

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031523\
 Data File : P0093189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 22:13
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 01:00:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.427	3.633	146.0E6	53967408	46.618	47.849
2)	SA Decachlor...	10.261	8.663	98468137	45871268	45.497	46.849
Target Compounds							
3)	L1 AR-1016-1	5.604	4.718	36569325	13819066	382.716	386.053
4)	L1 AR-1016-2	5.627	4.736	53522067	20421142	374.825	393.500
5)	L1 AR-1016-3	5.690	4.913	34639472	10890761	381.771	393.661
6)	L1 AR-1016-4	5.788	4.955	26207410	9346667	386.818	375.915
7)	L1 AR-1016-5	6.086	5.168	29277520	13252935	391.033	418.750
8)	L2 AR-1221-1	4.633	3.845	4528449	1666761	112.028	113.350
9)	L2 AR-1221-2	4.725	3.932	6833606	2465702	225.496	225.783
10)	L2 AR-1221-3	4.800	4.008	24372848	9208078	266.598	270.291
11)	L3 AR-1232-1	4.800	4.008	24372848	9208078	333.835	326.017
12)	L3 AR-1232-2	5.334	4.736	30055046	20421142	835.876	828.770
13)	L3 AR-1232-3	5.627	4.913	53522067	10890761	817.569	860.810
14)	L3 AR-1232-4	5.788	4.997	26207410	12142136	855.979	948.038
15)	L3 AR-1232-5	5.880	5.168	25343569	13252935	913.327	945.010
16)	L4 AR-1242-1	5.604	4.718	36569325	13819066	446.167	454.773
17)	L4 AR-1242-2	5.627	4.736	53522067	20421142	445.931	459.958
18)	L4 AR-1242-3	5.690	4.913	34639472	10890761	451.339	465.822
19)	L4 AR-1242-4	5.788	4.997	26207410	12142136	457.296	466.107
20)	L4 AR-1242-5	6.532	5.521	28766352	14116116	460.335	494.139
21)	L5 AR-1248-1	5.604	4.718	36569325	13819066	588.272	593.815
22)	L5 AR-1248-2	5.880	4.955	25343569	9346667	265.350	257.906
23)	L5 AR-1248-3	6.086	4.997	29277520	12142136	281.355	323.561
24)	L5 AR-1248-4	6.494	5.168	26398301	13252935	259.236	308.054
25)	L5 AR-1248-5	6.532	5.562	28766352	11491699	281.033	312.466
26)	L6 AR-1254-1	6.466	5.521	19520329	14116116	167.040	224.909 #
27)	L6 AR-1254-2	6.690	5.670	23926279	4414619	140.028	78.340 #
28)	L6 AR-1254-3	7.057	6.075	10834852	5218571	65.177	60.615
29)	L6 AR-1254-4	7.345	6.304	5287506	3887828	49.602	85.015 #
30)	L6 AR-1254-5	7.768	6.724	4654835	1951532	34.376	26.425
31)	L7 AR-1260-1	7.223	6.219	1216046	2872291	9.387	47.243 #
32)	L7 AR-1260-2	7.482	6.394	2588858	1294862	17.537	17.910
33)	L7 AR-1260-3	7.857	6.547	279680	1109460	2.486	16.592 #
34)	L7 AR-1260-4	8.057	7.060	1656991	499174	12.921	9.071 #
35)	L7 AR-1260-5	0.000	7.245	0	72165	N.D.	0.613 #
36)	L8 AR-1262-1	7.768	6.724	4654835	1951532	46.828	52.224
37)	L8 AR-1262-2	0.000	7.245	0	72165	N.D.	0.606 #
38)	L8 AR-1262-3	8.735	7.678f	563183	385054	3.335	4.260 #
39)	L8 AR-1262-4	8.776f	7.678f	1650231	385054	18.426	4.260 #
41)	L9 AR-1268-1	8.735	0.000	563183	0	1.764	N.D. #
42)	L9 AR-1268-2	8.776f	7.678f	1650231	385054	5.684	2.758 #

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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

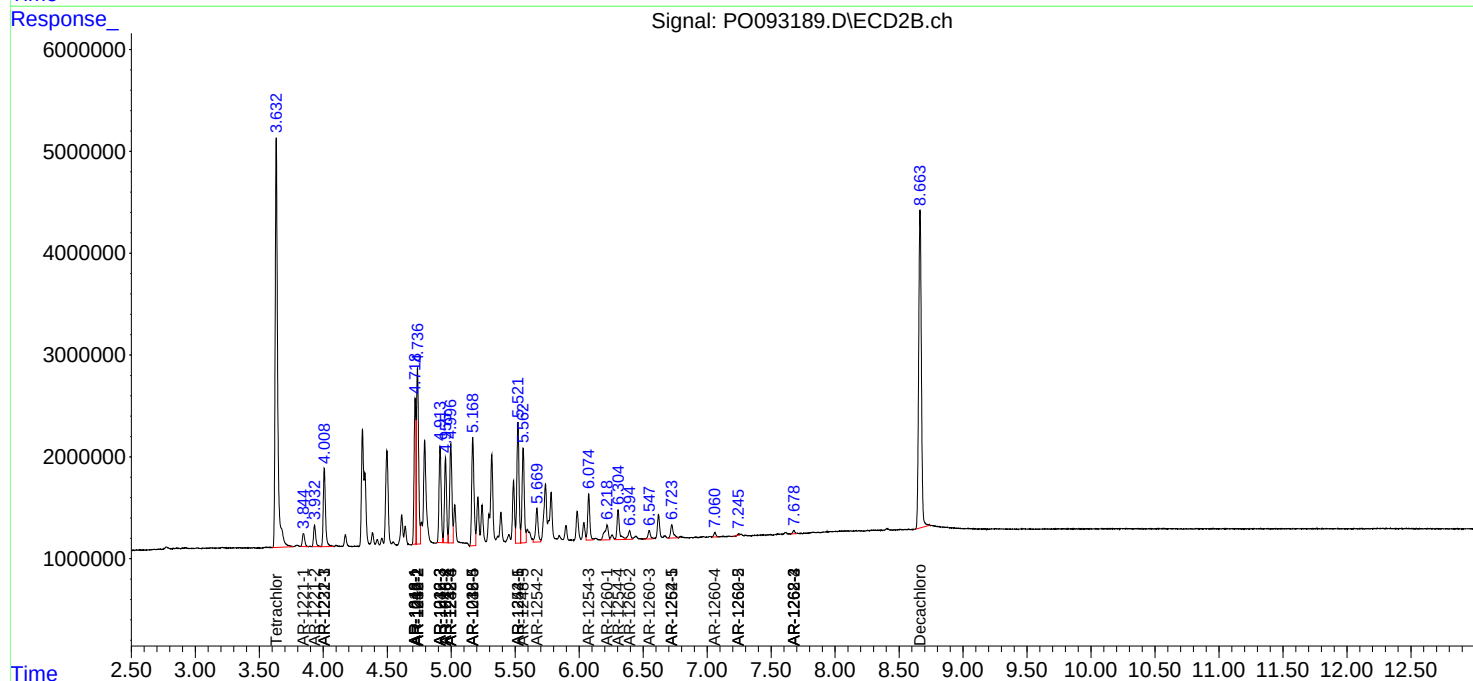
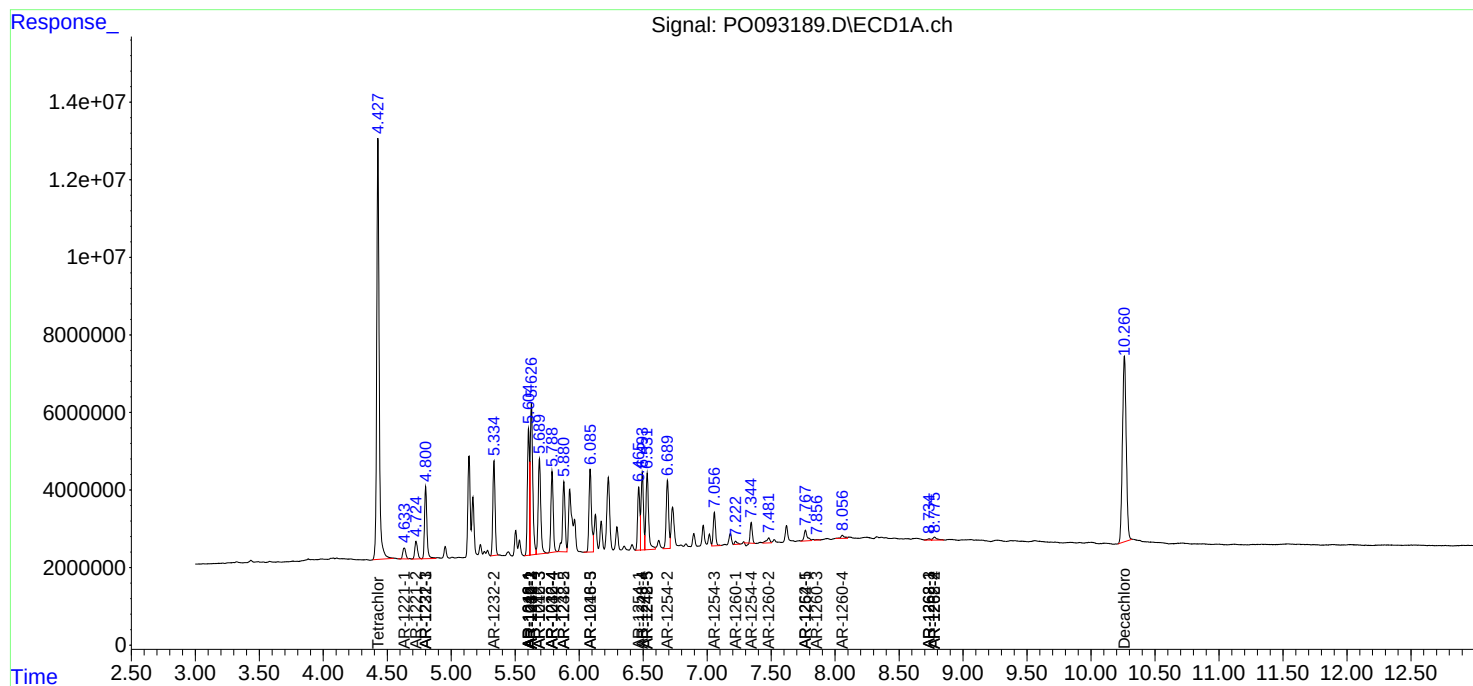
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

