

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0050523\
 Data File : P0094785.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2023 19:06
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 21:31:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 01 11:12:50 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...	4.414	3.616	163.9E6	64324624	47.568	48.073
2)	SA Decachlor...	10.250	8.625	122.8E6	55463593	50.607	49.276
Target Compounds							
3)	L1 AR-1016-1	5.591	4.697	1592133	516873	15.629	13.032
4)	L1 AR-1016-2	5.619	4.714	2154858	387679	14.242	6.558 #
5)	L1 AR-1016-3	5.677	4.891	1074650	349523	10.839	11.134
6)	L1 AR-1016-4	5.775	4.932	809870	15717775	10.881	543.560 #
7)	L1 AR-1016-5	6.074	5.145	20998426	9288832	251.681	253.804
8)	L2 AR-1221-1	4.613	0.000	270165	0	6.091	N.D. #
9)	L2 AR-1221-2	4.721	3.914	2104885	809542	64.693	63.599
10)	L2 AR-1221-3	4.789	0.000	562456	0	5.626	N.D. #
11)	L3 AR-1232-1	4.789	0.000	562456	0	6.650	N.D. #
12)	L3 AR-1232-2	5.321	4.714	964632	387679	22.496	13.320 #
13)	L3 AR-1232-3	5.619	4.891	2154858	349523	29.664	23.557
14)	L3 AR-1232-4	5.775	4.972	809870	4873322	23.063	313.523 #
15)	L3 AR-1232-5	5.868	5.145	36638449	9288832	1111.214	544.946 #
16)	L4 AR-1242-1	5.591	4.697	1592133	516873	19.059	15.607
17)	L4 AR-1242-2	5.619	4.714	2154858	387679	17.141	7.865 #
18)	L4 AR-1242-3	5.677	4.891	1074650	349523	13.197	13.433
19)	L4 AR-1242-4	5.775	4.972	809870	4873322	13.187	164.633 #
20)	L4 AR-1242-5	6.524	5.497	19408945	34382420	301.600	1088.222 #
21)	L5 AR-1248-1	5.591	4.697	1592133	516873	25.476	20.266
22)	L5 AR-1248-2	5.868	4.932	36638449	15717775	350.160	379.521
23)	L5 AR-1248-3	6.074	4.972	20998426	4873322	189.646	113.590 #
24)	L5 AR-1248-4	6.481	5.145	25131742	9288832	244.091	189.508
25)	L5 AR-1248-5	6.524	5.537	19408945	3964062	178.458	99.635 #
26)	L6 AR-1254-1	6.454	5.497	59153480	34382420	466.885	474.300
27)	L6 AR-1254-2	6.676	5.645	87899450	30761146	459.883	471.442
28)	L6 AR-1254-3	7.046	6.048	86319120	46402832	457.645	467.300
29)	L6 AR-1254-4	7.335	6.278	49579135	23580176	437.748	477.727
30)	L6 AR-1254-5	7.759	6.696	65083657	39869364	464.727	473.894
31)	L7 AR-1260-1	7.213	6.179	35729094	23980232	240.974	340.627 #
32)	L7 AR-1260-2	7.473	6.368	37200984	19560264	229.403	244.676
33)	L7 AR-1260-3	7.820	6.519	11708827	18850778	89.563	250.666 #
34)	L7 AR-1260-4	8.051	6.994	24866703	2103809	177.832	33.608 #
35)	L7 AR-1260-5	8.392	7.237	9569880	4959111	39.116	39.346
36)	L8 AR-1262-1	7.820	6.786	11708827	1683363	69.714	44.915 #
37)	L8 AR-1262-2	8.392	6.994	9569880	2103809	38.064	28.199 #
38)	L8 AR-1262-3	8.724	7.583f	7011913	4656907	38.825	80.058 #
39)	L8 AR-1262-4	8.827	7.583	103835	4656907	1.118	45.979 #
40)	L8 AR-1262-5	9.476	0.000	299677	0	3.499	N.D. #
41)	L9 AR-1268-1	8.724	7.583f	7011913	4656907	20.732	27.564 #

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 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

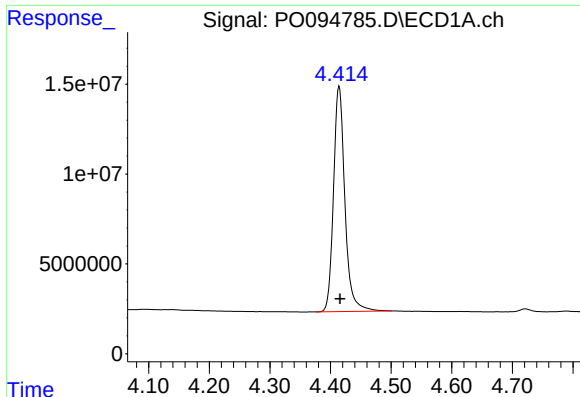
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 21:31:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.M
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 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.827	7.583	103835	4656907	0.342	30.390 #
43) L9	AR-1268-3	9.034	0.000	146354	0	0.542	N.D. #
44) L9	AR-1268-4	9.476	0.000	299677	0	3.192	N.D. #
45) L9	AR-1268-5	9.899	0.000	537685	0	0.639	N.D. #

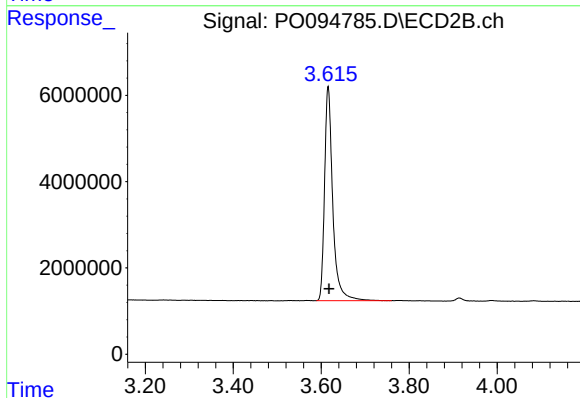
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

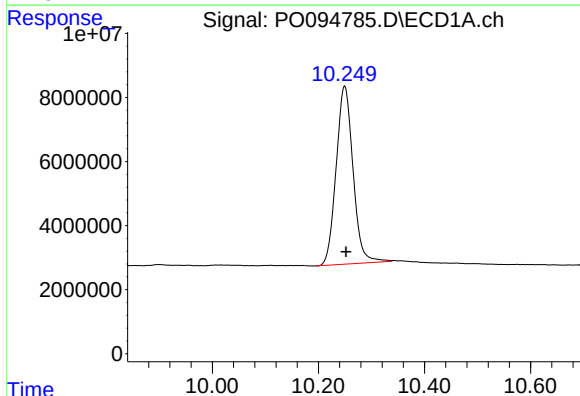
R.T.: 4.414 min
Delta R.T.: -0.002 min
Response: 163854351
Conc: 47.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



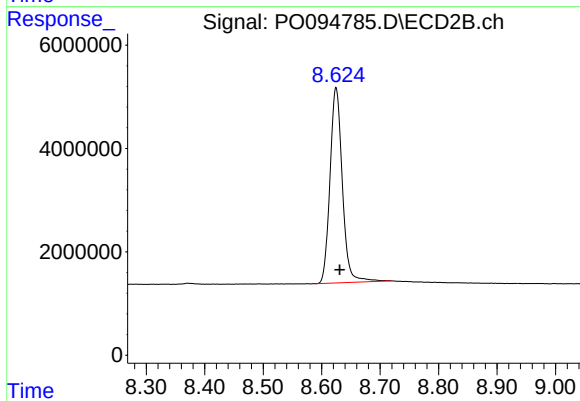
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.002 min
Response: 64324624
Conc: 48.07 ng/ml



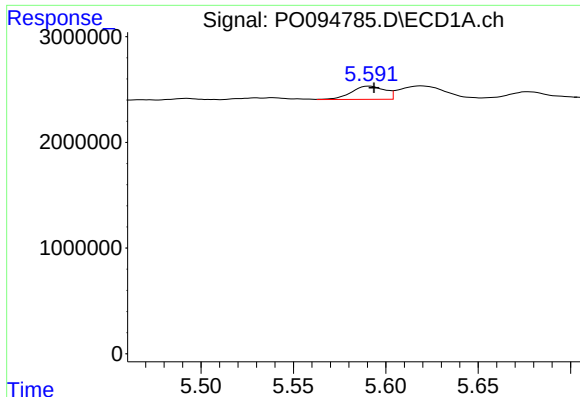
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.002 min
Response: 122815614
Conc: 50.61 ng/ml



#2 Decachlorobiphenyl

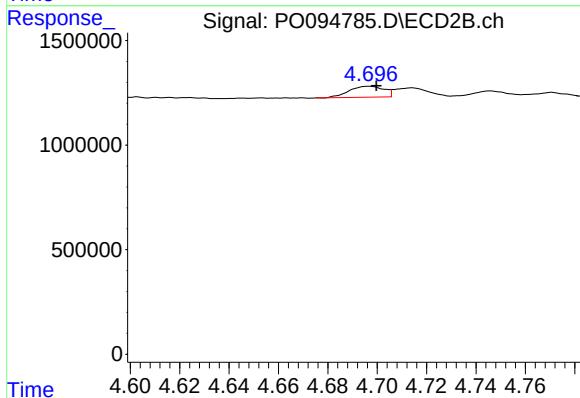
R.T.: 8.625 min
Delta R.T.: -0.006 min
Response: 55463593
Conc: 49.28 ng/ml



#3 AR-1016-1

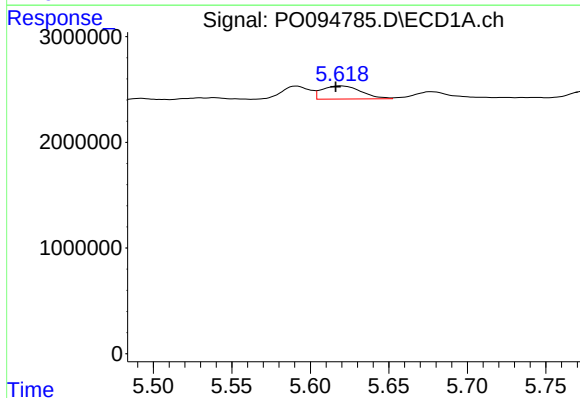
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 1592133
Conc: 15.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



