

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0061223\
 Data File : P0095597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2023 10:54
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 22:22:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jun 10 06:51:01 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...	4.406	3.624	191.8E6	81150047	44.759	44.639
2)	SA Decachlor...	10.241	8.679	124.6E6	57495236	50.014	51.625
Target Compounds							
3)	L1 AR-1016-1	5.587	4.718	33404243	13566102	267.670	284.470
4)	L1 AR-1016-2	5.610	4.736	41553255	14093937	227.449	207.638
5)	L1 AR-1016-3	5.673	4.915	20659812	10704144	175.544	288.147 #
6)	L1 AR-1016-4	5.771	4.957	22614073	22508377	243.398	633.575 #
7)	L1 AR-1016-5	6.070	5.171	55094088	26232472	593.445	620.819
8)	L2 AR-1221-1	4.613	3.843	511925	228064	9.889	10.755
9)	L2 AR-1221-2	4.714	3.926	2764204	1215894	72.112	76.378
10)	L2 AR-1221-3	4.780	4.002	3091645	1288810	27.128	26.730
11)	L3 AR-1232-1	4.780	4.002	3091645	1288810	37.914	37.538
12)	L3 AR-1232-2	5.316	4.736	16340806	14093937	344.520	468.251 #
13)	L3 AR-1232-3	5.610	4.915	41553255	10704144	529.138	673.708 #
14)	L3 AR-1232-4	5.771	4.998	22614073	23208982	561.357	1365.208 #
15)	L3 AR-1232-5	5.864	5.171	52954611	26232472	1621.971	1433.052
16)	L4 AR-1242-1	5.587	4.718	33404243	13566102	398.824	425.471
17)	L4 AR-1242-2	5.610	4.736	41553255	14093937	336.626	315.681
18)	L4 AR-1242-3	5.673	4.915	20659812	10704144	260.845	417.004 #
19)	L4 AR-1242-4	5.771	4.998	22614073	23208982	357.150	798.645 #
20)	L4 AR-1242-5	6.516	5.526	54675443	31359462	888.736	1077.891
21)	L5 AR-1248-1	5.587	4.718	33404243	13566102	495.677	527.954
22)	L5 AR-1248-2	5.864	4.957	52954611	22508377	489.205	513.872
23)	L5 AR-1248-3	6.070	4.998	55094088	23208982	498.373	514.234
24)	L5 AR-1248-4	6.478	5.171	54114760	26232472	492.588	516.707
25)	L5 AR-1248-5	6.516	5.567	54675443	20547546	486.324	533.561
26)	L6 AR-1254-1	6.450	5.526	43485764	31359462	351.600	451.598 #
27)	L6 AR-1254-2	6.674	5.676	55129845	12047520	308.316	188.867 #
28)	L6 AR-1254-3	7.041	6.082	30774918	15929115	177.495	173.759
29)	L6 AR-1254-4	7.329	6.312	18799318	8966276	163.936	210.209 #
30)	L6 AR-1254-5	7.753	6.733	5442882	3489388	39.467	44.882
31)	L7 AR-1260-1	7.208	6.228	3483173	7257953	22.106	95.229 #
32)	L7 AR-1260-2	7.465	6.403	5138446	1356312	29.954	16.945 #
33)	L7 AR-1260-3	7.753	6.556	5442882	1740315	27.843	22.447
34)	L7 AR-1260-4	8.042	7.036	2178830	237313	17.093	4.424 #
35)	L7 AR-1260-5	8.381	7.277	542629	404621	2.456	3.787 #
36)	L8 AR-1262-1	7.826	6.824	536421	2065756	3.108	51.931 #
37)	L8 AR-1262-2	8.381	7.036	542629	237313	1.990	3.029 #
38)	L8 AR-1262-3	8.715	7.518f	528365	205626	2.735	3.501 #
39)	L8 AR-1262-4	8.794	7.626	31040	332633	0.369	3.385 #
40)	L8 AR-1262-5	9.468	8.165f	195678	1481302	1.884	37.334 #
41)	L9 AR-1268-1	8.715	7.518f	528365	205626	1.515	1.308

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 Acq On : 12 Jun 2023 10:54
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

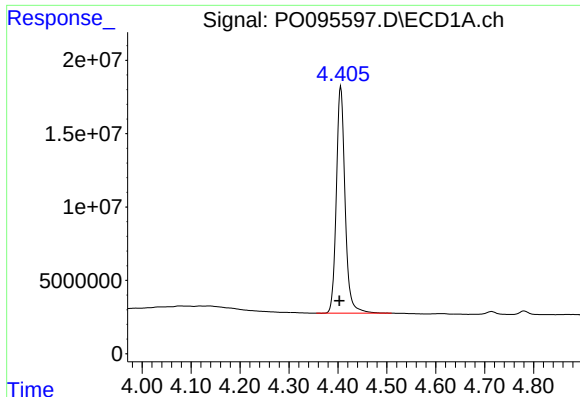
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 22:22:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060923.M
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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	8.794	7.626	31040	332633	0.099	2.341 #
43) L9	AR-1268-3	9.024	7.848	392357	2130003	1.406	15.338 #
44) L9	AR-1268-4	9.468	8.165f	195678	1481302	1.682	31.679 #
45) L9	AR-1268-5	9.891	8.419	1838040	296522	2.051	0.757 #

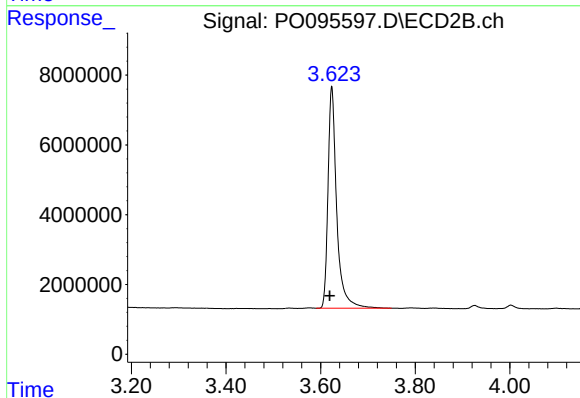
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

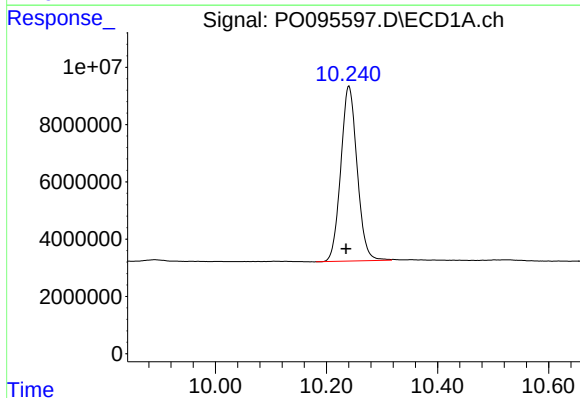
R.T.: 4.406 min
Delta R.T.: 0.003 min
Response: 191845496
Conc: 44.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



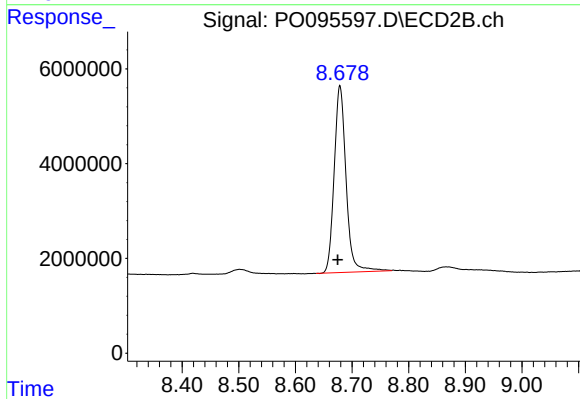
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: 0.004 min
Response: 81150047
Conc: 44.64 ng/ml



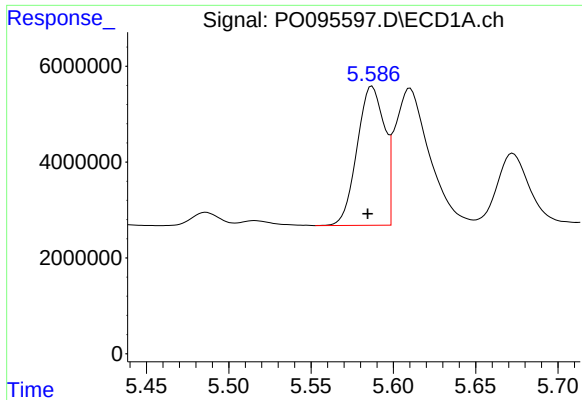
#2 Decachlorobiphenyl

R.T.: 10.241 min
Delta R.T.: 0.005 min
Response: 124647588
Conc: 50.01 ng/ml



#2 Decachlorobiphenyl

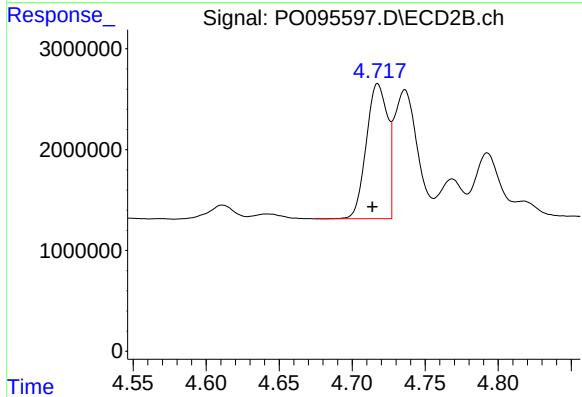
R.T.: 8.679 min
Delta R.T.: 0.004 min
Response: 57495236
Conc: 51.63 ng/ml



#3 AR-1016-1

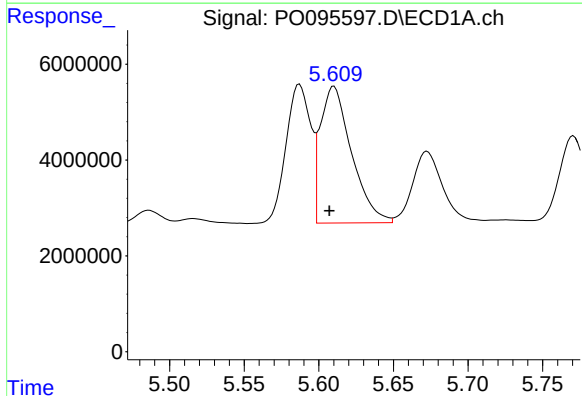
R.T.: 5.587 min
Delta R.T.: 0.003 min
Response: 33404243
Conc: 267.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