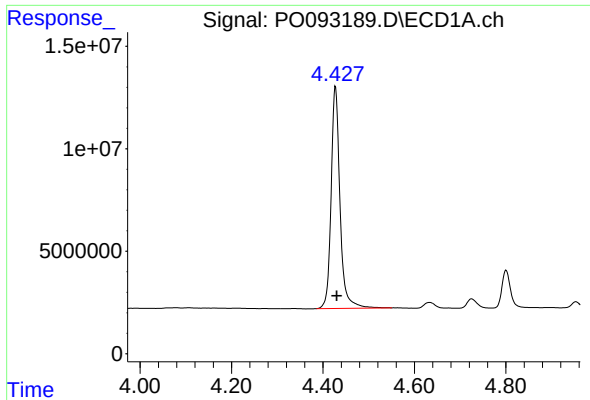
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031523\
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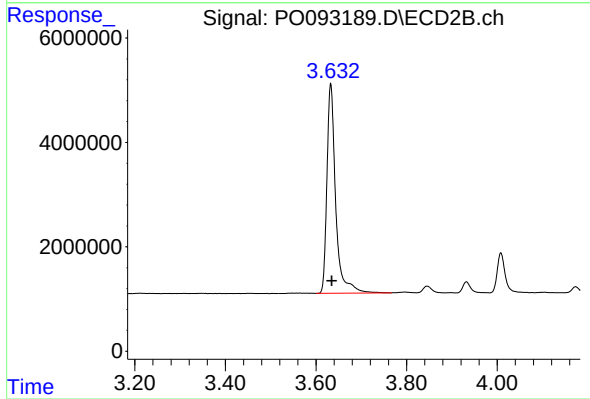




#1 Tetrachloro-m-xylene

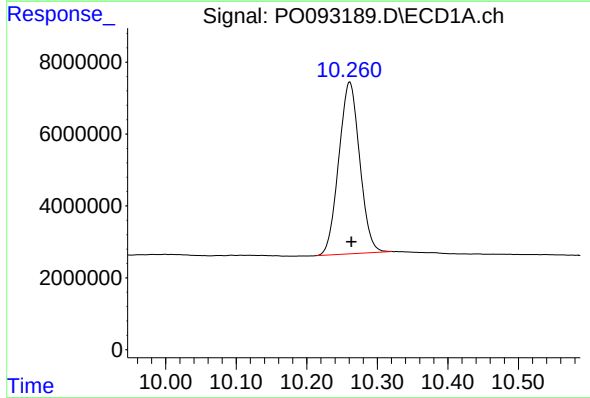
R.T.: 4.427 min
Delta R.T.: -0.003 min
Response: 145982942
Conc: 46.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



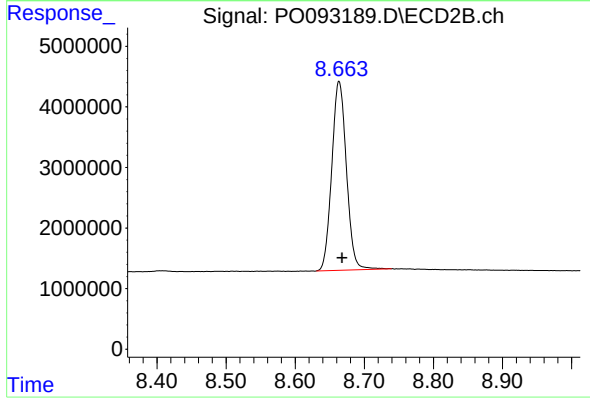
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: -0.002 min
Response: 53967408
Conc: 47.85 ng/ml



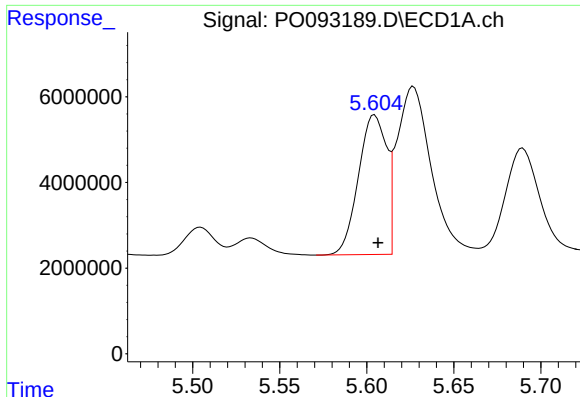
#2 Decachlorobiphenyl

R.T.: 10.261 min
Delta R.T.: -0.002 min
Response: 98468137
Conc: 45.50 ng/ml



#2 Decachlorobiphenyl

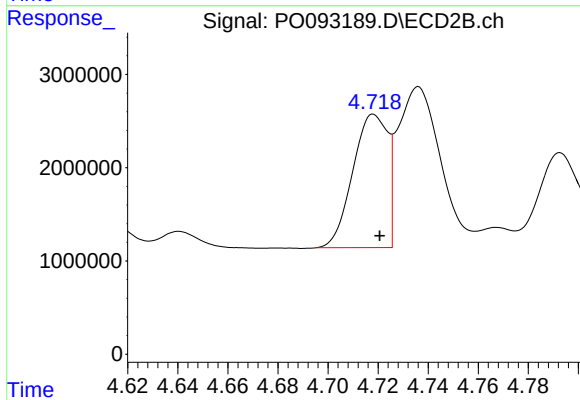
R.T.: 8.663 min
Delta R.T.: -0.005 min
Response: 45871268
Conc: 46.85 ng/ml



#3 AR-1016-1

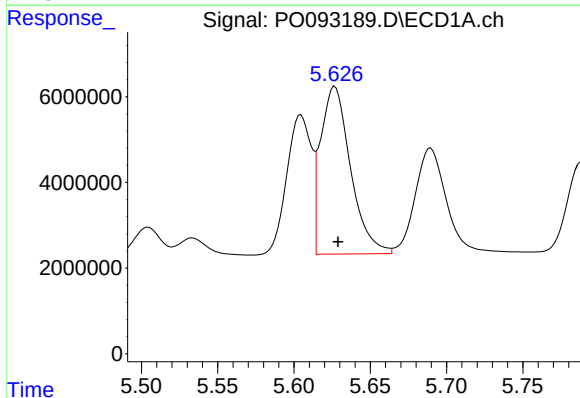
R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 36569325
Conc: 382.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



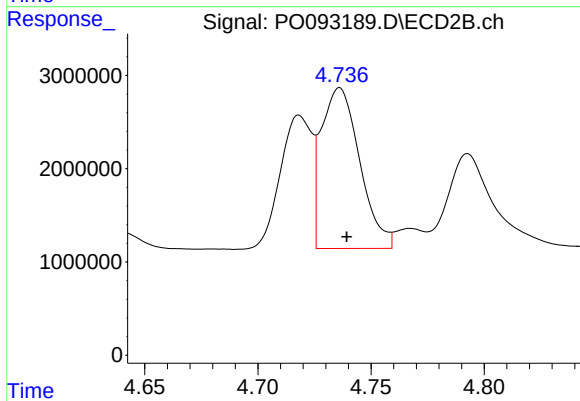
#3 AR-1016-1

R.T.: 4.718 min
Delta R.T.: -0.002 min
Response: 13819066
Conc: 386.05 ng/ml



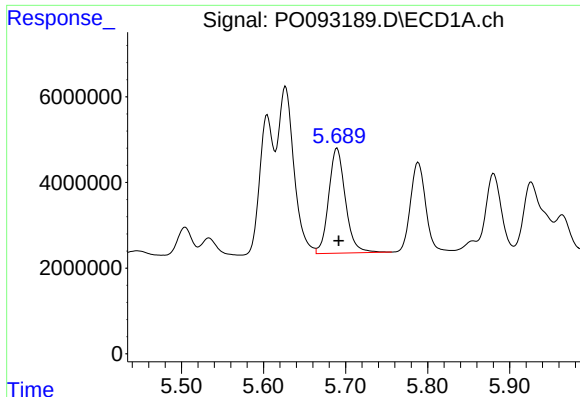
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 53522067
Conc: 374.83 ng/ml



#4 AR-1016-2

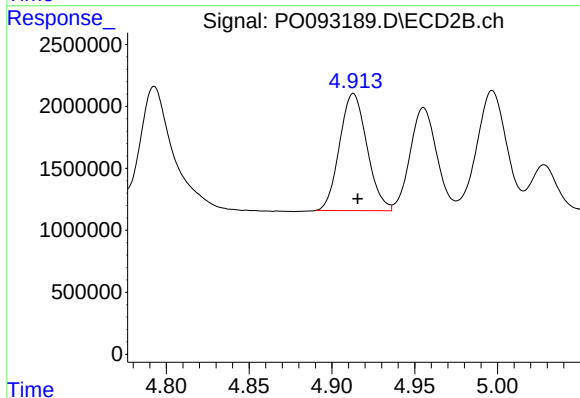
R.T.: 4.736 min
Delta R.T.: -0.003 min
Response: 20421142
Conc: 393.50 ng/ml



#5 AR-1016-3

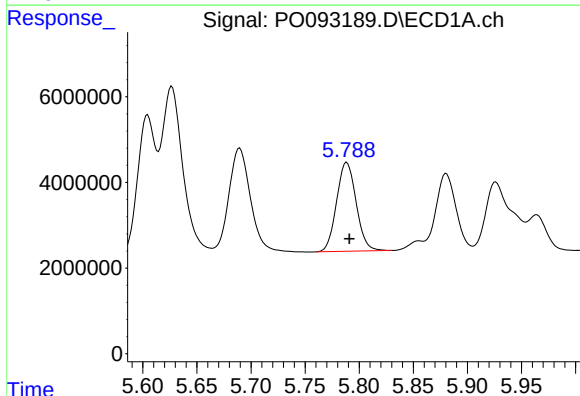
R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 34639472
Conc: 381.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



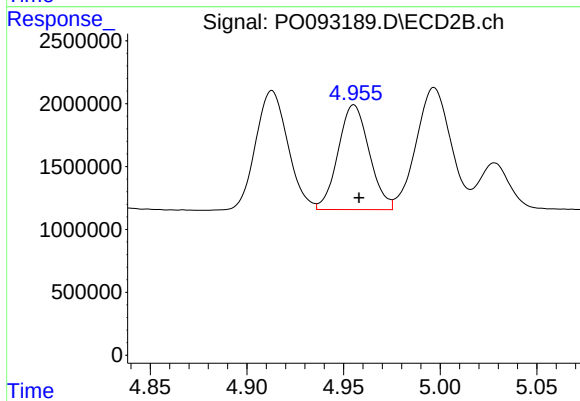
#5 AR-1016-3

R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 10890761
Conc: 393.66 ng/ml



