

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0091123\
 Data File : P0097898.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2023 18:57
 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: Sep 12 01:07:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0090623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 07 02:56:18 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...	4.442	3.623	183.5E6	50114792	46.052	52.329
2)	SA Decachlor...	10.288	8.656	93500676	43086039	50.042	50.429
Target Compounds							
3)	L1 AR-1016-1	5.618	4.712	32198770	10904710	298.192	339.034
4)	L1 AR-1016-2	5.642	4.731	39628261	11022473	244.879	242.649
5)	L1 AR-1016-3	5.704	4.909	19611938	7378561	196.960	303.060 #
6)	L1 AR-1016-4	5.802	4.950	20753623	15683436	263.188	746.511 #
7)	L1 AR-1016-5	6.101	5.164	50707930	19272237	617.677	693.435
8)	L2 AR-1221-1	4.652	3.836	269560	117452	5.658	9.727 #
9)	L2 AR-1221-2	4.750	3.924	2994412	754771	84.274	88.483
10)	L2 AR-1221-3	4.815	4.000	3057684	811631	29.514	30.289
11)	L3 AR-1232-1	4.815	4.000	3057684	811631	35.610	36.796
12)	L3 AR-1232-2	5.349	4.731	15584528	11022473	356.650	537.258 #
13)	L3 AR-1232-3	5.642	4.909	39628261	7378561	546.780	678.604
14)	L3 AR-1232-4	5.802	4.992	20753623	16486986	601.830	1518.537 #
15)	L3 AR-1232-5	5.895	5.164	48686742	19272237	1558.521	1589.666
16)	L4 AR-1242-1	5.618	4.712	32198770	10904710	345.695	388.578
17)	L4 AR-1242-2	5.642	4.731	39628261	11022473	282.456	277.724
18)	L4 AR-1242-3	5.704	4.909	19611938	7378561	226.608	349.166 #
19)	L4 AR-1242-4	5.802	4.992	20753623	16486986	306.006	719.373 #
20)	L4 AR-1242-5	6.548	5.517	50137792	25768139	712.514	989.132 #
21)	L5 AR-1248-1	5.618	4.712	32198770	10904710	474.533	530.836
22)	L5 AR-1248-2	5.895	4.950	48686742	15683436	450.206	514.757
23)	L5 AR-1248-3	6.101	4.992	50707930	16486986	451.793	517.692
24)	L5 AR-1248-4	6.508	5.164	50336557	19272237	486.912	514.991
25)	L5 AR-1248-5	6.548	5.559	50137792	17862247	449.776	536.046
26)	L6 AR-1254-1	6.481	5.517	39819944	25768139	324.802	474.002 #
27)	L6 AR-1254-2	6.705	5.666	50200776	8132372	279.850	168.881 #
28)	L6 AR-1254-3	7.071	6.072	27013139	11807414	152.541	159.816
29)	L6 AR-1254-4	7.359	6.301	17183348	7490772	159.640	189.008
30)	L6 AR-1254-5	7.783	6.720	4107253	2463550	34.161	39.999
31)	L7 AR-1260-1	7.238	6.217	3730803	4654459	26.400	87.482 #
32)	L7 AR-1260-2	7.496	6.391	4177997	1263976	27.640	20.185 #
33)	L7 AR-1260-3	7.882	6.544	18015	1353584	0.159	23.473 #
34)	L7 AR-1260-4	8.075	7.018	1601142	289782	13.469	6.177 #
35)	L7 AR-1260-5	8.417	7.262	903323	368342	4.413	3.716
36)	L8 AR-1262-1	7.844	6.812	667724	146643	4.392	5.412
37)	L8 AR-1262-2	8.417	7.018	903323	289782	4.139	4.973
38)	L8 AR-1262-3	8.755	7.546	617622	118222	3.992	2.710 #
39)	L8 AR-1262-4	8.836	7.610	97145	325676	1.156	4.280 #
40)	L8 AR-1262-5	9.512	8.105	145269	90217	2.016	2.875 #
41)	L9 AR-1268-1	8.755	7.546	617622	118222	2.176	0.898 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091123\
Data File : P0097898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2023 18:57
Operator : YP/AJ
Sample : AR1248CCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

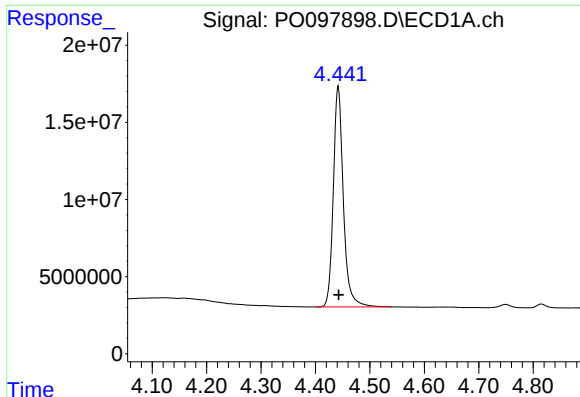
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:07:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 07 02:56:18 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
42)	L9 AR-1268-2	8.836	7.610	97145	325676	0.380	2.826 #
43)	L9 AR-1268-3	9.071	7.914	152098	83712	0.681	3.028 #
44)	L9 AR-1268-4	9.512	8.105	145269	90217	1.778	2.561 #
45)	L9 AR-1268-5	9.933	8.401	591436	825026	0.892	2.632 #

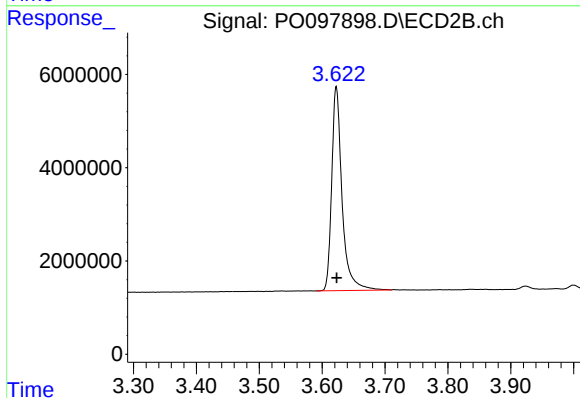
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

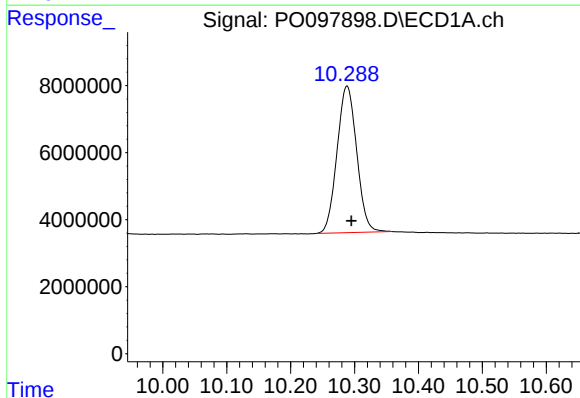
R.T.: 4.442 min
Delta R.T.: -0.001 min
Response: 183473394
Conc: 46.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



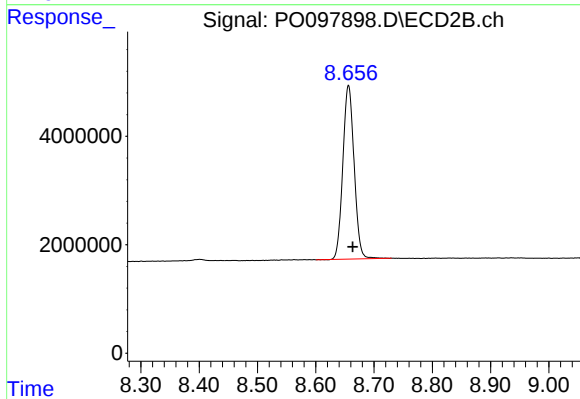
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 50114792
Conc: 52.33 ng/ml



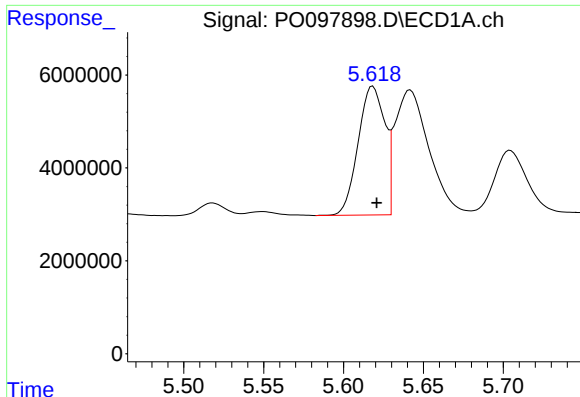
#2 Decachlorobiphenyl

R.T.: 10.288 min
Delta R.T.: -0.007 min
Response: 93500676
Conc: 50.04 ng/ml



#2 Decachlorobiphenyl

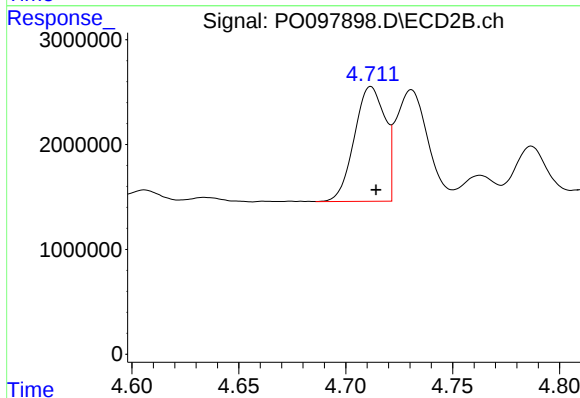
R.T.: 8.656 min
Delta R.T.: -0.007 min
Response: 43086039
Conc: 50.43 ng/ml



#3 AR-1016-1

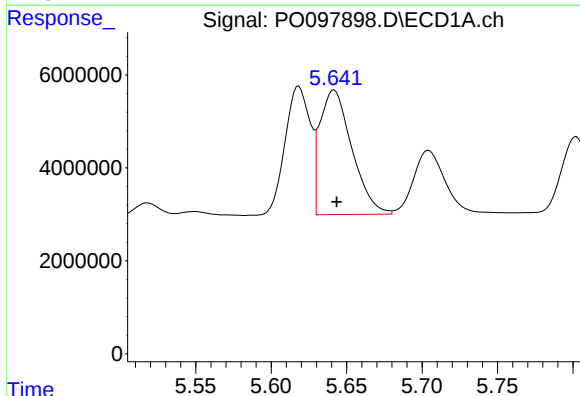
R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 32198770
Conc: 298.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



