

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0033123\
 Data File : P0093687.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 16:17
 Operator : YP/AJ
 Sample : 02127-08 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 22:13:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.423	3.629	5382889	1831559	1.719	1.624
2)	SA Decachlor...	10.249	8.652	3970892	1794797	1.835	1.833
Target Compounds							
3)	L1 AR-1016-1	5.599	4.712	3557782	1675702	37.234	46.813 #
4)	L1 AR-1016-2	5.625	4.730	5264915	1658558	36.871	31.959
5)	L1 AR-1016-3	5.685	4.907	3093764	805992	34.097	29.134
6)	L1 AR-1016-4	5.782	4.949	1887753	23282406	27.863	936.397 #
7)	L1 AR-1016-5	6.081	5.162	26440864	12187698	353.147	385.092
8)	L2 AR-1221-1	4.628	0.000	545423	0	13.493	N.D. #
9)	L2 AR-1221-2	4.719	3.927	718878	335520	23.722	30.723 #
10)	L2 AR-1221-3	4.796	4.003	2451772	1085456	26.818	31.862
11)	L3 AR-1232-1	4.796	4.003	2451772	1085456	33.582	38.431
12)	L3 AR-1232-2	5.330	4.730	2473483	1658558	68.791	67.311
13)	L3 AR-1232-3	5.625	4.907	5264915	805992	80.424	63.706
14)	L3 AR-1232-4	5.782	4.990	1887753	6695421	61.657	522.768 #
15)	L3 AR-1232-5	5.875	5.162	50642415	12187698	1825.043	869.053 #
16)	L4 AR-1242-1	5.599	4.730	3557782	1658558	43.407	54.582 #
17)	L4 AR-1242-2	5.625	4.730	5264915	1658558	43.866	37.357
18)	L4 AR-1242-3	5.685	4.907	3093764	805992	40.311	34.474
19)	L4 AR-1242-4	5.782	4.990	1887753	6695421	32.940	257.021 #
20)	L4 AR-1242-5	6.531	5.515	19802398	41873825	316.889	1465.806 #
21)	L5 AR-1248-1	5.599	4.712	3557782	1675702	57.232	72.006 #
22)	L5 AR-1248-2	5.875	4.949	50642415	23282406	530.232	642.441
23)	L5 AR-1248-3	6.081	4.990	26440864	6695421	254.095	178.418 #
24)	L5 AR-1248-4	6.488	5.162	26373264	12187698	258.990	283.293
25)	L5 AR-1248-5	6.531	5.555	19802398	4115078	193.460	111.891 #
26)	L6 AR-1254-1	6.462	5.515	68794648	41873825	588.692	667.166
27)	L6 AR-1254-2	6.682	5.663	94918831	34480316	555.511	611.877
28)	L6 AR-1254-3	7.052	6.067	77562157	43283225	466.573	502.744
29)	L6 AR-1254-4	7.339	6.298	46600227	21451107	437.156	469.073
30)	L6 AR-1254-5	7.763	6.716	53313233	29996203	393.721	406.167
31)	L7 AR-1260-1	7.217	6.199	36382970	22891531	280.835	376.515 #
32)	L7 AR-1260-2	7.476	6.387	33230360	17141508	225.100	237.099
33)	L7 AR-1260-3	7.823	6.540	9682188	15304350	86.079	228.872 #
34)	L7 AR-1260-4	8.053	7.014	17815272	1711747	138.924	31.105 #
35)	L7 AR-1260-5	8.393	7.258	8670819	3559823	38.807	30.237
36)	L8 AR-1262-1	7.763	6.716	53313233	29996203	536.331	802.712 #
37)	L8 AR-1262-2	8.393	7.258	8670819	3559823	36.535	29.894
38)	L8 AR-1262-3	8.725	7.604	5033853	2878920	29.807	31.852
39)	L8 AR-1262-4	8.808	7.604	150586	2878920	1.681	31.852 #
40)	L8 AR-1262-5	9.477	0.000	1578873	0	16.531	N.D. #
41)	L9 AR-1268-1	8.725	7.604f	5033853	2878920	15.764	18.396

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 Operator : YP/AJ
 Sample : 02127-08 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

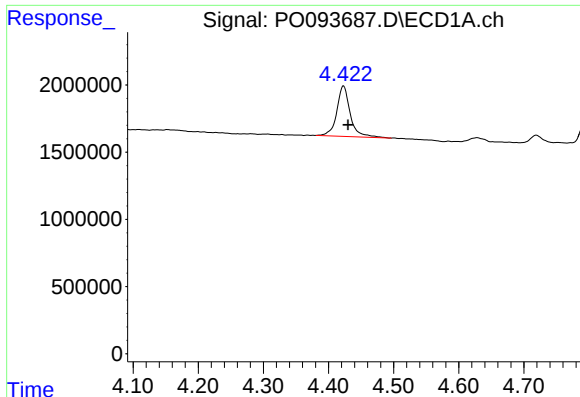
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 22:13:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.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	8.808	7.604	150586	2878920	0.519	20.620 #
43) L9	AR-1268-3	9.059	0.000	188617	0	0.739	N.D. #
44) L9	AR-1268-4	9.477	0.000	1578873	0	14.784	N.D. #
45) L9	AR-1268-5	9.960f	0.000	47738	0	0.059	N.D. #

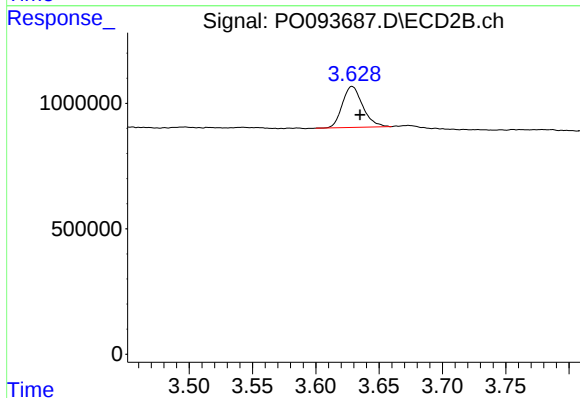
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

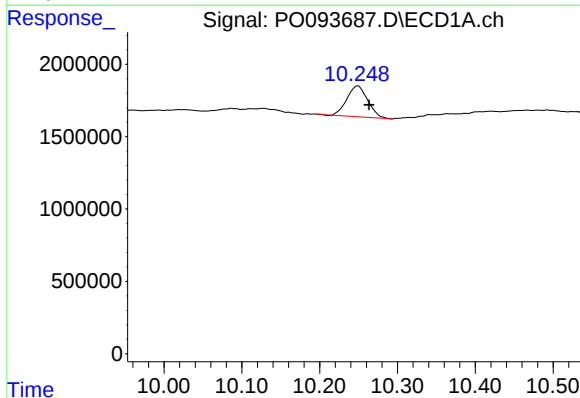
R.T.: 4.423 min
Delta R.T.: -0.007 min
Response: 5382889
Conc: 1.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



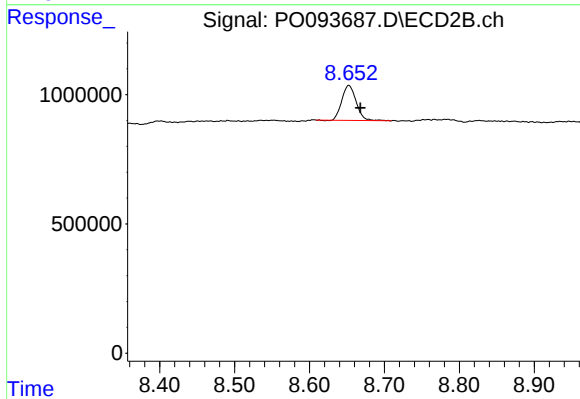
#1 Tetrachloro-m-xylene

R.T.: 3.629 min
Delta R.T.: -0.006 min
Response: 1831559
Conc: 1.62 ng/ml



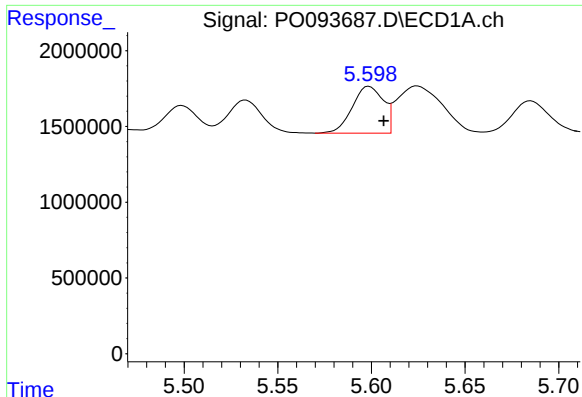
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.014 min
Response: 3970892
Conc: 1.83 ng/ml



#2 Decachlorobiphenyl

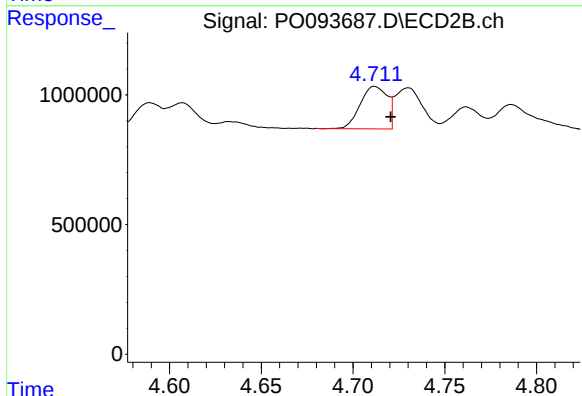
R.T.: 8.652 min
Delta R.T.: -0.016 min
Response: 1794797
Conc: 1.83 ng/ml



#3 AR-1016-1

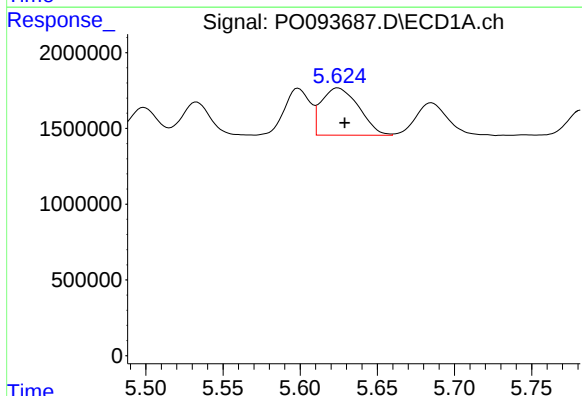
R.T.: 5.599 min
Delta R.T.: -0.008 min
Response: 3557782
Conc: 37.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