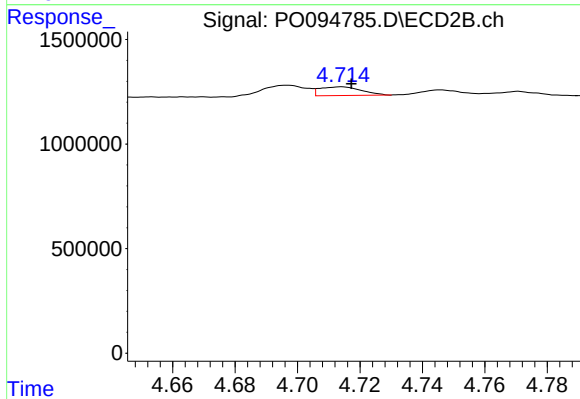
#3 AR-1016-1

R.T.: 4.697 min
Delta R.T.: -0.003 min
Response: 516873
Conc: 13.03 ng/ml



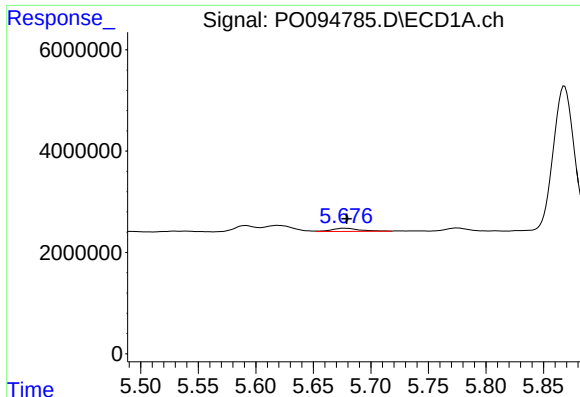
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.003 min
Response: 2154858
Conc: 14.24 ng/ml



#4 AR-1016-2

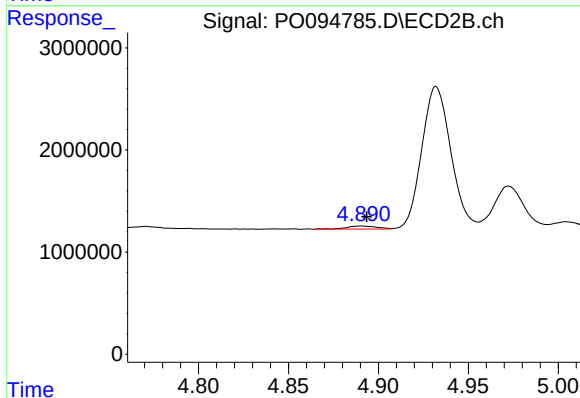
R.T.: 4.714 min
Delta R.T.: -0.003 min
Response: 387679
Conc: 6.56 ng/ml



#5 AR-1016-3

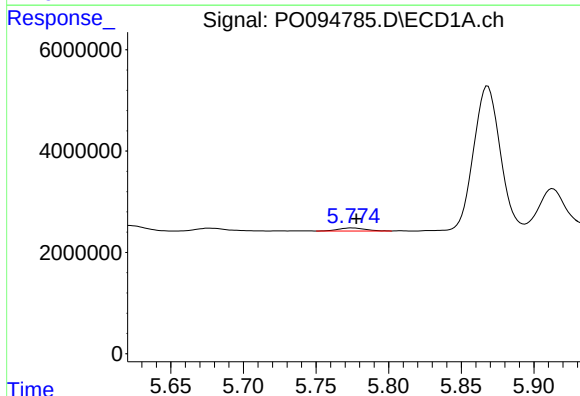
R.T.: 5.677 min
Delta R.T.: -0.002 min
Response: 1074650
Conc: 10.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



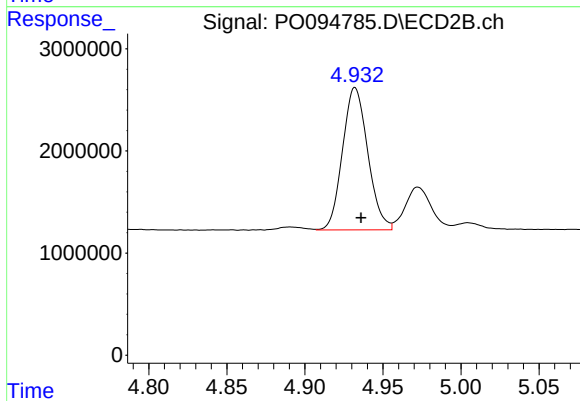
#5 AR-1016-3

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 349523
Conc: 11.13 ng/ml



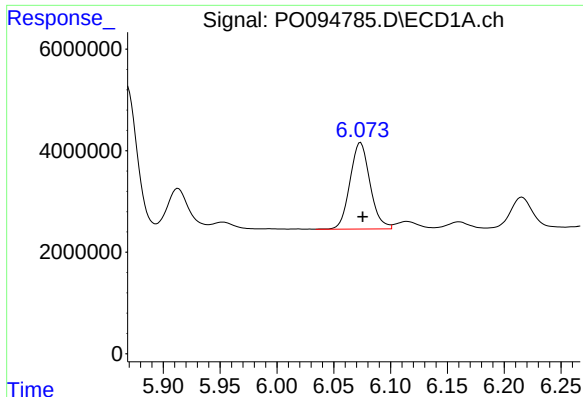
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 809870
Conc: 10.88 ng/ml



#6 AR-1016-4

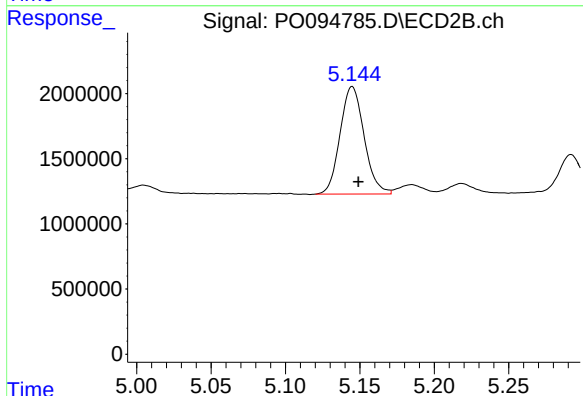
R.T.: 4.932 min
Delta R.T.: -0.004 min
Response: 15717775
Conc: 543.56 ng/ml



#7 AR-1016-5

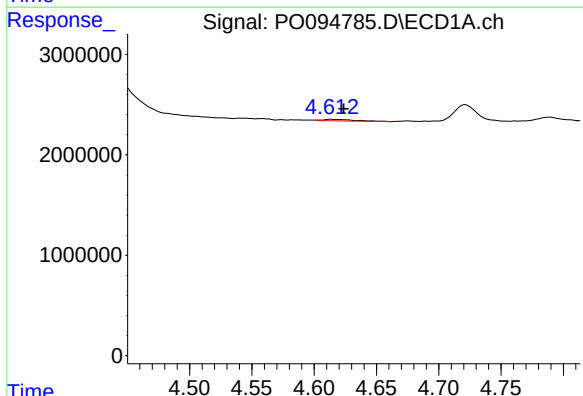
R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 20998426
Conc: 251.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



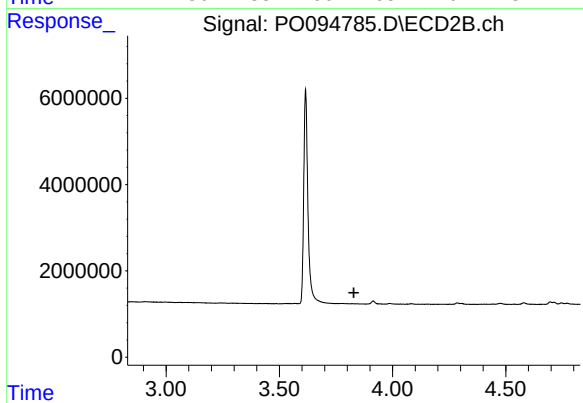
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: -0.004 min
Response: 9288832
Conc: 253.80 ng/ml



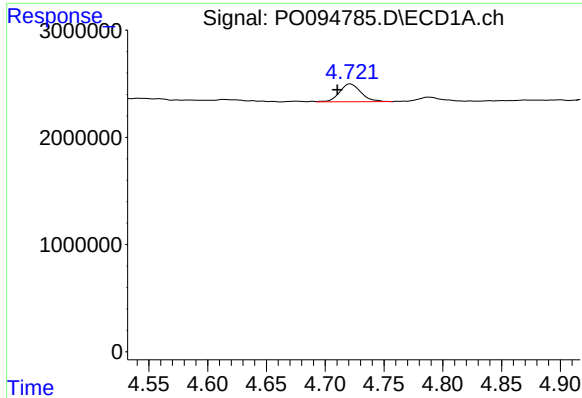
#8 AR-1221-1

R.T.: 4.613 min
Delta R.T.: -0.010 min
Response: 270165
Conc: 6.09 ng/ml



#8 AR-1221-1

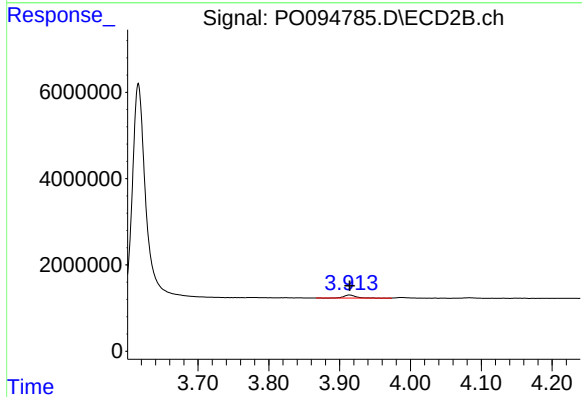
R.T.: 0.000 min
Exp R.T. : 3.829 min
Response: 0
Conc: N.D.