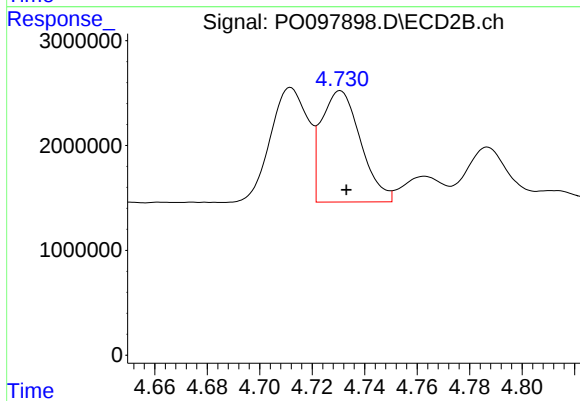
#3 AR-1016-1

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 10904710
Conc: 339.03 ng/ml



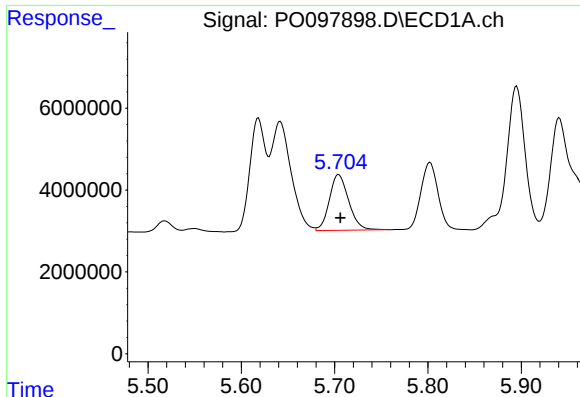
#4 AR-1016-2

R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 39628261
Conc: 244.88 ng/ml



#4 AR-1016-2

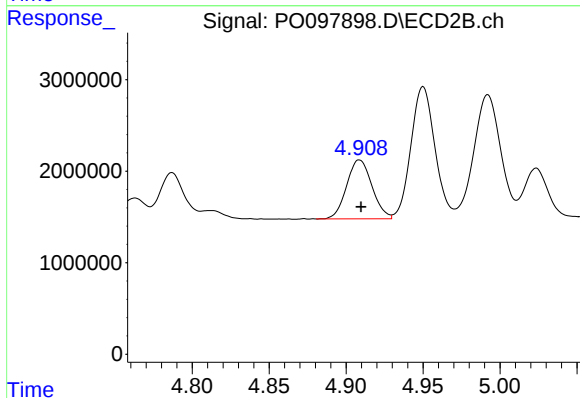
R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 11022473
Conc: 242.65 ng/ml



#5 AR-1016-3

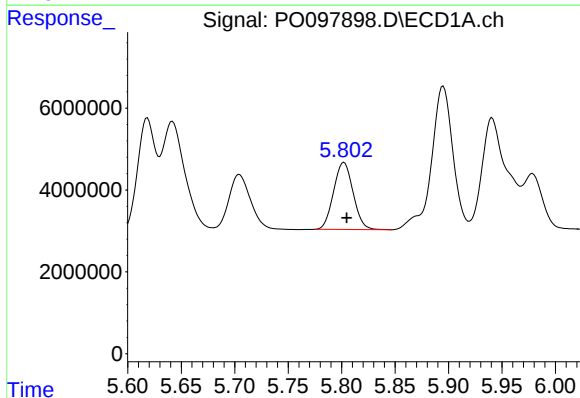
R.T.: 5.704 min
Delta R.T.: -0.002 min
Response: 19611938
Conc: 196.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



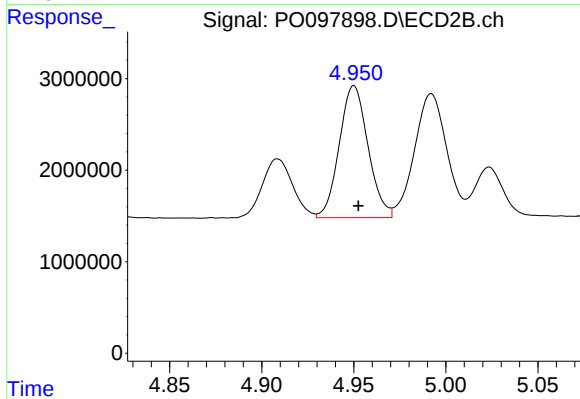
#5 AR-1016-3

R.T.: 4.909 min
Delta R.T.: -0.001 min
Response: 7378561
Conc: 303.06 ng/ml



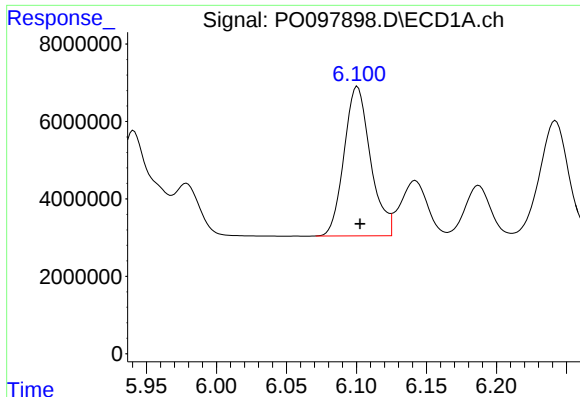
#6 AR-1016-4

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 20753623
Conc: 263.19 ng/ml



#6 AR-1016-4

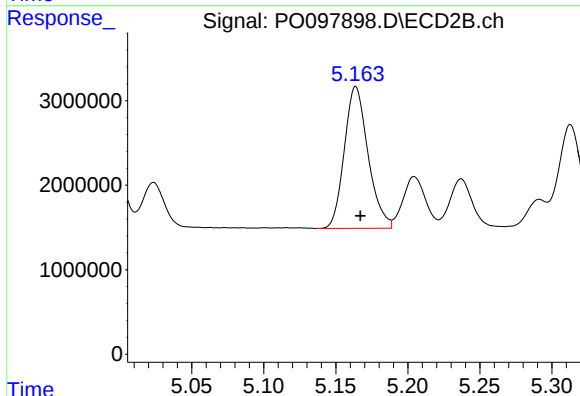
R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 15683436
Conc: 746.51 ng/ml



#7 AR-1016-5

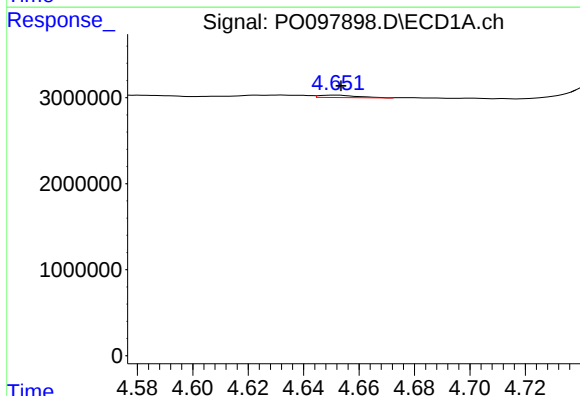
R.T.: 6.101 min
Delta R.T.: -0.002 min
Response: 50707930
Conc: 617.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



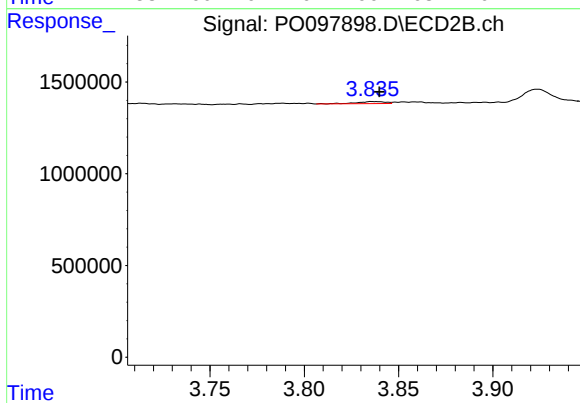
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 19272237
Conc: 693.43 ng/ml



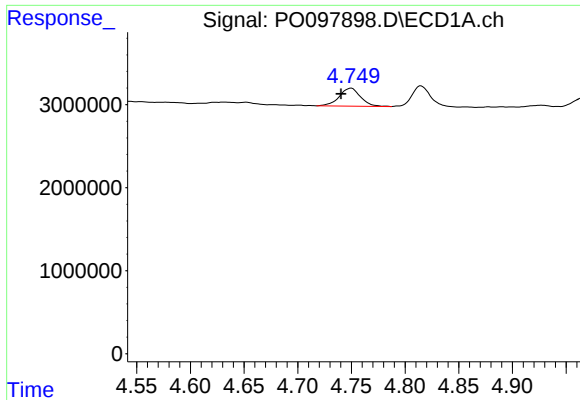
#8 AR-1221-1

R.T.: 4.652 min
Delta R.T.: -0.002 min
Response: 269560
Conc: 5.66 ng/ml



#8 AR-1221-1

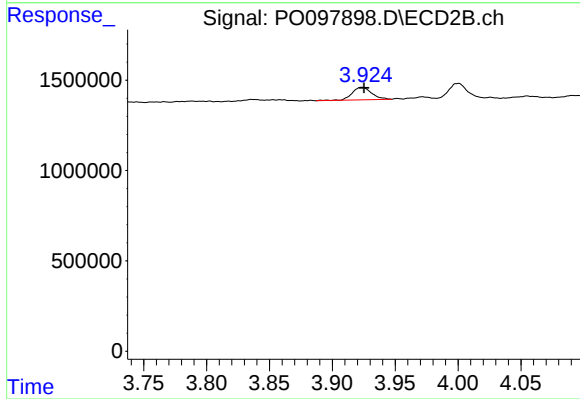
R.T.: 3.836 min
Delta R.T.: -0.003 min
Response: 117452
Conc: 9.73 ng/ml



#9 AR-1221-2

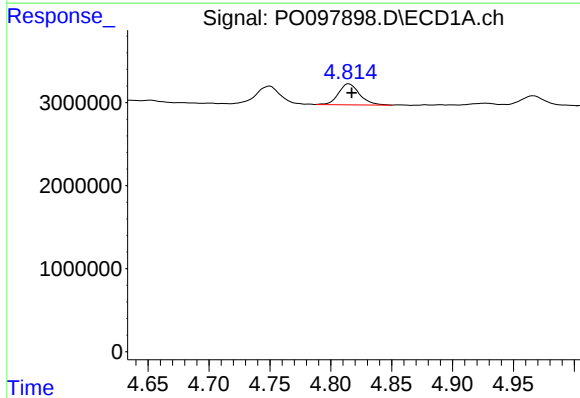
R.T.: 4.750 min
Delta R.T.: 0.009 min
Response: 2994412
Conc: 84.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