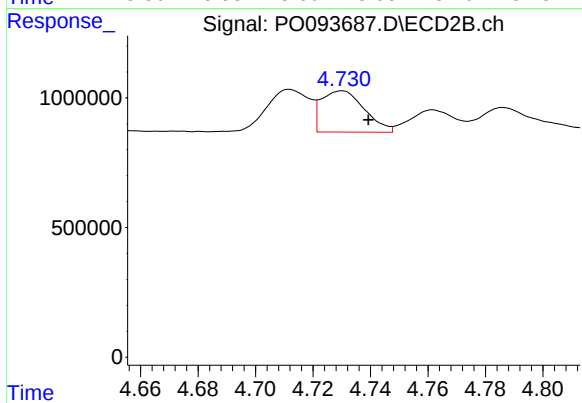
#3 AR-1016-1

R.T.: 4.712 min
Delta R.T.: -0.009 min
Response: 1675702
Conc: 46.81 ng/ml



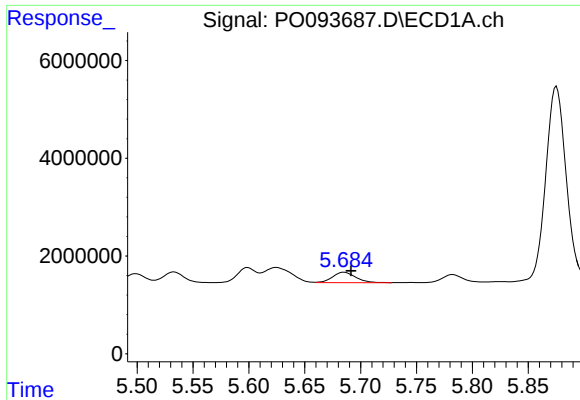
#4 AR-1016-2

R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 5264915
Conc: 36.87 ng/ml



#4 AR-1016-2

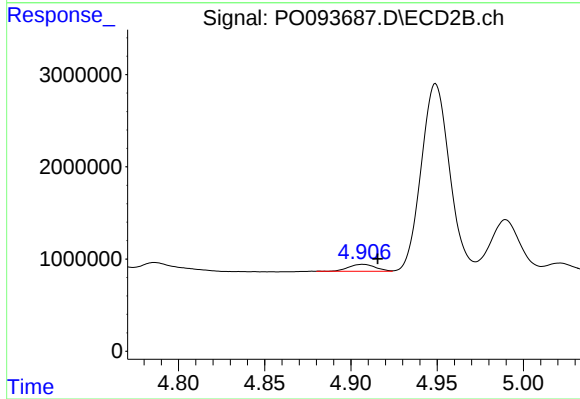
R.T.: 4.730 min
Delta R.T.: -0.009 min
Response: 1658558
Conc: 31.96 ng/ml



#5 AR-1016-3

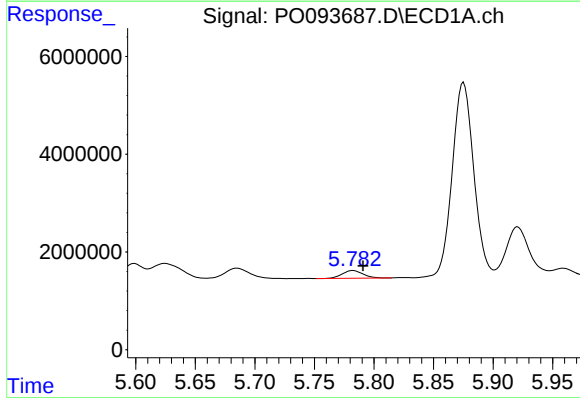
R.T.: 5.685 min
Delta R.T.: -0.006 min
Response: 3093764
Conc: 34.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



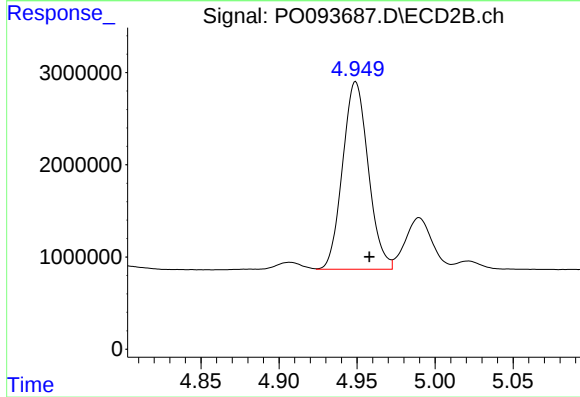
#5 AR-1016-3

R.T.: 4.907 min
Delta R.T.: -0.009 min
Response: 805992
Conc: 29.13 ng/ml



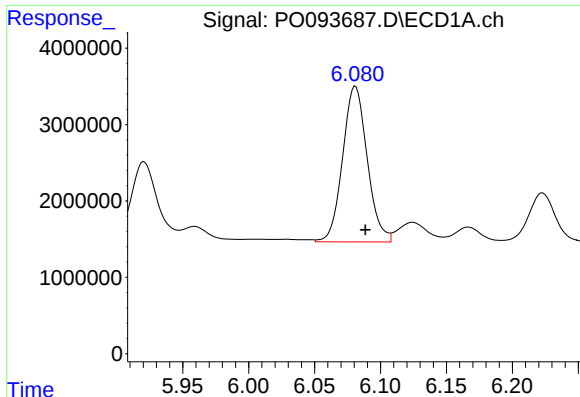
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 1887753
Conc: 27.86 ng/ml



#6 AR-1016-4

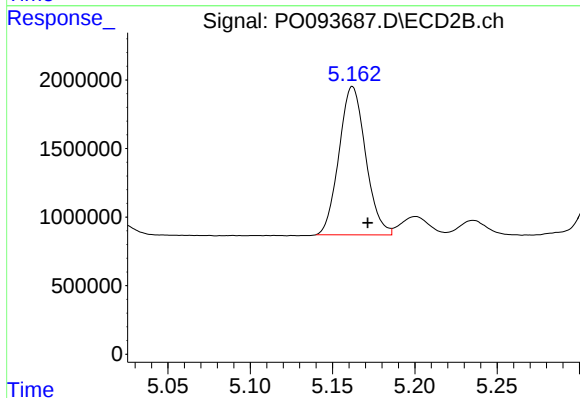
R.T.: 4.949 min
Delta R.T.: -0.009 min
Response: 23282406
Conc: 936.40 ng/ml



#7 AR-1016-5

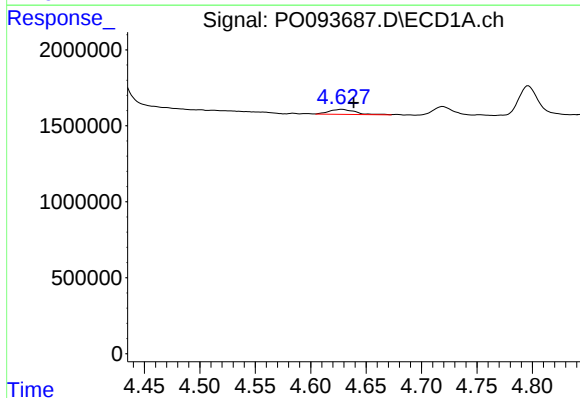
R.T.: 6.081 min
Delta R.T.: -0.008 min
Response: 26440864
Conc: 353.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



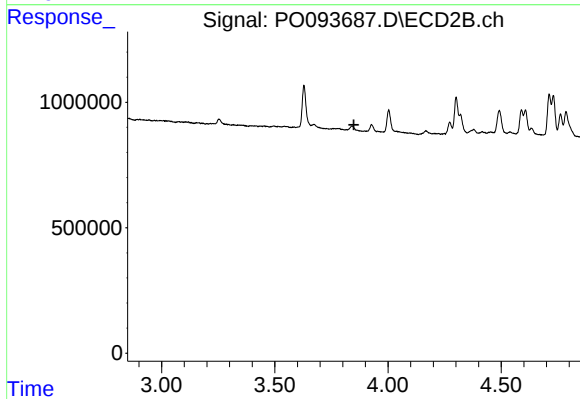
#7 AR-1016-5

R.T.: 5.162 min
Delta R.T.: -0.009 min
Response: 12187698
Conc: 385.09 ng/ml



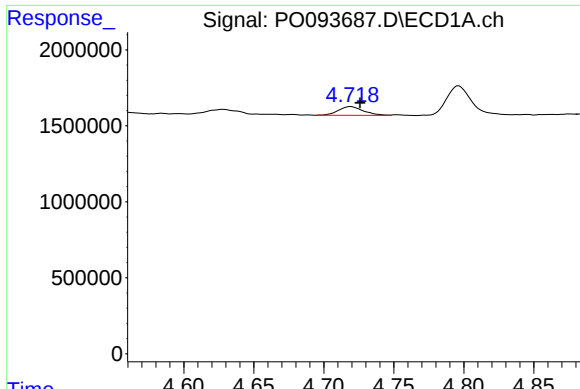
#8 AR-1221-1

R.T.: 4.628 min
Delta R.T.: -0.011 min
Response: 545423
Conc: 13.49 ng/ml



#8 AR-1221-1

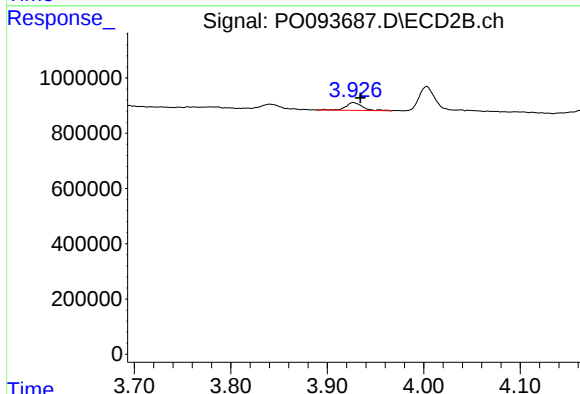
R.T.: 0.000 min
Exp R.T.: 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

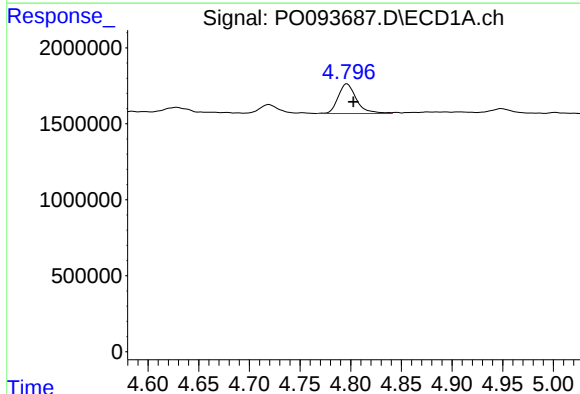
R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 718878
Conc: 23.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



