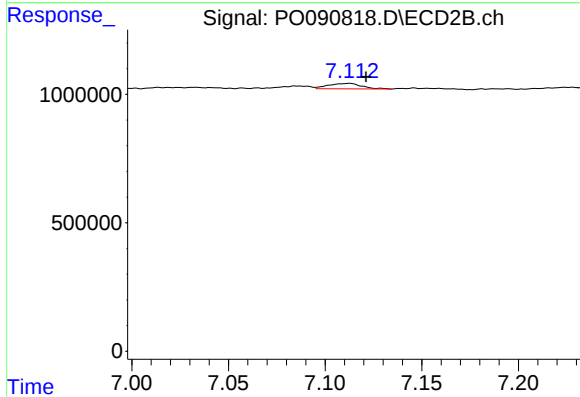
R.T.: 6.605 min
Delta R.T.: -0.013 min
Response: 278048
Conc: 3.67 ng/ml



#37 AR-1262-2

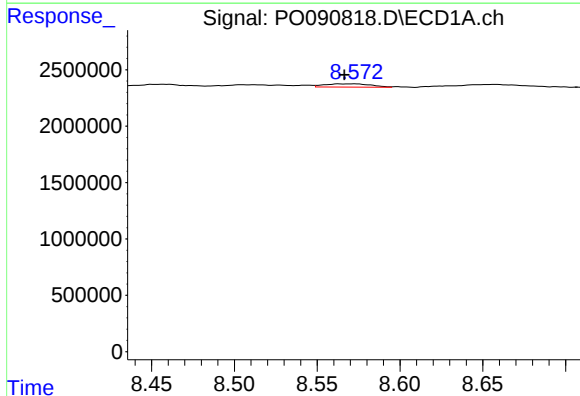
R.T.: 8.249 min
Delta R.T.: -0.007 min
Response: 465435
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



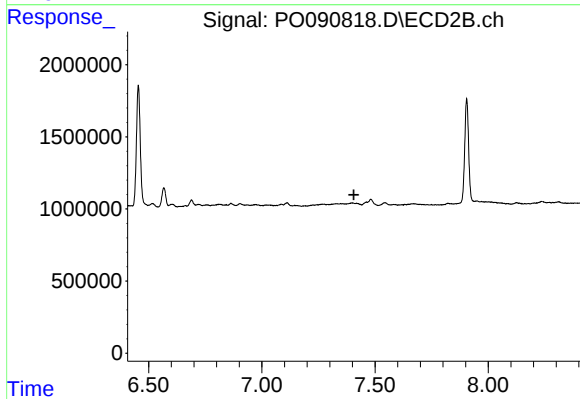
#37 AR-1262-2

R.T.: 7.112 min
Delta R.T.: -0.009 min
Response: 255765
Conc: 1.99 ng/ml



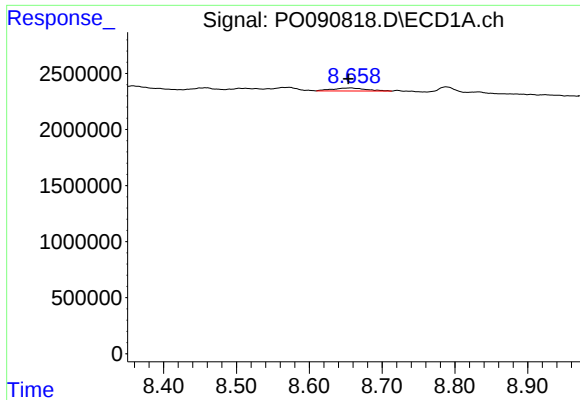
#38 AR-1262-3

R.T.: 8.572 min
Delta R.T.: 0.006 min
Response: 571566
Conc: 2.91 ng/ml



#38 AR-1262-3

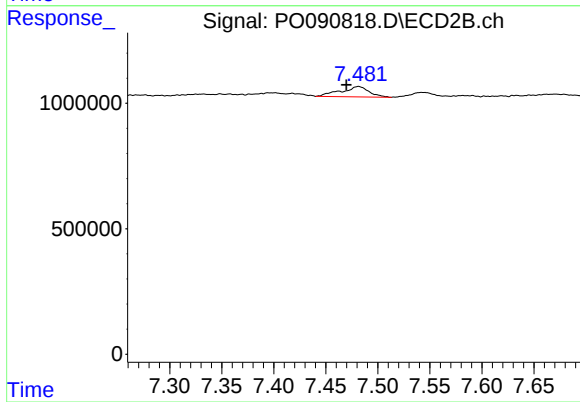
R.T.: 0.000 min
Exp R.T. : 7.407 min
Response: 0
Conc: N.D.