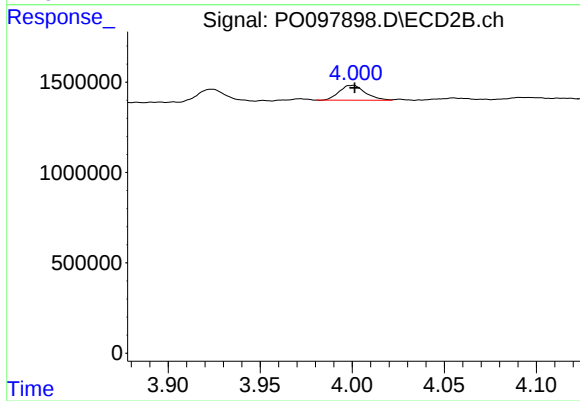
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: -0.002 min
Response: 754771
Conc: 88.48 ng/ml



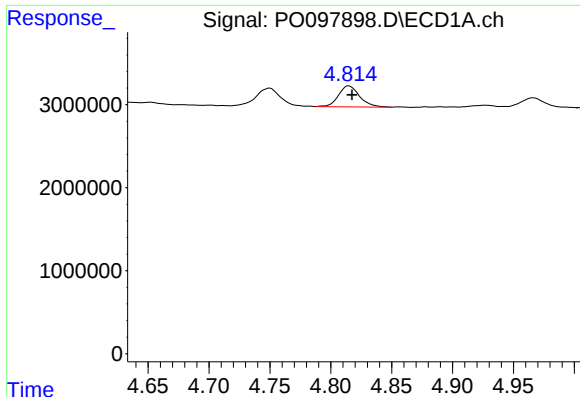
#10 AR-1221-3

R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 3057684
Conc: 29.51 ng/ml



#10 AR-1221-3

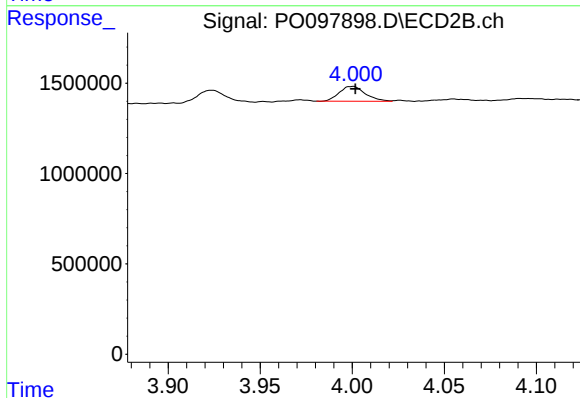
R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 811631
Conc: 30.29 ng/ml



#11 AR-1232-1

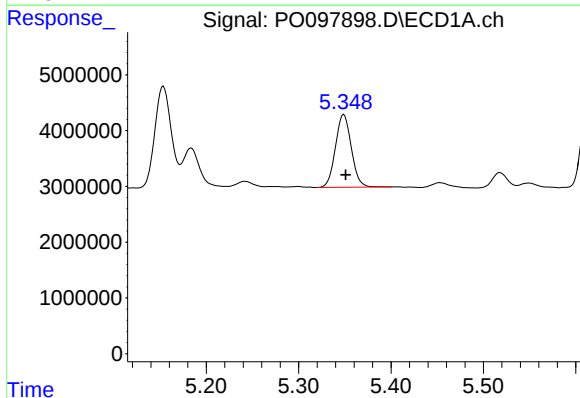
R.T.: 4.815 min
Delta R.T.: -0.003 min
Response: 3057684
Conc: 35.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



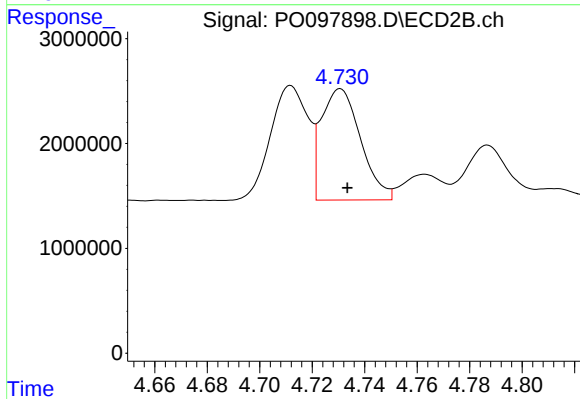
#11 AR-1232-1

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 811631
Conc: 36.80 ng/ml



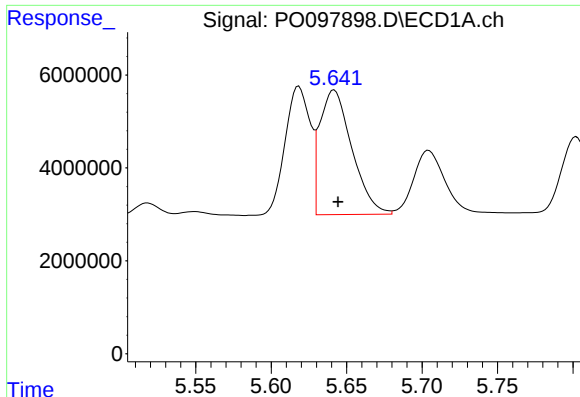
#12 AR-1232-2

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 15584528
Conc: 356.65 ng/ml



#12 AR-1232-2

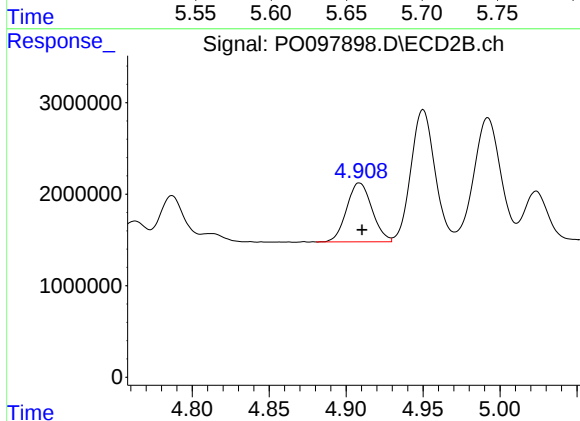
R.T.: 4.731 min
Delta R.T.: -0.003 min
Response: 11022473
Conc: 537.26 ng/ml



#13 AR-1232-3

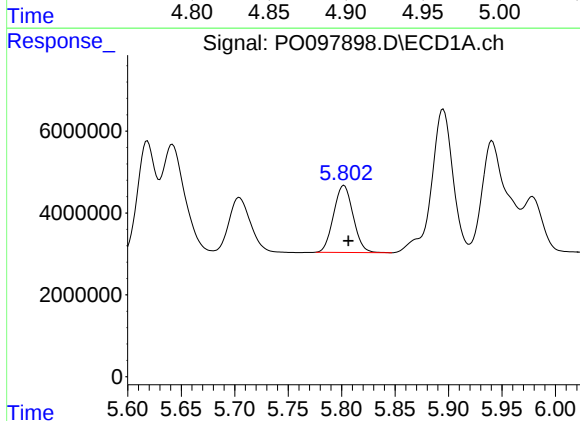
R.T.: 5.642 min
Delta R.T.: -0.003 min
Response: 39628261
Conc: 546.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



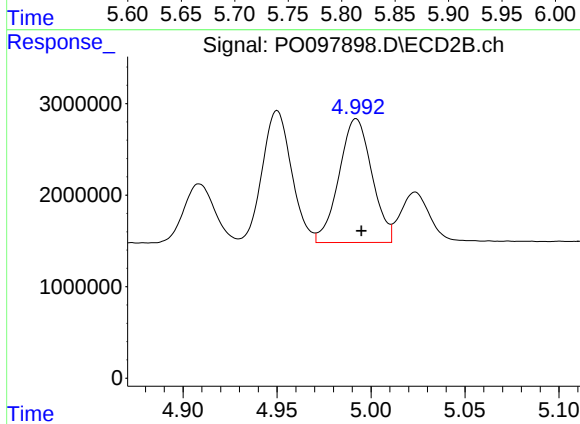
#13 AR-1232-3

R.T.: 4.909 min
Delta R.T.: -0.002 min
Response: 7378561
Conc: 678.60 ng/ml



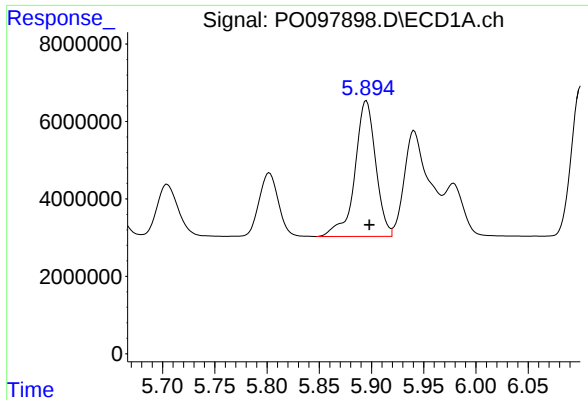
#14 AR-1232-4

R.T.: 5.802 min
Delta R.T.: -0.004 min
Response: 20753623
Conc: 601.83 ng/ml



#14 AR-1232-4

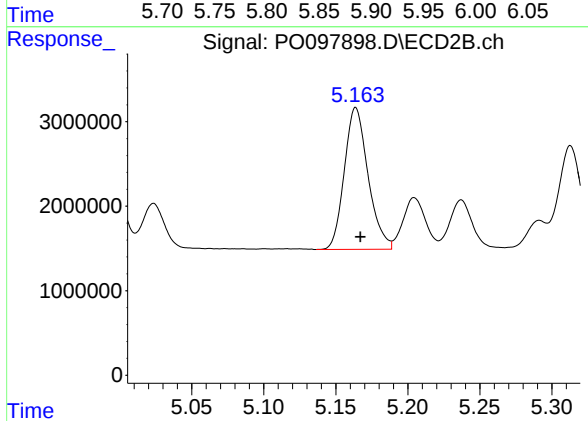
R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 16486986
Conc: 1518.54 ng/ml



#15 AR-1232-5

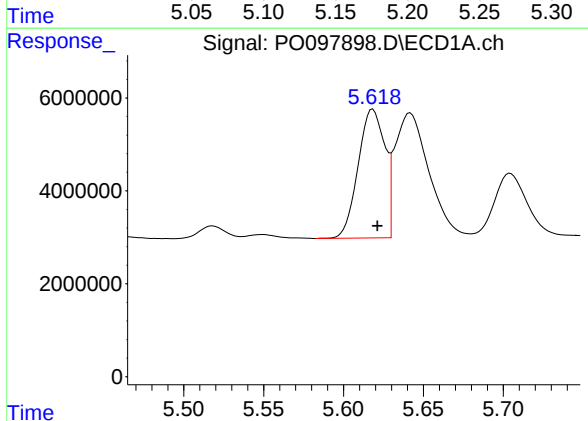
R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 48686742
Conc: 1558.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