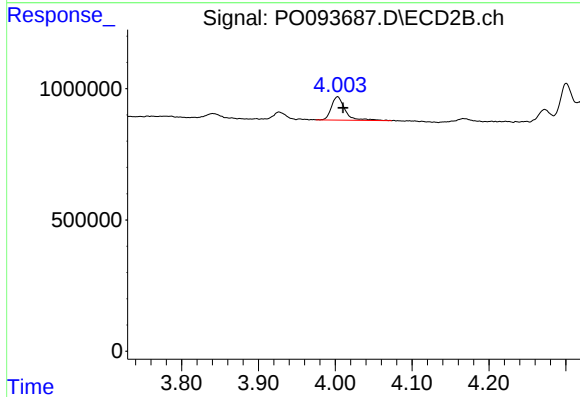
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: -0.007 min
Response: 335520
Conc: 30.72 ng/ml



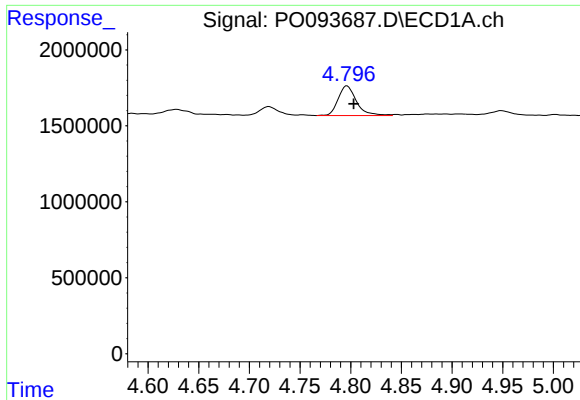
#10 AR-1221-3

R.T.: 4.796 min
Delta R.T.: -0.006 min
Response: 2451772
Conc: 26.82 ng/ml



#10 AR-1221-3

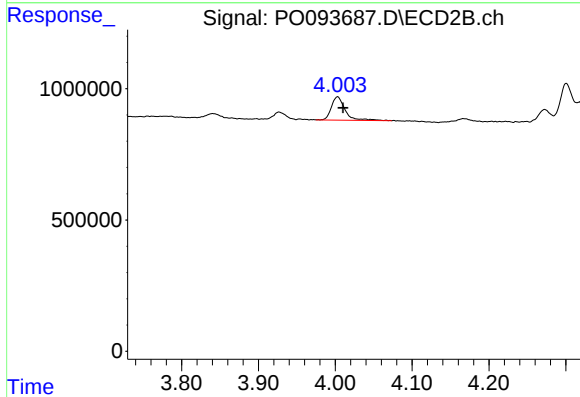
R.T.: 4.003 min
Delta R.T.: -0.007 min
Response: 1085456
Conc: 31.86 ng/ml



#11 AR-1232-1

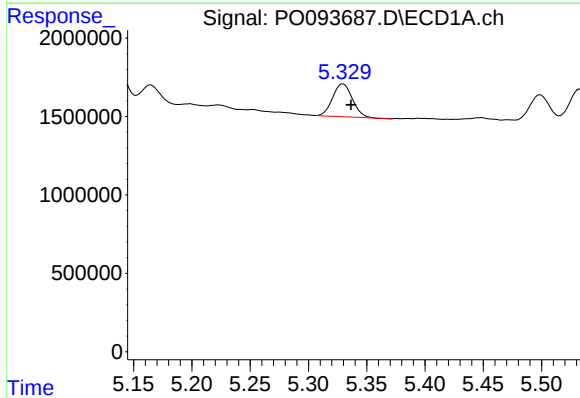
R.T.: 4.796 min
Delta R.T.: -0.007 min
Response: 2451772
Conc: 33.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



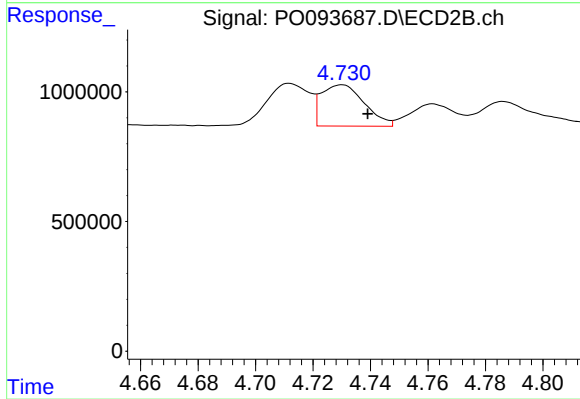
#11 AR-1232-1

R.T.: 4.003 min
Delta R.T.: -0.007 min
Response: 1085456
Conc: 38.43 ng/ml



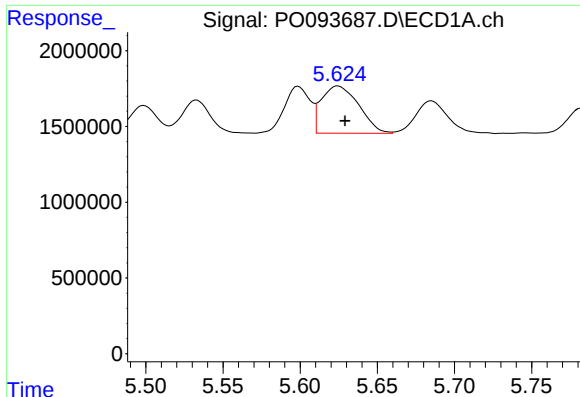
#12 AR-1232-2

R.T.: 5.330 min
Delta R.T.: -0.007 min
Response: 2473483
Conc: 68.79 ng/ml



#12 AR-1232-2

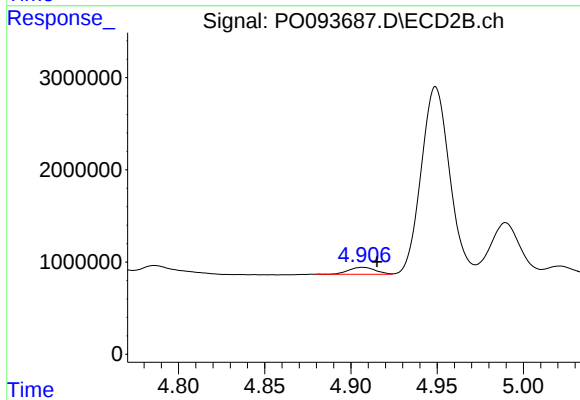
R.T.: 4.730 min
Delta R.T.: -0.009 min
Response: 1658558
Conc: 67.31 ng/ml



#13 AR-1232-3

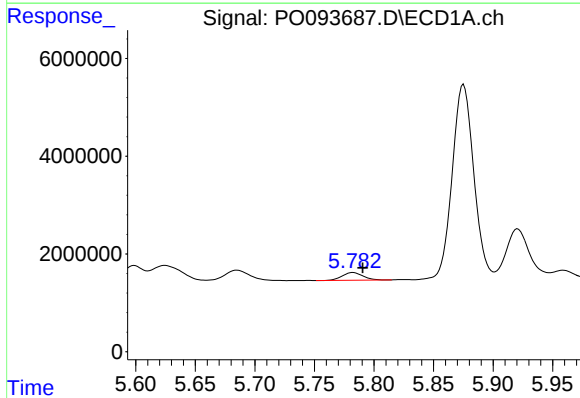
R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 5264915
Conc: 80.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



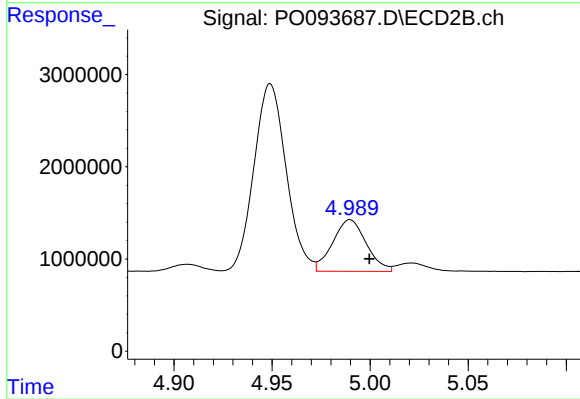
#13 AR-1232-3

R.T.: 4.907 min
Delta R.T.: -0.008 min
Response: 805992
Conc: 63.71 ng/ml



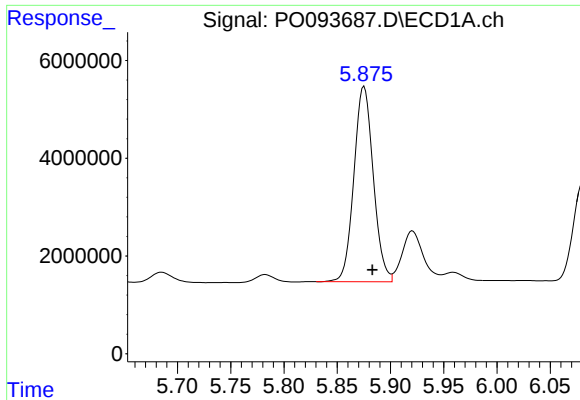
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: -0.008 min
Response: 1887753
Conc: 61.66 ng/ml



#14 AR-1232-4

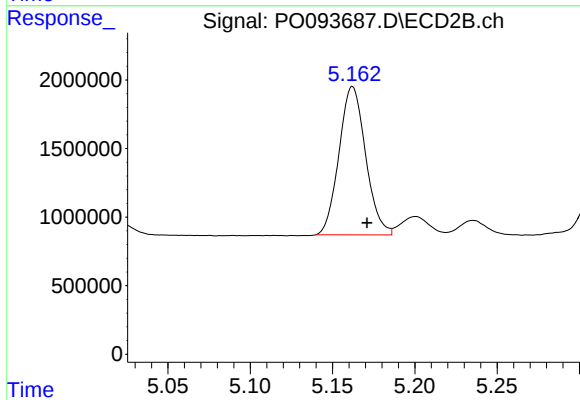
R.T.: 4.990 min
Delta R.T.: -0.010 min
Response: 6695421
Conc: 522.77 ng/ml



#15 AR-1232-5

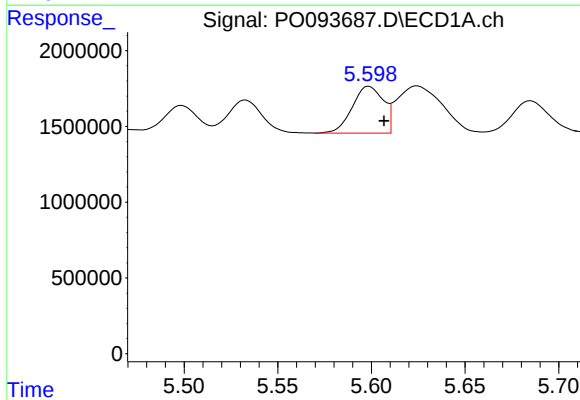
R.T.: 5.875 min
Delta R.T.: -0.008 min
Response: 50642415
Conc: 1825.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