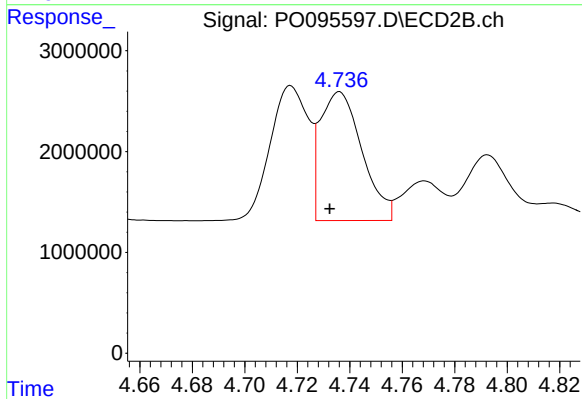
#3 AR-1016-1

R.T.: 4.718 min
Delta R.T.: 0.004 min
Response: 13566102
Conc: 284.47 ng/ml



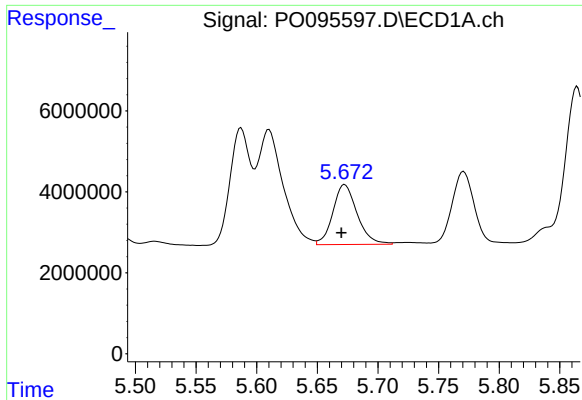
#4 AR-1016-2

R.T.: 5.610 min
Delta R.T.: 0.003 min
Response: 41553255
Conc: 227.45 ng/ml



#4 AR-1016-2

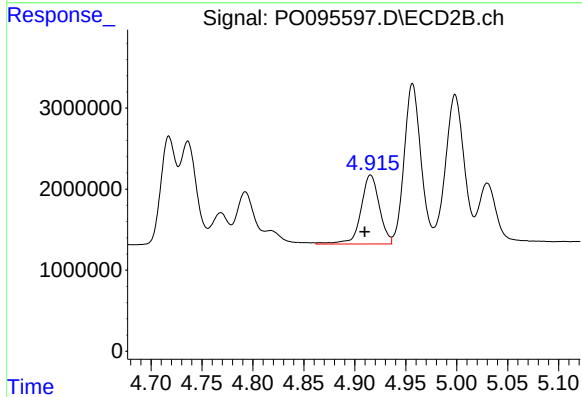
R.T.: 4.736 min
Delta R.T.: 0.004 min
Response: 14093937
Conc: 207.64 ng/ml



#5 AR-1016-3

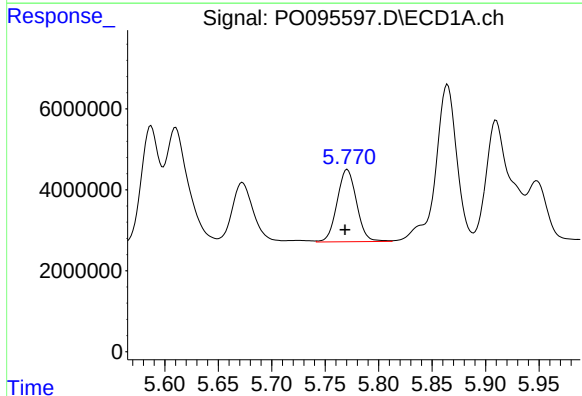
R.T.: 5.673 min
Delta R.T.: 0.003 min
Response: 20659812
Conc: 175.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



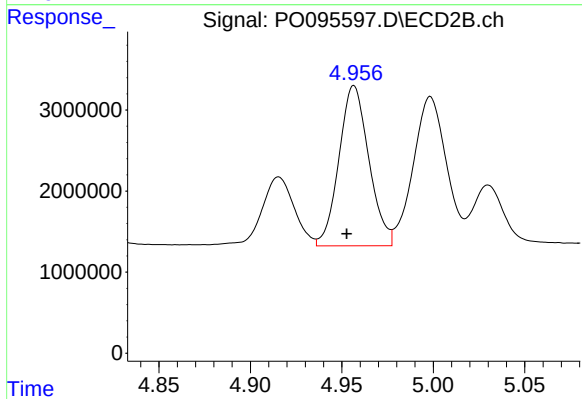
#5 AR-1016-3

R.T.: 4.915 min
Delta R.T.: 0.006 min
Response: 10704144
Conc: 288.15 ng/ml



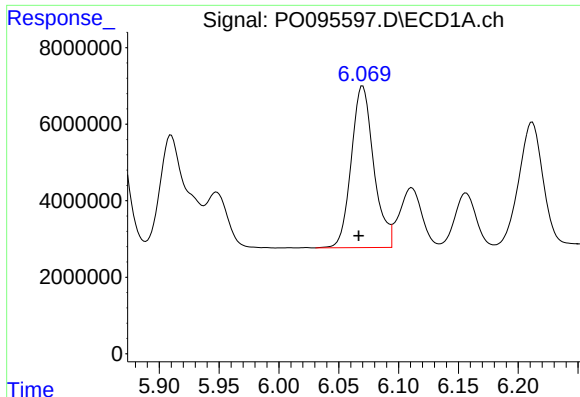
#6 AR-1016-4

R.T.: 5.771 min
Delta R.T.: 0.002 min
Response: 22614073
Conc: 243.40 ng/ml



#6 AR-1016-4

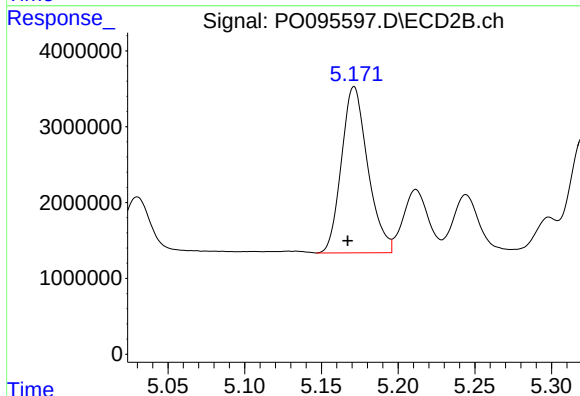
R.T.: 4.957 min
Delta R.T.: 0.004 min
Response: 22508377
Conc: 633.58 ng/ml



#7 AR-1016-5

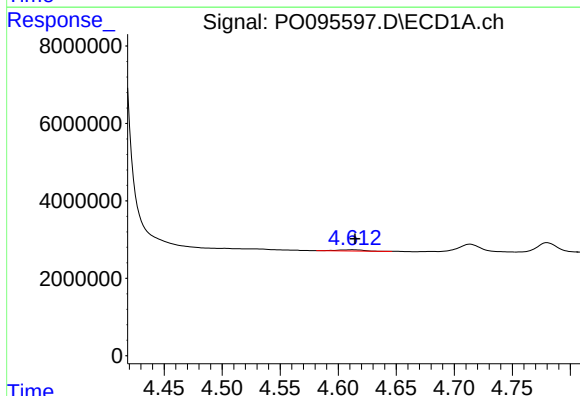
R.T.: 6.070 min
Delta R.T.: 0.003 min
Response: 55094088
Conc: 593.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



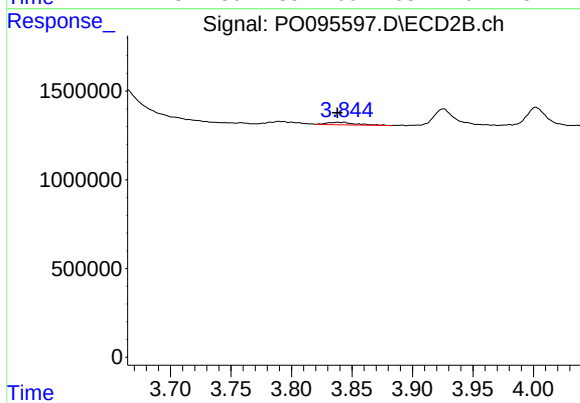
#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: 0.004 min
Response: 26232472
Conc: 620.82 ng/ml



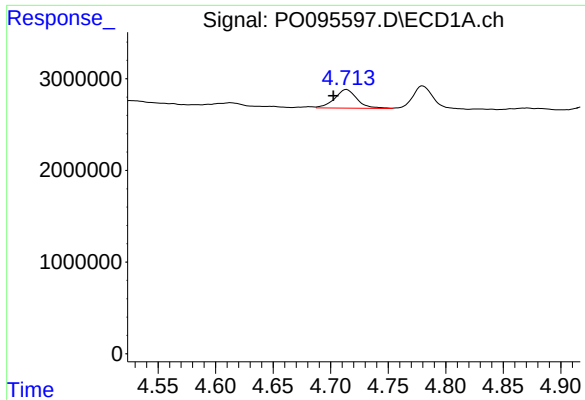
#8 AR-1221-1

R.T.: 4.613 min
Delta R.T.: -0.002 min
Response: 511925
Conc: 9.89 ng/ml



#8 AR-1221-1

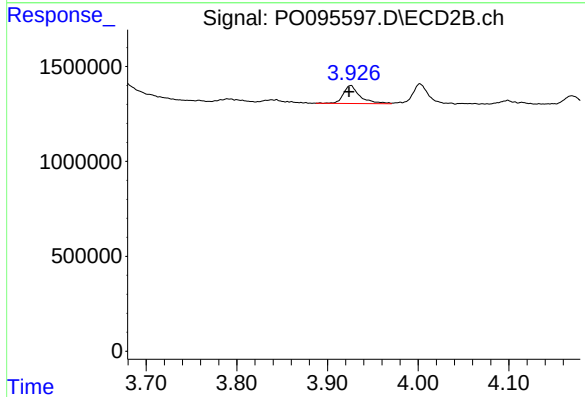
R.T.: 3.843 min
Delta R.T.: 0.005 min
Response: 228064
Conc: 10.75 ng/ml



#9 AR-1221-2

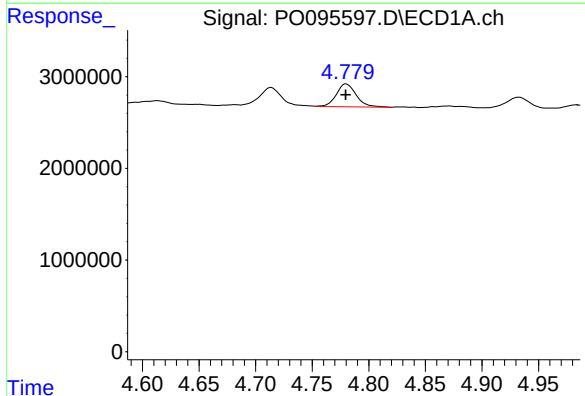
R.T.: 4.714 min
Delta R.T.: 0.012 min
Response: 2764204
Conc: 72.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