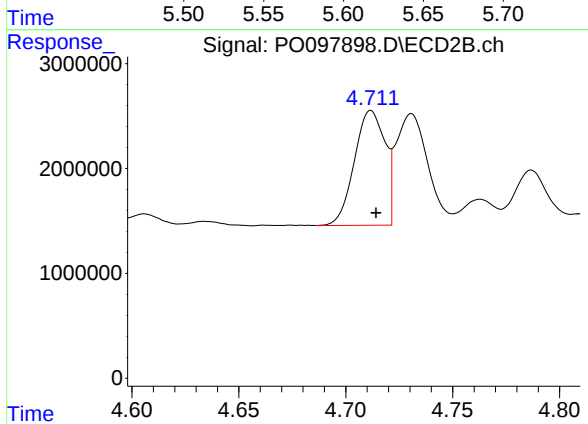
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 19272237
Conc: 1589.67 ng/ml



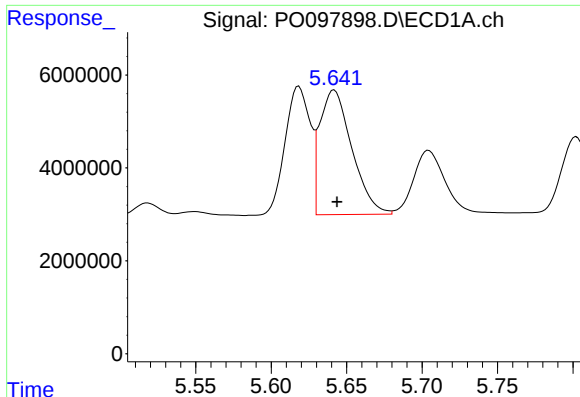
#16 AR-1242-1

R.T.: 5.618 min
Delta R.T.: -0.003 min
Response: 32198770
Conc: 345.70 ng/ml



#16 AR-1242-1

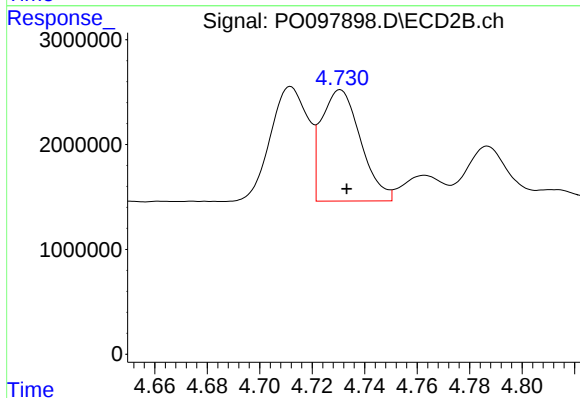
R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 10904710
Conc: 388.58 ng/ml



#17 AR-1242-2

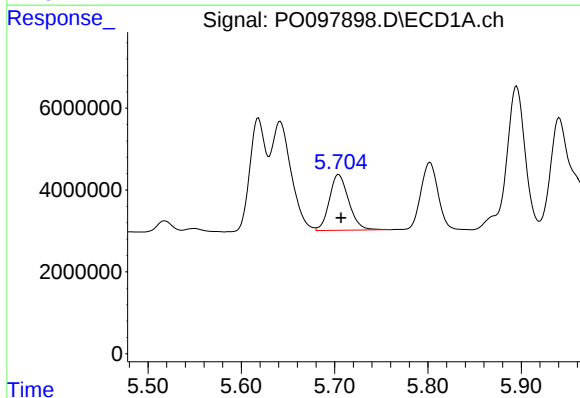
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 39628261
Conc: 282.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



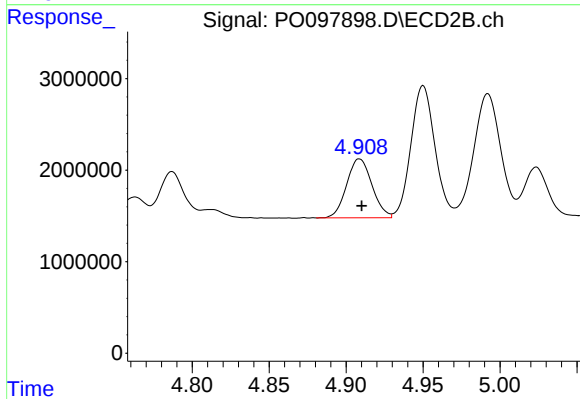
#17 AR-1242-2

R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 11022473
Conc: 277.72 ng/ml



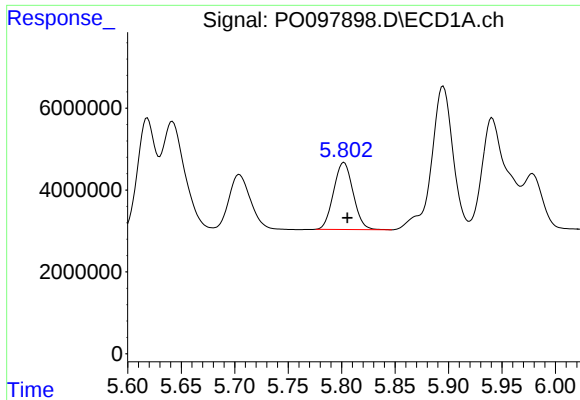
#18 AR-1242-3

R.T.: 5.704 min
Delta R.T.: -0.003 min
Response: 19611938
Conc: 226.61 ng/ml



#18 AR-1242-3

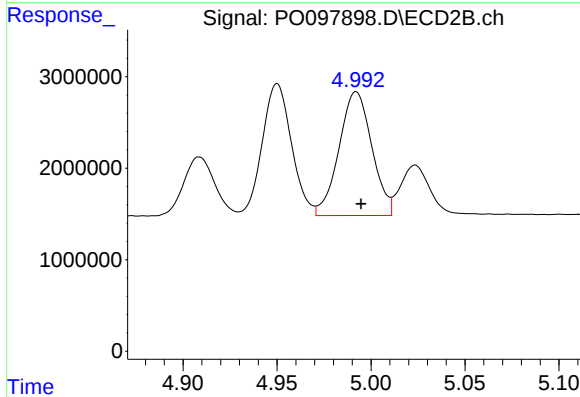
R.T.: 4.909 min
Delta R.T.: -0.002 min
Response: 7378561
Conc: 349.17 ng/ml



#19 AR-1242-4

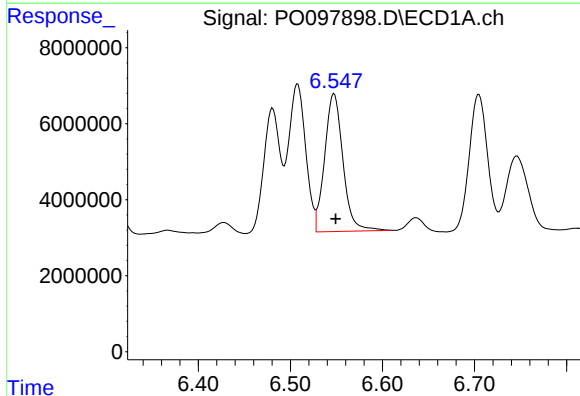
R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 20753623
Conc: 306.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



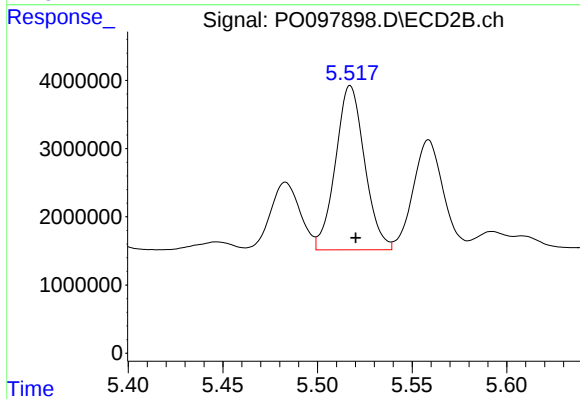
#19 AR-1242-4

R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 16486986
Conc: 719.37 ng/ml



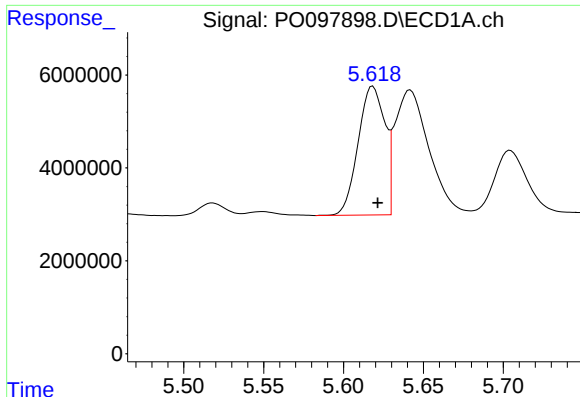
#20 AR-1242-5

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 50137792
Conc: 712.51 ng/ml



#20 AR-1242-5

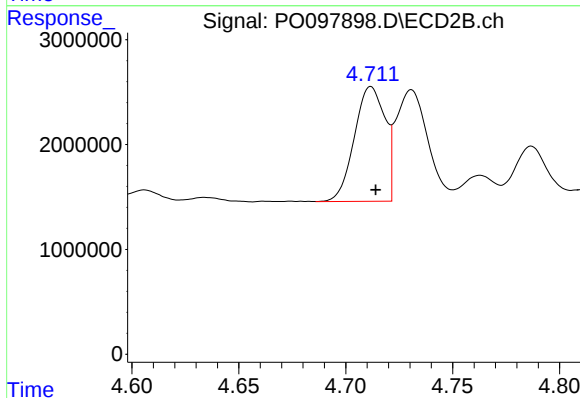
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 25768139
Conc: 989.13 ng/ml



#21 AR-1248-1

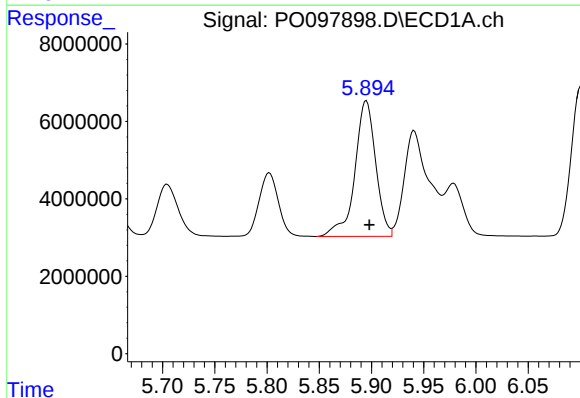
R.T.: 5.618 min
Delta R.T.: -0.003 min
Response: 32198770
Conc: 474.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