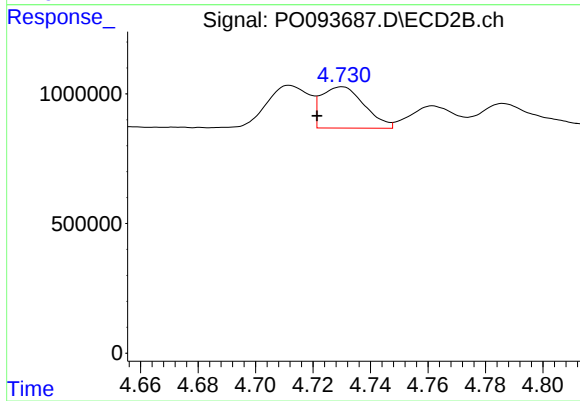
#15 AR-1232-5

R.T.: 5.162 min
Delta R.T.: -0.009 min
Response: 12187698
Conc: 869.05 ng/ml



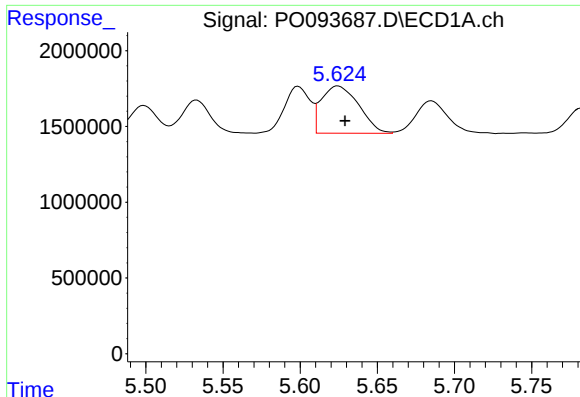
#16 AR-1242-1

R.T.: 5.599 min
Delta R.T.: -0.008 min
Response: 3557782
Conc: 43.41 ng/ml



#16 AR-1242-1

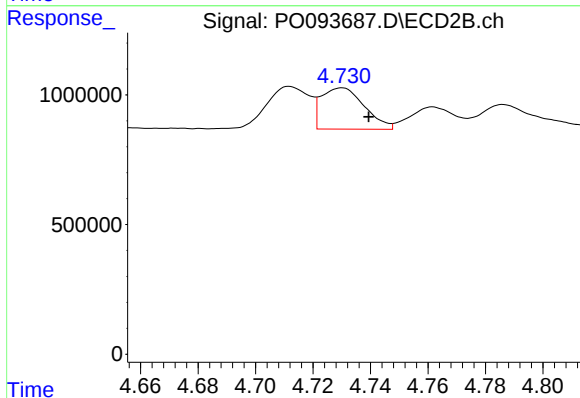
R.T.: 4.730 min
Delta R.T.: 0.009 min
Response: 1658558
Conc: 54.58 ng/ml



#17 AR-1242-2

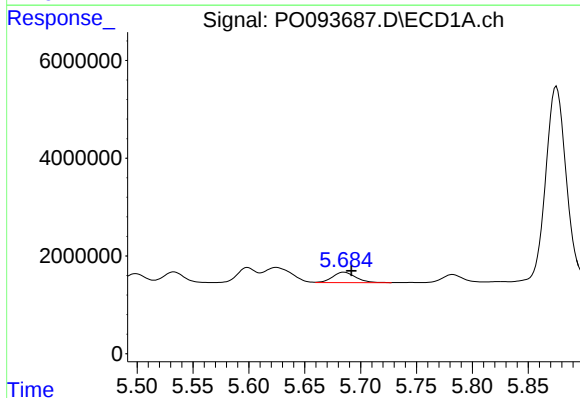
R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 5264915
Conc: 43.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



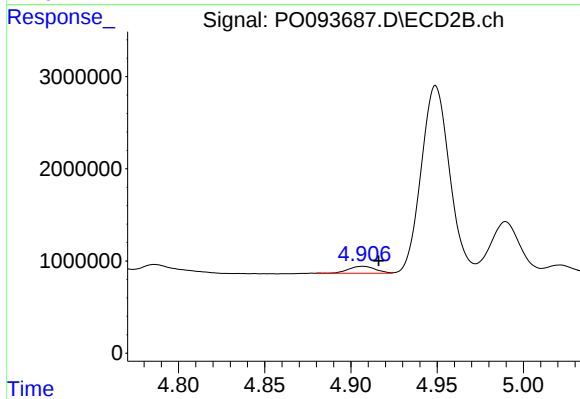
#17 AR-1242-2

R.T.: 4.730 min
Delta R.T.: -0.009 min
Response: 1658558
Conc: 37.36 ng/ml



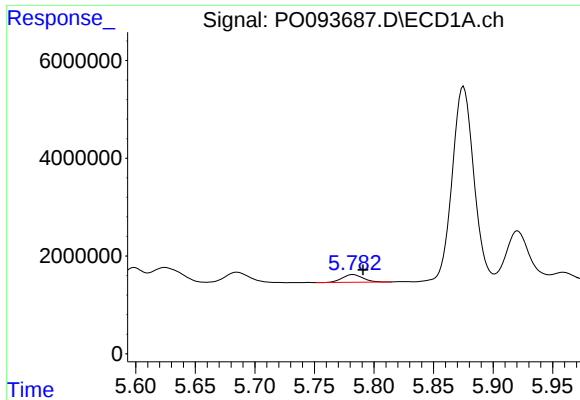
#18 AR-1242-3

R.T.: 5.685 min
Delta R.T.: -0.007 min
Response: 3093764
Conc: 40.31 ng/ml



#18 AR-1242-3

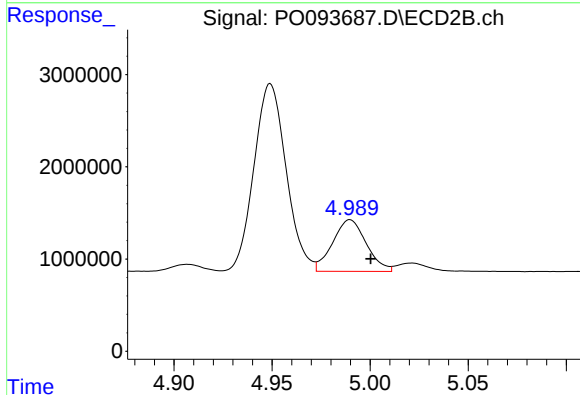
R.T.: 4.907 min
Delta R.T.: -0.009 min
Response: 805992
Conc: 34.47 ng/ml



#19 AR-1242-4

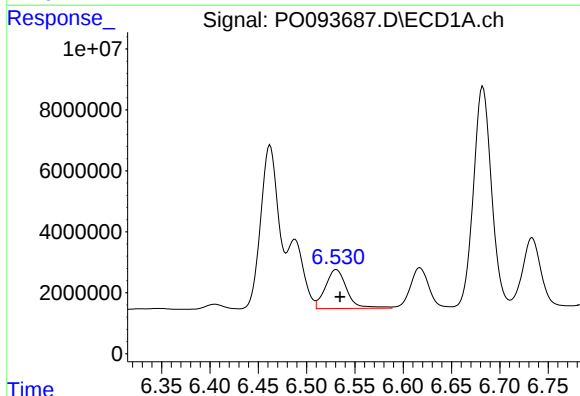
R.T.: 5.782 min
Delta R.T.: -0.008 min
Response: 1887753
Conc: 32.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



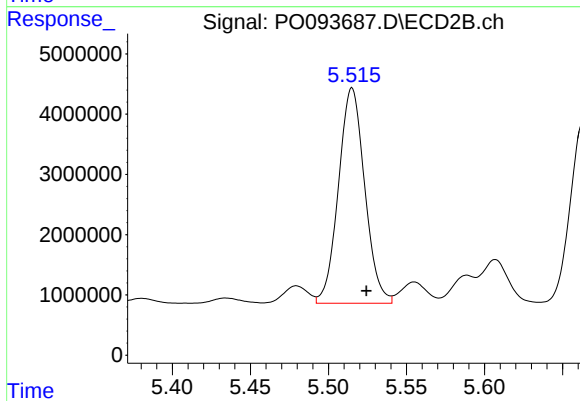
#19 AR-1242-4

R.T.: 4.990 min
Delta R.T.: -0.011 min
Response: 6695421
Conc: 257.02 ng/ml



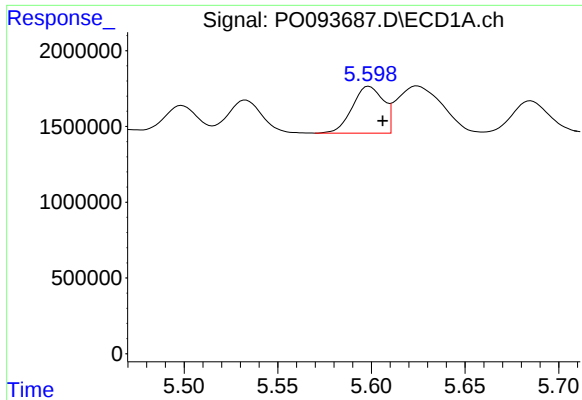
#20 AR-1242-5

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 19802398
Conc: 316.89 ng/ml



#20 AR-1242-5

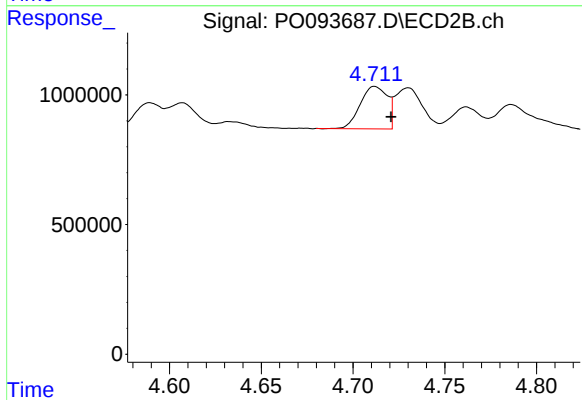
R.T.: 5.515 min
Delta R.T.: -0.009 min
Response: 41873825
Conc: 1465.81 ng/ml



#21 AR-1248-1

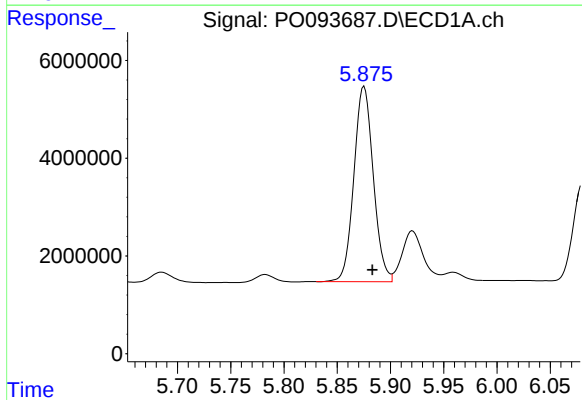
R.T.: 5.599 min
Delta R.T.: -0.007 min
Response: 3557782
Conc: 57.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