#9 AR-1221-2

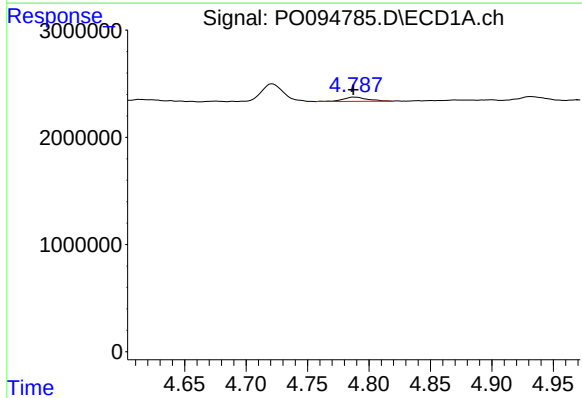
R.T.: 4.721 min
Delta R.T.: 0.011 min
Response: 2104885
Conc: 64.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



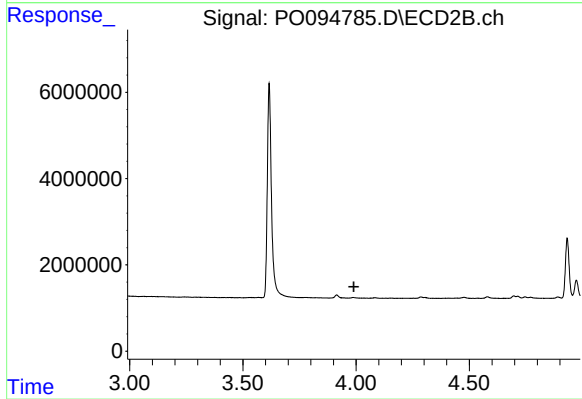
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: 0.000 min
Response: 809542
Conc: 63.60 ng/ml



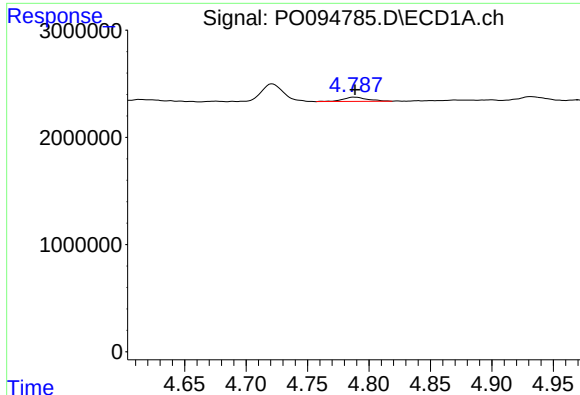
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: 0.001 min
Response: 562456
Conc: 5.63 ng/ml



#10 AR-1221-3

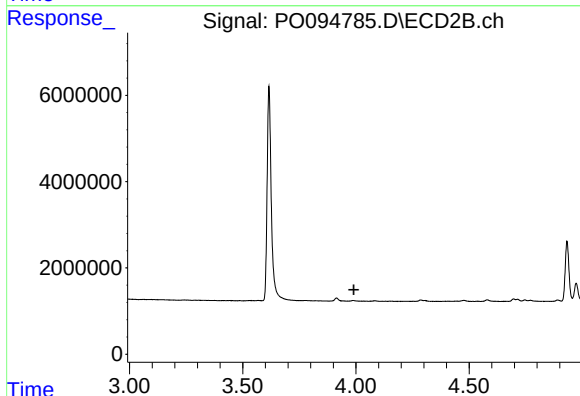
R.T.: 0.000 min
Exp R.T. : 3.990 min
Response: 0
Conc: N.D.



#11 AR-1232-1

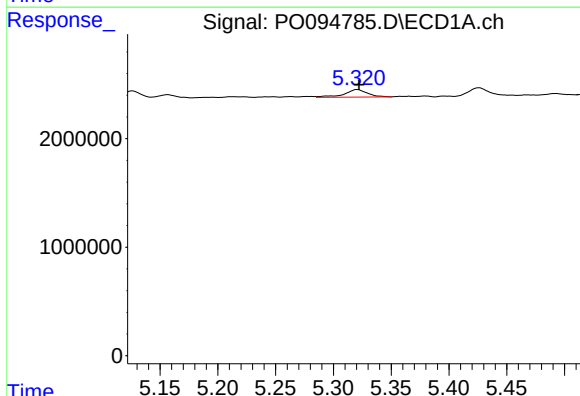
R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 562456
Conc: 6.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



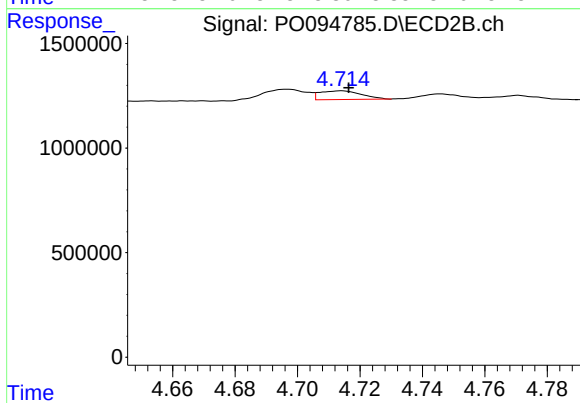
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.991 min
Response: 0
Conc: N.D.



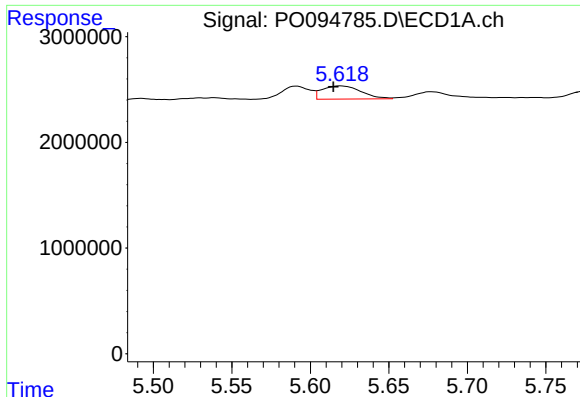
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: -0.002 min
Response: 964632
Conc: 22.50 ng/ml



#12 AR-1232-2

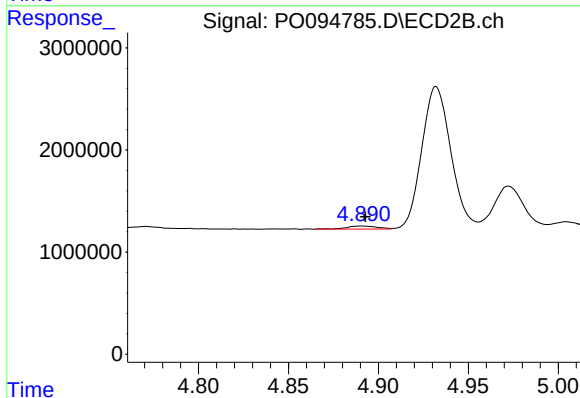
R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 387679
Conc: 13.32 ng/ml



#13 AR-1232-3

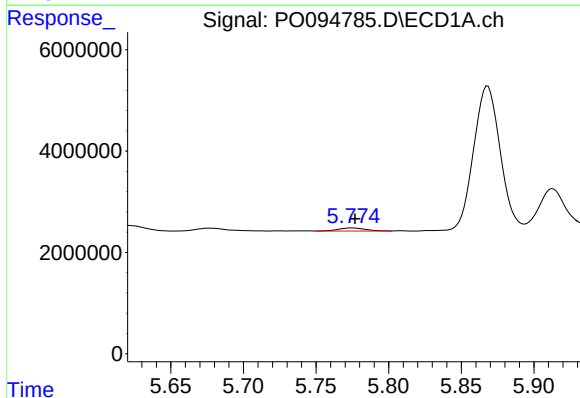
R.T.: 5.619 min
Delta R.T.: 0.004 min
Response: 2154858
Conc: 29.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



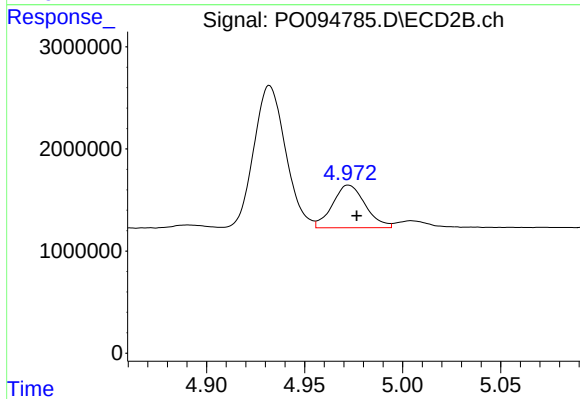
#13 AR-1232-3

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 349523
Conc: 23.56 ng/ml



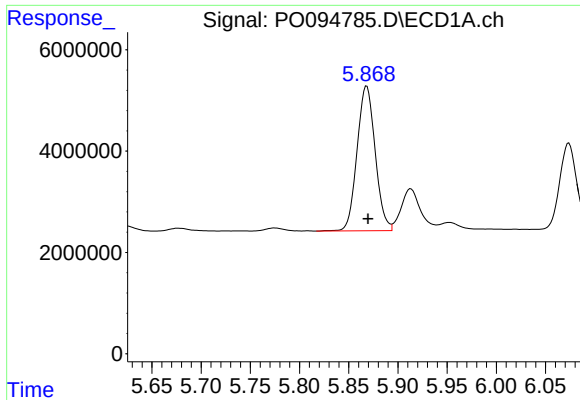
#14 AR-1232-4

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 809870
Conc: 23.06 ng/ml



#14 AR-1232-4

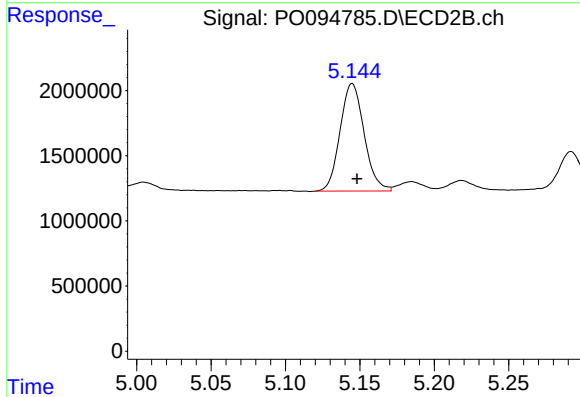
R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 4873322
Conc: 313.52 ng/ml



#15 AR-1232-5

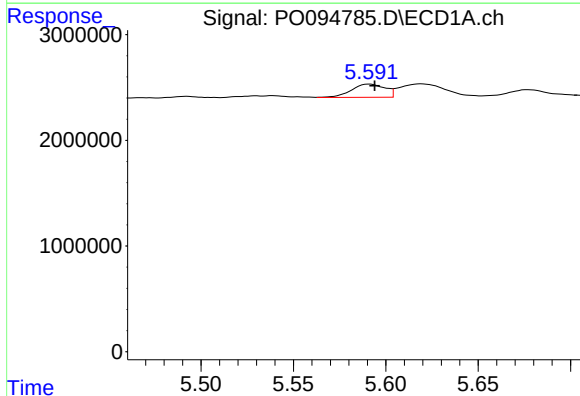
R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 36638449
Conc: 1111.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