#39 AR-1262-4

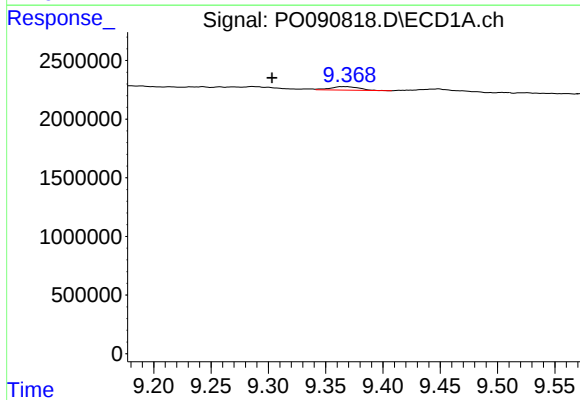
R.T.: 8.658 min
Delta R.T.: 0.004 min
Response: 849498
Conc: 8.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



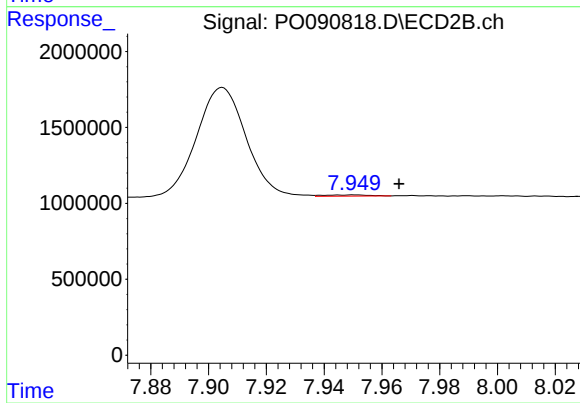
#39 AR-1262-4

R.T.: 7.481 min
Delta R.T.: 0.011 min
Response: 779153
Conc: 8.02 ng/ml



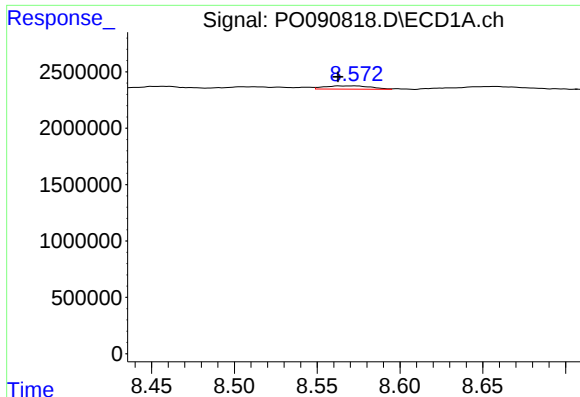
#40 AR-1262-5

R.T.: 9.365 min
Delta R.T.: 0.062 min
Response: 520485
Conc: 4.94 ng/ml



#40 AR-1262-5

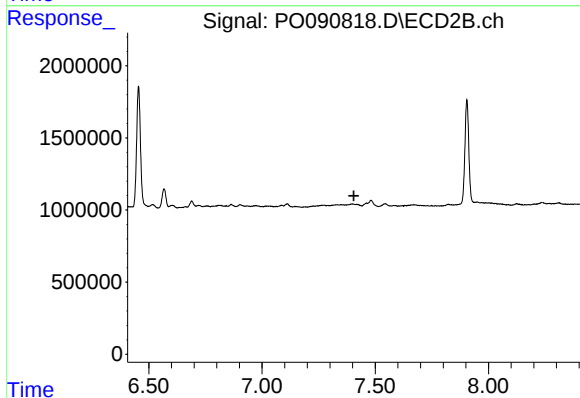
R.T.: 7.951 min
Delta R.T.: -0.015 min
Response: 84485
Conc: 1.78 ng/ml



#41 AR-1268-1

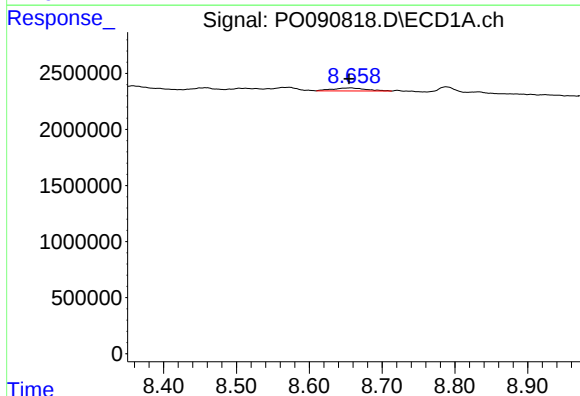
R.T.: 8.572 min
Delta R.T.: 0.010 min
Response: 571566
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