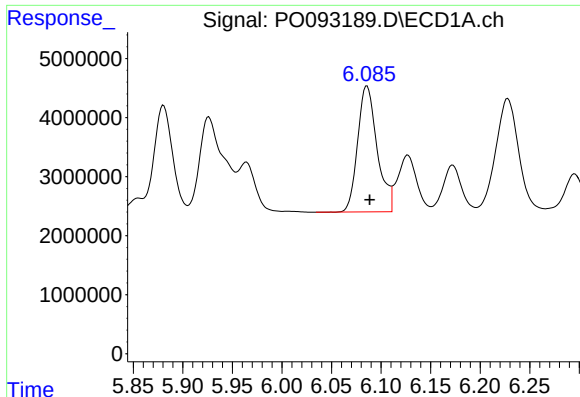
#6 AR-1016-4

R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 26207410
Conc: 386.82 ng/ml



#6 AR-1016-4

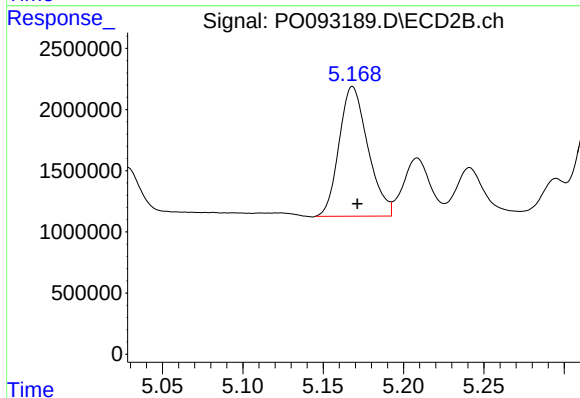
R.T.: 4.955 min
Delta R.T.: -0.003 min
Response: 9346667
Conc: 375.91 ng/ml



#7 AR-1016-5

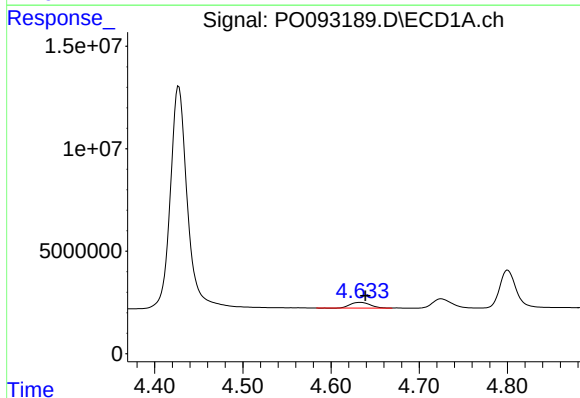
R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 29277520
Conc: 391.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



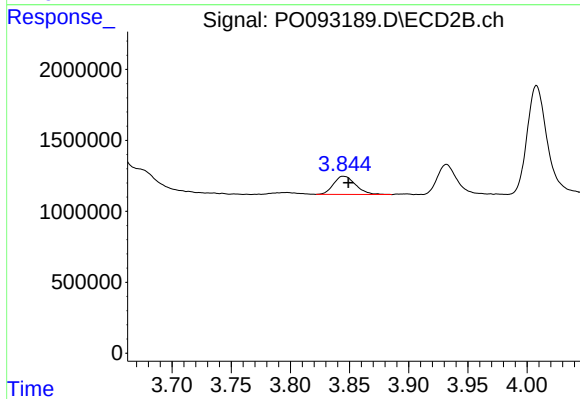
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 13252935
Conc: 418.75 ng/ml



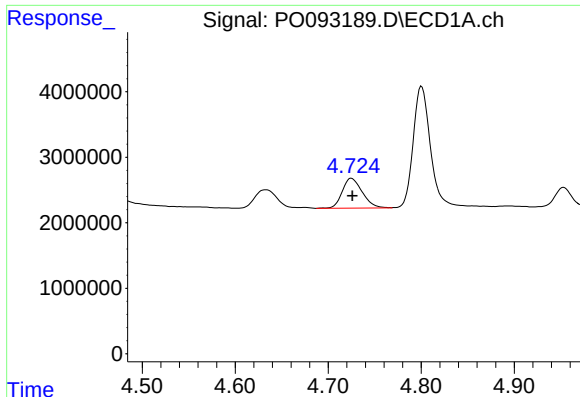
#8 AR-1221-1

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 4528449
Conc: 112.03 ng/ml



#8 AR-1221-1

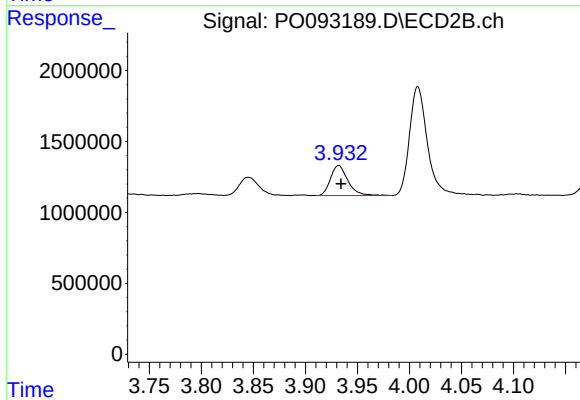
R.T.: 3.845 min
Delta R.T.: -0.004 min
Response: 1666761
Conc: 113.35 ng/ml



#9 AR-1221-2

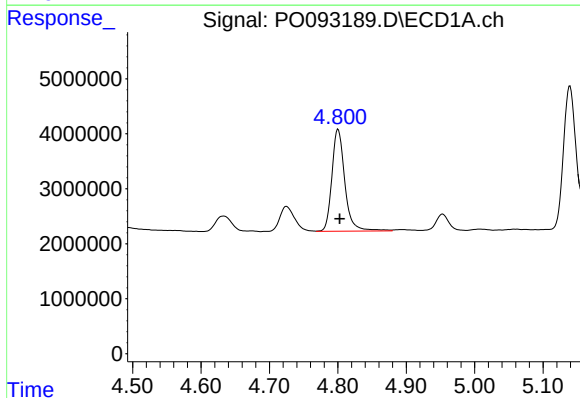
R.T.: 4.725 min
Delta R.T.: -0.001 min
Response: 6833606
Conc: 225.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



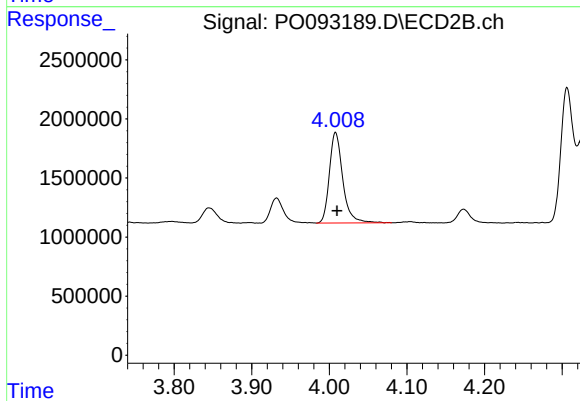
#9 AR-1221-2

R.T.: 3.932 min
Delta R.T.: -0.002 min
Response: 2465702
Conc: 225.78 ng/ml



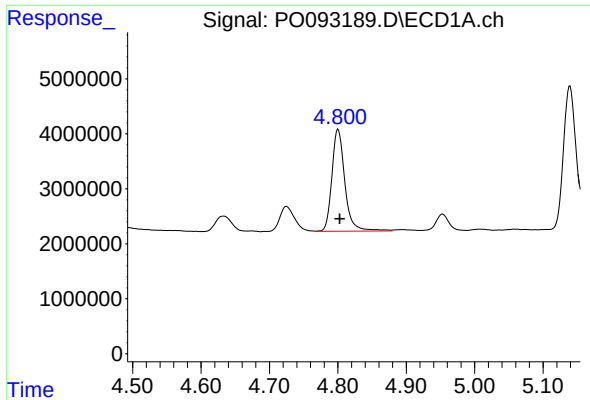
#10 AR-1221-3

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 24372848
Conc: 266.60 ng/ml



#10 AR-1221-3

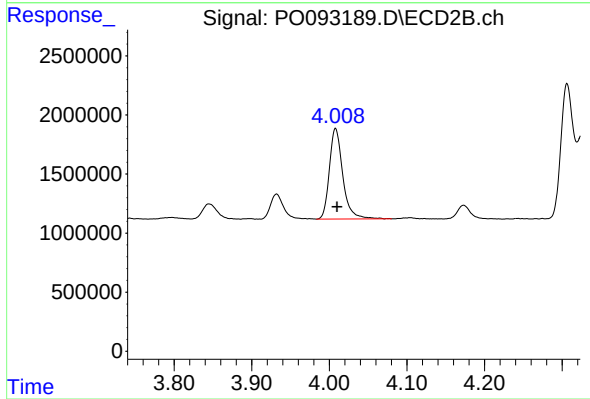
R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 9208078
Conc: 270.29 ng/ml



#11 AR-1232-1

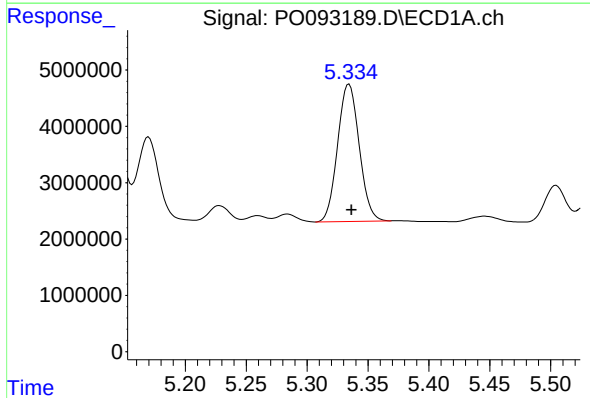
R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 24372848
Conc: 333.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