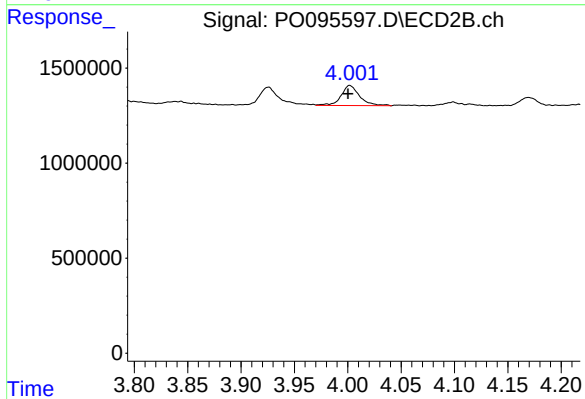
#9 AR-1221-2

R.T.: 3.926 min
Delta R.T.: 0.002 min
Response: 1215894
Conc: 76.38 ng/ml



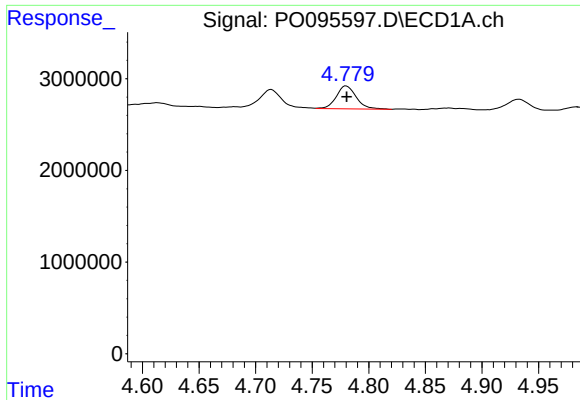
#10 AR-1221-3

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 3091645
Conc: 27.13 ng/ml



#10 AR-1221-3

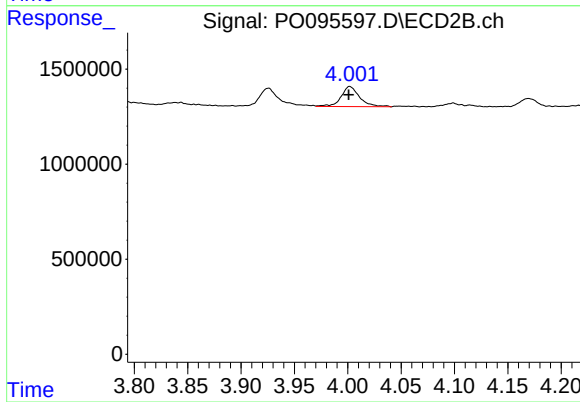
R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 1288810
Conc: 26.73 ng/ml



#11 AR-1232-1

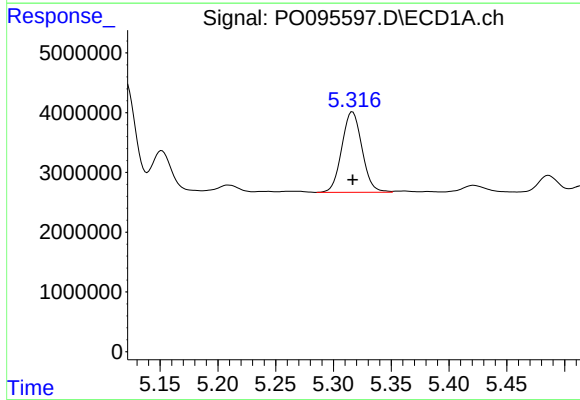
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 3091645
Conc: 37.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



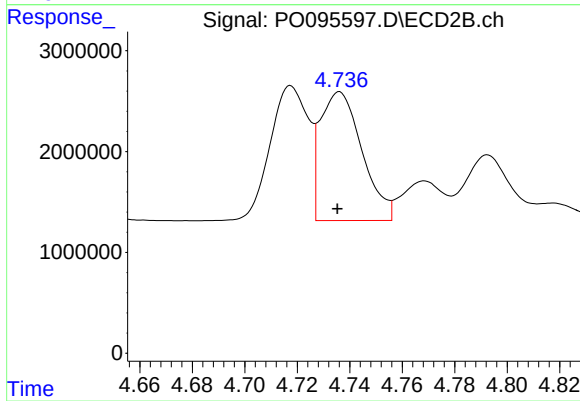
#11 AR-1232-1

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 1288810
Conc: 37.54 ng/ml



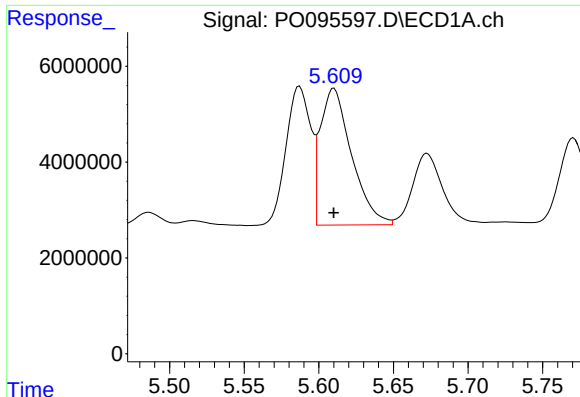
#12 AR-1232-2

R.T.: 5.316 min
Delta R.T.: 0.000 min
Response: 16340806
Conc: 344.52 ng/ml



#12 AR-1232-2

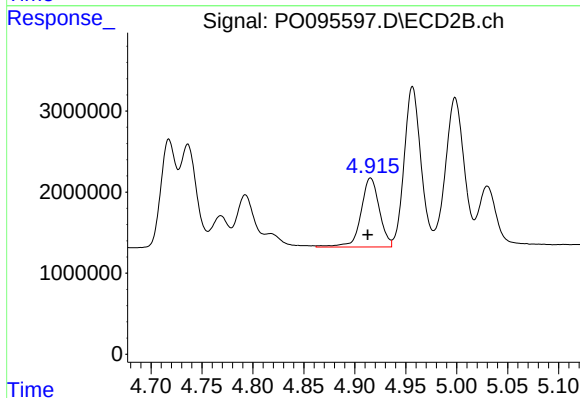
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 14093937
Conc: 468.25 ng/ml



#13 AR-1232-3

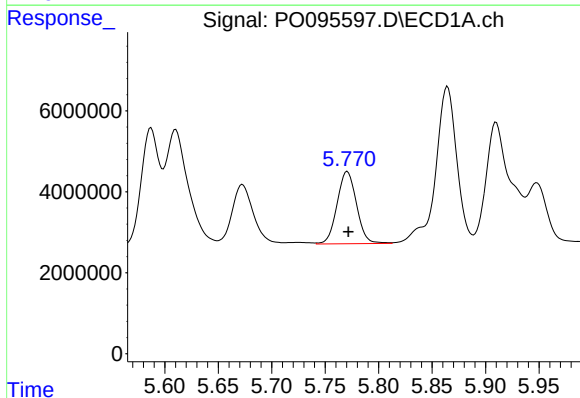
R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 41553255
Conc: 529.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



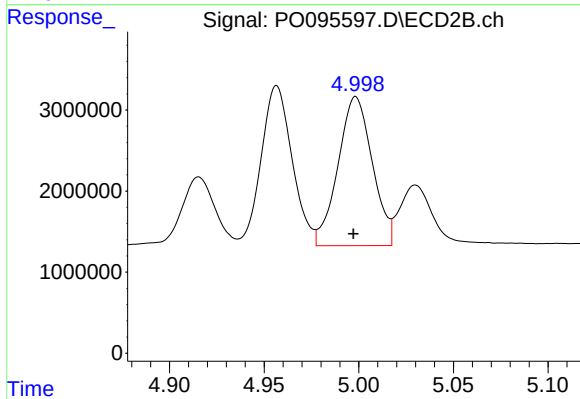
#13 AR-1232-3

R.T.: 4.915 min
Delta R.T.: 0.003 min
Response: 10704144
Conc: 673.71 ng/ml



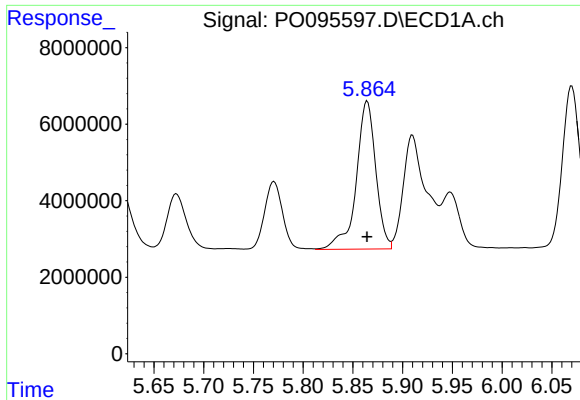
#14 AR-1232-4

R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 22614073
Conc: 561.36 ng/ml



#14 AR-1232-4

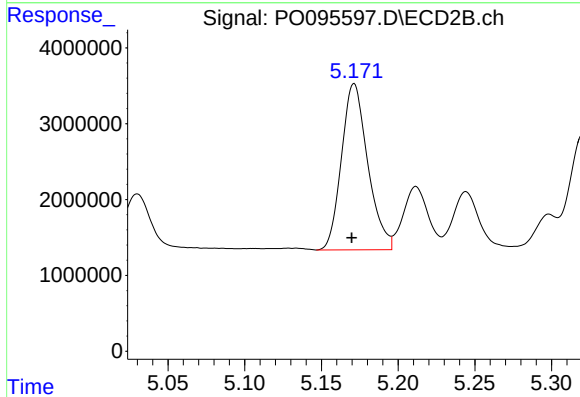
R.T.: 4.998 min
Delta R.T.: 0.001 min
Response: 23208982
Conc: 1365.21 ng/ml



#15 AR-1232-5

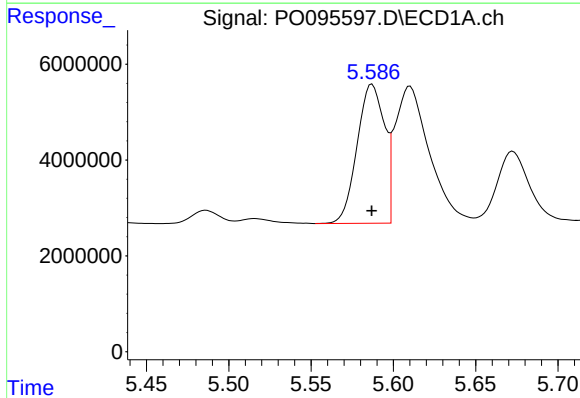
R.T.: 5.864 min
Delta R.T.: 0.000 min
Response: 52954611
Conc: 1621.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