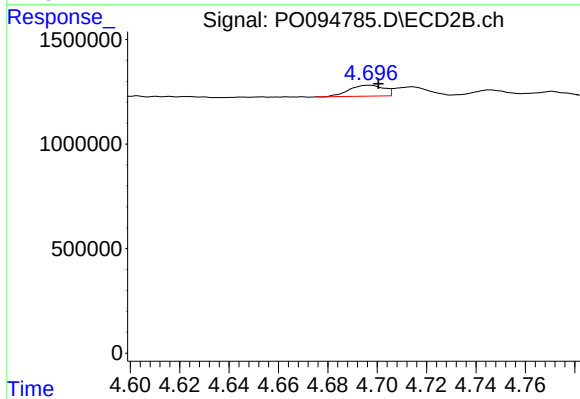
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: -0.003 min
Response: 9288832
Conc: 544.95 ng/ml



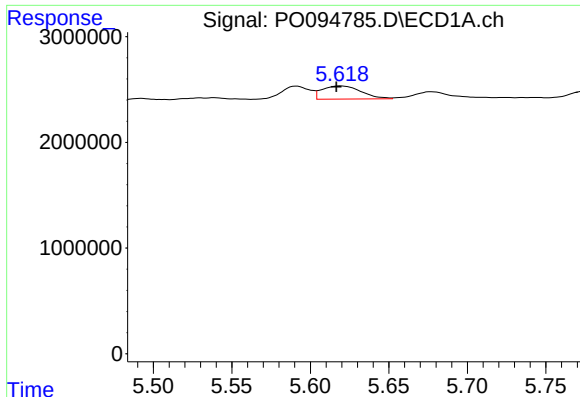
#16 AR-1242-1

R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 1592133
Conc: 19.06 ng/ml



#16 AR-1242-1

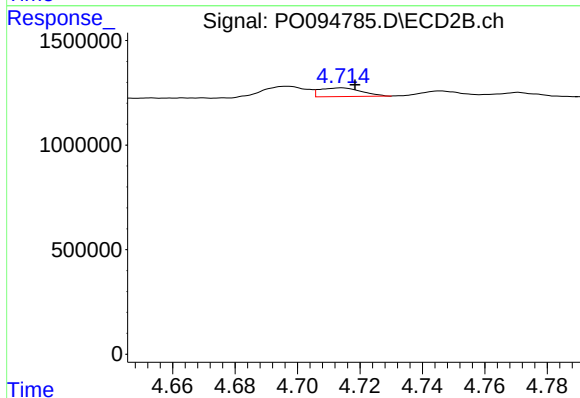
R.T.: 4.697 min
Delta R.T.: -0.004 min
Response: 516873
Conc: 15.61 ng/ml



#17 AR-1242-2

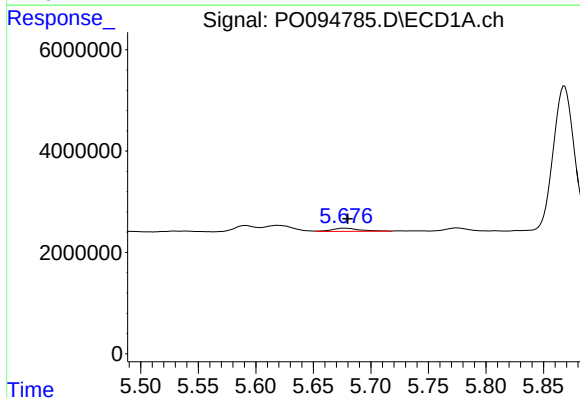
R.T.: 5.619 min
Delta R.T.: 0.003 min
Response: 2154858
Conc: 17.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



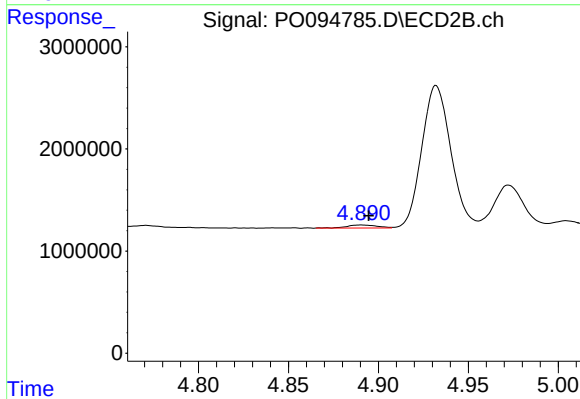
#17 AR-1242-2

R.T.: 4.714 min
Delta R.T.: -0.005 min
Response: 387679
Conc: 7.86 ng/ml



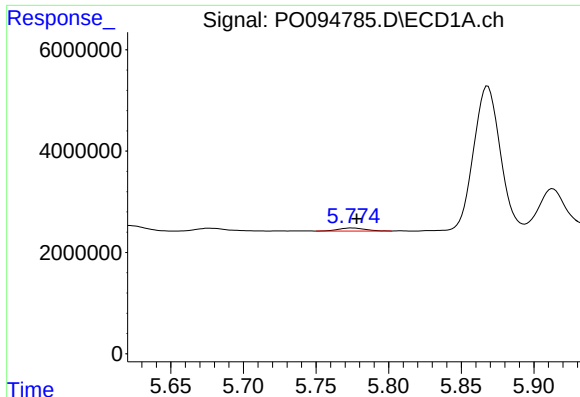
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.003 min
Response: 1074650
Conc: 13.20 ng/ml



#18 AR-1242-3

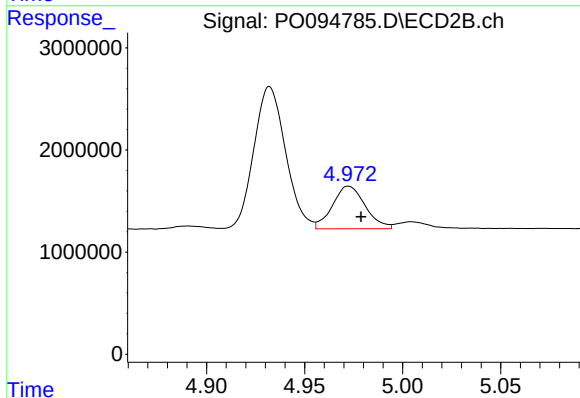
R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 349523
Conc: 13.43 ng/ml



#19 AR-1242-4

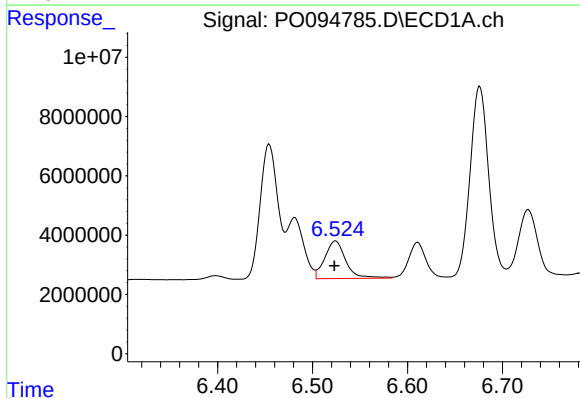
R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 809870
Conc: 13.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



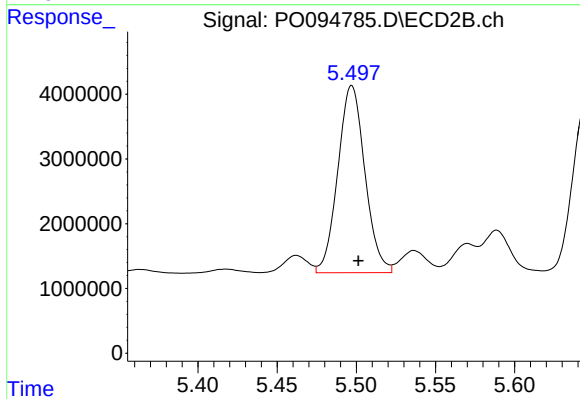
#19 AR-1242-4

R.T.: 4.972 min
Delta R.T.: -0.006 min
Response: 4873322
Conc: 164.63 ng/ml



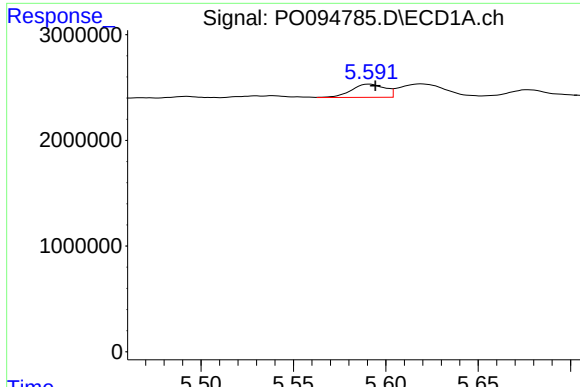
#20 AR-1242-5

R.T.: 6.524 min
Delta R.T.: 0.001 min
Response: 19408945
Conc: 301.60 ng/ml



#20 AR-1242-5

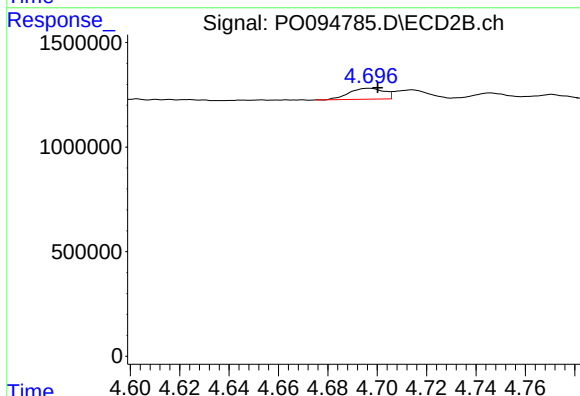
R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 34382420
Conc: 1088.22 ng/ml



#21 AR-1248-1

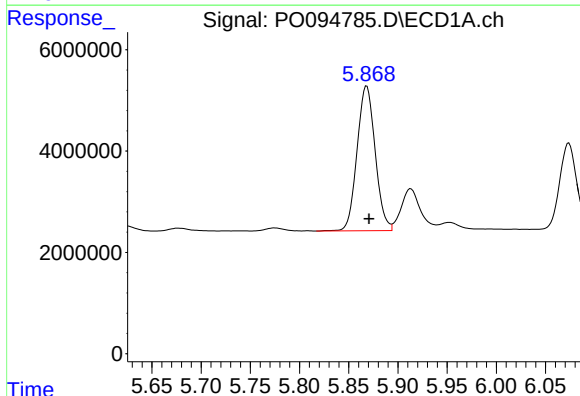
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 1592133
Conc: 25.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