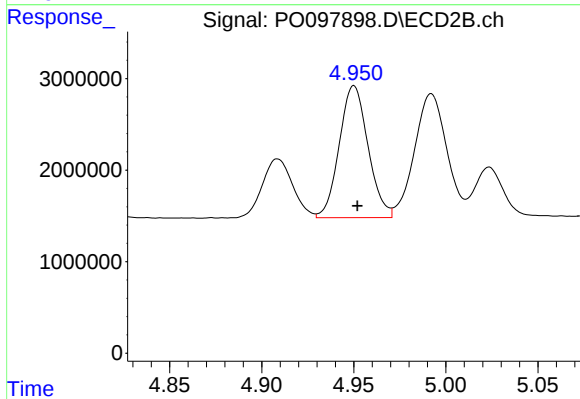
#21 AR-1248-1

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 10904710
Conc: 530.84 ng/ml



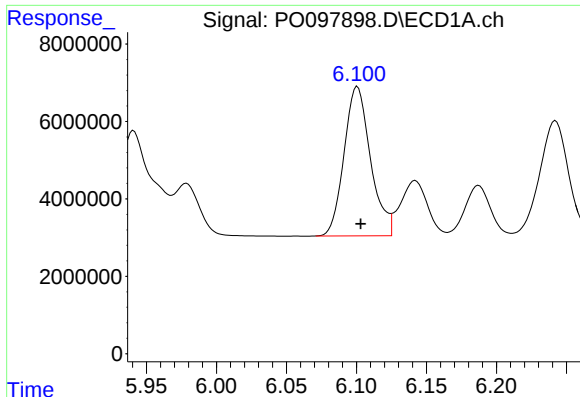
#22 AR-1248-2

R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 48686742
Conc: 450.21 ng/ml



#22 AR-1248-2

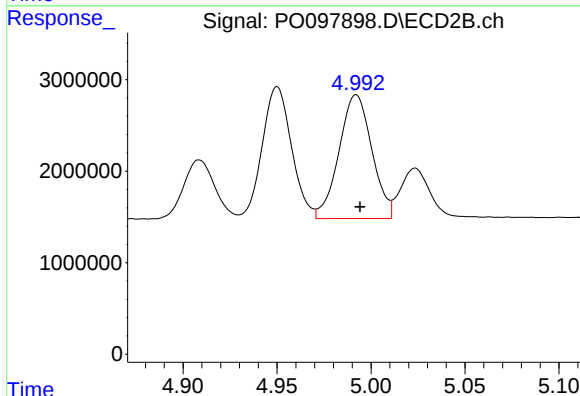
R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 15683436
Conc: 514.76 ng/ml



#23 AR-1248-3

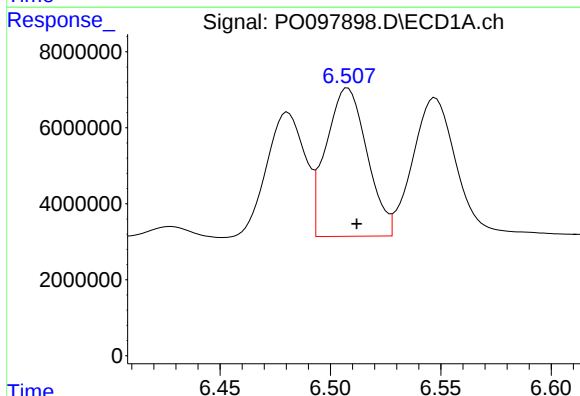
R.T.: 6.101 min
Delta R.T.: -0.002 min
Response: 50707930
Conc: 451.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



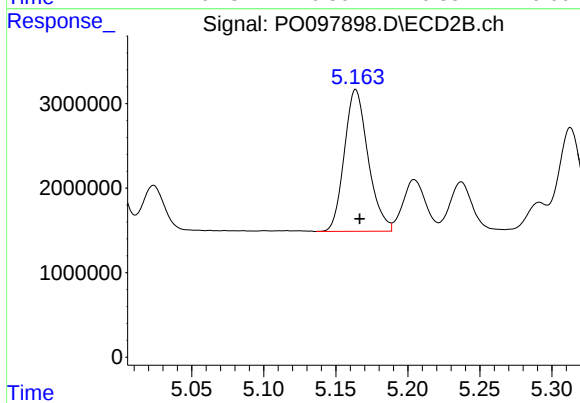
#23 AR-1248-3

R.T.: 4.992 min
Delta R.T.: -0.002 min
Response: 16486986
Conc: 517.69 ng/ml



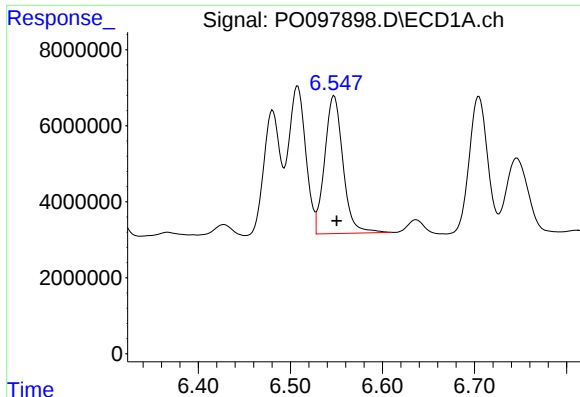
#24 AR-1248-4

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 50336557
Conc: 486.91 ng/ml



#24 AR-1248-4

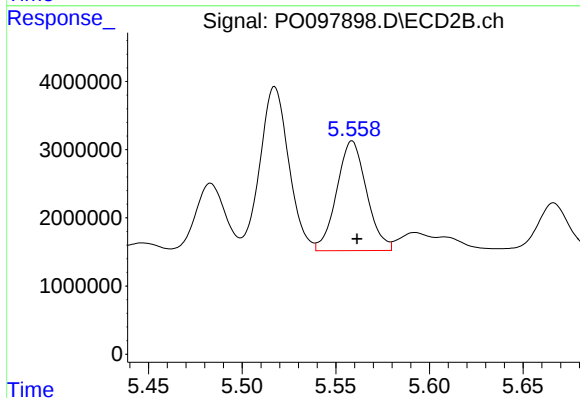
R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 19272237
Conc: 514.99 ng/ml



#25 AR-1248-5

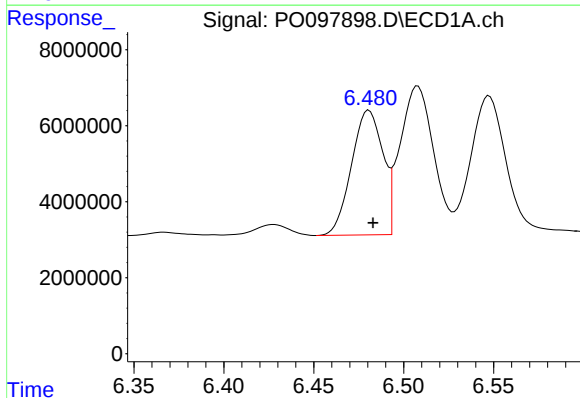
R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 50137792
Conc: 449.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



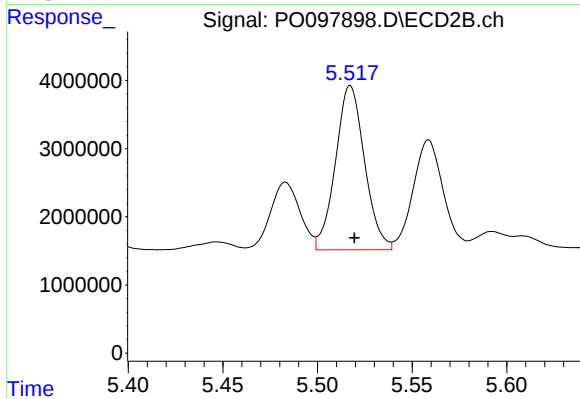
#25 AR-1248-5

R.T.: 5.559 min
Delta R.T.: -0.003 min
Response: 17862247
Conc: 536.05 ng/ml



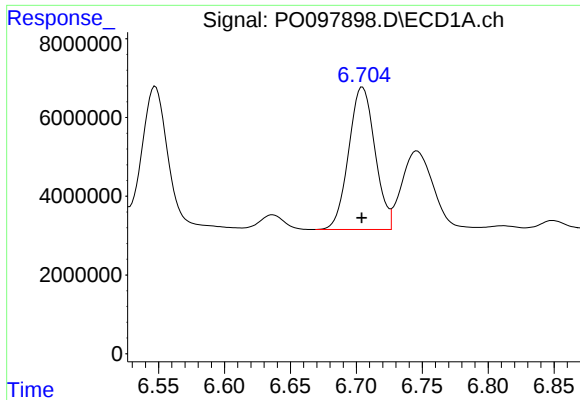
#26 AR-1254-1

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 39819944
Conc: 324.80 ng/ml



#26 AR-1254-1

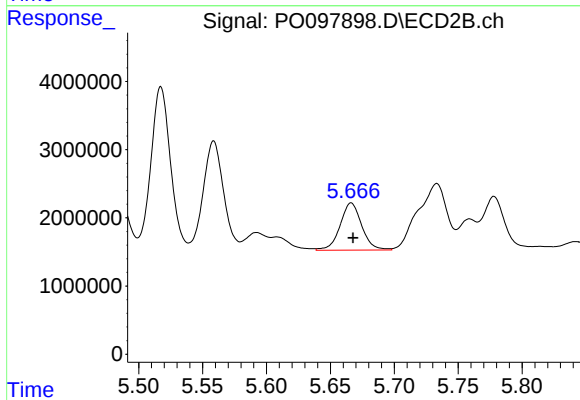
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 25768139
Conc: 474.00 ng/ml



#27 AR-1254-2

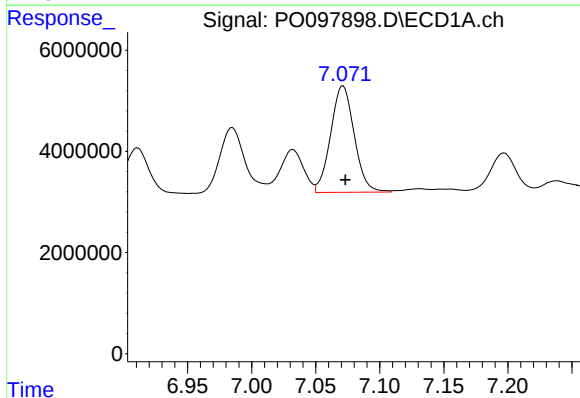
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 50200776
Conc: 279.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