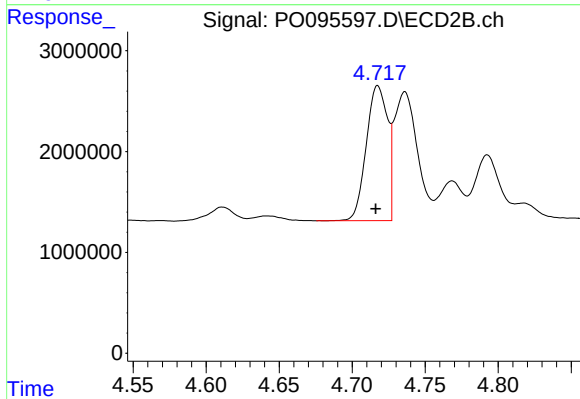
#15 AR-1232-5

R.T.: 5.171 min
Delta R.T.: 0.001 min
Response: 26232472
Conc: 1433.05 ng/ml



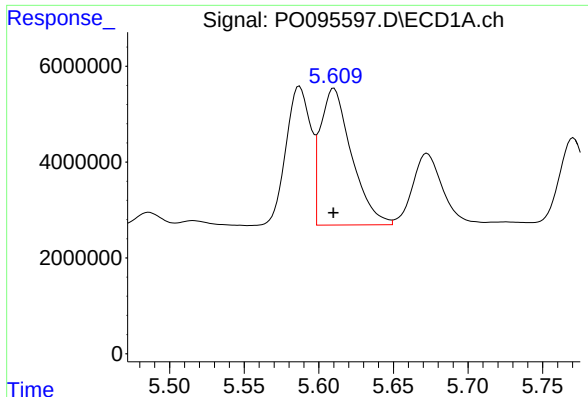
#16 AR-1242-1

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 33404243
Conc: 398.82 ng/ml



#16 AR-1242-1

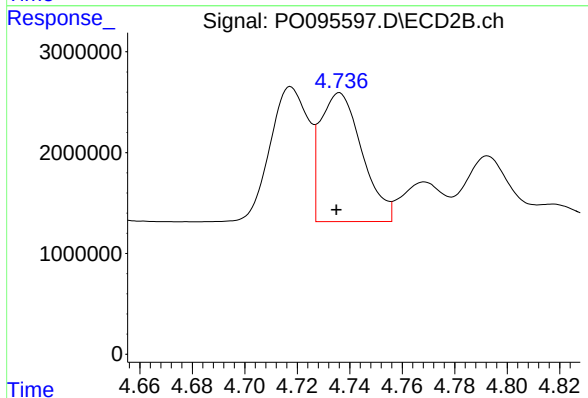
R.T.: 4.718 min
Delta R.T.: 0.001 min
Response: 13566102
Conc: 425.47 ng/ml



#17 AR-1242-2

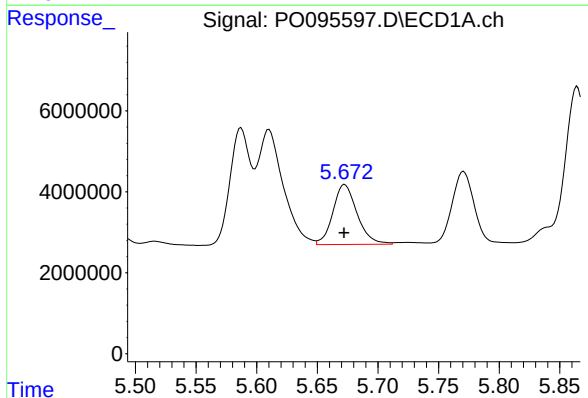
R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 41553255
Conc: 336.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



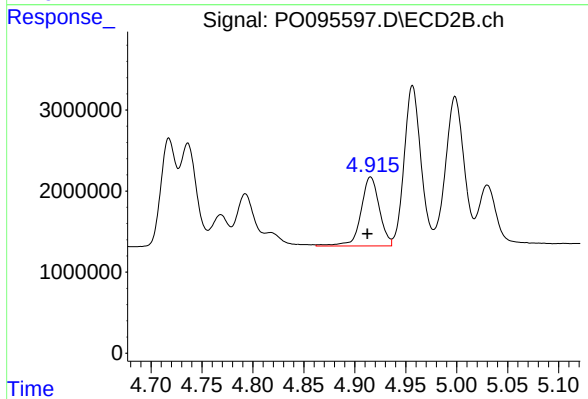
#17 AR-1242-2

R.T.: 4.736 min
Delta R.T.: 0.001 min
Response: 14093937
Conc: 315.68 ng/ml



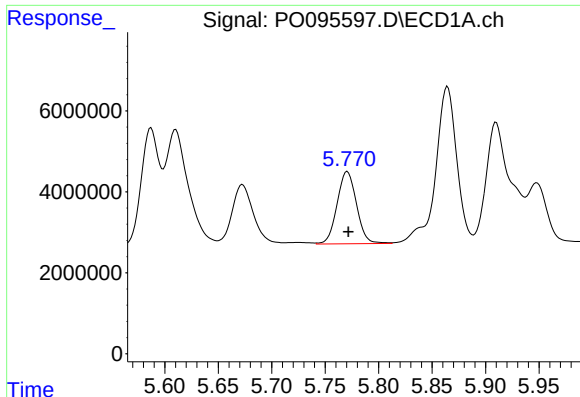
#18 AR-1242-3

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 20659812
Conc: 260.85 ng/ml



#18 AR-1242-3

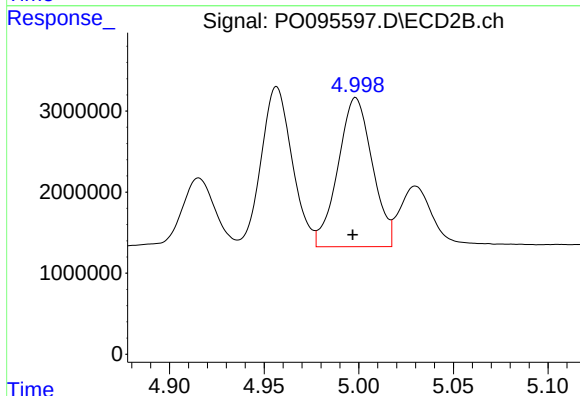
R.T.: 4.915 min
Delta R.T.: 0.003 min
Response: 10704144
Conc: 417.00 ng/ml



#19 AR-1242-4

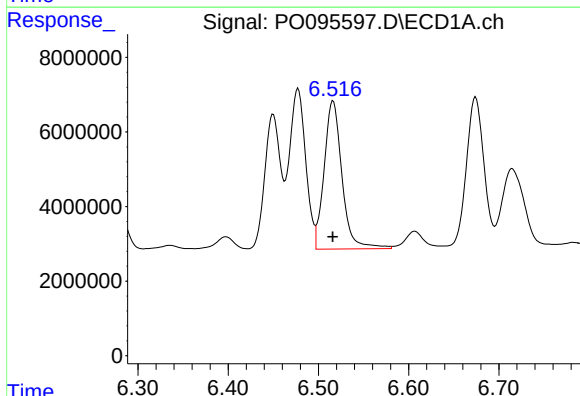
R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 22614073
Conc: 357.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



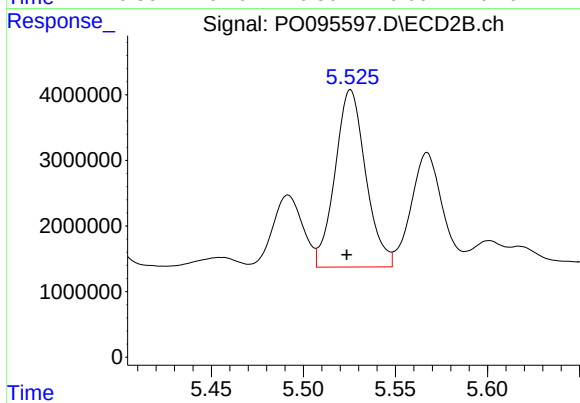
#19 AR-1242-4

R.T.: 4.998 min
Delta R.T.: 0.002 min
Response: 23208982
Conc: 798.65 ng/ml



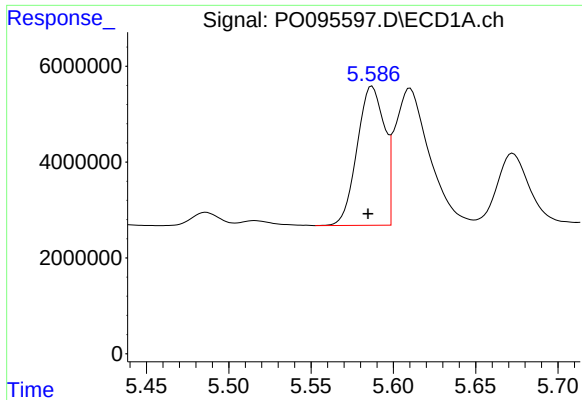
#20 AR-1242-5

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 54675443
Conc: 888.74 ng/ml



#20 AR-1242-5

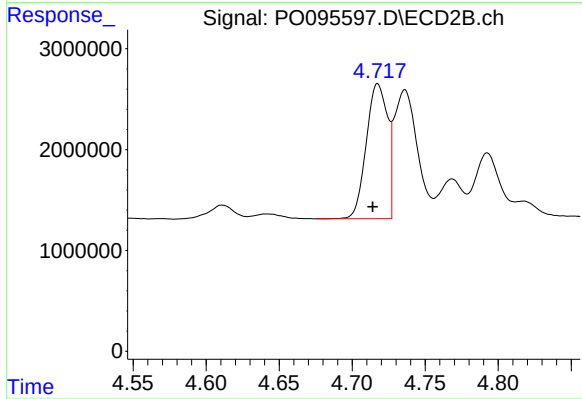
R.T.: 5.526 min
Delta R.T.: 0.002 min
Response: 31359462
Conc: 1077.89 ng/ml



#21 AR-1248-1

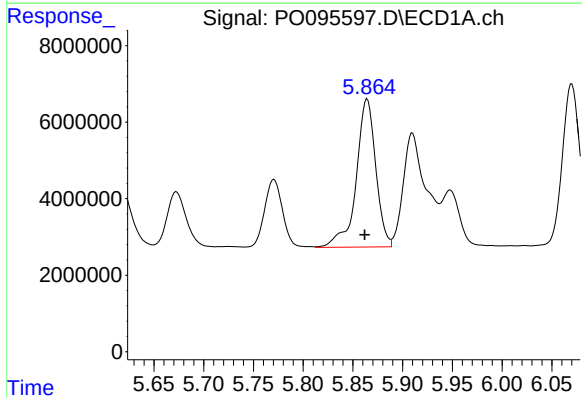
R.T.: 5.587 min
Delta R.T.: 0.002 min
Response: 33404243
Conc: 495.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