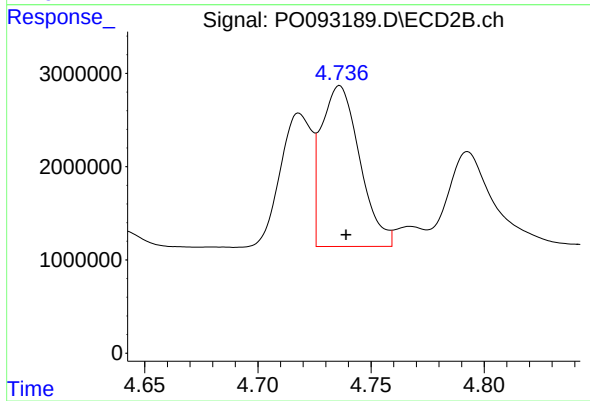
#11 AR-1232-1

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 9208078
Conc: 326.02 ng/ml



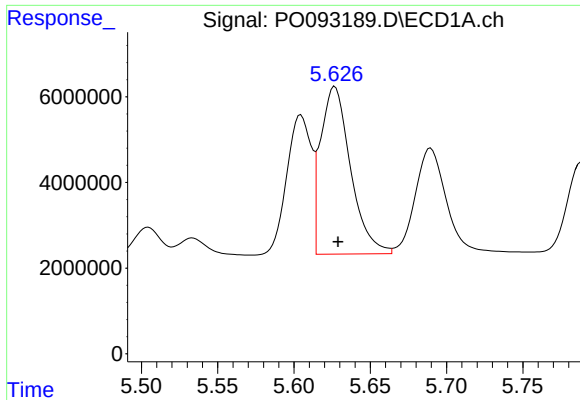
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: -0.002 min
Response: 30055046
Conc: 835.88 ng/ml



#12 AR-1232-2

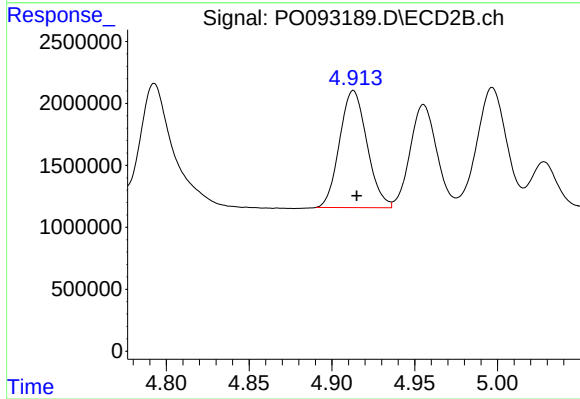
R.T.: 4.736 min
Delta R.T.: -0.003 min
Response: 20421142
Conc: 828.77 ng/ml



#13 AR-1232-3

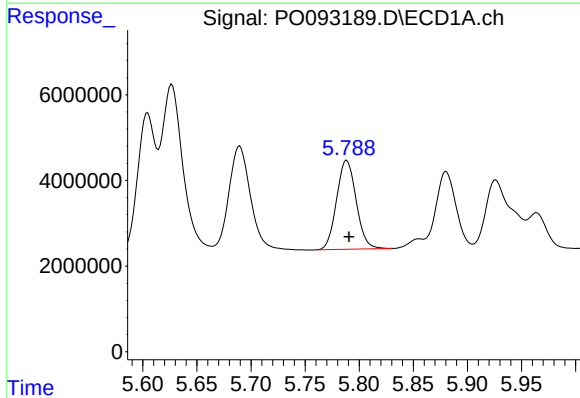
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 53522067
Conc: 817.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



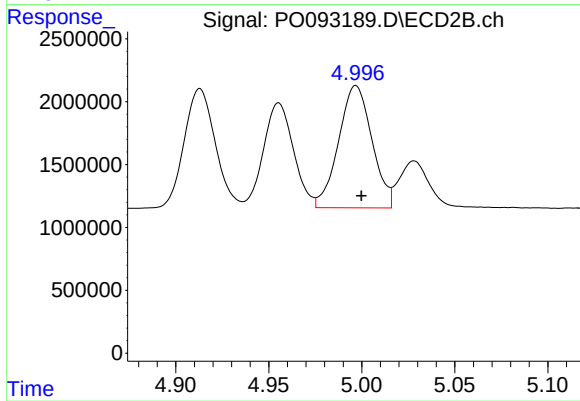
#13 AR-1232-3

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 10890761
Conc: 860.81 ng/ml



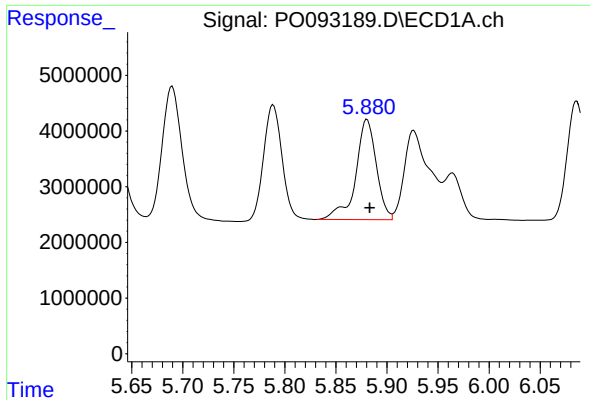
#14 AR-1232-4

R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 26207410
Conc: 855.98 ng/ml



#14 AR-1232-4

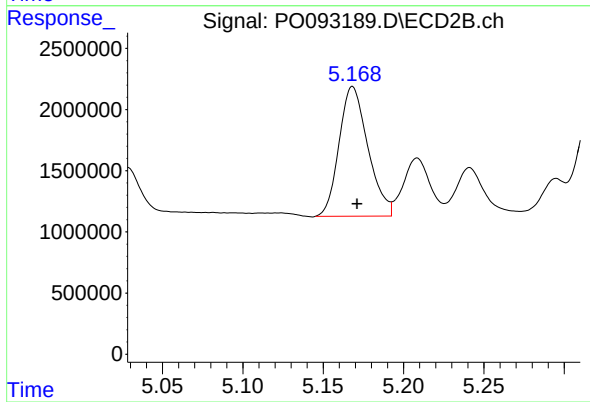
R.T.: 4.997 min
Delta R.T.: -0.003 min
Response: 12142136
Conc: 948.04 ng/ml



#15 AR-1232-5

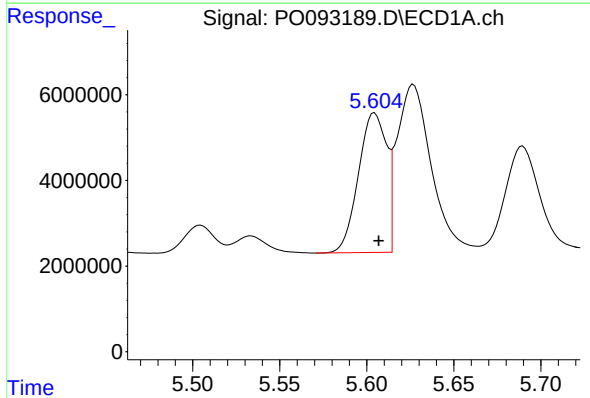
R.T.: 5.880 min
Delta R.T.: -0.003 min
Response: 25343569
Conc: 913.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



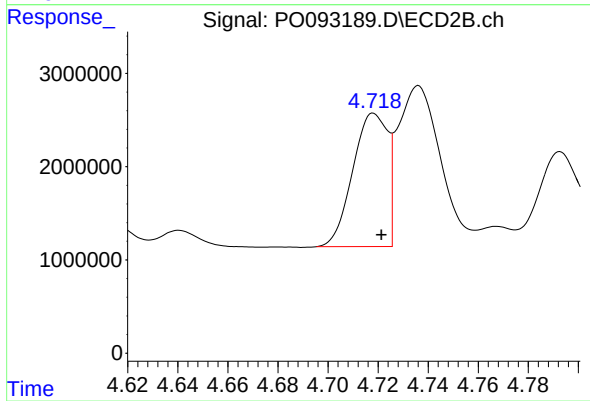
#15 AR-1232-5

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 13252935
Conc: 945.01 ng/ml



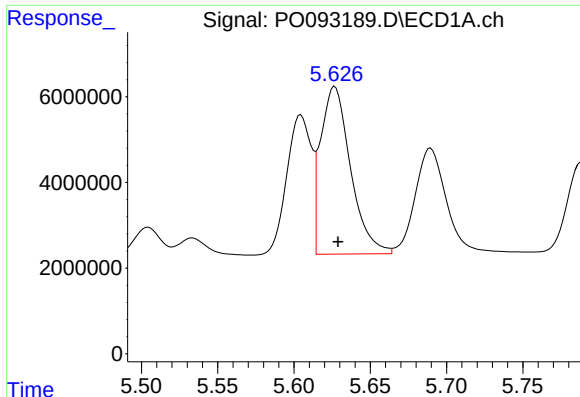
#16 AR-1242-1

R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 36569325
Conc: 446.17 ng/ml



#16 AR-1242-1

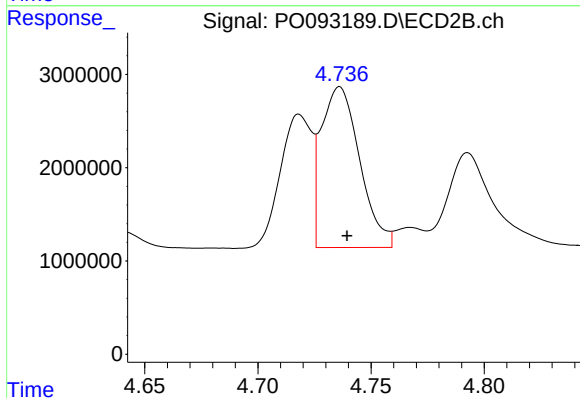
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 13819066
Conc: 454.77 ng/ml



#17 AR-1242-2

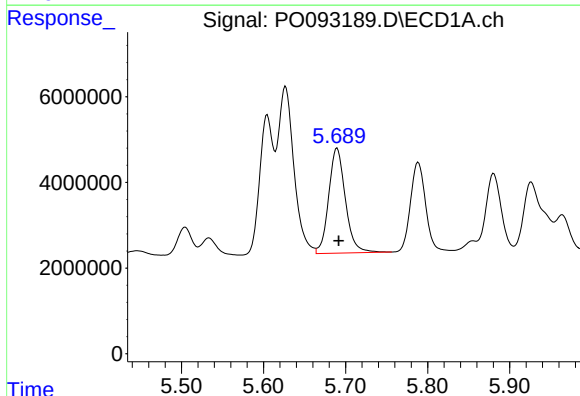
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 53522067
Conc: 445.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