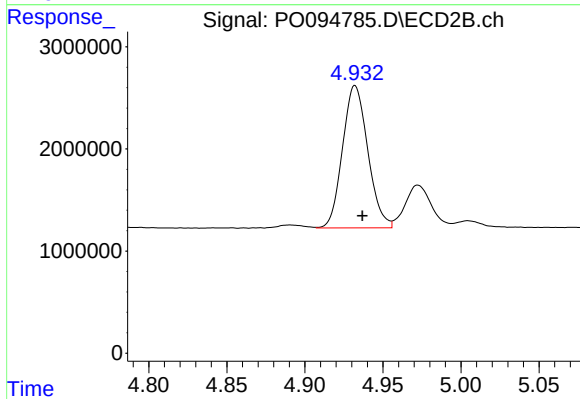
#21 AR-1248-1

R.T.: 4.697 min
Delta R.T.: -0.004 min
Response: 516873
Conc: 20.27 ng/ml



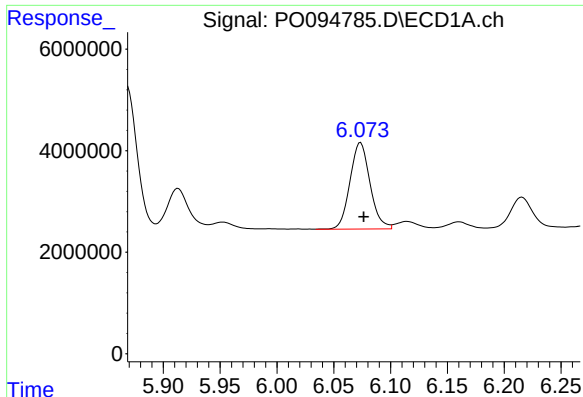
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: -0.003 min
Response: 36638449
Conc: 350.16 ng/ml



#22 AR-1248-2

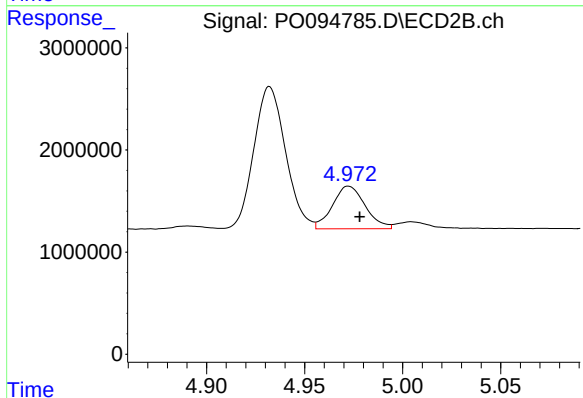
R.T.: 4.932 min
Delta R.T.: -0.005 min
Response: 15717775
Conc: 379.52 ng/ml



#23 AR-1248-3

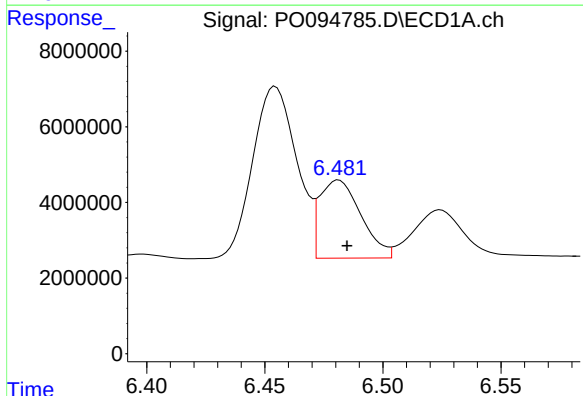
R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 20998426
Conc: 189.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



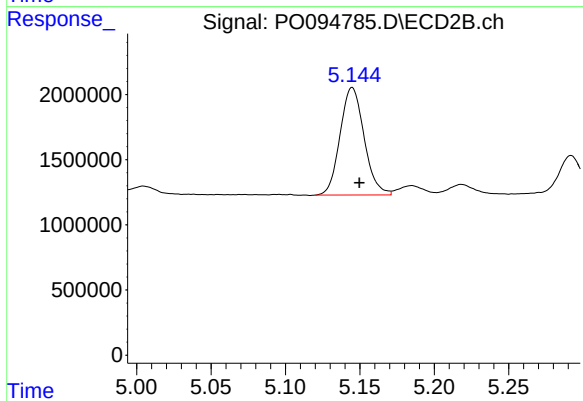
#23 AR-1248-3

R.T.: 4.972 min
Delta R.T.: -0.006 min
Response: 4873322
Conc: 113.59 ng/ml



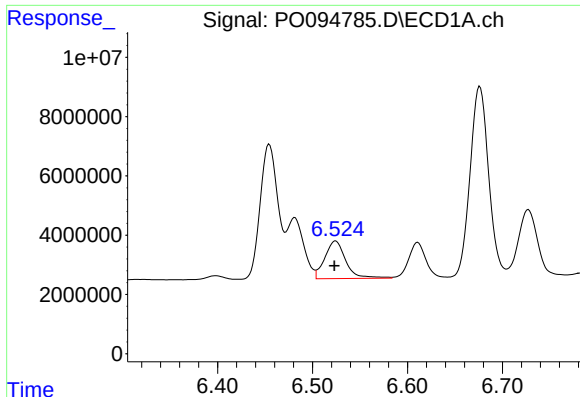
#24 AR-1248-4

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 25131742
Conc: 244.09 ng/ml



#24 AR-1248-4

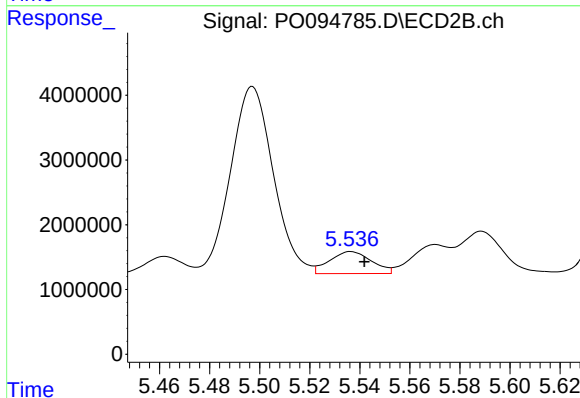
R.T.: 5.145 min
Delta R.T.: -0.005 min
Response: 9288832
Conc: 189.51 ng/ml



#25 AR-1248-5

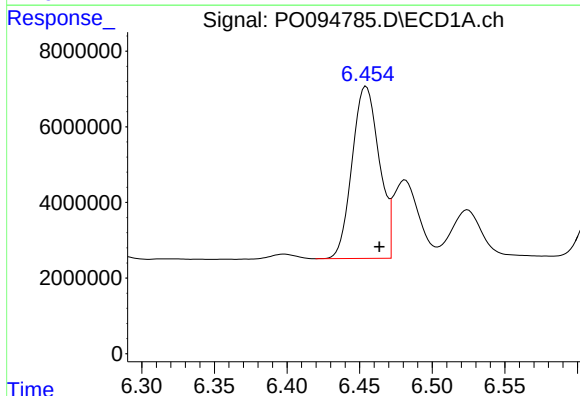
R.T.: 6.524 min
Delta R.T.: 0.001 min
Response: 19408945
Conc: 178.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



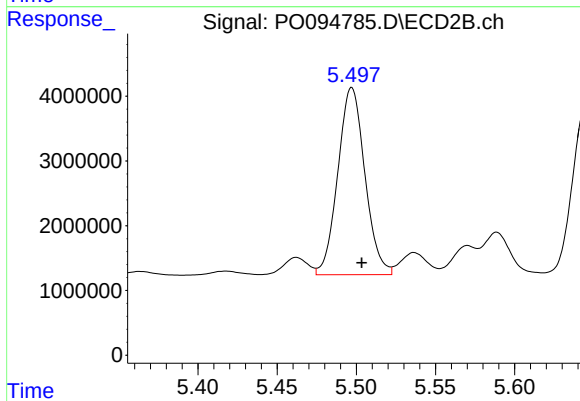
#25 AR-1248-5

R.T.: 5.537 min
Delta R.T.: -0.005 min
Response: 3964062
Conc: 99.64 ng/ml



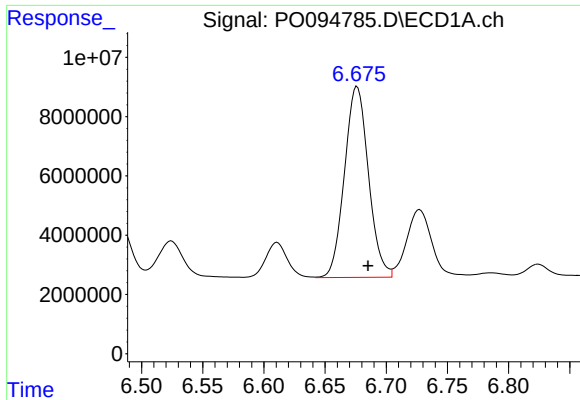
#26 AR-1254-1

R.T.: 6.454 min
Delta R.T.: -0.009 min
Response: 59153480
Conc: 466.88 ng/ml



#26 AR-1254-1

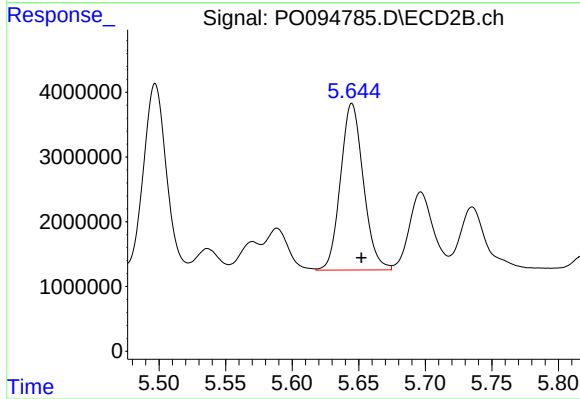
R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 34382420
Conc: 474.30 ng/ml



#27 AR-1254-2

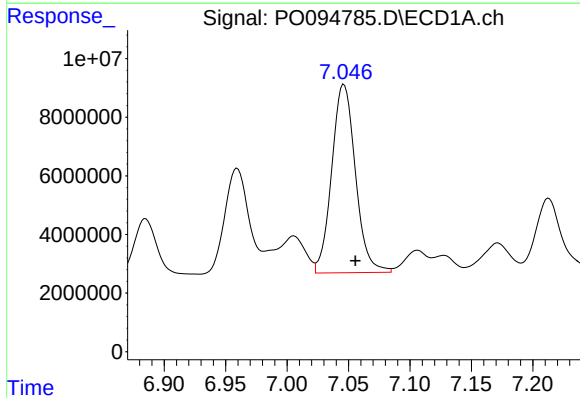
R.T.: 6.676 min
Delta R.T.: -0.009 min
Response: 87899450
Conc: 459.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