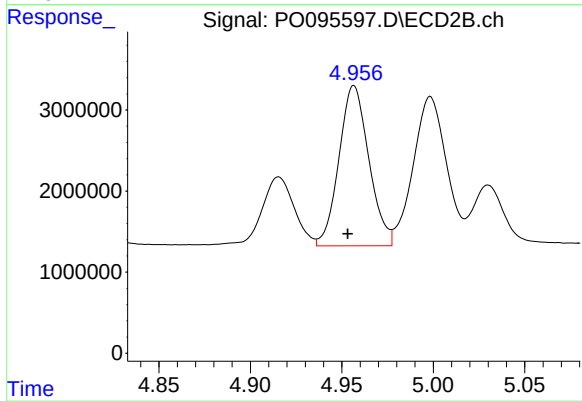
#21 AR-1248-1

R.T.: 4.718 min
Delta R.T.: 0.003 min
Response: 13566102
Conc: 527.95 ng/ml



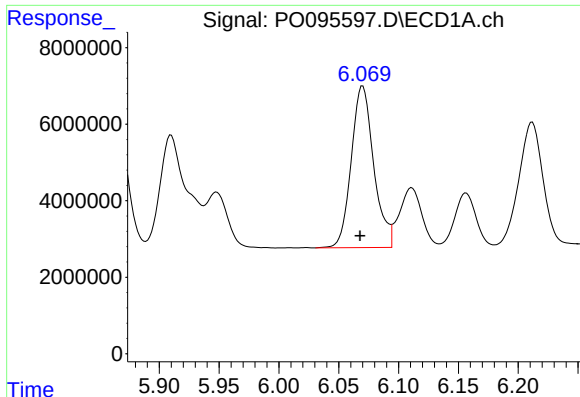
#22 AR-1248-2

R.T.: 5.864 min
Delta R.T.: 0.002 min
Response: 52954611
Conc: 489.20 ng/ml



#22 AR-1248-2

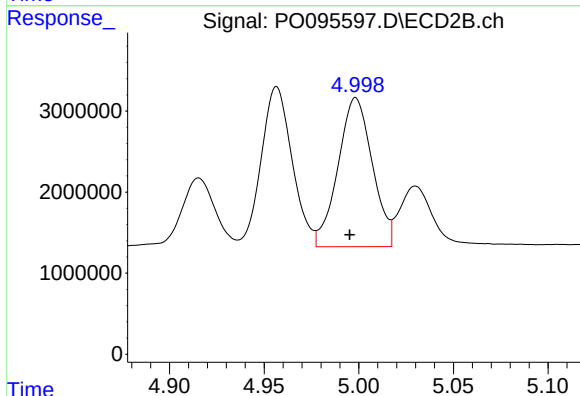
R.T.: 4.957 min
Delta R.T.: 0.003 min
Response: 22508377
Conc: 513.87 ng/ml



#23 AR-1248-3

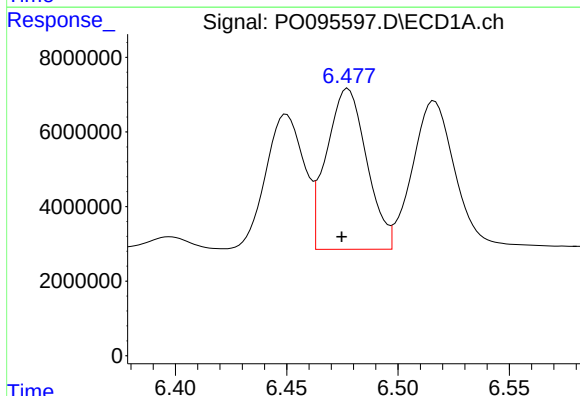
R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 55094088
Conc: 498.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



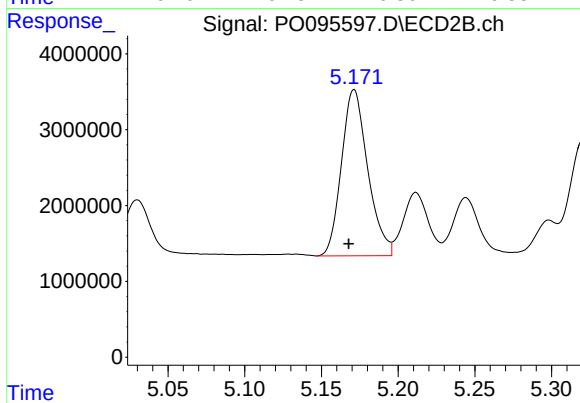
#23 AR-1248-3

R.T.: 4.998 min
Delta R.T.: 0.003 min
Response: 23208982
Conc: 514.23 ng/ml



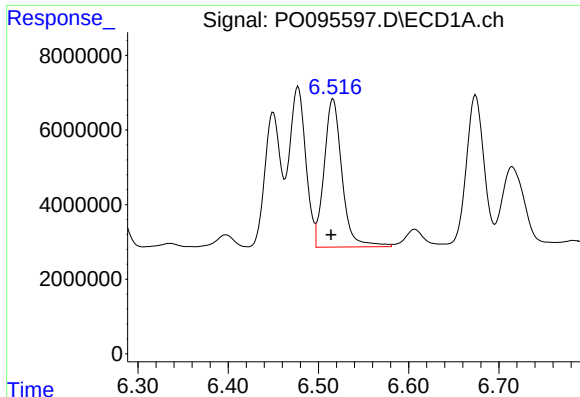
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: 0.003 min
Response: 54114760
Conc: 492.59 ng/ml



#24 AR-1248-4

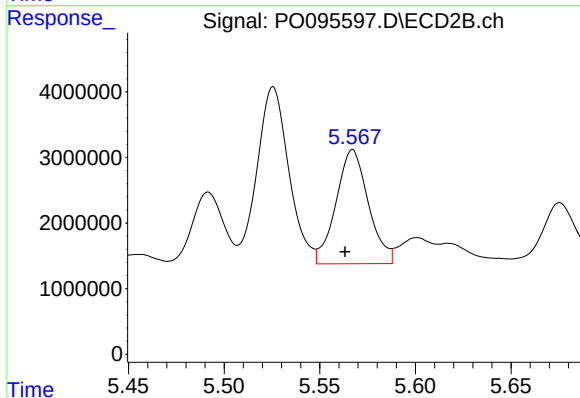
R.T.: 5.171 min
Delta R.T.: 0.003 min
Response: 26232472
Conc: 516.71 ng/ml



#25 AR-1248-5

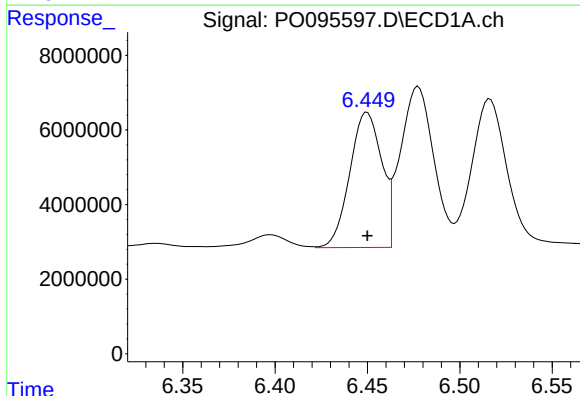
R.T.: 6.516 min
Delta R.T.: 0.002 min
Response: 54675443
Conc: 486.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



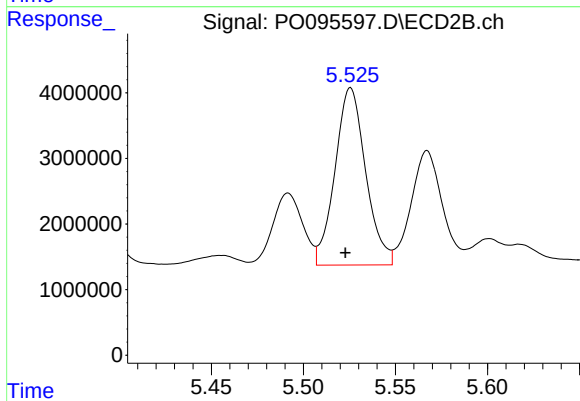
#25 AR-1248-5

R.T.: 5.567 min
Delta R.T.: 0.004 min
Response: 20547546
Conc: 533.56 ng/ml



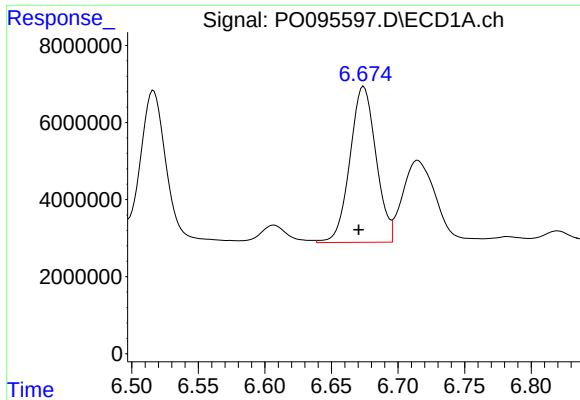
#26 AR-1254-1

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 43485764
Conc: 351.60 ng/ml



#26 AR-1254-1

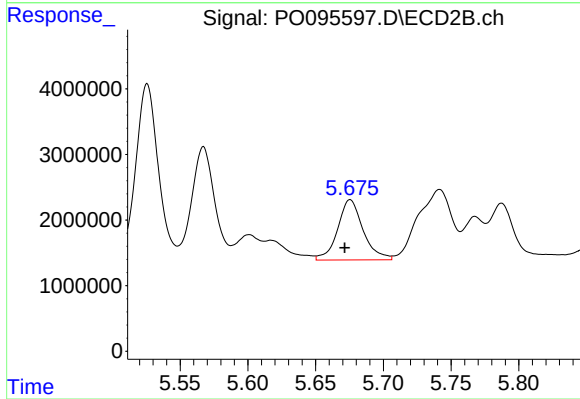
R.T.: 5.526 min
Delta R.T.: 0.003 min
Response: 31359462
Conc: 451.60 ng/ml



#27 AR-1254-2

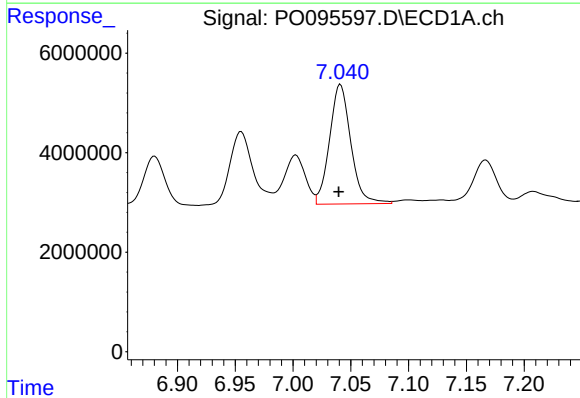
R.T.: 6.674 min
Delta R.T.: 0.004 min
Response: 55129845
Conc: 308.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