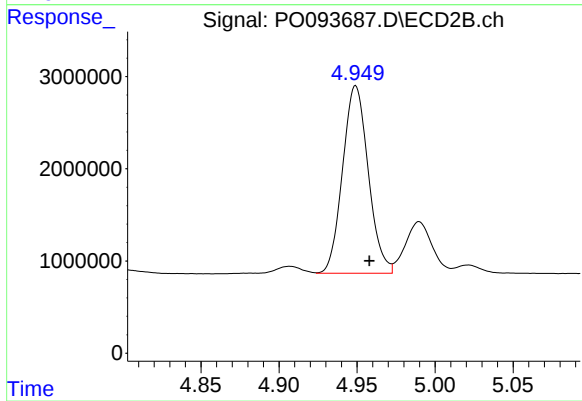
#21 AR-1248-1

R.T.: 4.712 min
Delta R.T.: -0.009 min
Response: 1675702
Conc: 72.01 ng/ml



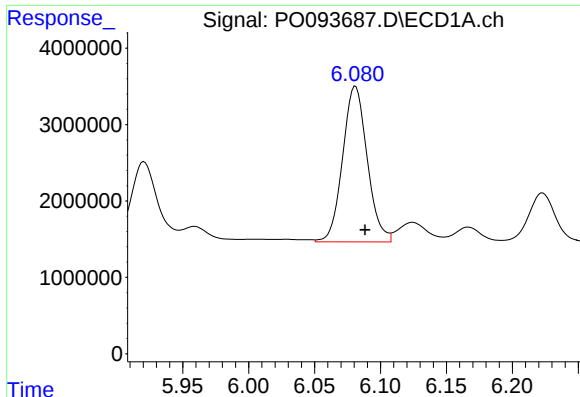
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: -0.008 min
Response: 50642415
Conc: 530.23 ng/ml



#22 AR-1248-2

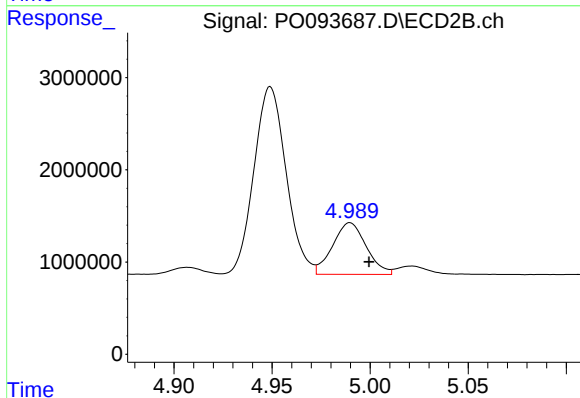
R.T.: 4.949 min
Delta R.T.: -0.009 min
Response: 23282406
Conc: 642.44 ng/ml



#23 AR-1248-3

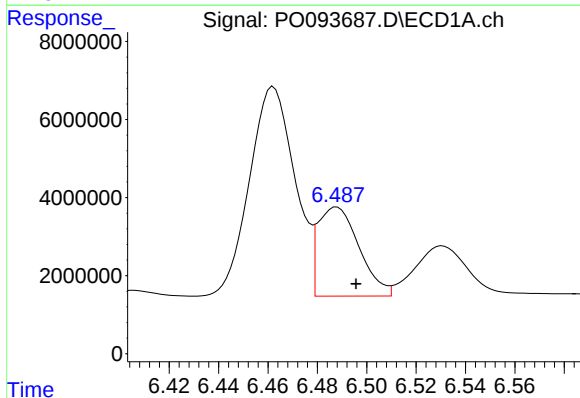
R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 26440864
Conc: 254.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



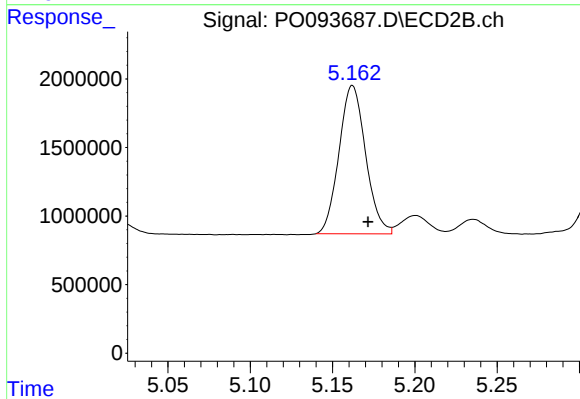
#23 AR-1248-3

R.T.: 4.990 min
Delta R.T.: -0.010 min
Response: 6695421
Conc: 178.42 ng/ml



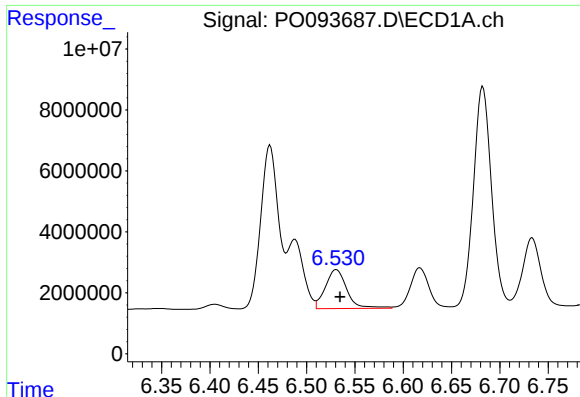
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: -0.008 min
Response: 26373264
Conc: 258.99 ng/ml



#24 AR-1248-4

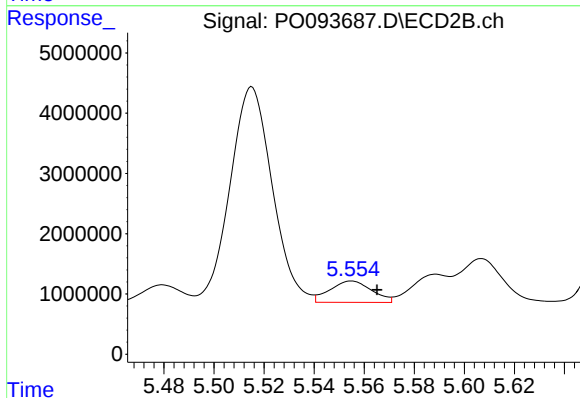
R.T.: 5.162 min
Delta R.T.: -0.009 min
Response: 12187698
Conc: 283.29 ng/ml



#25 AR-1248-5

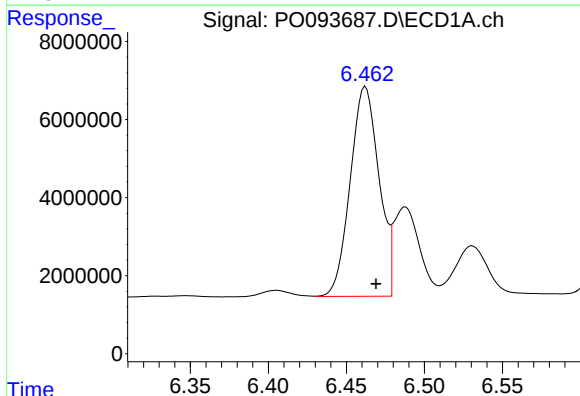
R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 19802398
Conc: 193.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



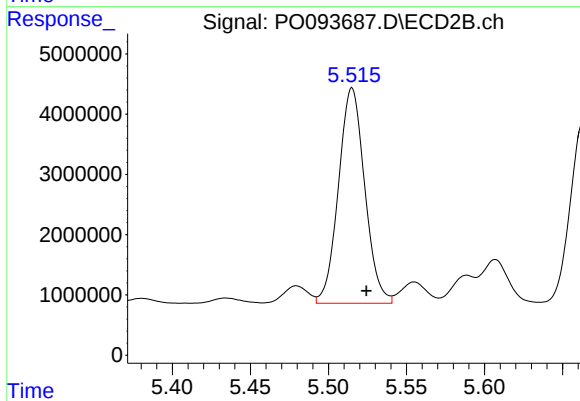
#25 AR-1248-5

R.T.: 5.555 min
Delta R.T.: -0.010 min
Response: 4115078
Conc: 111.89 ng/ml



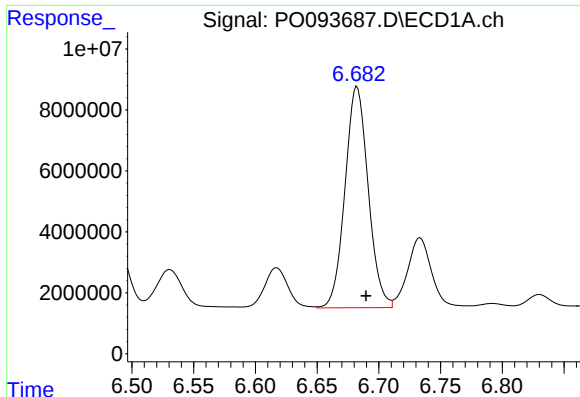
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: -0.007 min
Response: 68794648
Conc: 588.69 ng/ml



#26 AR-1254-1

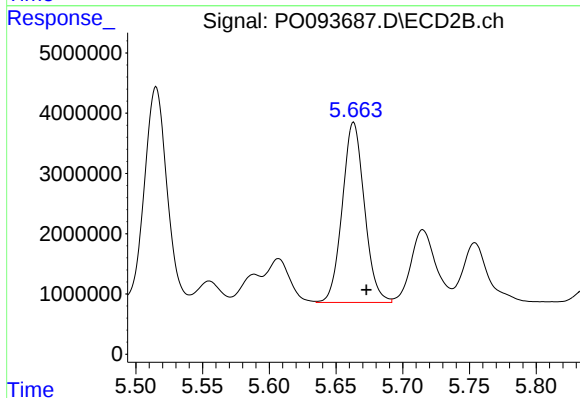
R.T.: 5.515 min
Delta R.T.: -0.009 min
Response: 41873825
Conc: 667.17 ng/ml



#27 AR-1254-2

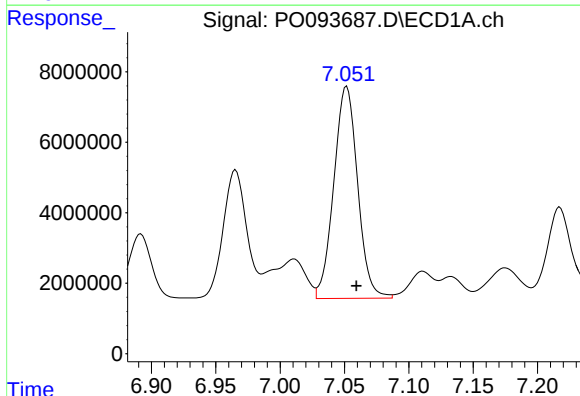
R.T.: 6.682 min
Delta R.T.: -0.007 min
Response: 94918831
Conc: 555.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