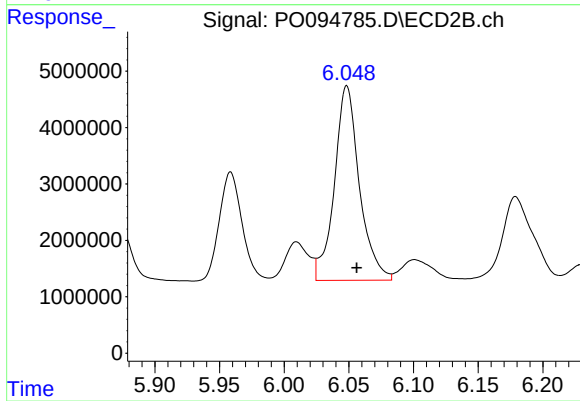
#27 AR-1254-2

R.T.: 5.645 min
Delta R.T.: -0.007 min
Response: 30761146
Conc: 471.44 ng/ml



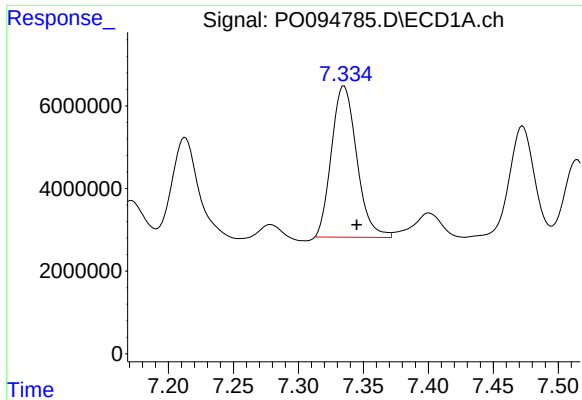
#28 AR-1254-3

R.T.: 7.046 min
Delta R.T.: -0.009 min
Response: 86319120
Conc: 457.64 ng/ml



#28 AR-1254-3

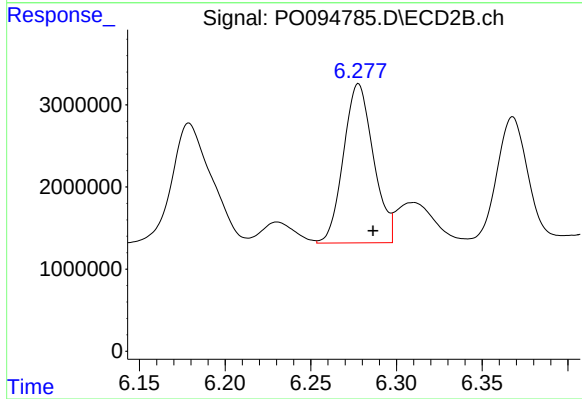
R.T.: 6.048 min
Delta R.T.: -0.008 min
Response: 46402832
Conc: 467.30 ng/ml



#29 AR-1254-4

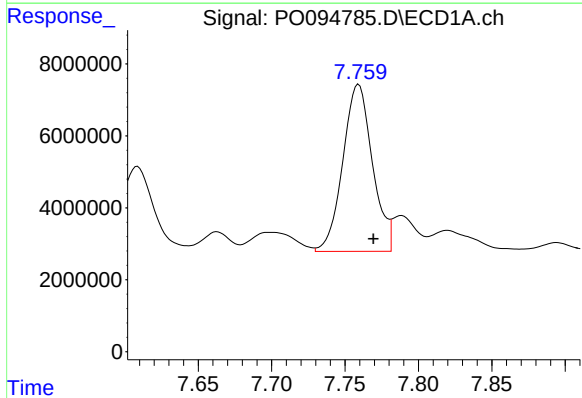
R.T.: 7.335 min
Delta R.T.: -0.010 min
Response: 49579135
Conc: 437.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



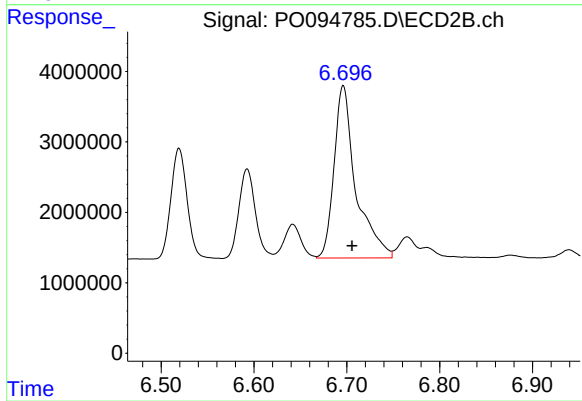
#29 AR-1254-4

R.T.: 6.278 min
Delta R.T.: -0.009 min
Response: 23580176
Conc: 477.73 ng/ml



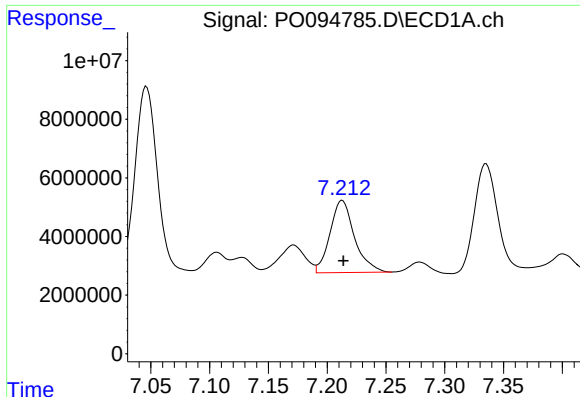
#30 AR-1254-5

R.T.: 7.759 min
Delta R.T.: -0.010 min
Response: 65083657
Conc: 464.73 ng/ml



#30 AR-1254-5

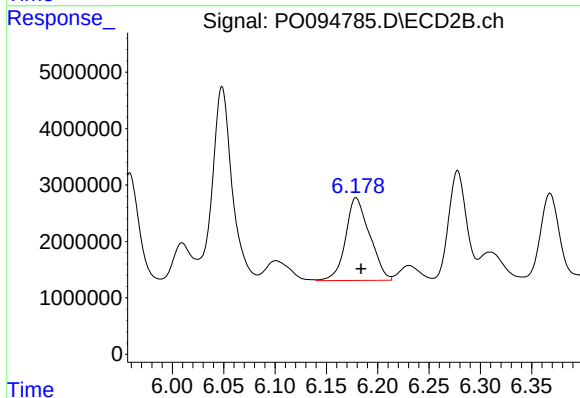
R.T.: 6.696 min
Delta R.T.: -0.009 min
Response: 39869364
Conc: 473.89 ng/ml



#31 AR-1260-1

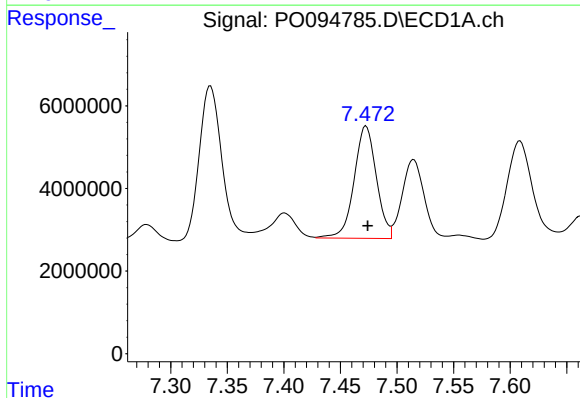
R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 35729094
Conc: 240.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



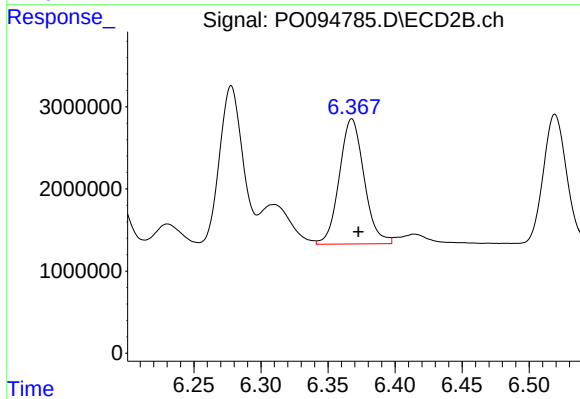
#31 AR-1260-1

R.T.: 6.179 min
Delta R.T.: -0.005 min
Response: 23980232
Conc: 340.63 ng/ml



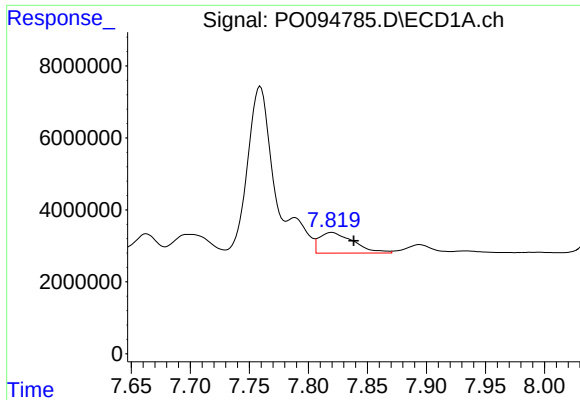
#32 AR-1260-2

R.T.: 7.473 min
Delta R.T.: -0.001 min
Response: 37200984
Conc: 229.40 ng/ml



#32 AR-1260-2

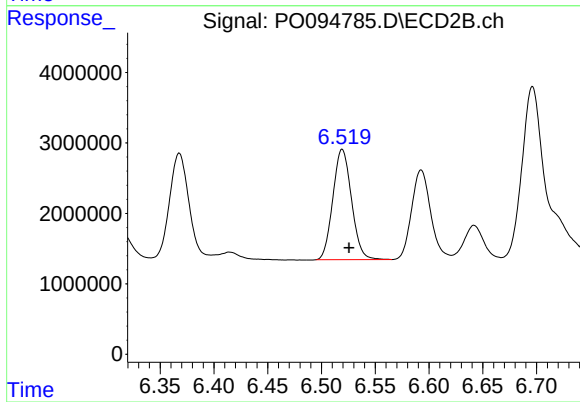
R.T.: 6.368 min
Delta R.T.: -0.005 min
Response: 19560264
Conc: 244.68 ng/ml



#33 AR-1260-3

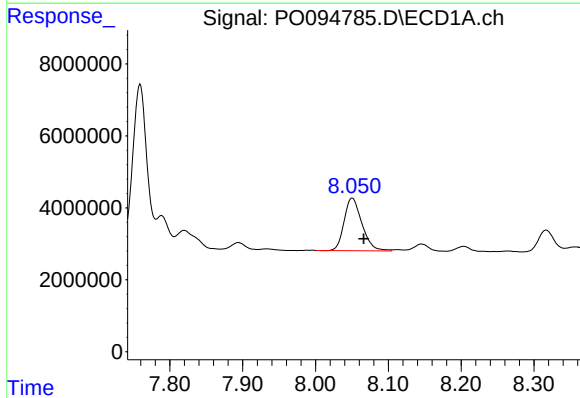
R.T.: 7.820 min
Delta R.T.: -0.019 min
Response: 11708827
Conc: 89.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