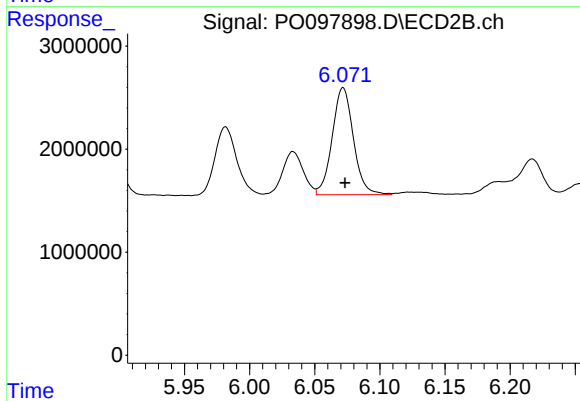
#27 AR-1254-2

R.T.: 5.666 min
Delta R.T.: -0.001 min
Response: 8132372
Conc: 168.88 ng/ml



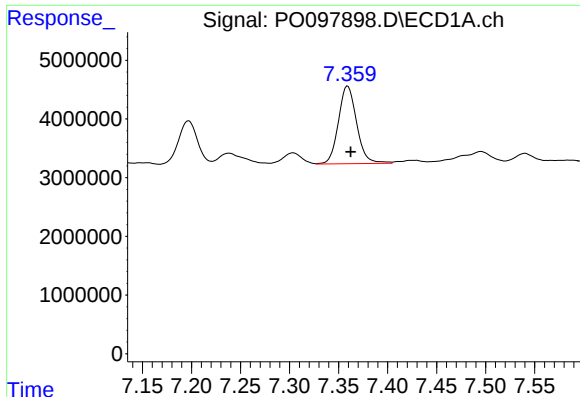
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 27013139
Conc: 152.54 ng/ml



#28 AR-1254-3

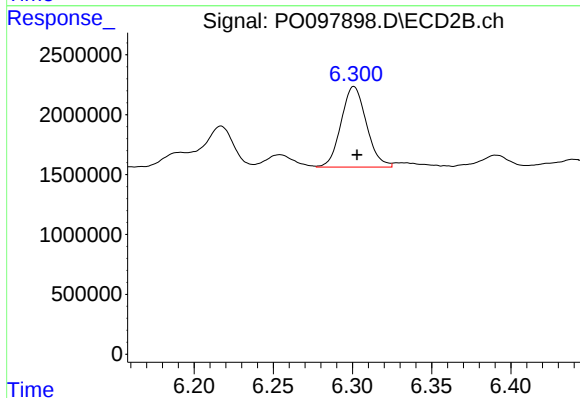
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 11807414
Conc: 159.82 ng/ml



#29 AR-1254-4

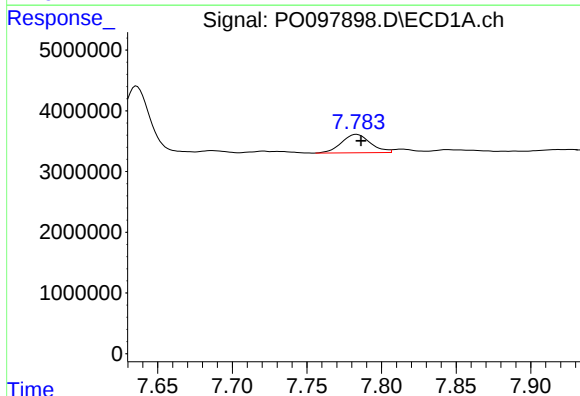
R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 17183348
Conc: 159.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



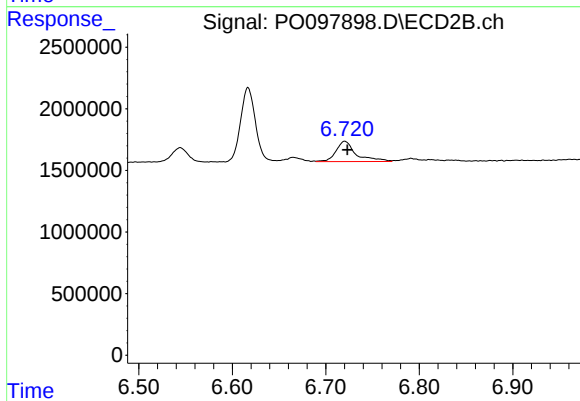
#29 AR-1254-4

R.T.: 6.301 min
Delta R.T.: -0.002 min
Response: 7490772
Conc: 189.01 ng/ml



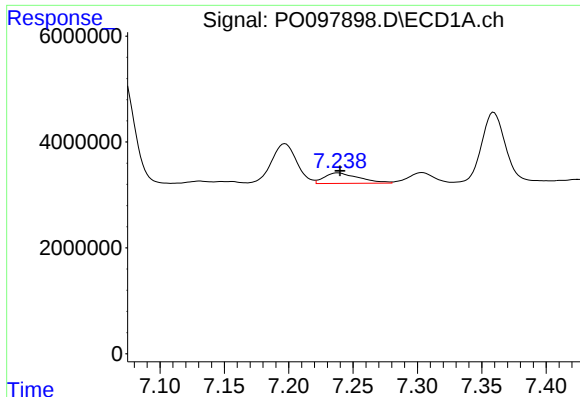
#30 AR-1254-5

R.T.: 7.783 min
Delta R.T.: -0.003 min
Response: 4107253
Conc: 34.16 ng/ml



#30 AR-1254-5

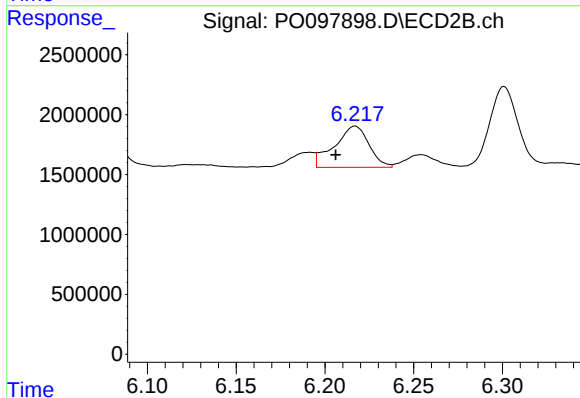
R.T.: 6.720 min
Delta R.T.: -0.003 min
Response: 2463550
Conc: 40.00 ng/ml



#31 AR-1260-1

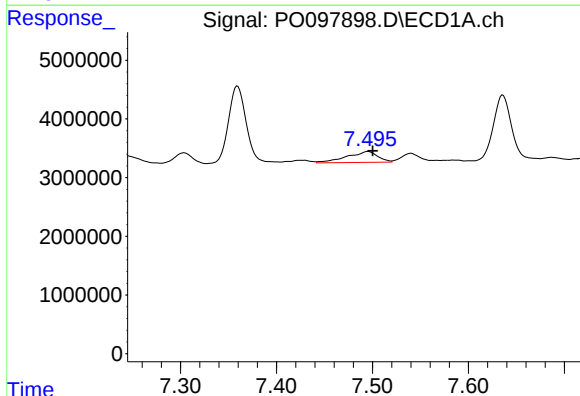
R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 3730803
Conc: 26.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



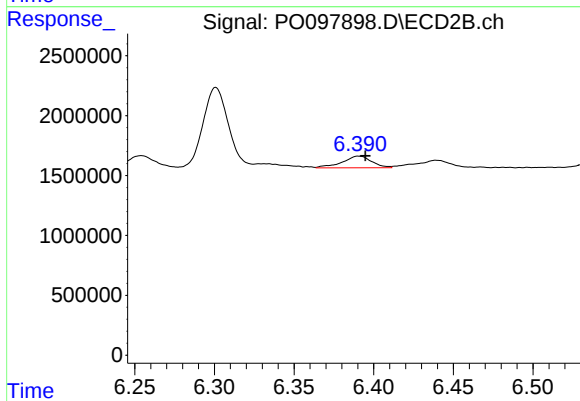
#31 AR-1260-1

R.T.: 6.217 min
Delta R.T.: 0.011 min
Response: 4654459
Conc: 87.48 ng/ml



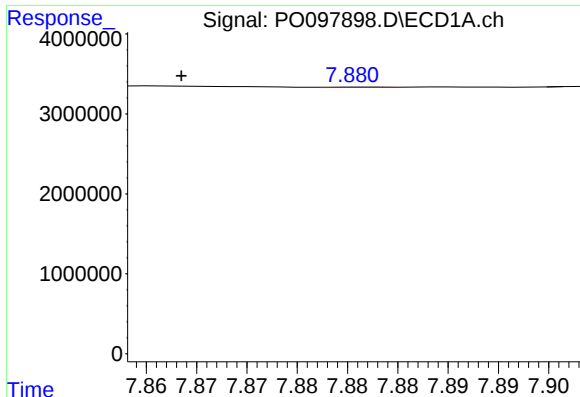
#32 AR-1260-2

R.T.: 7.496 min
Delta R.T.: -0.005 min
Response: 4177997
Conc: 27.64 ng/ml



#32 AR-1260-2

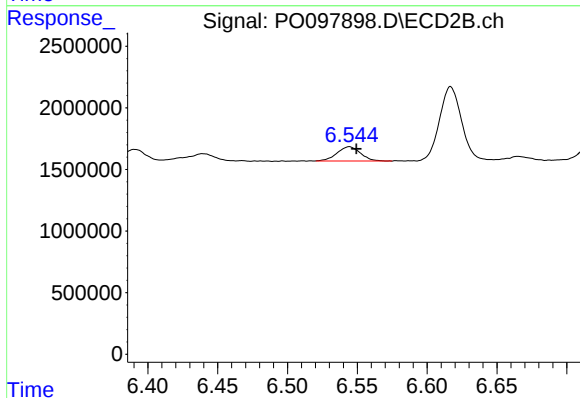
R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 1263976
Conc: 20.19 ng/ml



#33 AR-1260-3

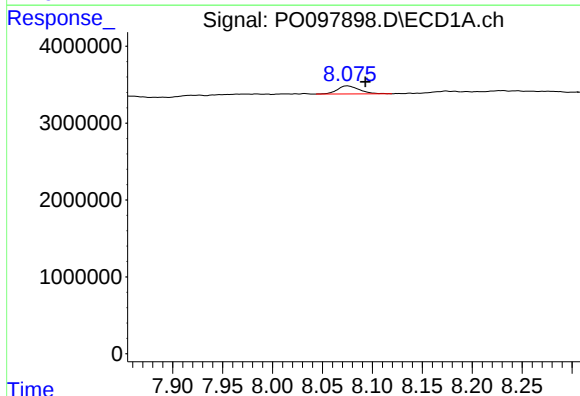
R.T.: 7.882 min
Delta R.T.: 0.018 min
Response: 18015
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