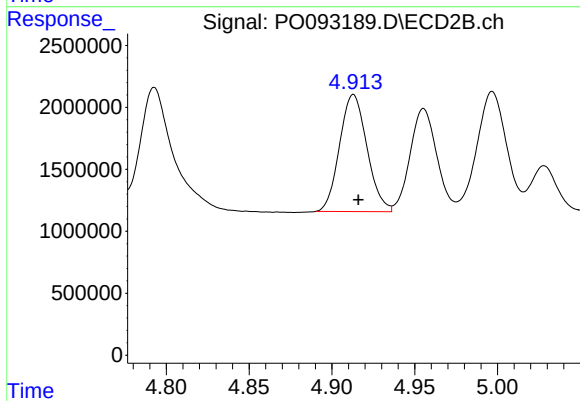
#17 AR-1242-2

R.T.: 4.736 min
Delta R.T.: -0.003 min
Response: 20421142
Conc: 459.96 ng/ml



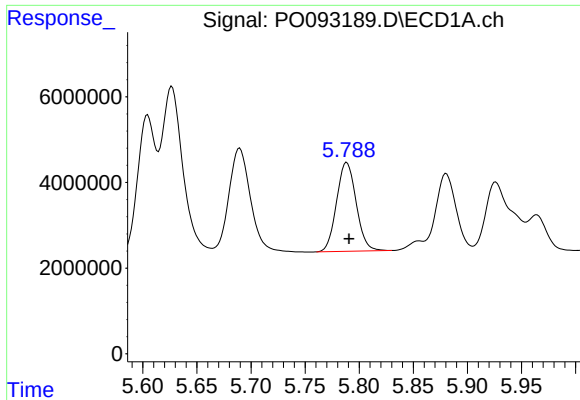
#18 AR-1242-3

R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 34639472
Conc: 451.34 ng/ml



#18 AR-1242-3

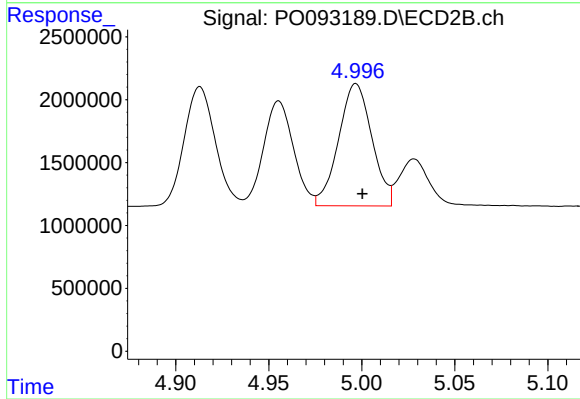
R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 10890761
Conc: 465.82 ng/ml



#19 AR-1242-4

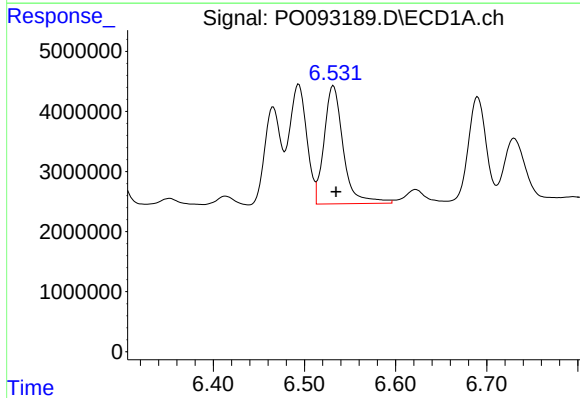
R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 26207410
Conc: 457.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



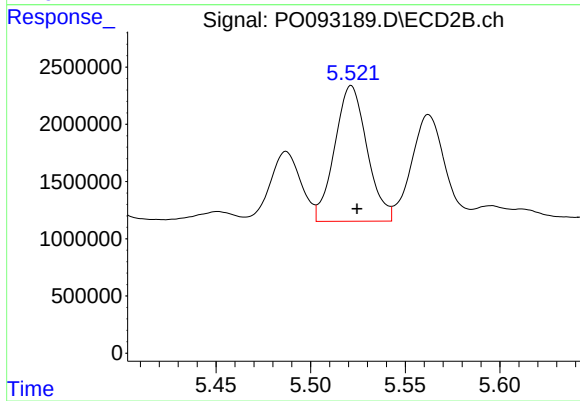
#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.003 min
Response: 12142136
Conc: 466.11 ng/ml



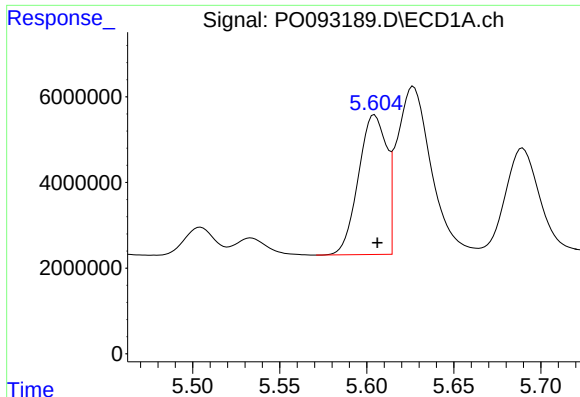
#20 AR-1242-5

R.T.: 6.532 min
Delta R.T.: -0.003 min
Response: 28766352
Conc: 460.34 ng/ml



#20 AR-1242-5

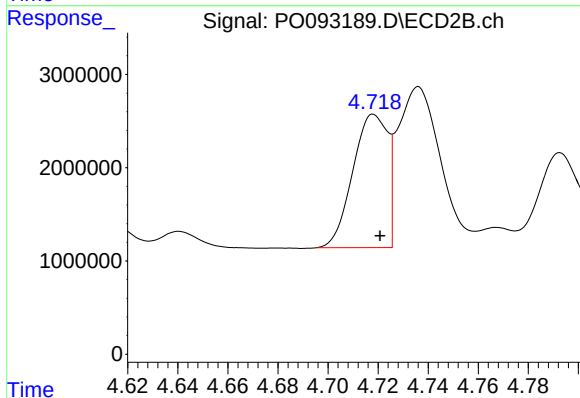
R.T.: 5.521 min
Delta R.T.: -0.003 min
Response: 14116116
Conc: 494.14 ng/ml



#21 AR-1248-1

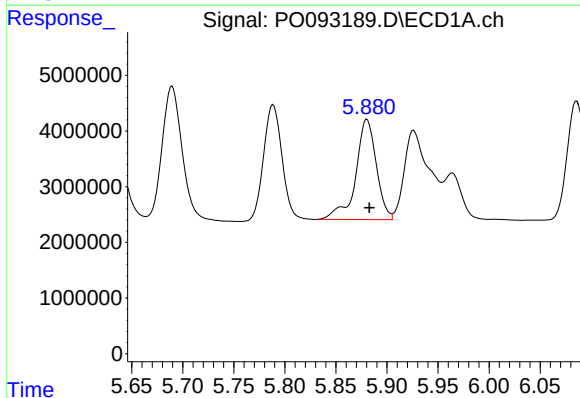
R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 36569325
Conc: 588.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



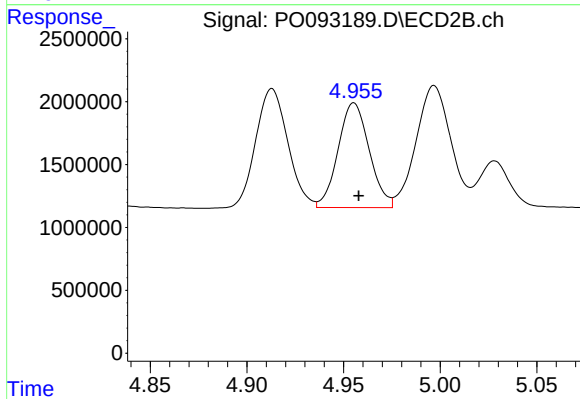
#21 AR-1248-1

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 13819066
Conc: 593.81 ng/ml



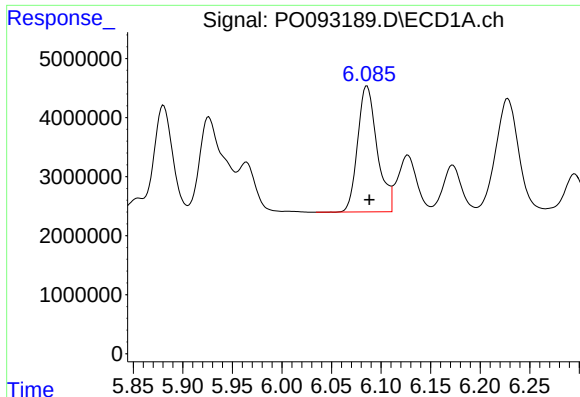
#22 AR-1248-2

R.T.: 5.880 min
Delta R.T.: -0.003 min
Response: 25343569
Conc: 265.35 ng/ml



#22 AR-1248-2

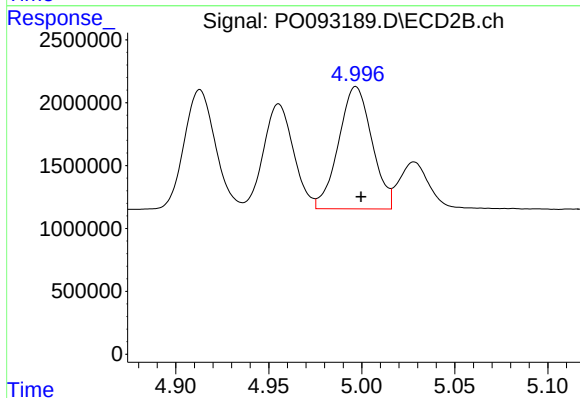
R.T.: 4.955 min
Delta R.T.: -0.003 min
Response: 9346667
Conc: 257.91 ng/ml



#23 AR-1248-3

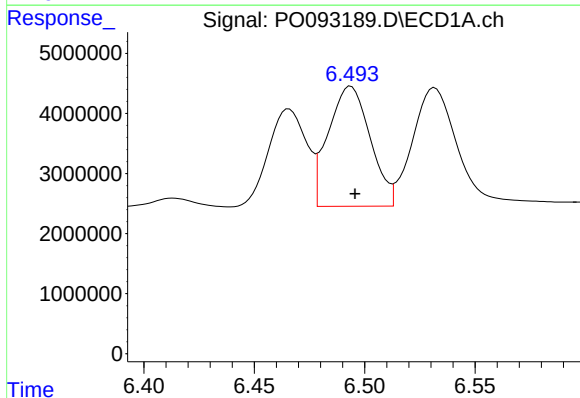
R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 29277520
Conc: 281.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



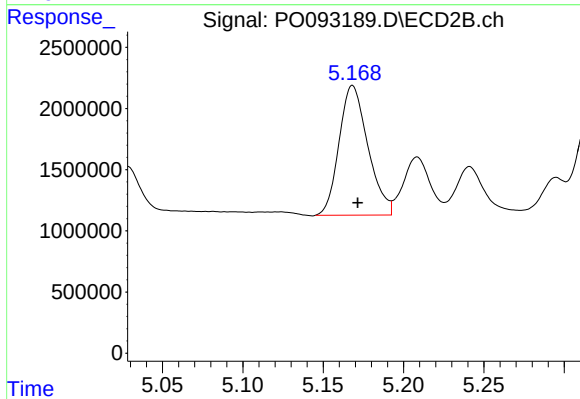
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: -0.003 min
Response: 12142136
Conc: 323.56 ng/ml