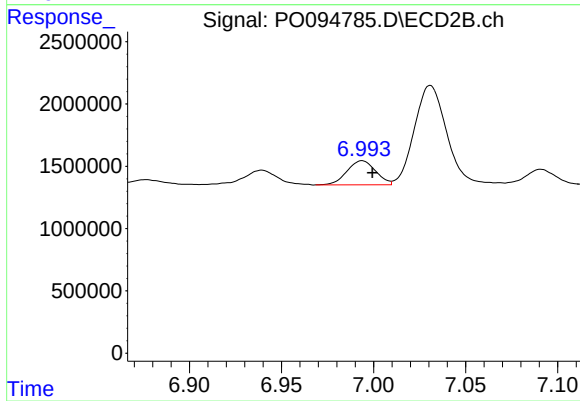
#33 AR-1260-3

R.T.: 6.519 min
Delta R.T.: -0.006 min
Response: 18850778
Conc: 250.67 ng/ml



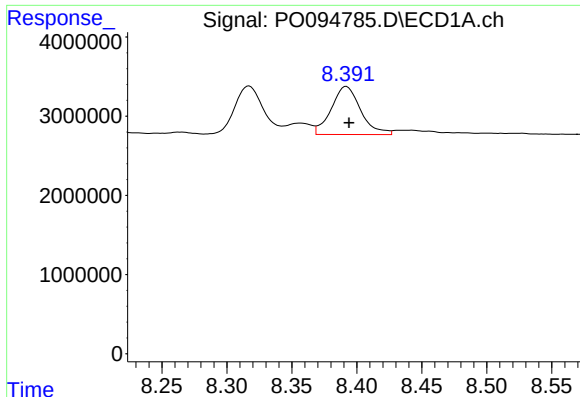
#34 AR-1260-4

R.T.: 8.051 min
Delta R.T.: -0.016 min
Response: 24866703
Conc: 177.83 ng/ml



#34 AR-1260-4

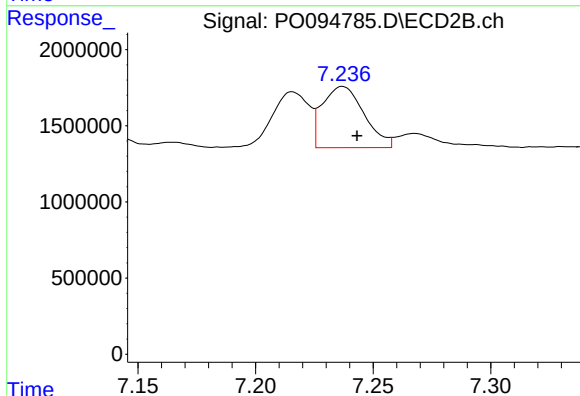
R.T.: 6.994 min
Delta R.T.: -0.006 min
Response: 2103809
Conc: 33.61 ng/ml



#35 AR-1260-5

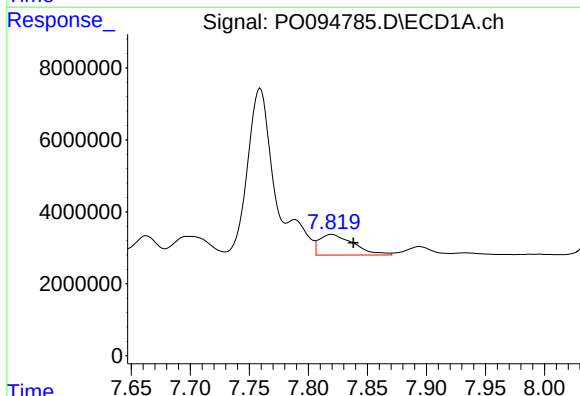
R.T.: 8.392 min
Delta R.T.: -0.002 min
Response: 9569880
Conc: 39.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



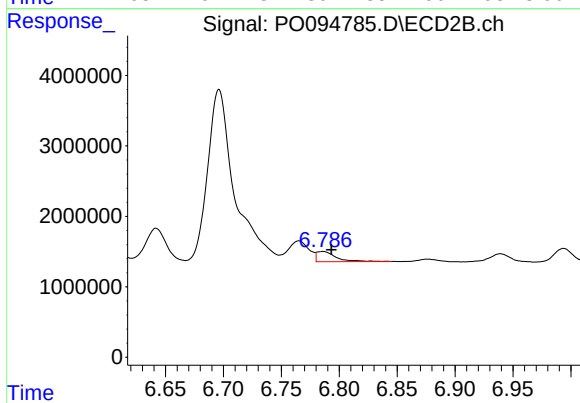
#35 AR-1260-5

R.T.: 7.237 min
Delta R.T.: -0.006 min
Response: 4959111
Conc: 39.35 ng/ml



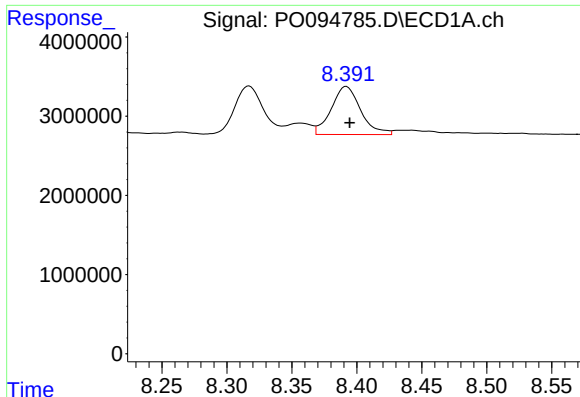
#36 AR-1262-1

R.T.: 7.820 min
Delta R.T.: -0.018 min
Response: 11708827
Conc: 69.71 ng/ml



#36 AR-1262-1

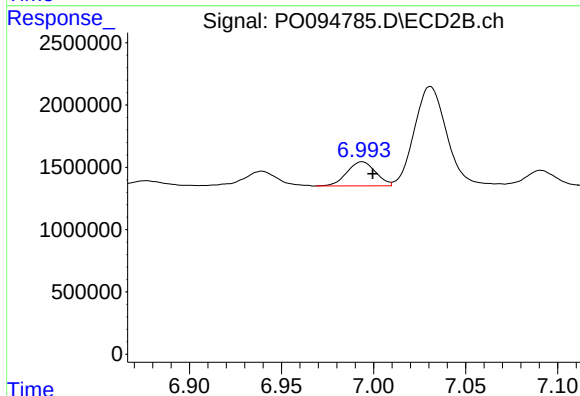
R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 1683363
Conc: 44.91 ng/ml



#37 AR-1262-2

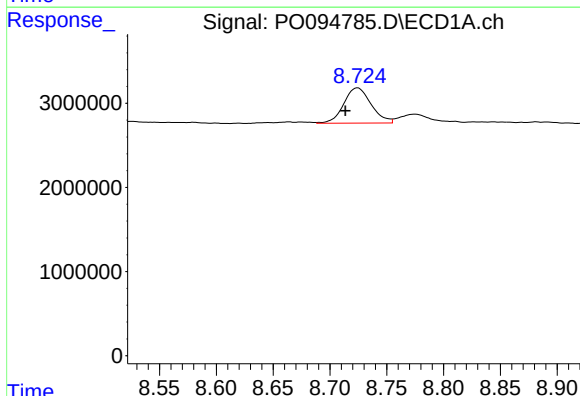
R.T.: 8.392 min
Delta R.T.: -0.003 min
Response: 9569880
Conc: 38.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



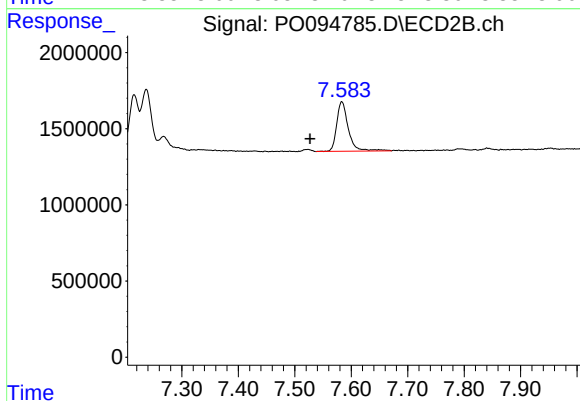
#37 AR-1262-2

R.T.: 6.994 min
Delta R.T.: -0.006 min
Response: 2103809
Conc: 28.20 ng/ml



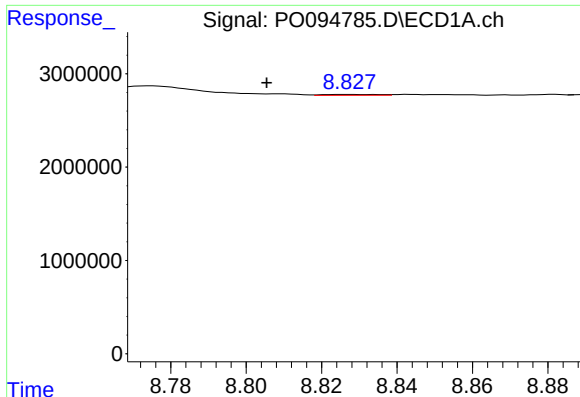
#38 AR-1262-3

R.T.: 8.724 min
Delta R.T.: 0.011 min
Response: 7011913
Conc: 38.83 ng/ml



#38 AR-1262-3

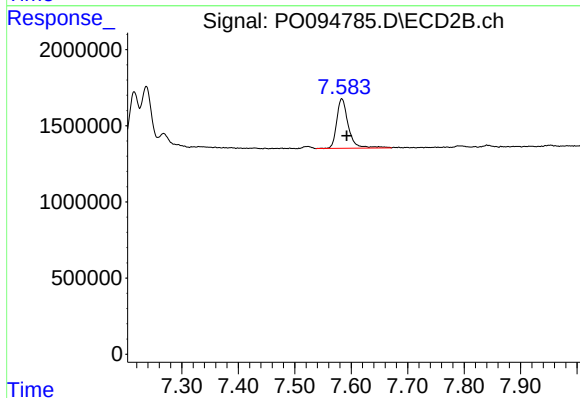
R.T.: 7.583 min
Delta R.T.: 0.056 min
Response: 4656907
Conc: 80.06 ng/ml