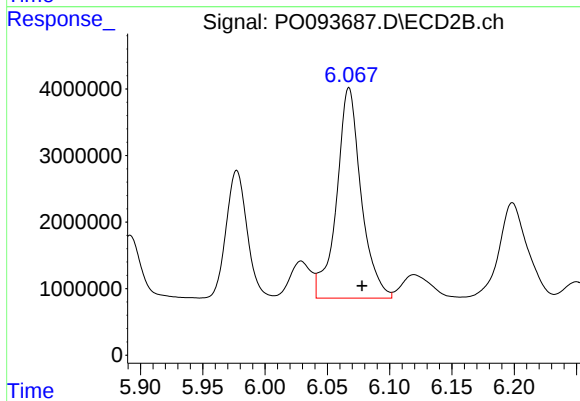
#27 AR-1254-2

R.T.: 5.663 min
Delta R.T.: -0.010 min
Response: 34480316
Conc: 611.88 ng/ml



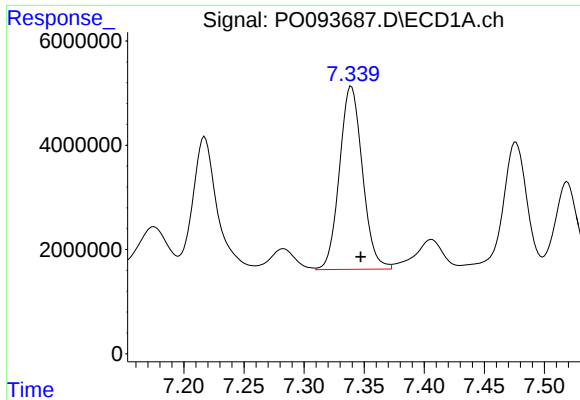
#28 AR-1254-3

R.T.: 7.052 min
Delta R.T.: -0.007 min
Response: 77562157
Conc: 466.57 ng/ml



#28 AR-1254-3

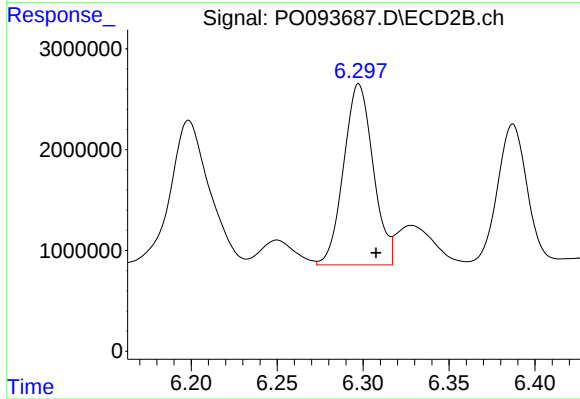
R.T.: 6.067 min
Delta R.T.: -0.011 min
Response: 43283225
Conc: 502.74 ng/ml



#29 AR-1254-4

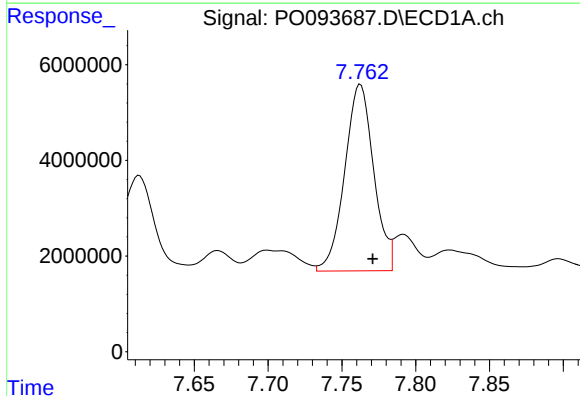
R.T.: 7.339 min
Delta R.T.: -0.008 min
Response: 46600227
Conc: 437.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



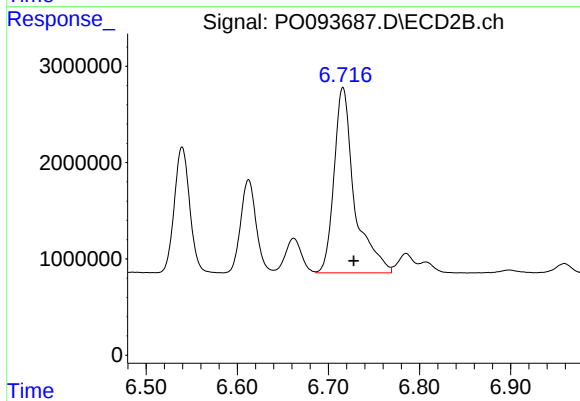
#29 AR-1254-4

R.T.: 6.298 min
Delta R.T.: -0.010 min
Response: 21451107
Conc: 469.07 ng/ml



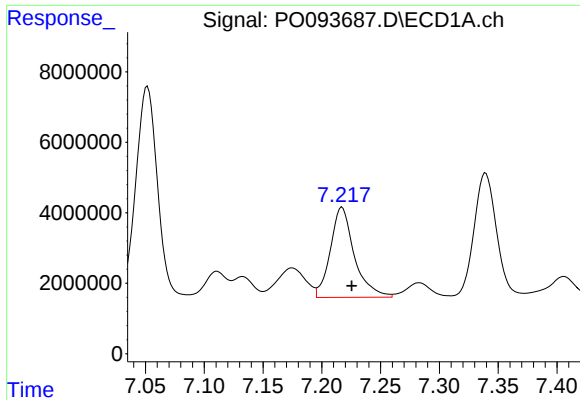
#30 AR-1254-5

R.T.: 7.763 min
Delta R.T.: -0.008 min
Response: 53313233
Conc: 393.72 ng/ml



#30 AR-1254-5

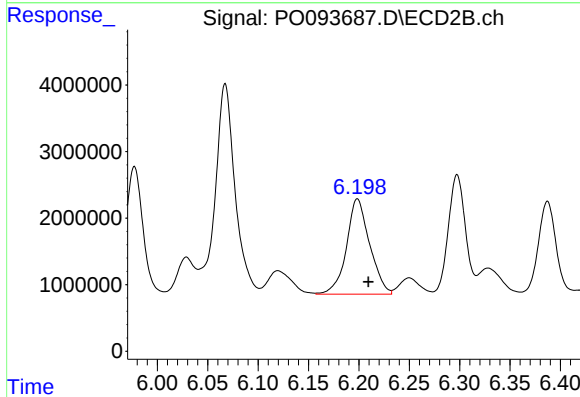
R.T.: 6.716 min
Delta R.T.: -0.012 min
Response: 29996203
Conc: 406.17 ng/ml



#31 AR-1260-1

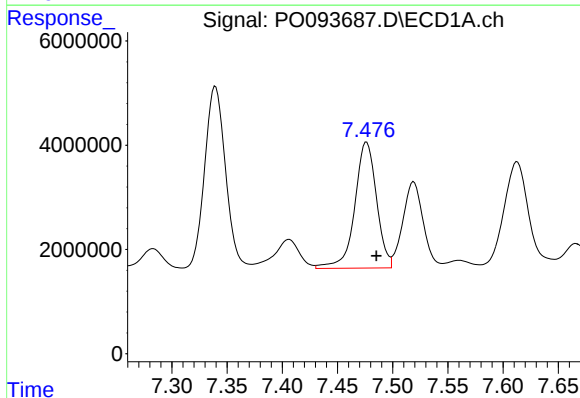
R.T.: 7.217 min
Delta R.T.: -0.008 min
Response: 36382970
Conc: 280.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



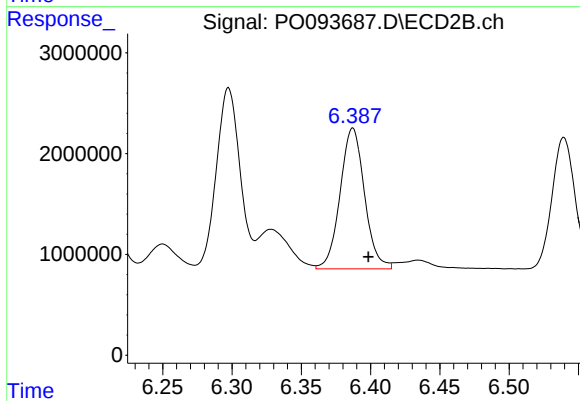
#31 AR-1260-1

R.T.: 6.199 min
Delta R.T.: -0.011 min
Response: 22891531
Conc: 376.51 ng/ml



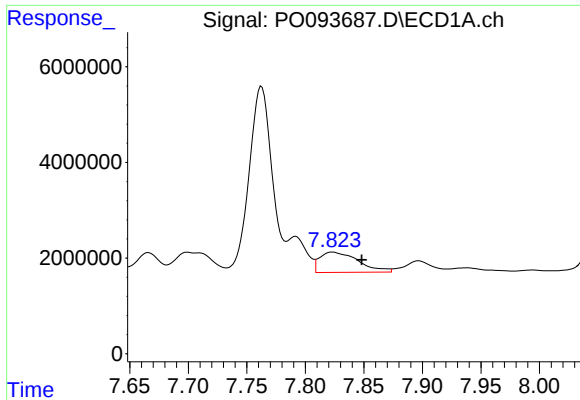
#32 AR-1260-2

R.T.: 7.476 min
Delta R.T.: -0.009 min
Response: 33230360
Conc: 225.10 ng/ml



#32 AR-1260-2

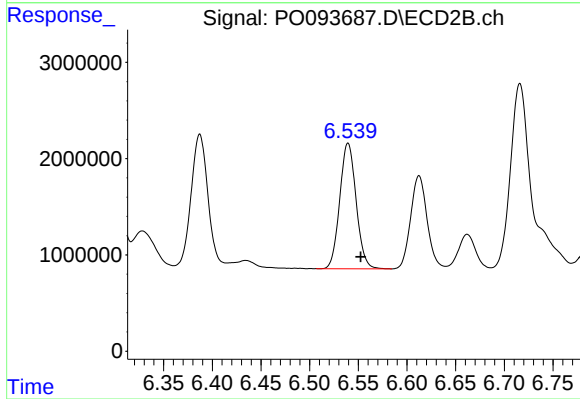
R.T.: 6.387 min
Delta R.T.: -0.011 min
Response: 17141508
Conc: 237.10 ng/ml



#33 AR-1260-3

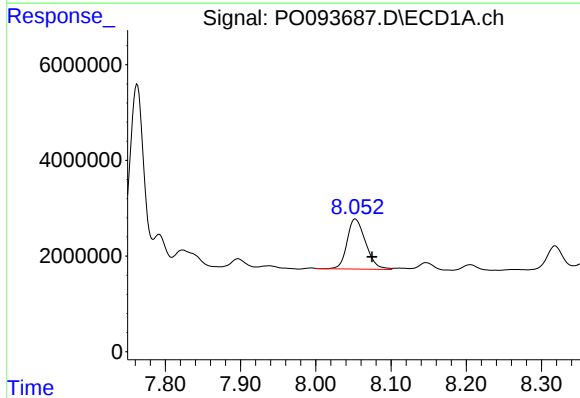
R.T.: 7.823 min
Delta R.T.: -0.025 min
Response: 9682188
Conc: 86.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