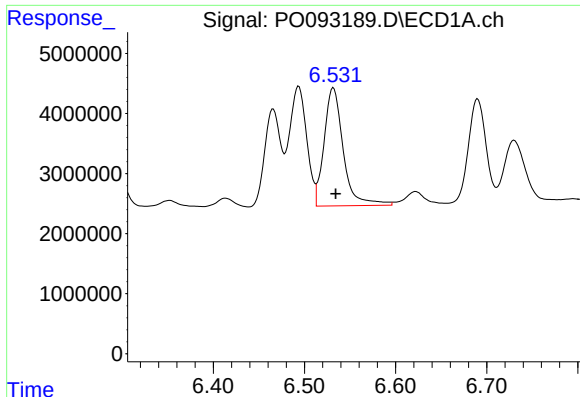
#24 AR-1248-4

R.T.: 6.494 min
Delta R.T.: -0.002 min
Response: 26398301
Conc: 259.24 ng/ml



#24 AR-1248-4

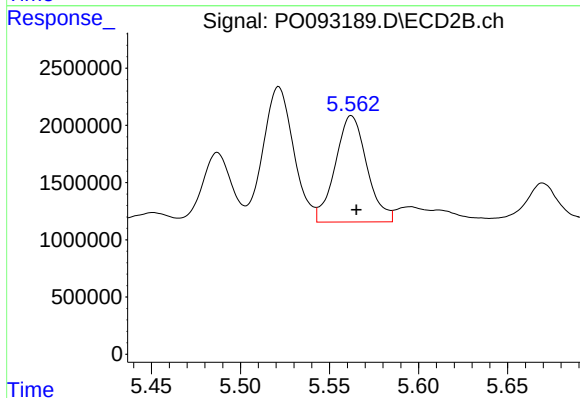
R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 13252935
Conc: 308.05 ng/ml



#25 AR-1248-5

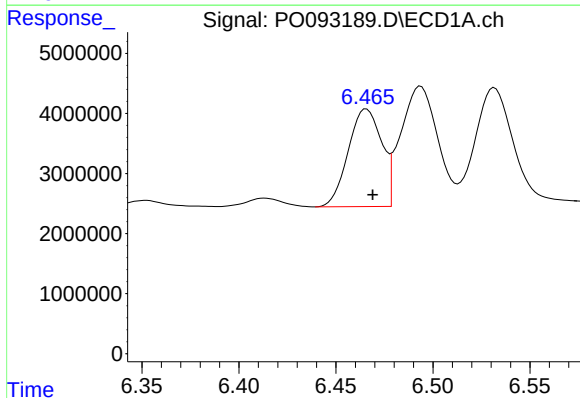
R.T.: 6.532 min
Delta R.T.: -0.003 min
Response: 28766352
Conc: 281.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



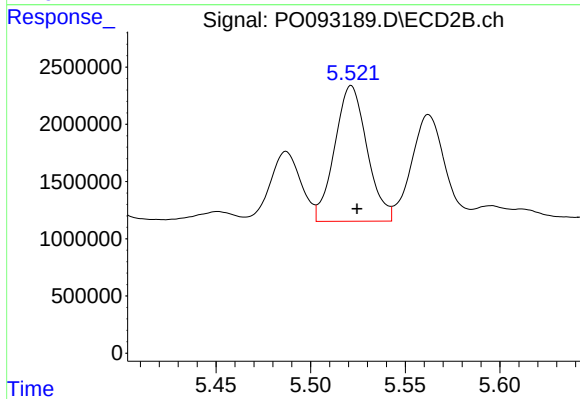
#25 AR-1248-5

R.T.: 5.562 min
Delta R.T.: -0.003 min
Response: 11491699
Conc: 312.47 ng/ml



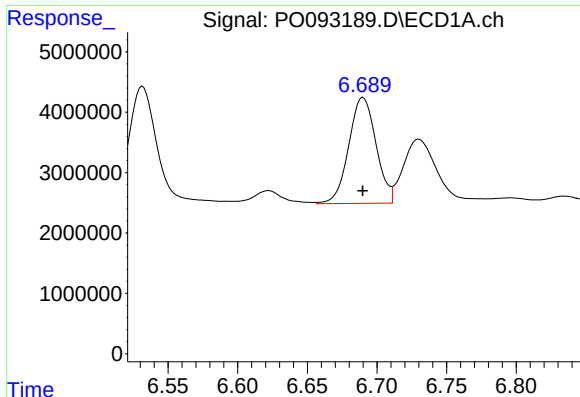
#26 AR-1254-1

R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 19520329
Conc: 167.04 ng/ml



#26 AR-1254-1

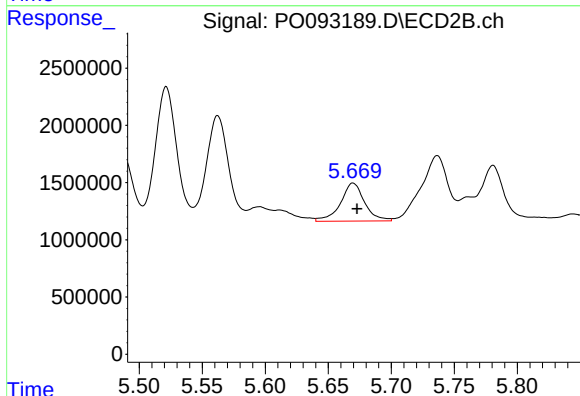
R.T.: 5.521 min
Delta R.T.: -0.003 min
Response: 14116116
Conc: 224.91 ng/ml



#27 AR-1254-2

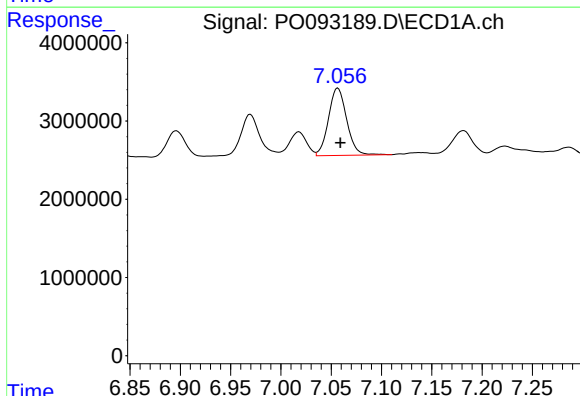
R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 23926279
Conc: 140.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



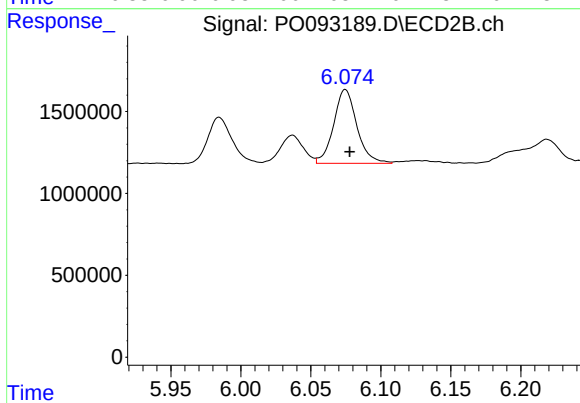
#27 AR-1254-2

R.T.: 5.670 min
Delta R.T.: -0.003 min
Response: 4414619
Conc: 78.34 ng/ml



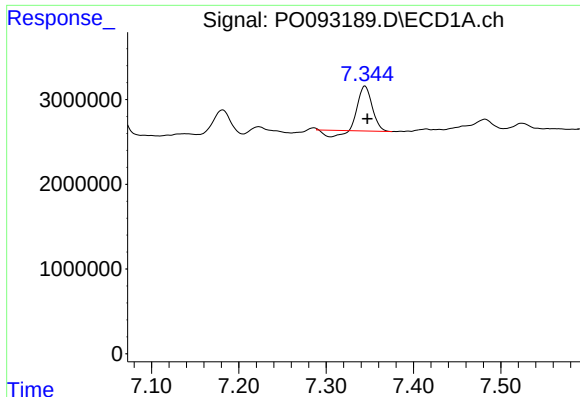
#28 AR-1254-3

R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 10834852
Conc: 65.18 ng/ml



#28 AR-1254-3

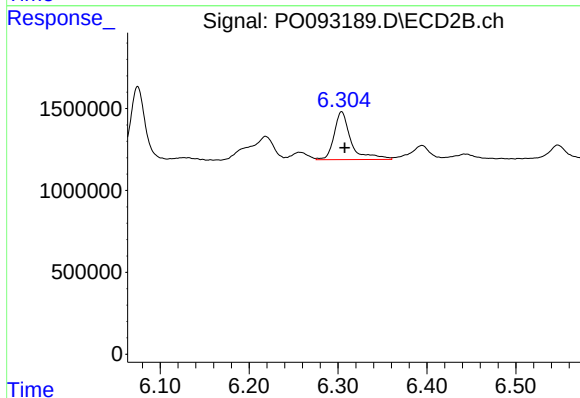
R.T.: 6.075 min
Delta R.T.: -0.003 min
Response: 5218571
Conc: 60.61 ng/ml



#29 AR-1254-4

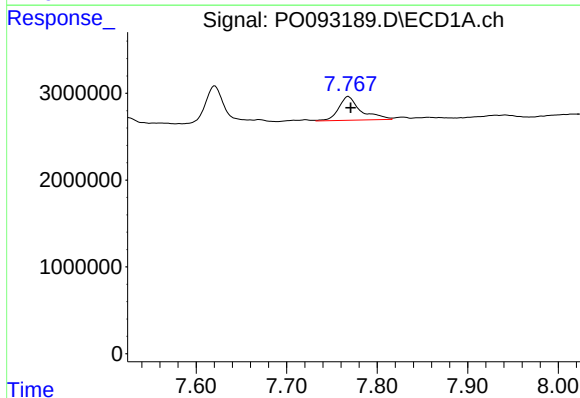
R.T.: 7.345 min
Delta R.T.: -0.003 min
Response: 5287506
Conc: 49.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