#39 AR-1262-4

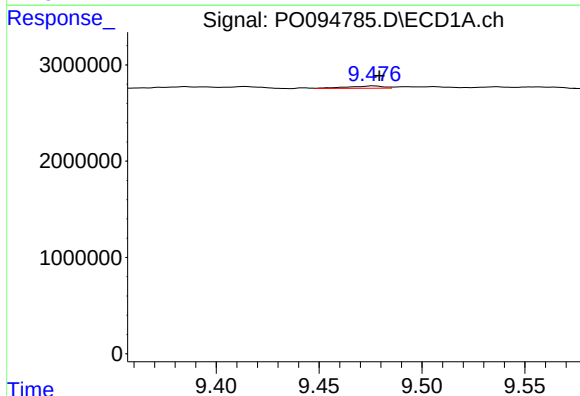
R.T.: 8.827 min
Delta R.T.: 0.022 min
Response: 103835
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



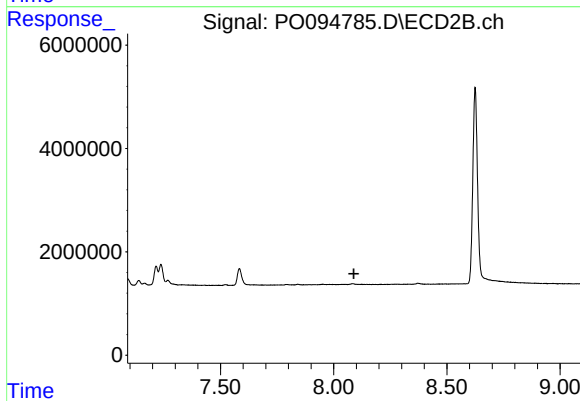
#39 AR-1262-4

R.T.: 7.583 min
Delta R.T.: -0.009 min
Response: 4656907
Conc: 45.98 ng/ml



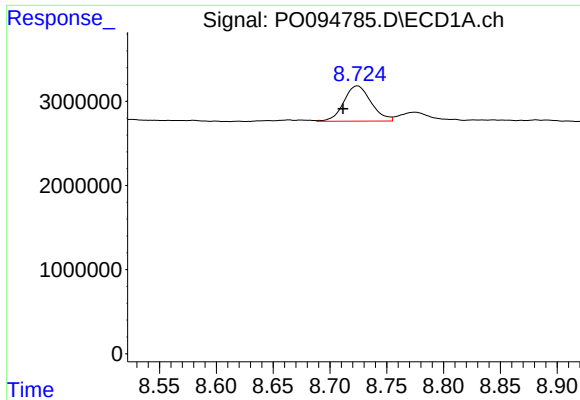
#40 AR-1262-5

R.T.: 9.476 min
Delta R.T.: -0.003 min
Response: 299677
Conc: 3.50 ng/ml



#40 AR-1262-5

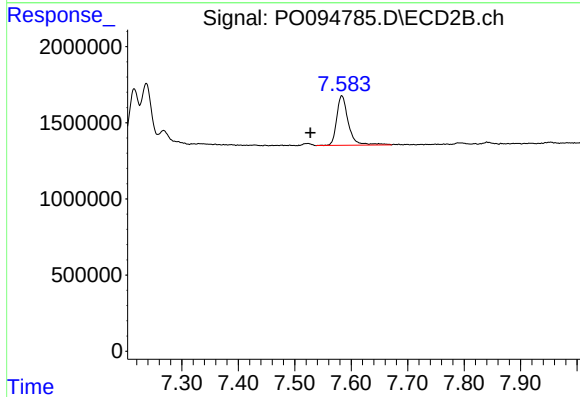
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

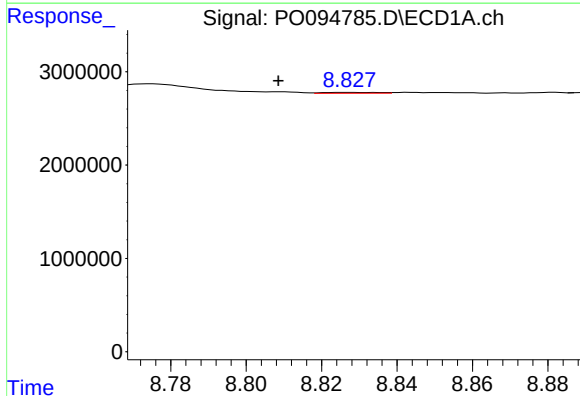
R.T.: 8.724 min
Delta R.T.: 0.013 min
Response: 7011913
Conc: 20.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



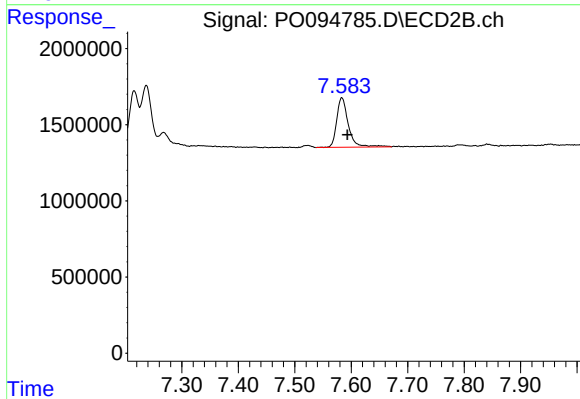
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: 0.056 min
Response: 4656907
Conc: 27.56 ng/ml



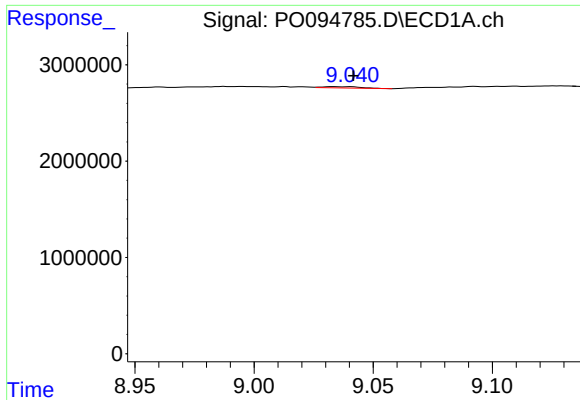
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: 0.019 min
Response: 103835
Conc: 0.34 ng/ml



#42 AR-1268-2

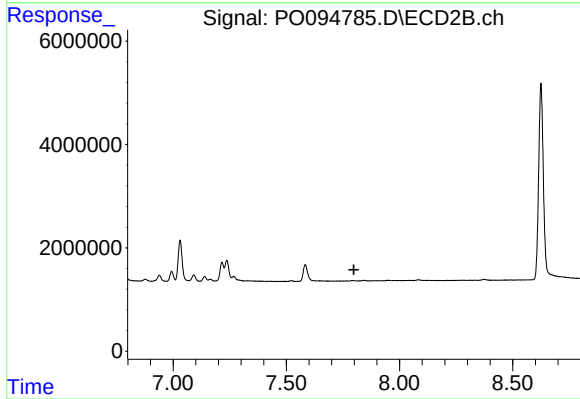
R.T.: 7.583 min
Delta R.T.: -0.010 min
Response: 4656907
Conc: 30.39 ng/ml



#43 AR-1268-3

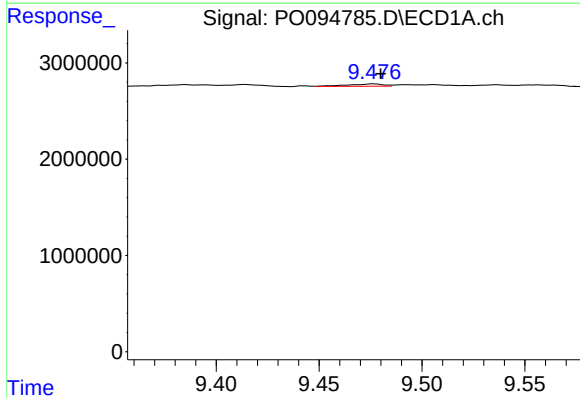
R.T.: 9.034 min
Delta R.T.: -0.008 min
Response: 146354
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



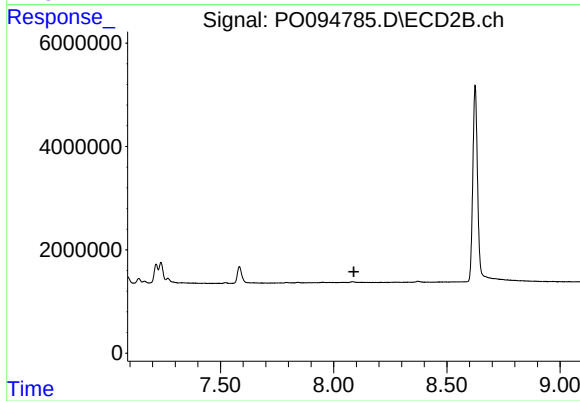
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.799 min
Response: 0
Conc: N.D.



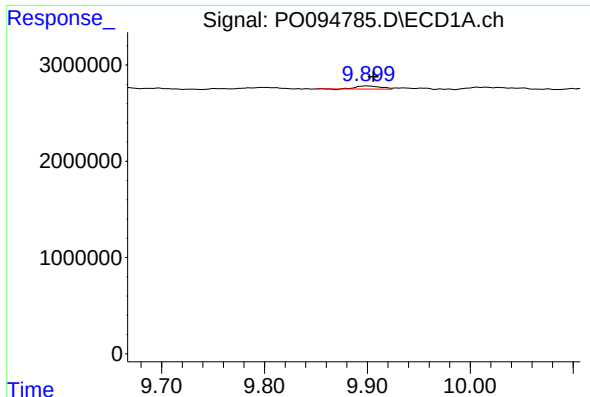
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.003 min
Response: 299677
Conc: 3.19 ng/ml



#44 AR-1268-4

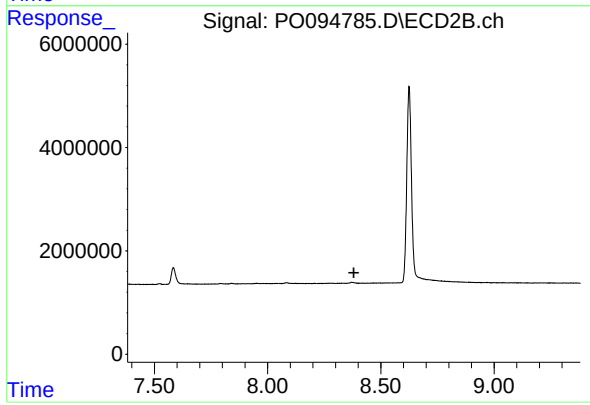
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.899 min
Delta R.T.: -0.007 min
Response: 537685
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.381 min
Response: 0
Conc: N.D.