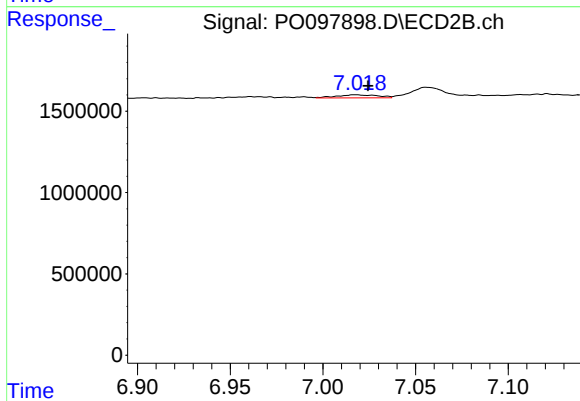
#33 AR-1260-3

R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 1353584
Conc: 23.47 ng/ml



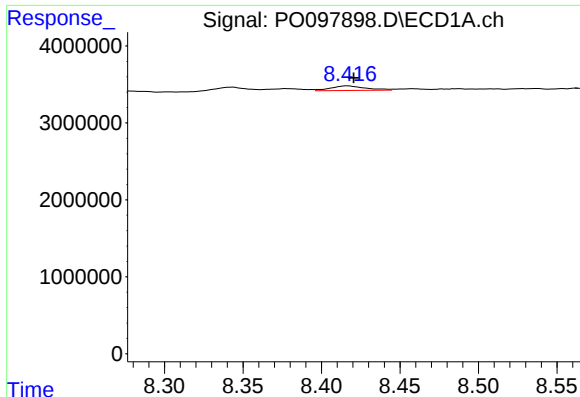
#34 AR-1260-4

R.T.: 8.075 min
Delta R.T.: -0.018 min
Response: 1601142
Conc: 13.47 ng/ml



#34 AR-1260-4

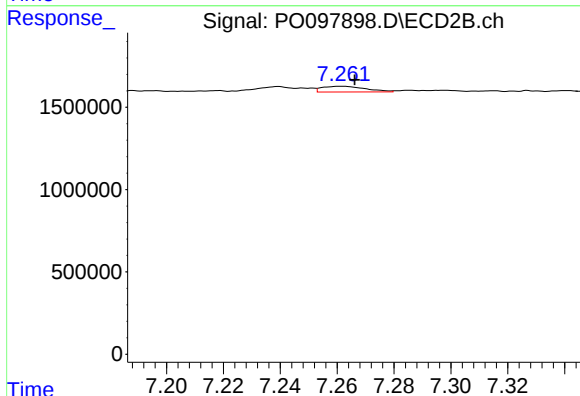
R.T.: 7.018 min
Delta R.T.: -0.007 min
Response: 289782
Conc: 6.18 ng/ml



#35 AR-1260-5

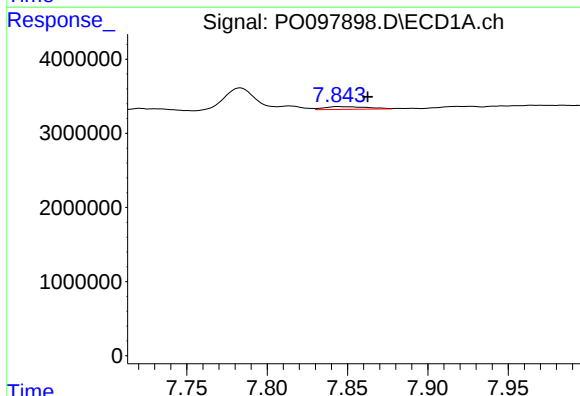
R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 903323
Conc: 4.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



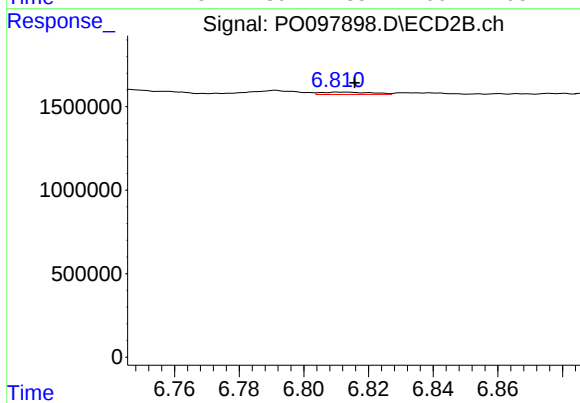
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.004 min
Response: 368342
Conc: 3.72 ng/ml



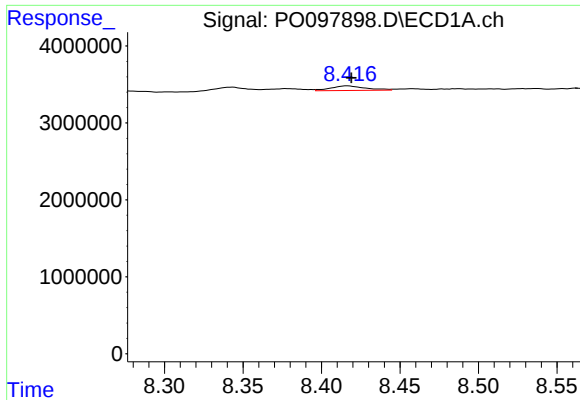
#36 AR-1262-1

R.T.: 7.844 min
Delta R.T.: -0.018 min
Response: 667724
Conc: 4.39 ng/ml



#36 AR-1262-1

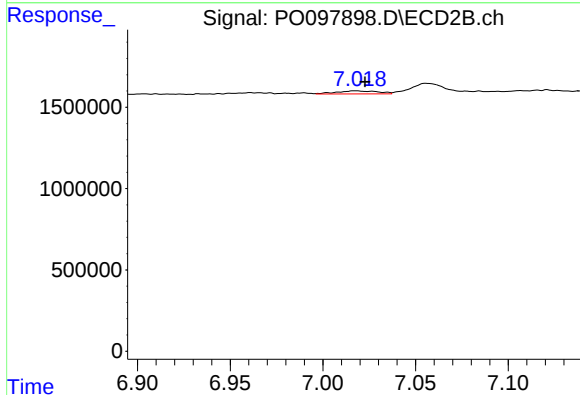
R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 146643
Conc: 5.41 ng/ml



#37 AR-1262-2

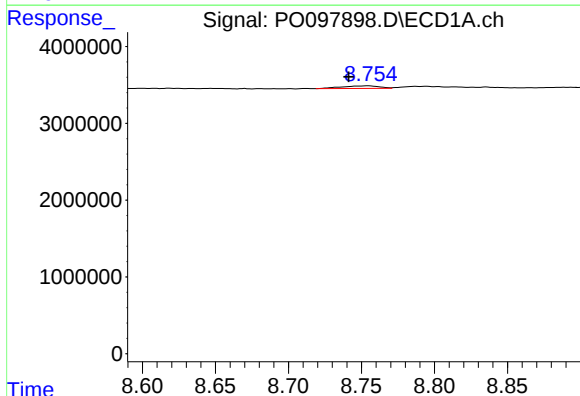
R.T.: 8.417 min
Delta R.T.: -0.002 min
Response: 903323
Conc: 4.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



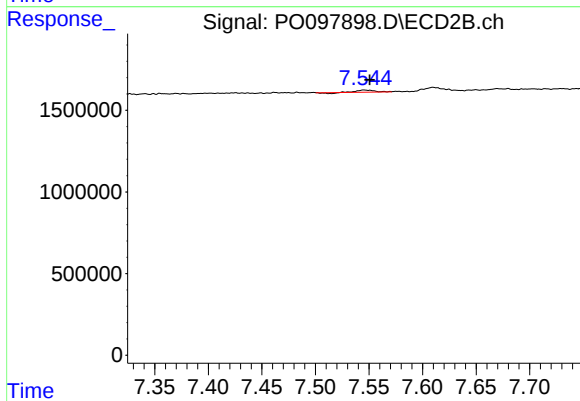
#37 AR-1262-2

R.T.: 7.018 min
Delta R.T.: -0.005 min
Response: 289782
Conc: 4.97 ng/ml



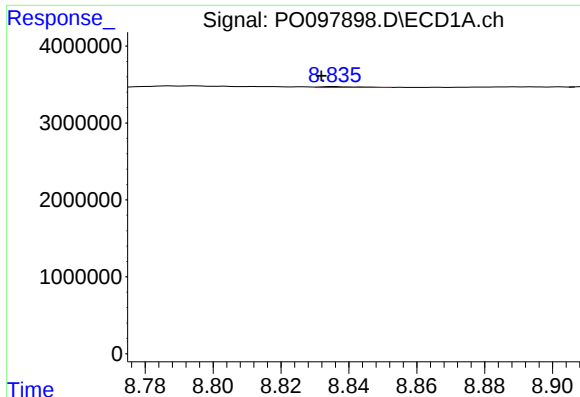
#38 AR-1262-3

R.T.: 8.755 min
Delta R.T.: 0.014 min
Response: 617622
Conc: 3.99 ng/ml



#38 AR-1262-3

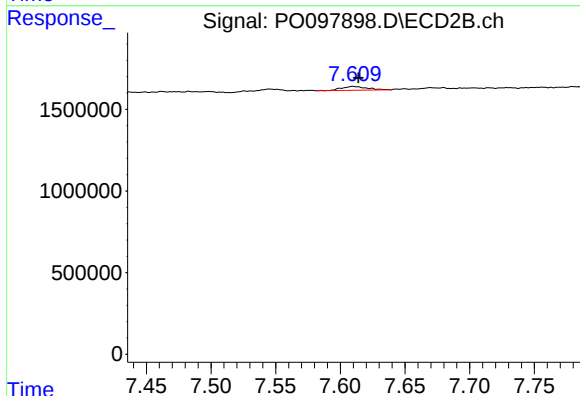
R.T.: 7.546 min
Delta R.T.: -0.005 min
Response: 118222
Conc: 2.71 ng/ml