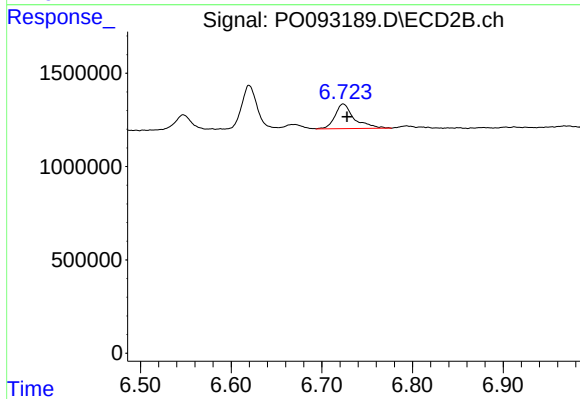
#29 AR-1254-4

R.T.: 6.304 min
Delta R.T.: -0.003 min
Response: 3887828
Conc: 85.02 ng/ml



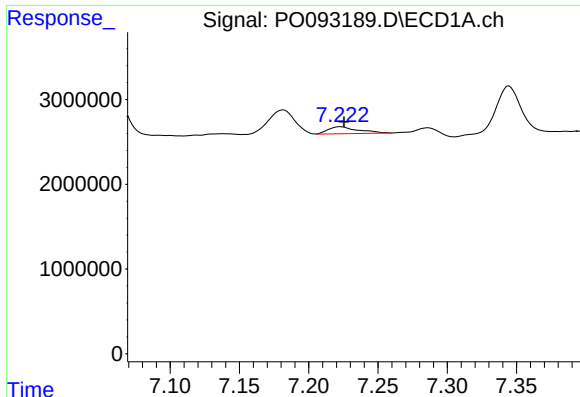
#30 AR-1254-5

R.T.: 7.768 min
Delta R.T.: -0.003 min
Response: 4654835
Conc: 34.38 ng/ml



#30 AR-1254-5

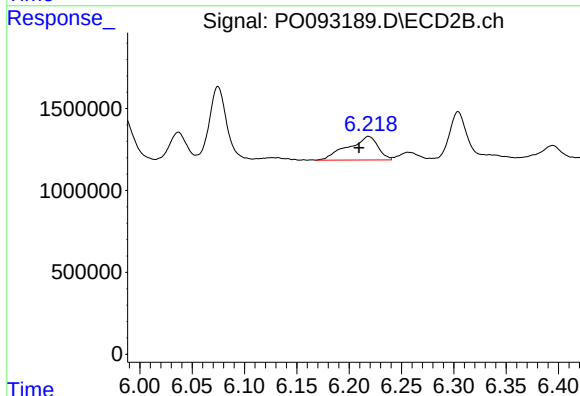
R.T.: 6.724 min
Delta R.T.: -0.004 min
Response: 1951532
Conc: 26.42 ng/ml



#31 AR-1260-1

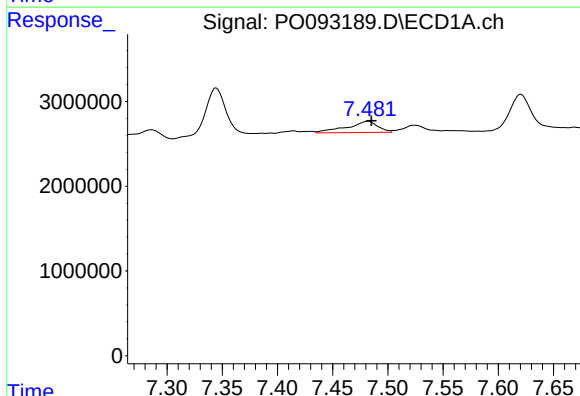
R.T.: 7.223 min
Delta R.T.: -0.002 min
Response: 1216046
Conc: 9.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



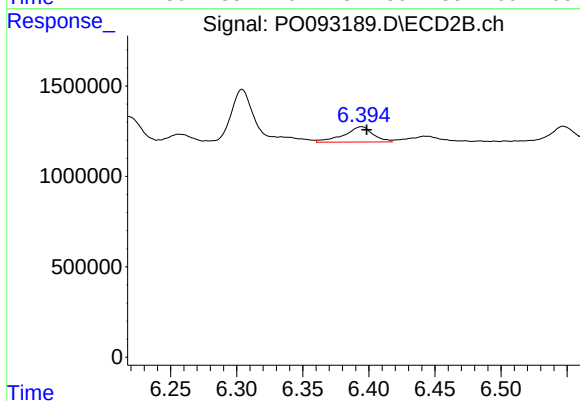
#31 AR-1260-1

R.T.: 6.219 min
Delta R.T.: 0.009 min
Response: 2872291
Conc: 47.24 ng/ml



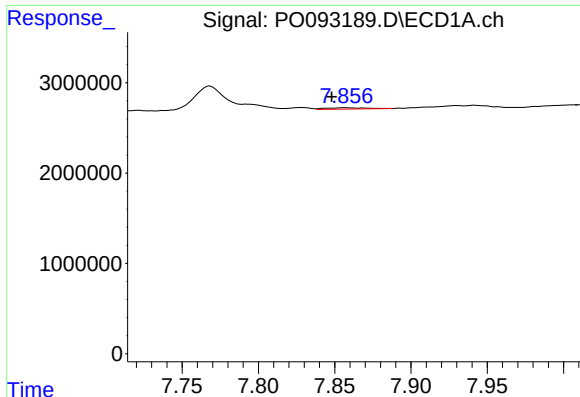
#32 AR-1260-2

R.T.: 7.482 min
Delta R.T.: -0.003 min
Response: 2588858
Conc: 17.54 ng/ml



#32 AR-1260-2

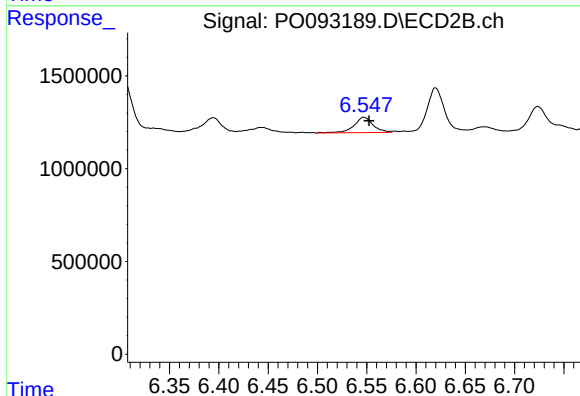
R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 1294862
Conc: 17.91 ng/ml



#33 AR-1260-3

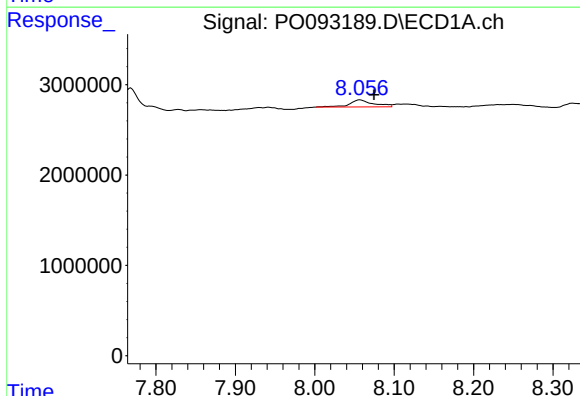
R.T.: 7.857 min
Delta R.T.: 0.009 min
Response: 279680
Conc: 2.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



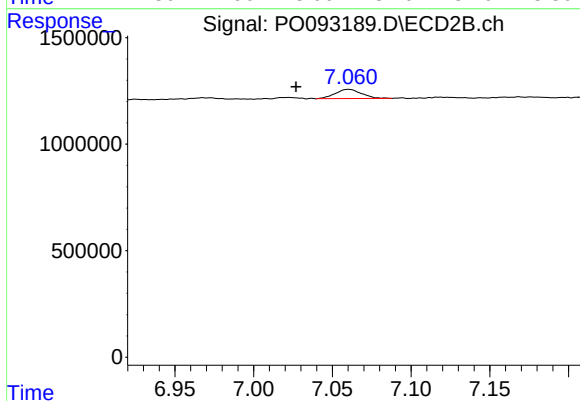
#33 AR-1260-3

R.T.: 6.547 min
Delta R.T.: -0.005 min
Response: 1109460
Conc: 16.59 ng/ml



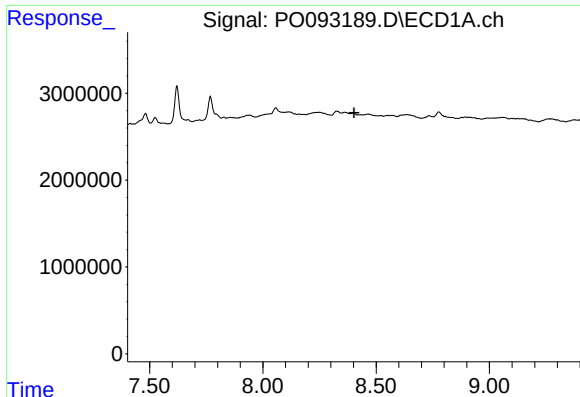
#34 AR-1260-4

R.T.: 8.057 min
Delta R.T.: -0.018 min
Response: 1656991
Conc: 12.92 ng/ml



#34 AR-1260-4

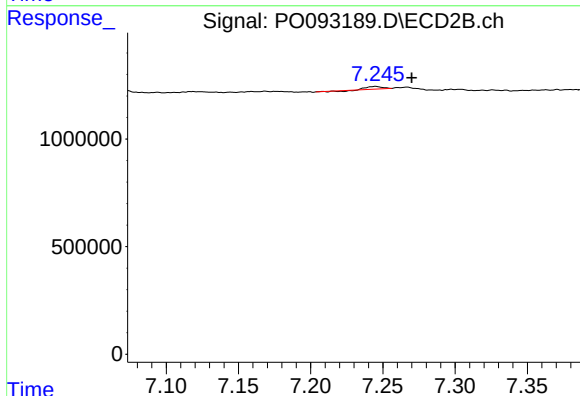
R.T.: 7.060 min
Delta R.T.: 0.033 min
Response: 499174
Conc: 9.07 ng/ml



#35 AR-1260-5

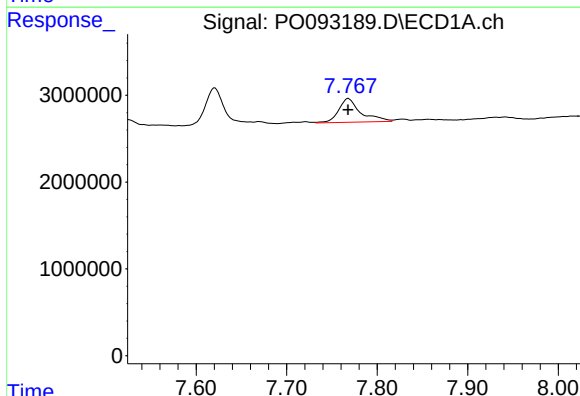
R.T.: 0.000 min
Exp R.T.: 8.402 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