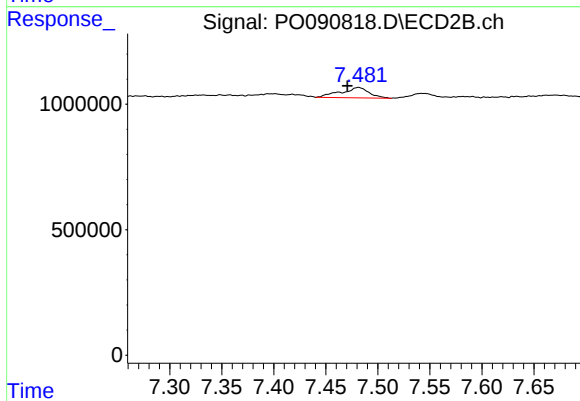
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.406 min
Response: 0
Conc: N.D.



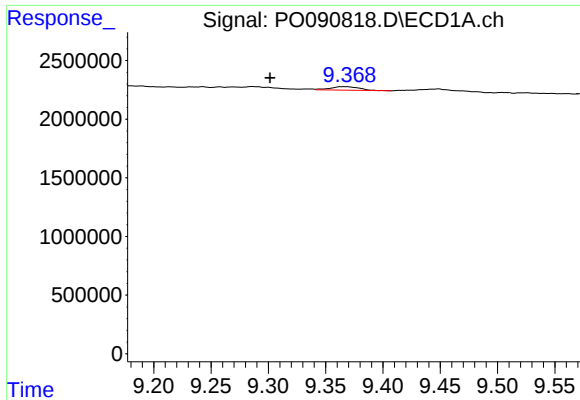
#42 AR-1268-2

R.T.: 8.658 min
Delta R.T.: 0.003 min
Response: 849498
Conc: 2.72 ng/ml



#42 AR-1268-2

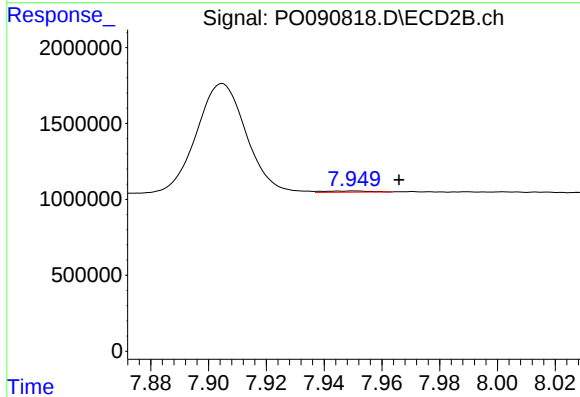
R.T.: 7.481 min
Delta R.T.: 0.011 min
Response: 779153
Conc: 5.55 ng/ml



#44 AR-1268-4

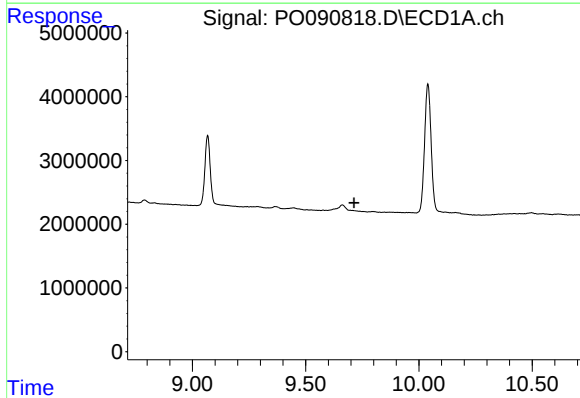
R.T.: 9.365 min
Delta R.T.: 0.063 min
Response: 520485
Conc: 4.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



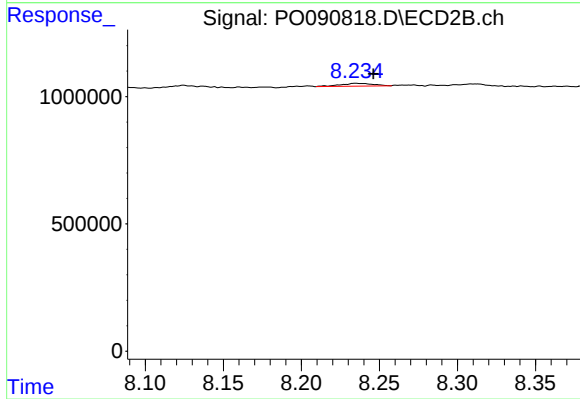
#44 AR-1268-4

R.T.: 7.951 min
Delta R.T.: -0.015 min
Response: 84485
Conc: 1.56 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.714 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.235 min
Delta R.T.: -0.011 min
Response: 162719
Conc: 0.46 ng/ml