#39 AR-1262-4

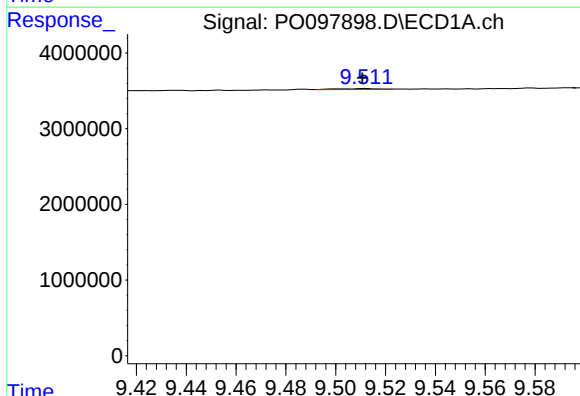
R.T.: 8.836 min
Delta R.T.: 0.004 min
Response: 97145
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



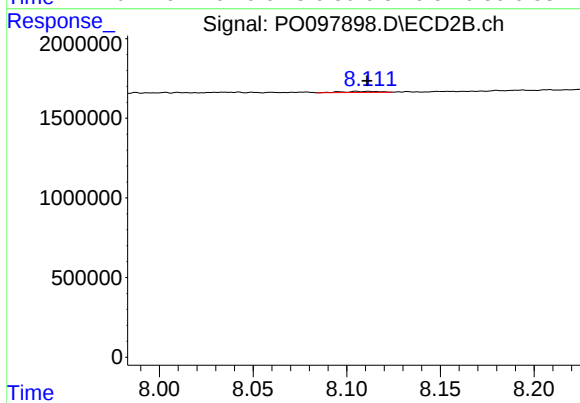
#39 AR-1262-4

R.T.: 7.610 min
Delta R.T.: -0.004 min
Response: 325676
Conc: 4.28 ng/ml



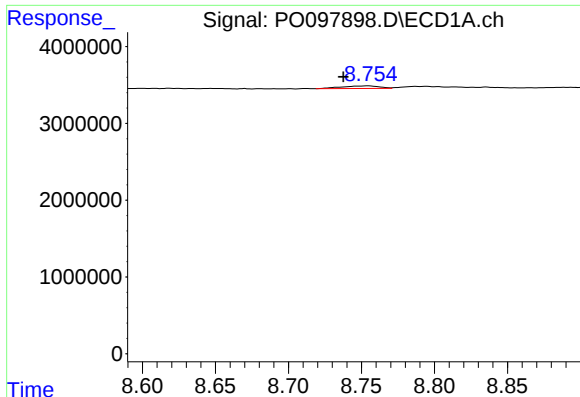
#40 AR-1262-5

R.T.: 9.512 min
Delta R.T.: 0.001 min
Response: 145269
Conc: 2.02 ng/ml



#40 AR-1262-5

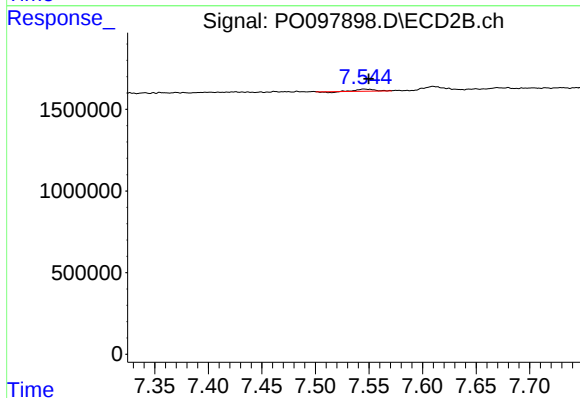
R.T.: 8.105 min
Delta R.T.: -0.006 min
Response: 90217
Conc: 2.88 ng/ml



#41 AR-1268-1

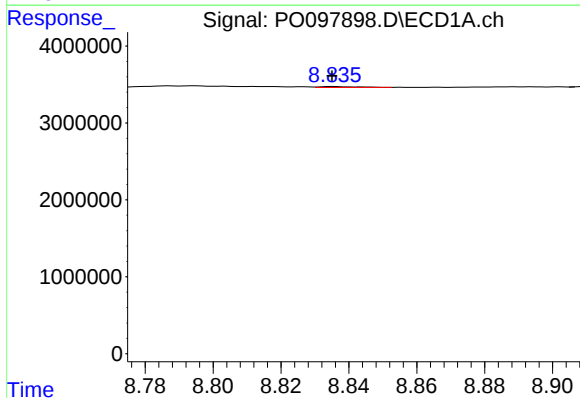
R.T.: 8.755 min
Delta R.T.: 0.017 min
Response: 617622
Conc: 2.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



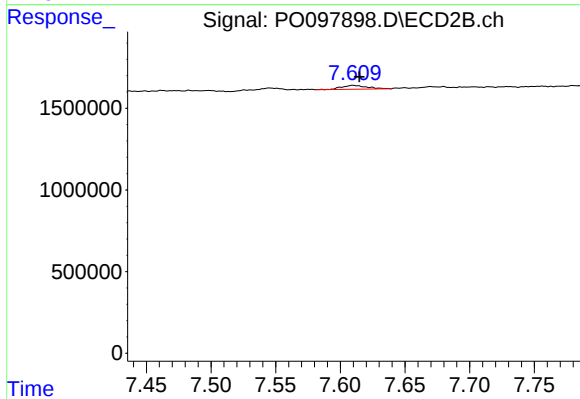
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: -0.004 min
Response: 118222
Conc: 0.90 ng/ml



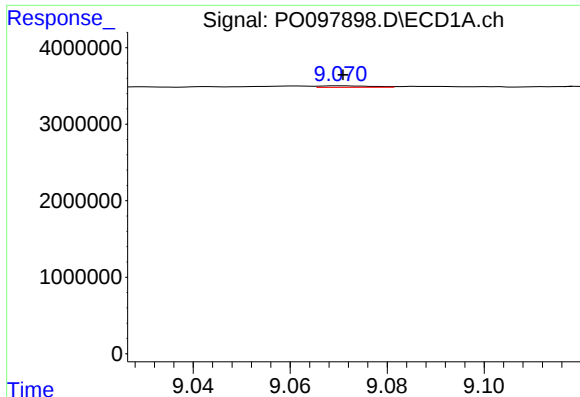
#42 AR-1268-2

R.T.: 8.836 min
Delta R.T.: 0.000 min
Response: 97145
Conc: 0.38 ng/ml



#42 AR-1268-2

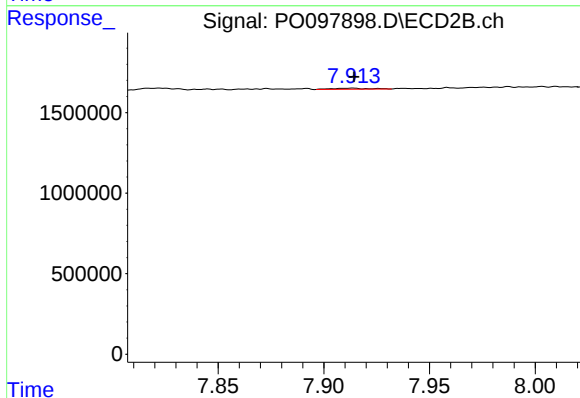
R.T.: 7.610 min
Delta R.T.: -0.005 min
Response: 325676
Conc: 2.83 ng/ml



#43 AR-1268-3

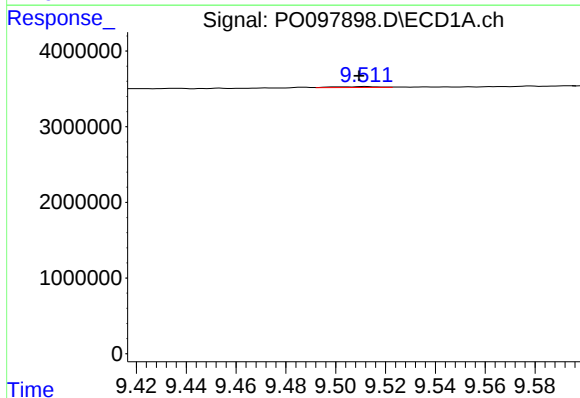
R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 152098
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



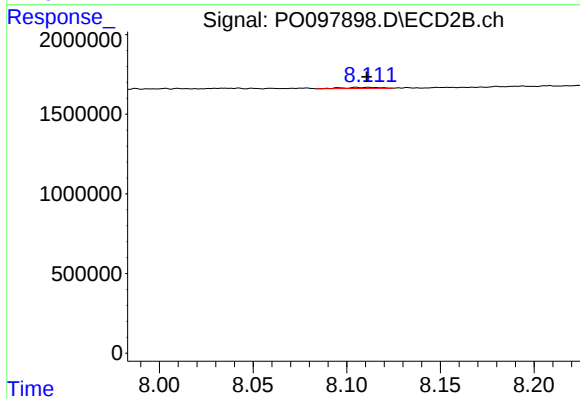
#43 AR-1268-3

R.T.: 7.914 min
Delta R.T.: 0.000 min
Response: 83712
Conc: 3.03 ng/ml



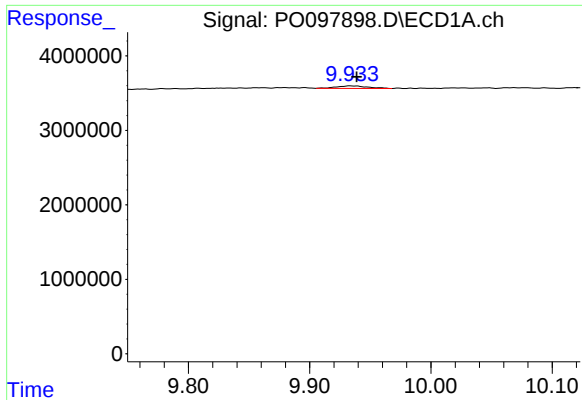
#44 AR-1268-4

R.T.: 9.512 min
Delta R.T.: 0.003 min
Response: 145269
Conc: 1.78 ng/ml



#44 AR-1268-4

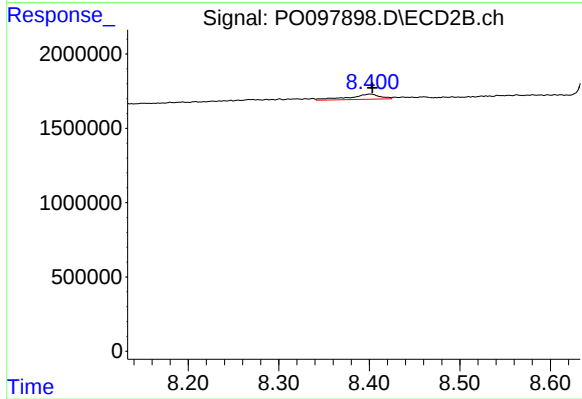
R.T.: 8.105 min
Delta R.T.: -0.006 min
Response: 90217
Conc: 2.56 ng/ml



#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: -0.005 min
Response: 591436
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 825026
Conc: 2.63 ng/ml