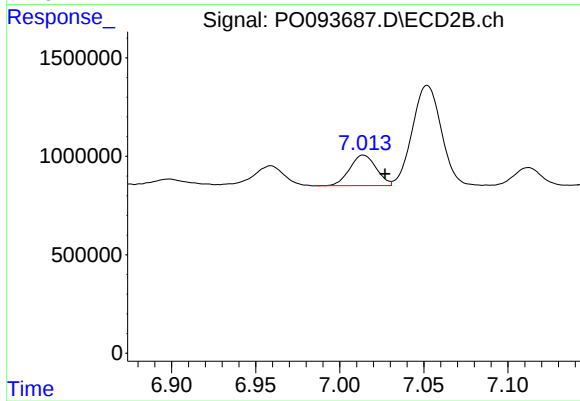
#33 AR-1260-3

R.T.: 6.540 min
Delta R.T.: -0.013 min
Response: 15304350
Conc: 228.87 ng/ml



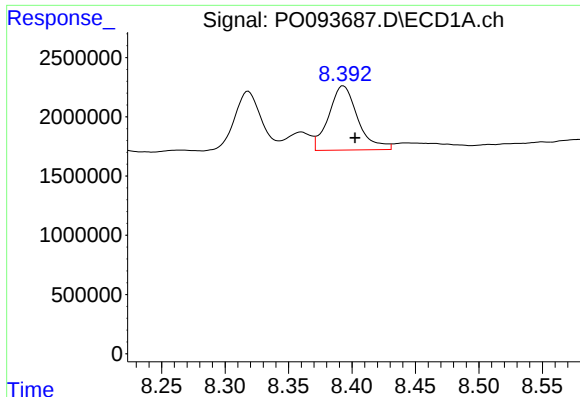
#34 AR-1260-4

R.T.: 8.053 min
Delta R.T.: -0.022 min
Response: 17815272
Conc: 138.92 ng/ml



#34 AR-1260-4

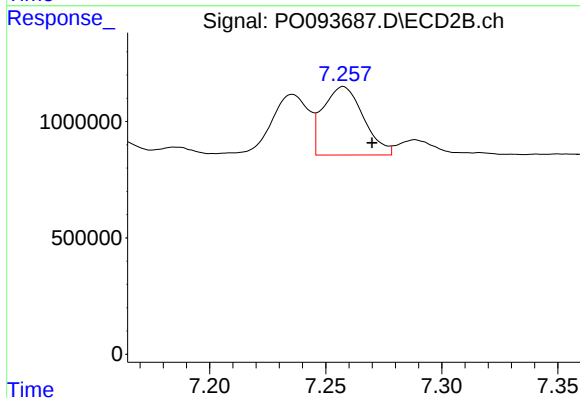
R.T.: 7.014 min
Delta R.T.: -0.013 min
Response: 1711747
Conc: 31.10 ng/ml



#35 AR-1260-5

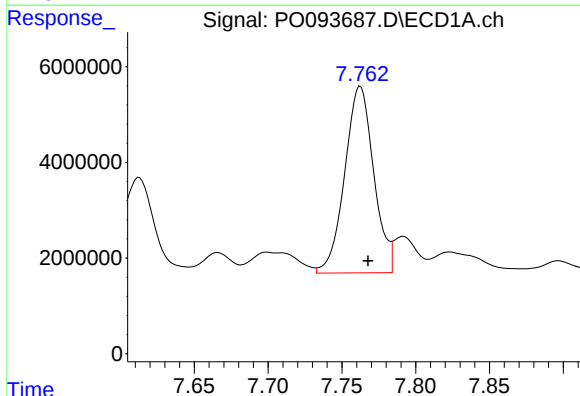
R.T.: 8.393 min
Delta R.T.: -0.009 min
Response: 8670819
Conc: 38.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



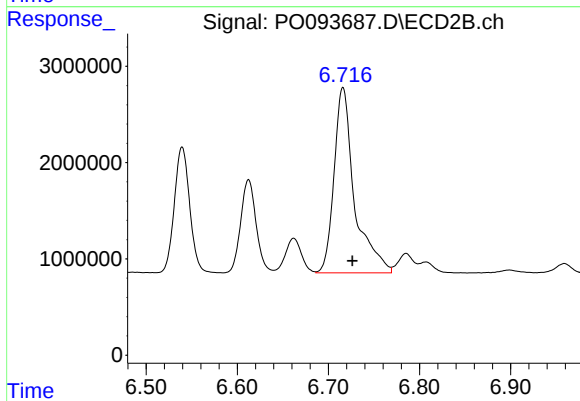
#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.012 min
Response: 3559823
Conc: 30.24 ng/ml



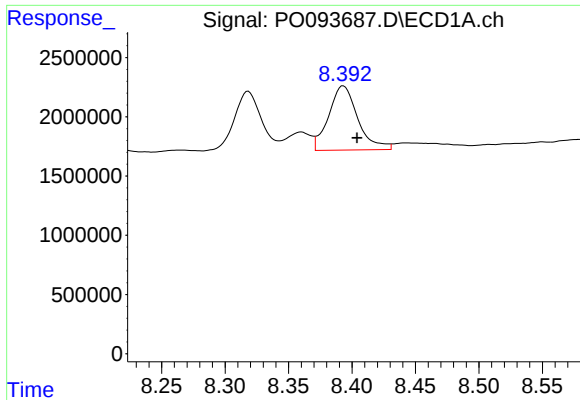
#36 AR-1262-1

R.T.: 7.763 min
Delta R.T.: -0.005 min
Response: 53313233
Conc: 536.33 ng/ml



#36 AR-1262-1

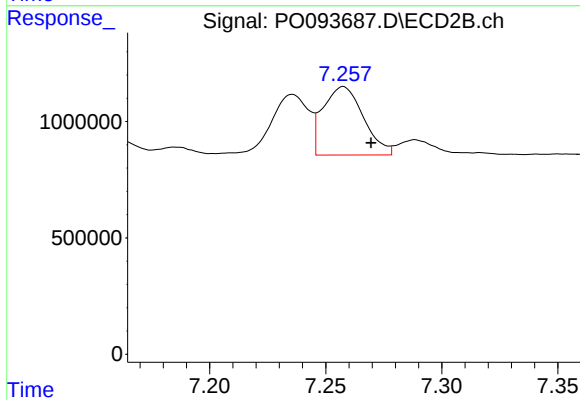
R.T.: 6.716 min
Delta R.T.: -0.010 min
Response: 29996203
Conc: 802.71 ng/ml



#37 AR-1262-2

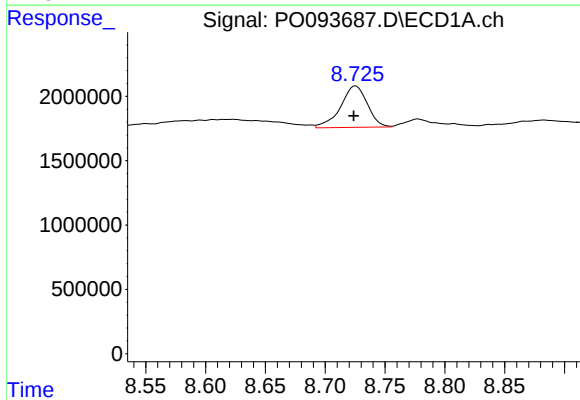
R.T.: 8.393 min
Delta R.T.: -0.011 min
Response: 8670819
Conc: 36.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



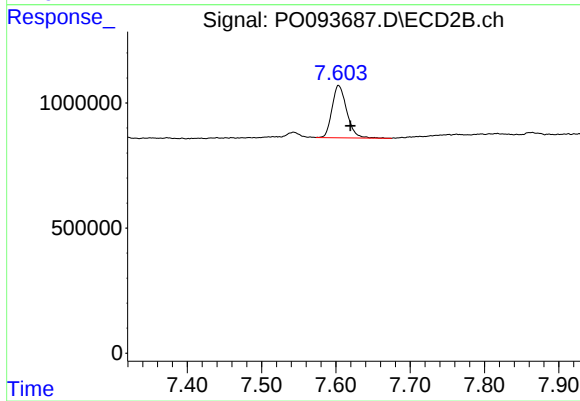
#37 AR-1262-2

R.T.: 7.258 min
Delta R.T.: -0.012 min
Response: 3559823
Conc: 29.89 ng/ml



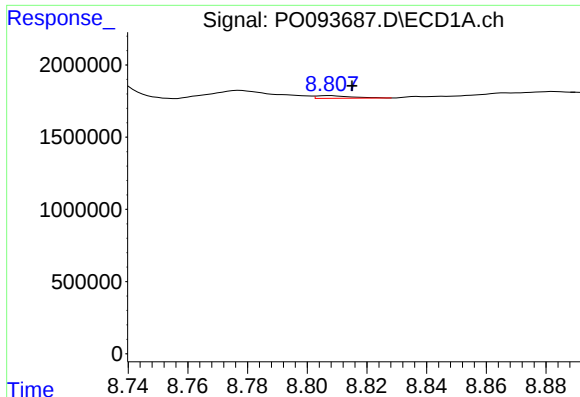
#38 AR-1262-3

R.T.: 8.725 min
Delta R.T.: 0.001 min
Response: 5033853
Conc: 29.81 ng/ml



#38 AR-1262-3

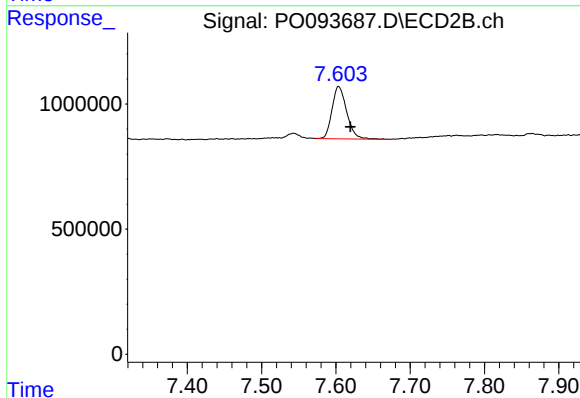
R.T.: 7.604 min
Delta R.T.: -0.016 min
Response: 2878920
Conc: 31.85 ng/ml