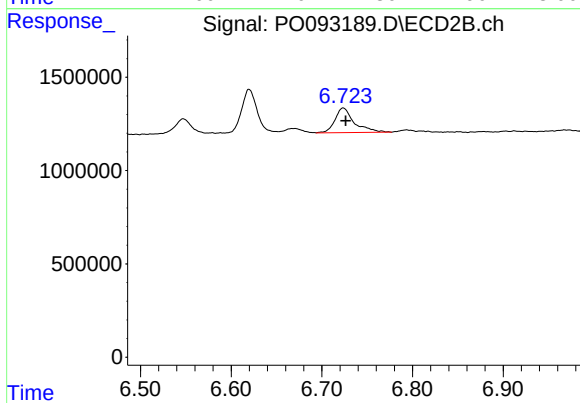
#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.025 min
Response: 72165
Conc: 0.61 ng/ml



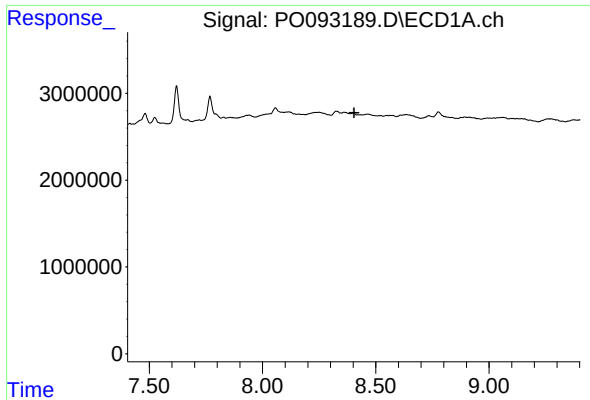
#36 AR-1262-1

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 4654835
Conc: 46.83 ng/ml



#36 AR-1262-1

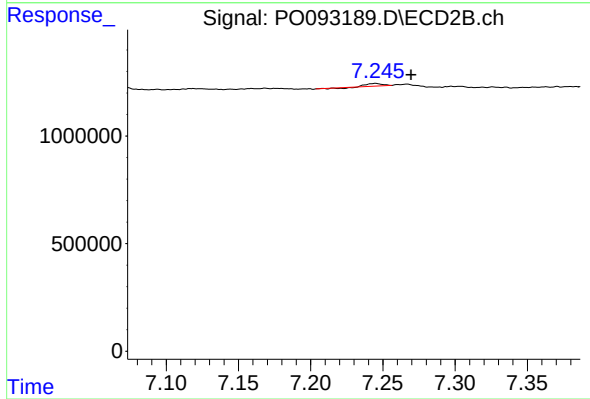
R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 1951532
Conc: 52.22 ng/ml



#37 AR-1262-2

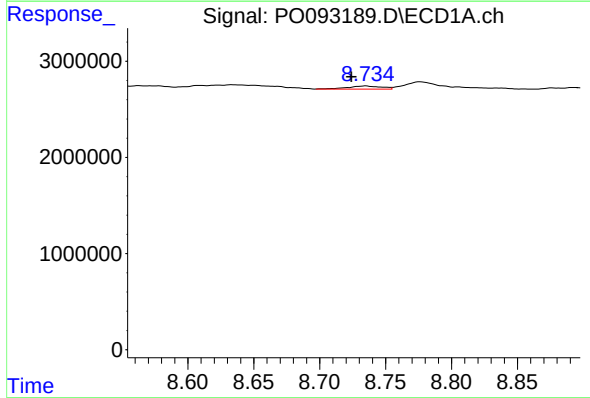
R.T.: 0.000 min
Exp R.T.: 8.404 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



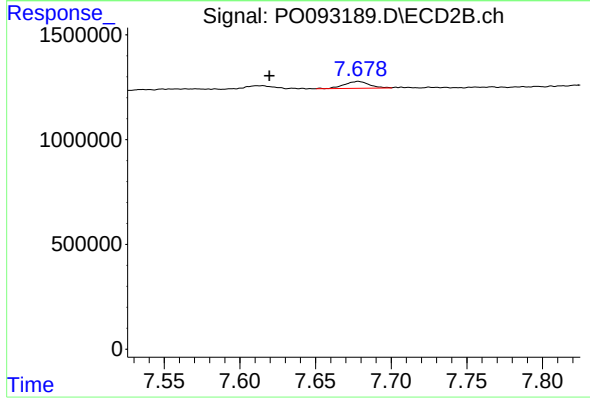
#37 AR-1262-2

R.T.: 7.245 min
Delta R.T.: -0.025 min
Response: 72165
Conc: 0.61 ng/ml



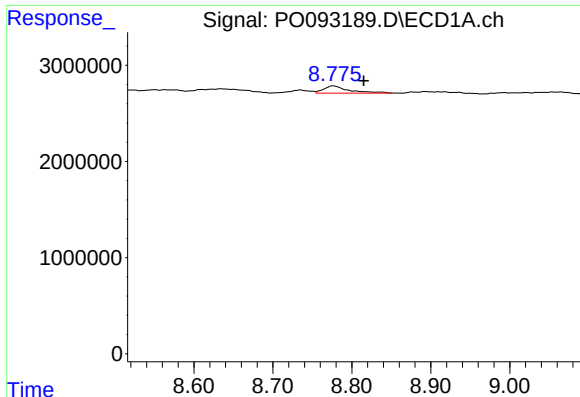
#38 AR-1262-3

R.T.: 8.735 min
Delta R.T.: 0.011 min
Response: 563183
Conc: 3.33 ng/ml



#38 AR-1262-3

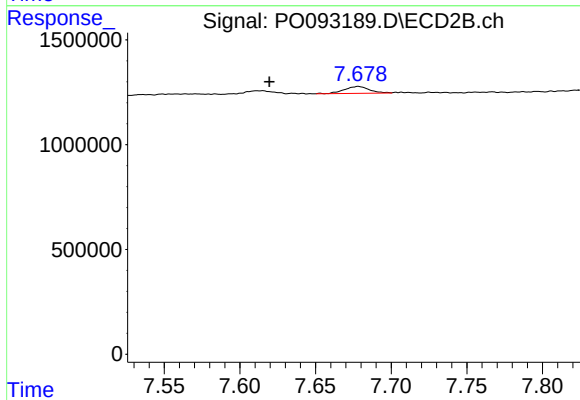
R.T.: 7.678 min
Delta R.T.: 0.059 min
Response: 385054
Conc: 4.26 ng/ml



#39 AR-1262-4

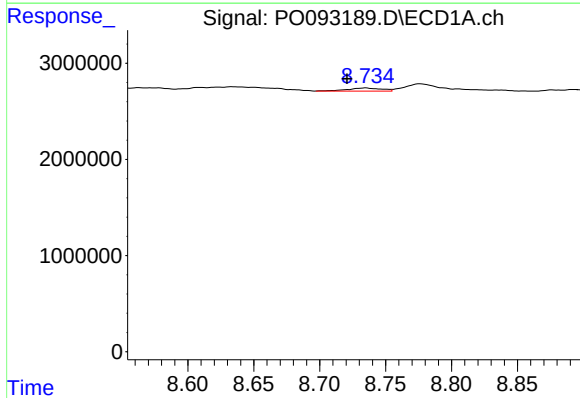
R.T.: 8.776 min
Delta R.T.: -0.039 min
Response: 1650231
Conc: 18.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



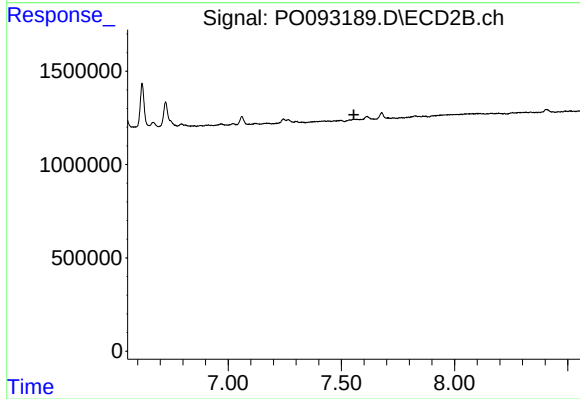
#39 AR-1262-4

R.T.: 7.678 min
Delta R.T.: 0.059 min
Response: 385054
Conc: 4.26 ng/ml



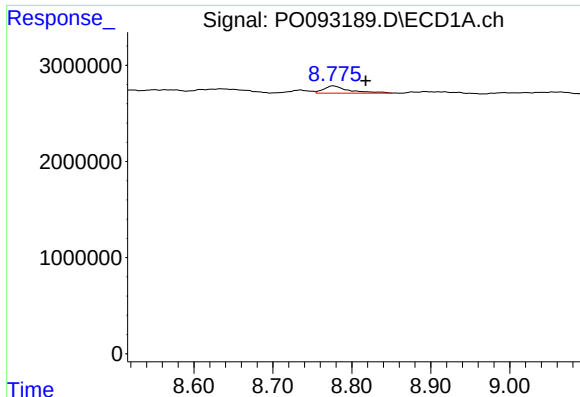
#41 AR-1268-1

R.T.: 8.735 min
Delta R.T.: 0.014 min
Response: 563183
Conc: 1.76 ng/ml



#41 AR-1268-1

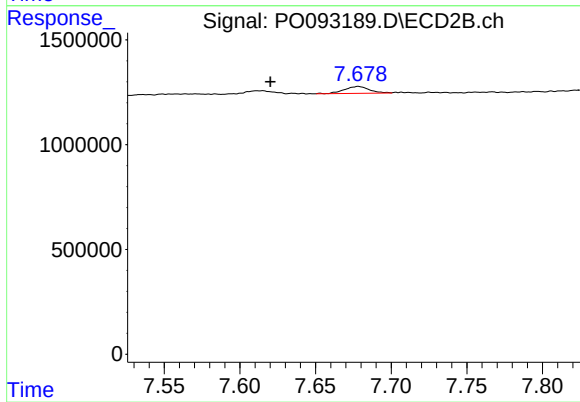
R.T.: 0.000 min
Exp R.T. : 7.555 min
Response: 0
Conc: N.D.



#42 AR-1268-2

R.T.: 8.776 min
Delta R.T.: -0.042 min
Response: 1650231
Conc: 5.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



#42 AR-1268-2

R.T.: 7.678 min
Delta R.T.: 0.058 min
Response: 385054
Conc: 2.76 ng/ml