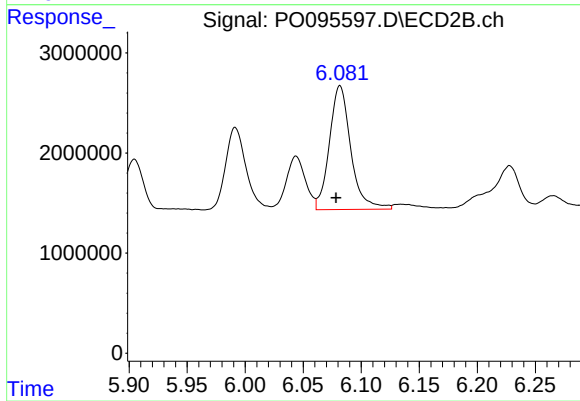
#27 AR-1254-2

R.T.: 5.676 min
Delta R.T.: 0.004 min
Response: 12047520
Conc: 188.87 ng/ml



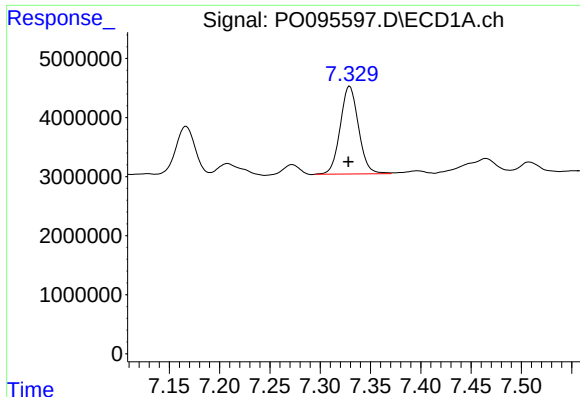
#28 AR-1254-3

R.T.: 7.041 min
Delta R.T.: 0.001 min
Response: 30774918
Conc: 177.49 ng/ml



#28 AR-1254-3

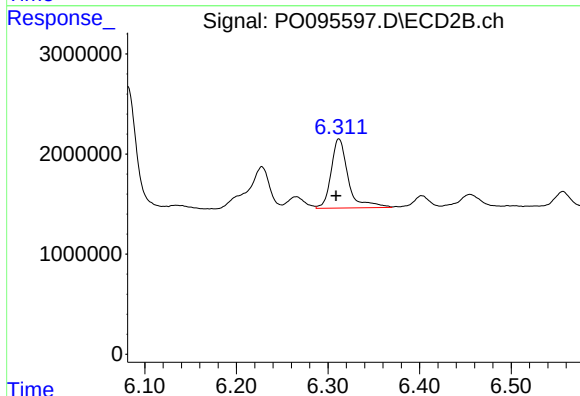
R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 15929115
Conc: 173.76 ng/ml



#29 AR-1254-4

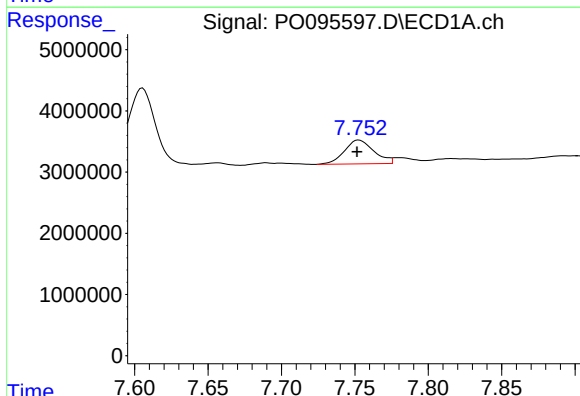
R.T.: 7.329 min
Delta R.T.: 0.001 min
Response: 18799318
Conc: 163.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



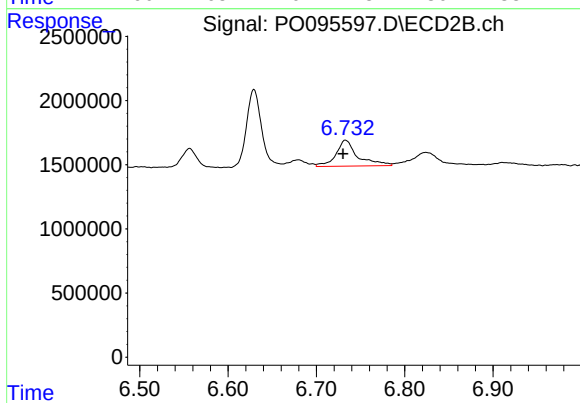
#29 AR-1254-4

R.T.: 6.312 min
Delta R.T.: 0.003 min
Response: 8966276
Conc: 210.21 ng/ml



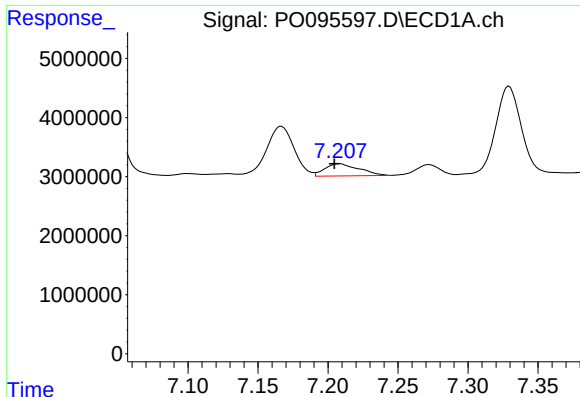
#30 AR-1254-5

R.T.: 7.753 min
Delta R.T.: 0.001 min
Response: 5442882
Conc: 39.47 ng/ml



#30 AR-1254-5

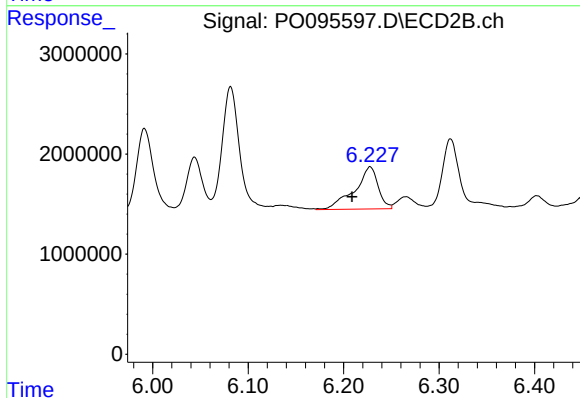
R.T.: 6.733 min
Delta R.T.: 0.003 min
Response: 3489388
Conc: 44.88 ng/ml



#31 AR-1260-1

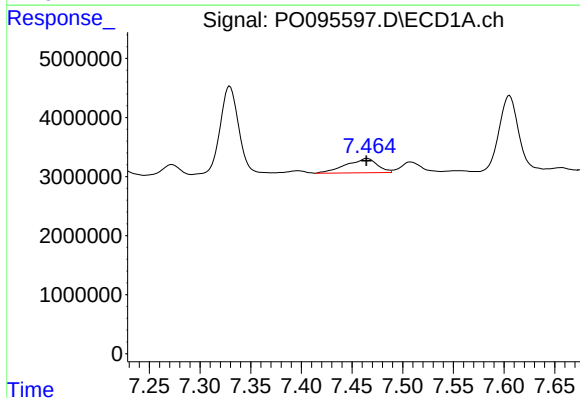
R.T.: 7.208 min
Delta R.T.: 0.003 min
Response: 3483173
Conc: 22.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



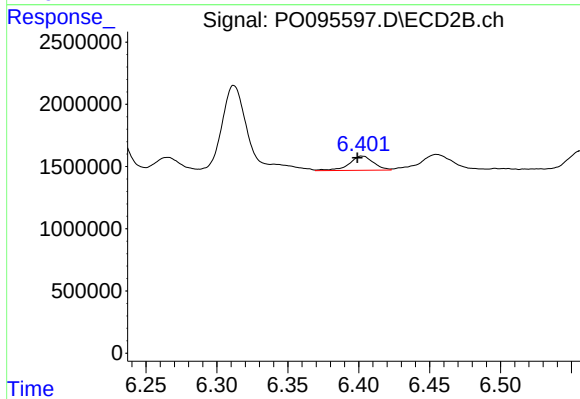
#31 AR-1260-1

R.T.: 6.228 min
Delta R.T.: 0.019 min
Response: 7257953
Conc: 95.23 ng/ml



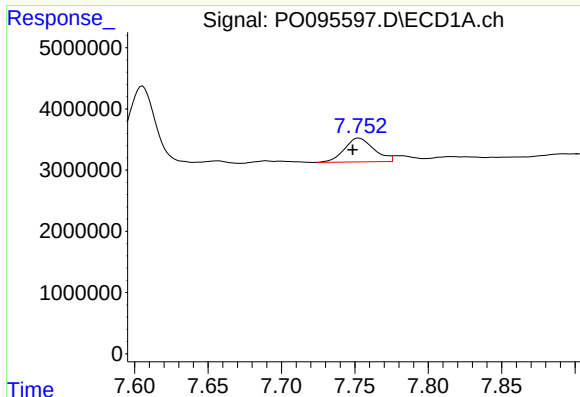
#32 AR-1260-2

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 5138446
Conc: 29.95 ng/ml



#32 AR-1260-2

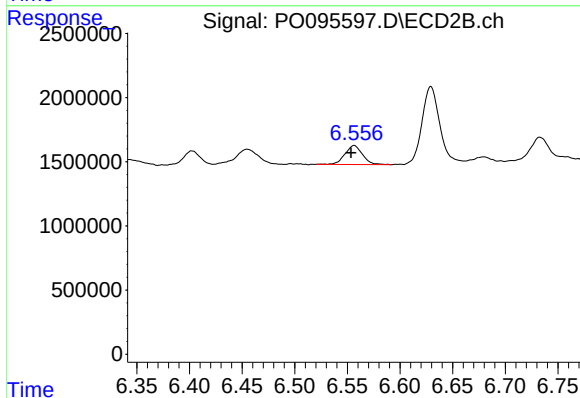
R.T.: 6.403 min
Delta R.T.: 0.003 min
Response: 1356312
Conc: 16.95 ng/ml



#33 AR-1260-3

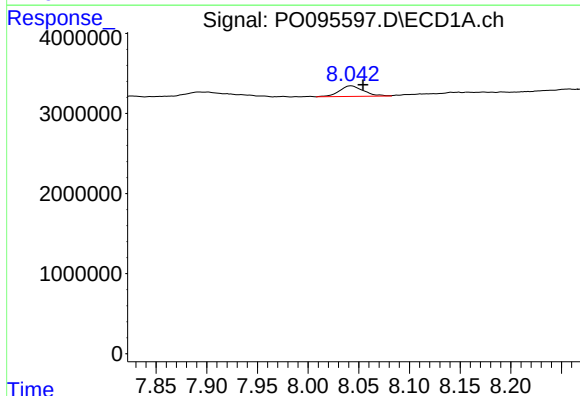
R.T.: 7.753 min
Delta R.T.: 0.004 min
Response: 5442882
Conc: 27.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