#39 AR-1262-4

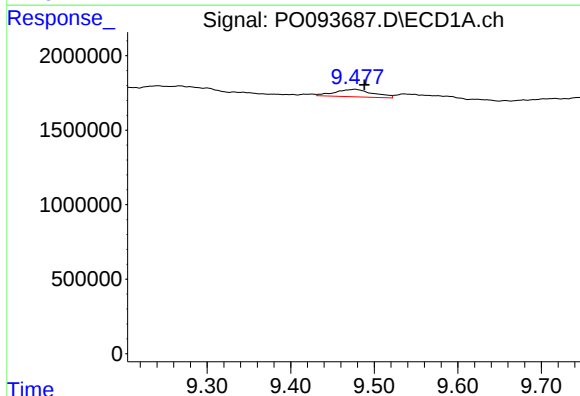
R.T.: 8.808 min
Delta R.T.: -0.007 min
Response: 150586
Conc: 1.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



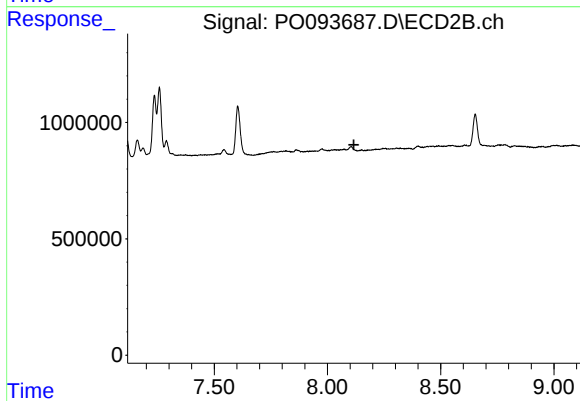
#39 AR-1262-4

R.T.: 7.604 min
Delta R.T.: -0.016 min
Response: 2878920
Conc: 31.85 ng/ml



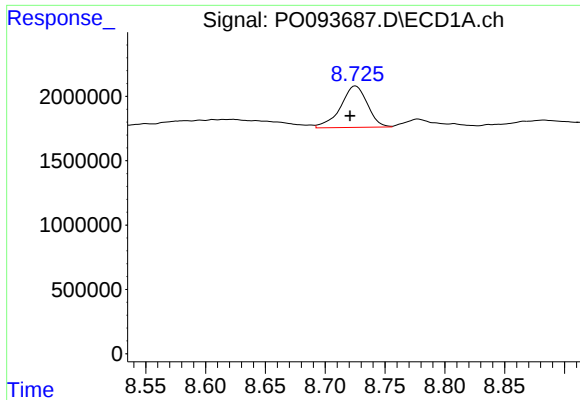
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: -0.011 min
Response: 1578873
Conc: 16.53 ng/ml



#40 AR-1262-5

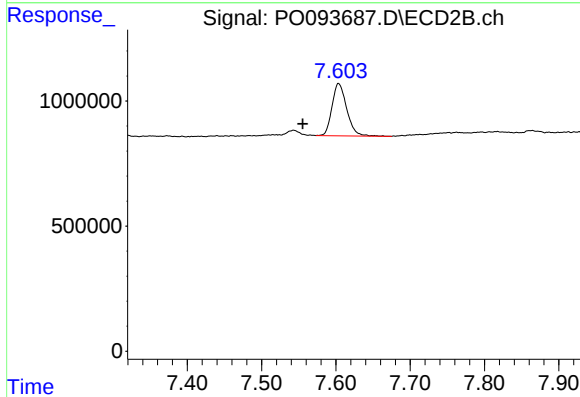
R.T.: 0.000 min
Exp R.T.: 8.117 min
Response: 0
Conc: N.D.



#41 AR-1268-1

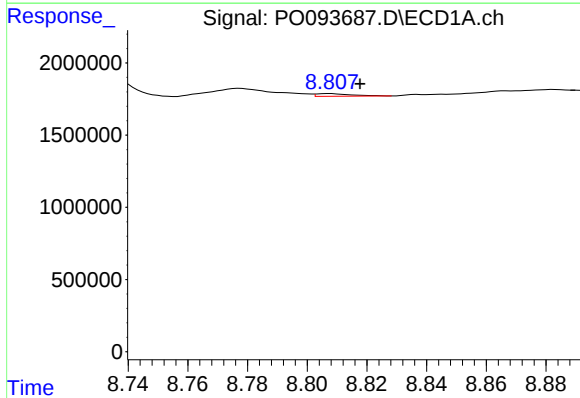
R.T.: 8.725 min
Delta R.T.: 0.005 min
Response: 5033853
Conc: 15.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



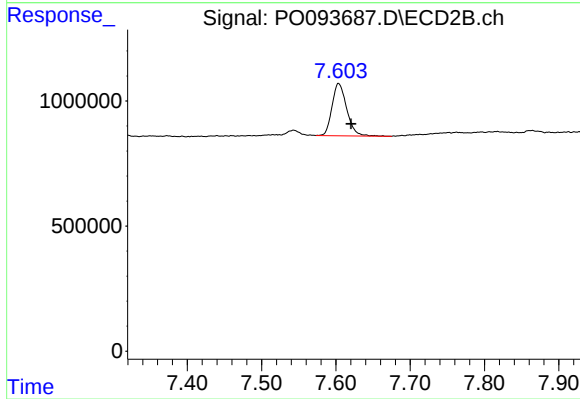
#41 AR-1268-1

R.T.: 7.604 min
Delta R.T.: 0.049 min
Response: 2878920
Conc: 18.40 ng/ml



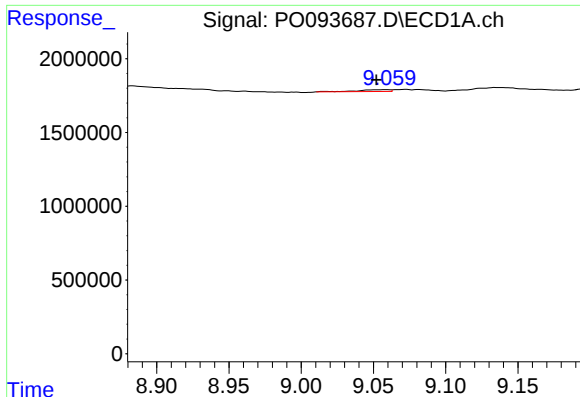
#42 AR-1268-2

R.T.: 8.808 min
Delta R.T.: -0.010 min
Response: 150586
Conc: 0.52 ng/ml



#42 AR-1268-2

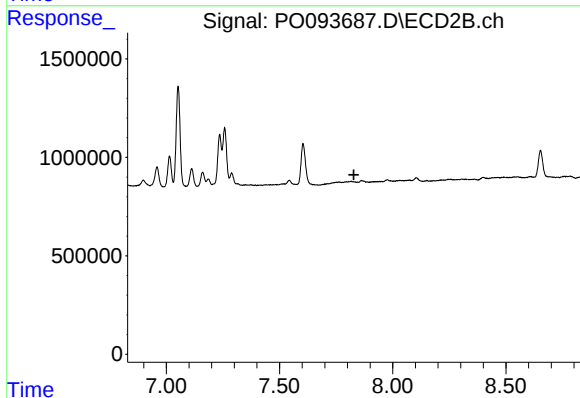
R.T.: 7.604 min
Delta R.T.: -0.016 min
Response: 2878920
Conc: 20.62 ng/ml



#43 AR-1268-3

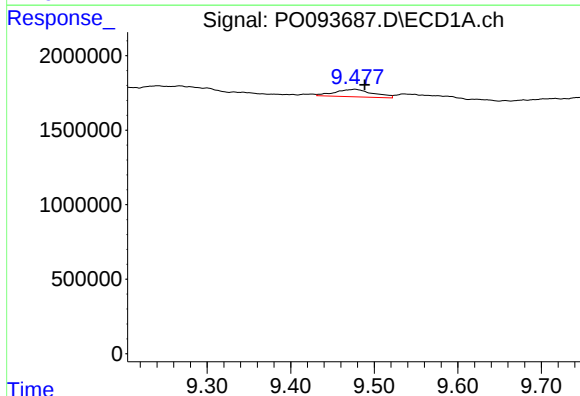
R.T.: 9.059 min
Delta R.T.: 0.007 min
Response: 188617
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



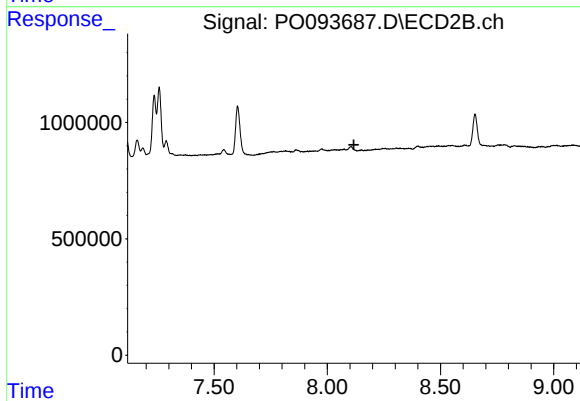
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.828 min
Response: 0
Conc: N.D.



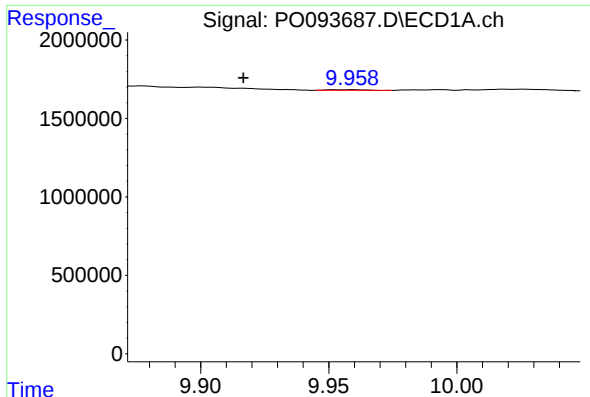
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: -0.011 min
Response: 1578873
Conc: 14.78 ng/ml



#44 AR-1268-4

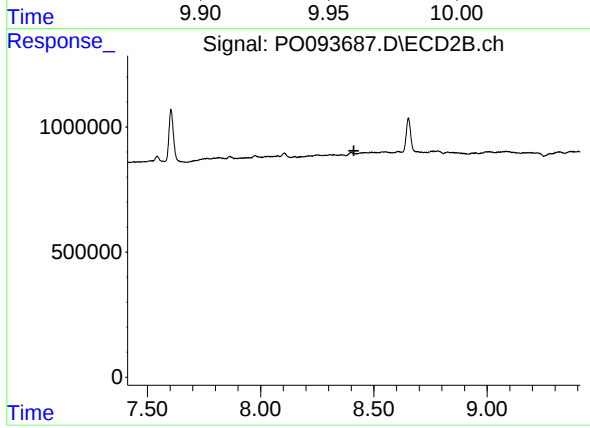
R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.960 min
Delta R.T.: 0.043 min
Response: 47738
Conc: 0.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.411 min
Response: 0
Conc: N.D.