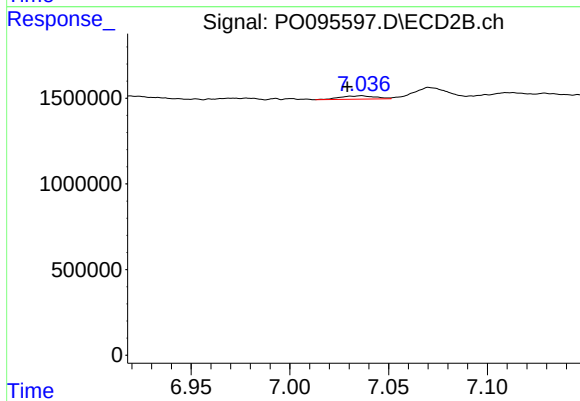
#33 AR-1260-3

R.T.: 6.556 min
Delta R.T.: 0.003 min
Response: 1740315
Conc: 22.45 ng/ml



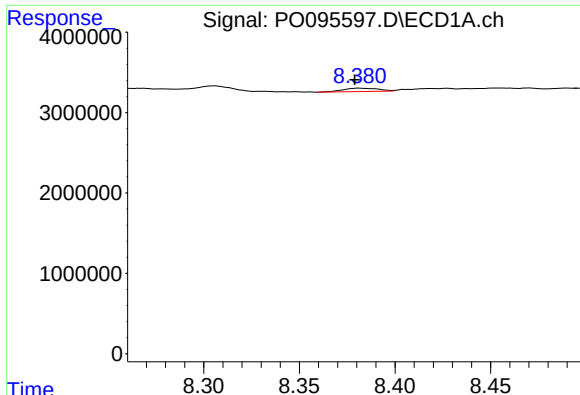
#34 AR-1260-4

R.T.: 8.042 min
Delta R.T.: -0.012 min
Response: 2178830
Conc: 17.09 ng/ml



#34 AR-1260-4

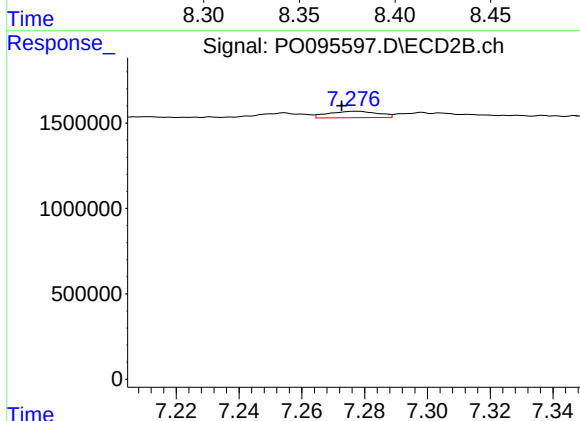
R.T.: 7.036 min
Delta R.T.: 0.007 min
Response: 237313
Conc: 4.42 ng/ml



#35 AR-1260-5

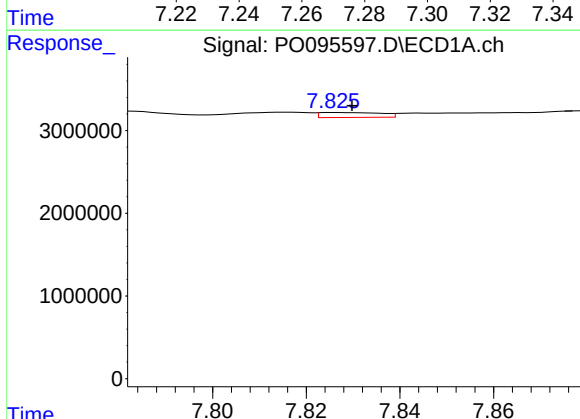
R.T.: 8.381 min
Delta R.T.: 0.002 min
Response: 542629
Conc: 2.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



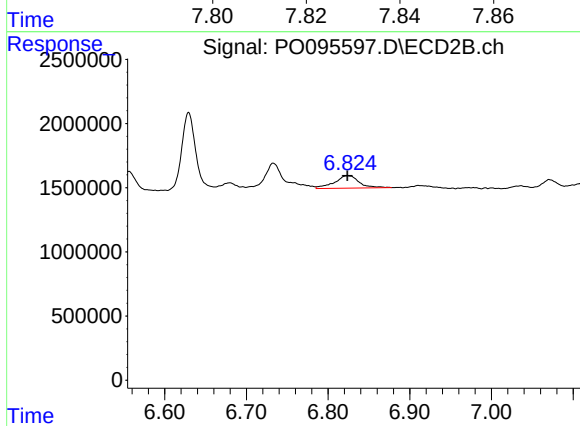
#35 AR-1260-5

R.T.: 7.277 min
Delta R.T.: 0.005 min
Response: 404621
Conc: 3.79 ng/ml



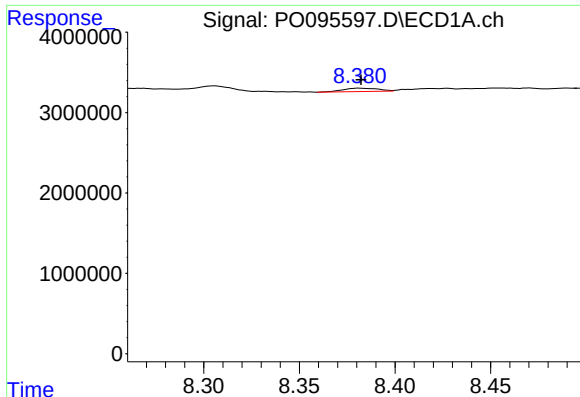
#36 AR-1262-1

R.T.: 7.826 min
Delta R.T.: -0.004 min
Response: 536421
Conc: 3.11 ng/ml



#36 AR-1262-1

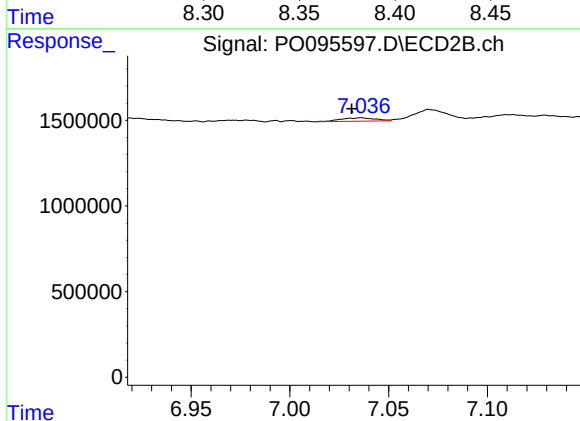
R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 2065756
Conc: 51.93 ng/ml



#37 AR-1262-2

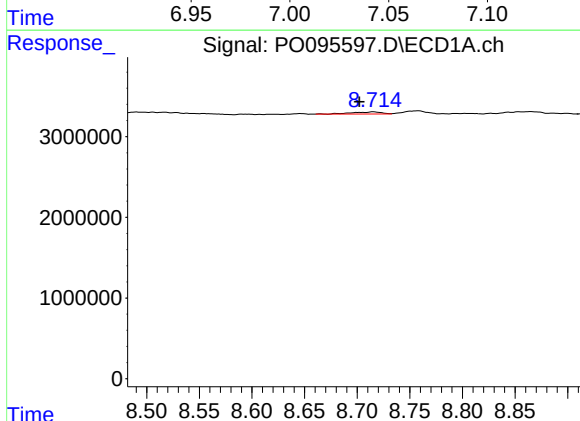
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 542629
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



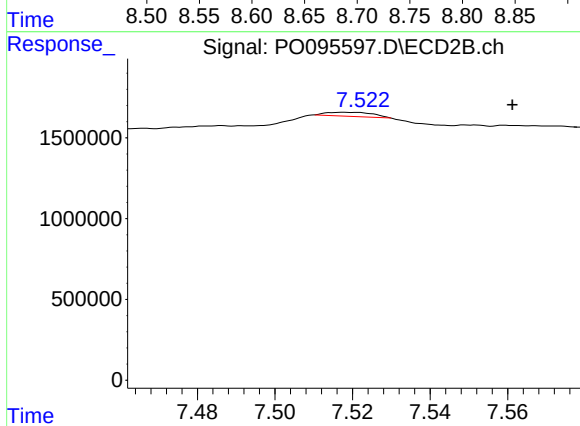
#37 AR-1262-2

R.T.: 7.036 min
Delta R.T.: 0.005 min
Response: 237313
Conc: 3.03 ng/ml



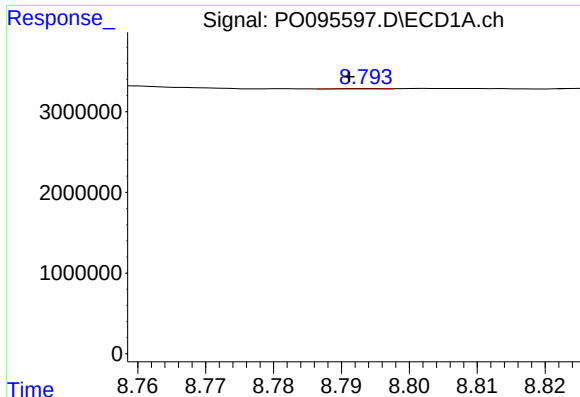
#38 AR-1262-3

R.T.: 8.715 min
Delta R.T.: 0.013 min
Response: 528365
Conc: 2.73 ng/ml



#38 AR-1262-3

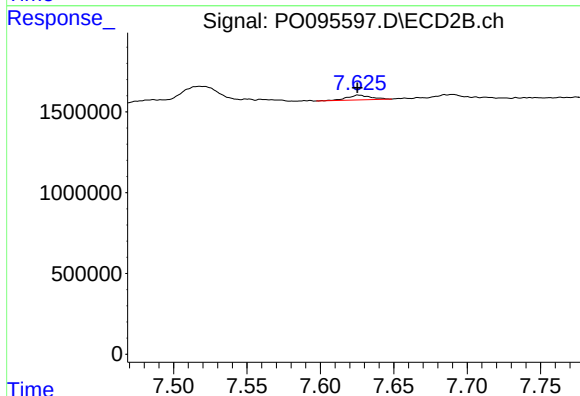
R.T.: 7.518 min
Delta R.T.: -0.043 min
Response: 205626
Conc: 3.50 ng/ml



#39 AR-1262-4

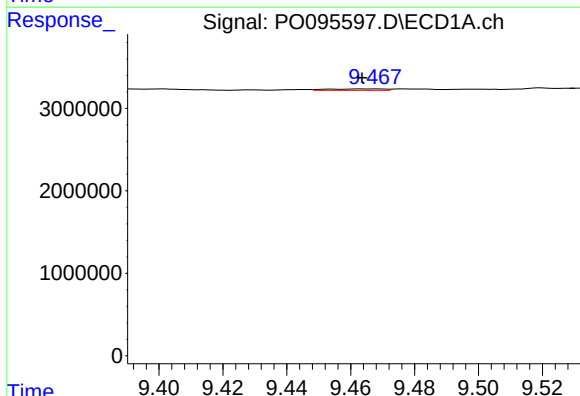
R.T.: 8.794 min
Delta R.T.: 0.003 min
Response: 31040
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



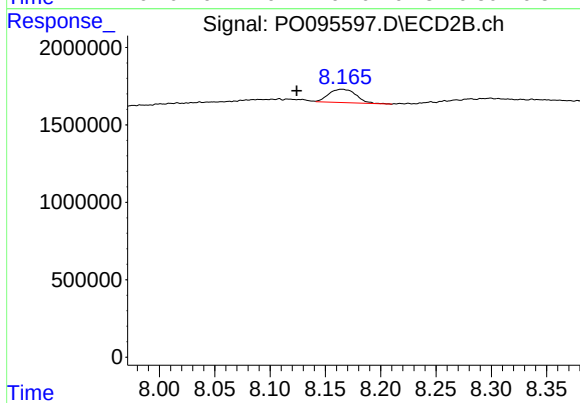
#39 AR-1262-4

R.T.: 7.626 min
Delta R.T.: 0.001 min
Response: 332633
Conc: 3.39 ng/ml



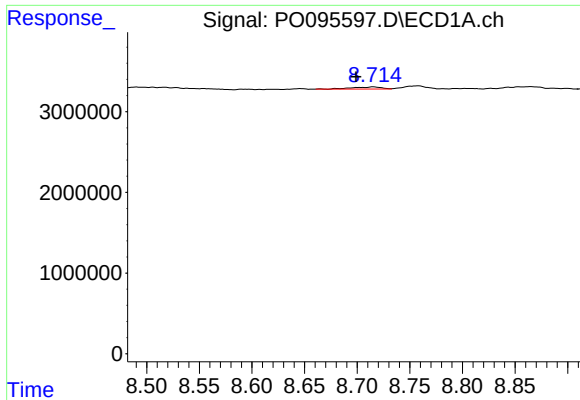
#40 AR-1262-5

R.T.: 9.468 min
Delta R.T.: 0.005 min
Response: 195678
Conc: 1.88 ng/ml



#40 AR-1262-5

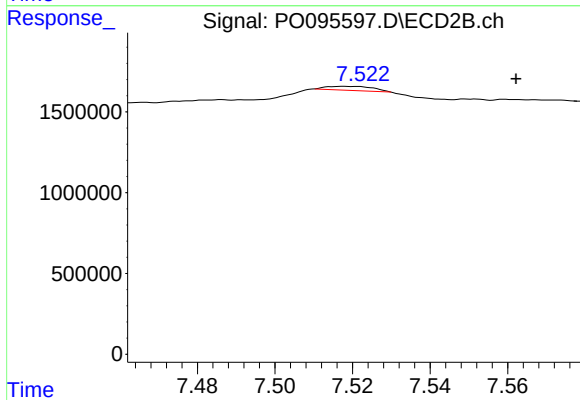
R.T.: 8.165 min
Delta R.T.: 0.041 min
Response: 1481302
Conc: 37.33 ng/ml



#41 AR-1268-1

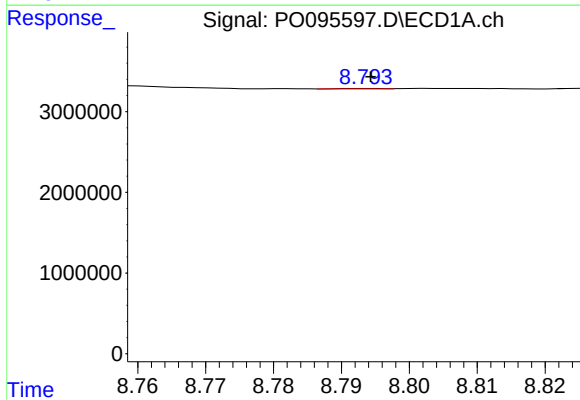
R.T.: 8.715 min
Delta R.T.: 0.016 min
Response: 528365
Conc: 1.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



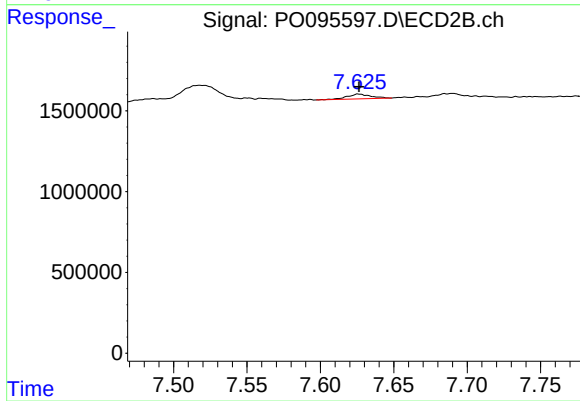
#41 AR-1268-1

R.T.: 7.518 min
Delta R.T.: -0.044 min
Response: 205626
Conc: 1.31 ng/ml



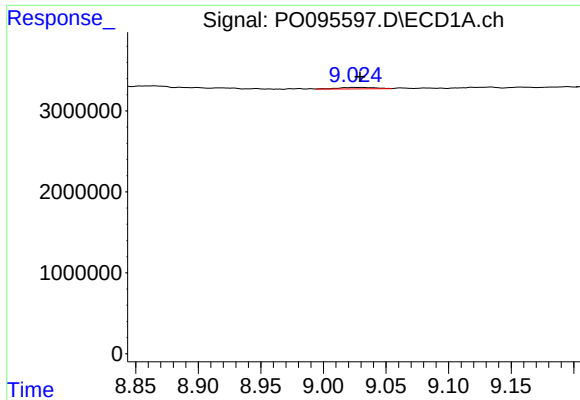
#42 AR-1268-2

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 31040
Conc: 0.10 ng/ml



#42 AR-1268-2

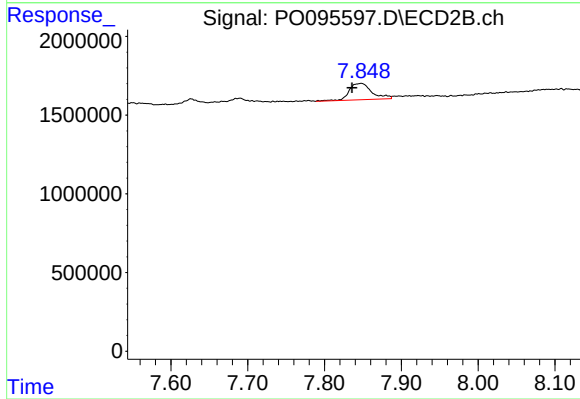
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 332633
Conc: 2.34 ng/ml



#43 AR-1268-3

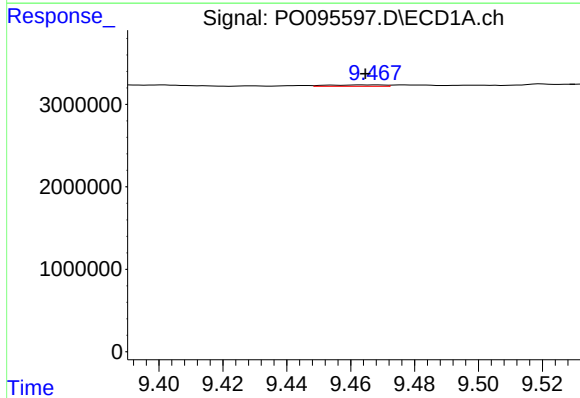
R.T.: 9.024 min
Delta R.T.: -0.005 min
Response: 392357
Conc: 1.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



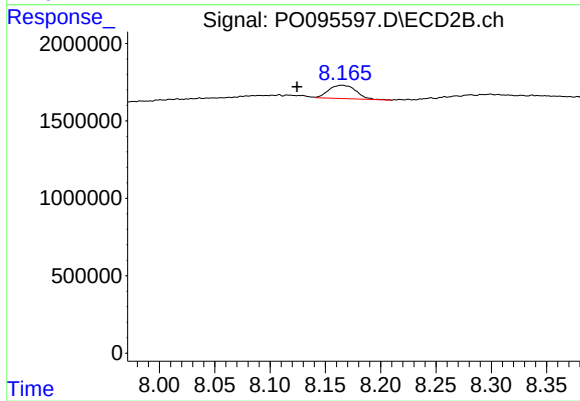
#43 AR-1268-3

R.T.: 7.848 min
Delta R.T.: 0.012 min
Response: 2130003
Conc: 15.34 ng/ml



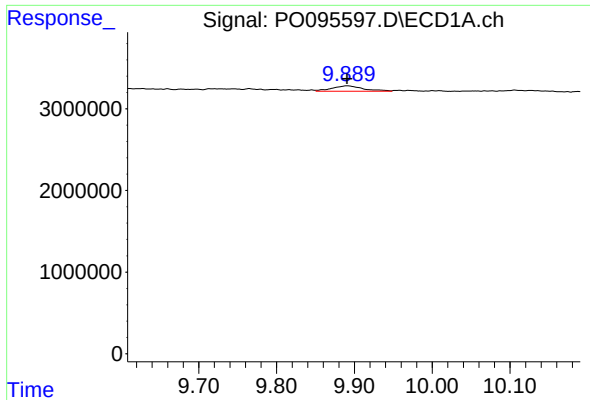
#44 AR-1268-4

R.T.: 9.468 min
Delta R.T.: 0.004 min
Response: 195678
Conc: 1.68 ng/ml



#44 AR-1268-4

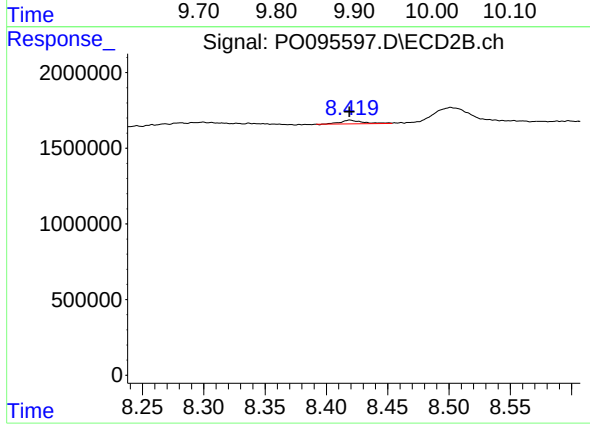
R.T.: 8.165 min
Delta R.T.: 0.041 min
Response: 1481302
Conc: 31.68 ng/ml



#45 AR-1268-5

R.T.: 9.891 min
Delta R.T.: 0.000 min
Response: 1838040
Conc: 2.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 296522
Conc: 0.76 ng/ml