

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0030723\
 Data File : P0093009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 09:32
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 14:46:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0022123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 22 05:46:11 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...	4.428	3.633	164.2E6	62764584	54.674	49.240
2)	SA Decachlor...	10.266	8.669	106.4E6	52102738	55.332	44.708
Target Compounds							
3)	L1 AR-1016-1	5.605	4.720	2255879	658137	24.545	16.291 #
4)	L1 AR-1016-2	5.631	4.737	2644187	378139	19.839	6.549 #
5)	L1 AR-1016-3	5.692	4.957f	1278217	13214246	14.722	421.693 #
6)	L1 AR-1016-4	5.790	4.957	697618	13214246	10.683	472.661 #
7)	L1 AR-1016-5	6.088	5.171	21643866	12123075	304.543	341.757
8)	L2 AR-1221-1	4.704f	0.000	804761	0	20.360	N.D. #
9)	L2 AR-1221-2	4.736	3.932	2203423	813031	76.579	67.154
10)	L2 AR-1221-3	4.736f	3.973f	2203423	302216	25.019	8.117 #
11)	L3 AR-1232-1	4.736f	3.973f	2203423	302216	31.356	9.653 #
12)	L3 AR-1232-2	5.335	4.737	771579	378139	22.435	14.037 #
13)	L3 AR-1232-3	5.631	4.957f	2644187	13214246	43.252	942.683 #
14)	L3 AR-1232-4	5.790	4.998	697618	4608959	23.636	324.084 #
15)	L3 AR-1232-5	5.882	5.171	35116307	12123075	1352.256	779.607 #
16)	L4 AR-1242-1	5.605	4.720	2255879	658137	28.591	19.598 #
17)	L4 AR-1242-2	5.631	4.737	2644187	378139	22.987	7.886 #
18)	L4 AR-1242-3	5.692	4.957f	1278217	13214246	17.315	507.464 #
19)	L4 AR-1242-4	5.790	4.998	697618	4608959	12.595	159.836 #
20)	L4 AR-1242-5	6.537	5.525	26313426	38044307	449.243	1215.897 #
21)	L5 AR-1248-1	5.605	4.720	2255879	658137	36.800	25.134 #
22)	L5 AR-1248-2	5.882	4.957	35116307	13214246	364.888	326.611
23)	L5 AR-1248-3	6.088	4.998	21643866	4608959	210.917	109.358 #
24)	L5 AR-1248-4	6.495	5.171	29864834	12123075	298.413	250.980
25)	L5 AR-1248-5	6.537	5.564	26313426	5452536	259.940	130.641 #
26)	L6 AR-1254-1	6.470	5.525	55876001	38044307	492.814	543.403
27)	L6 AR-1254-2	6.690	5.673	89555719	31716683	538.829	505.536
28)	L6 AR-1254-3	7.059	6.078	87027826	46767014	531.627	485.148
29)	L6 AR-1254-4	7.347	6.308	44664426	26417989	430.363	511.953
30)	L6 AR-1254-5	7.771	6.728	64168733	40254282	523.384	495.796
31)	L7 AR-1260-1	7.225	6.209	34026999	24160706	278.842	354.635 #
32)	L7 AR-1260-2	7.485	6.398	35811475	20432612	243.650	254.192
33)	L7 AR-1260-3	7.771	6.551	64168733	19544453	408.233	242.124 #
34)	L7 AR-1260-4	8.062	7.026	24429916	1999245	208.560	32.844 #
35)	L7 AR-1260-5	8.402	7.269	8114751	4891220	39.128	38.312
36)	L8 AR-1262-1	7.771	6.728	64168733	40254282	665.778	963.025 #
37)	L8 AR-1262-2	8.402	7.269	8114751	4891220	34.537	37.057
38)	L8 AR-1262-3	8.737	7.559	6853265	447070	40.876	7.762 #
39)	L8 AR-1262-4	8.784	7.617	2823533	4490278	19.690	44.737 #
40)	L8 AR-1262-5	0.000	8.117	0	367180	N.D.	8.001 #
41)	L9 AR-1268-1	8.737	7.559	6853265	447070	21.929	2.602 #

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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	8.784	7.617	2823533	4490278	9.546	29.497 #
44) L9	AR-1268-4	0.000	8.117	0	367180	N.D.	6.796 #

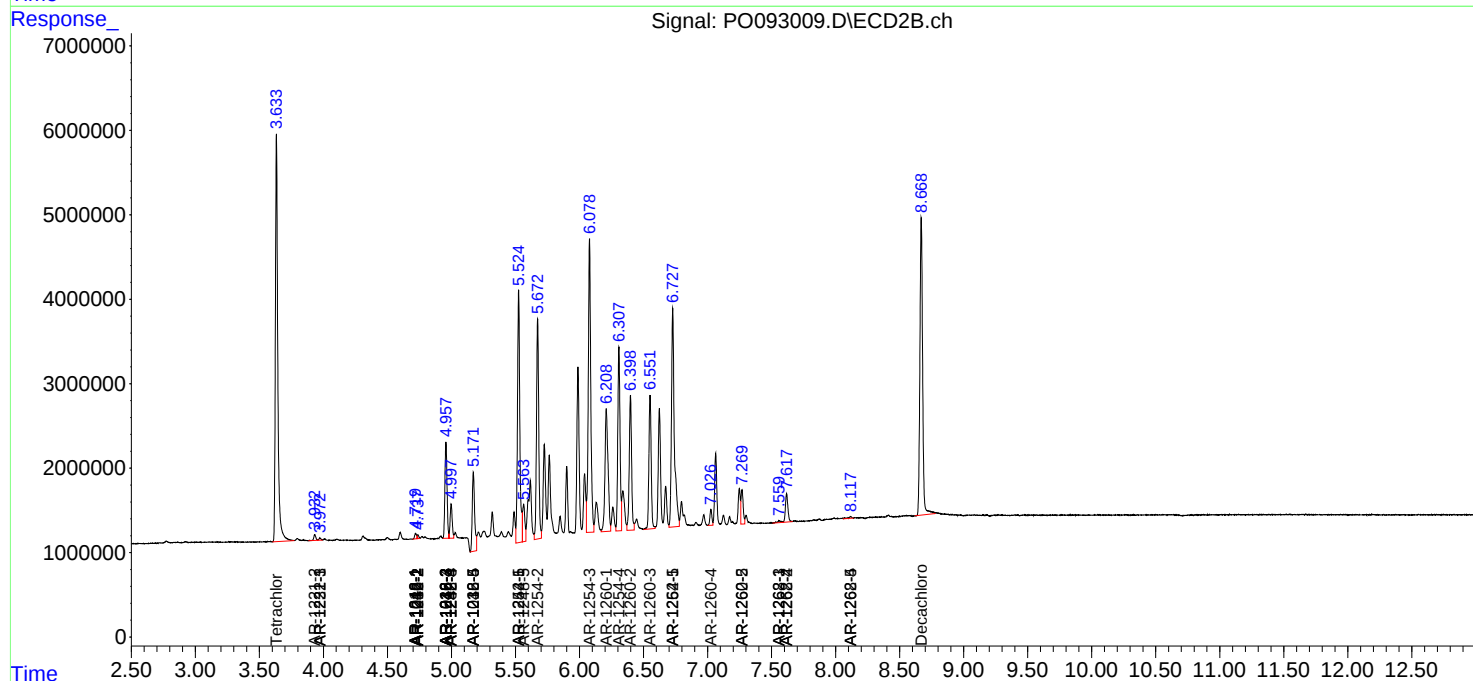
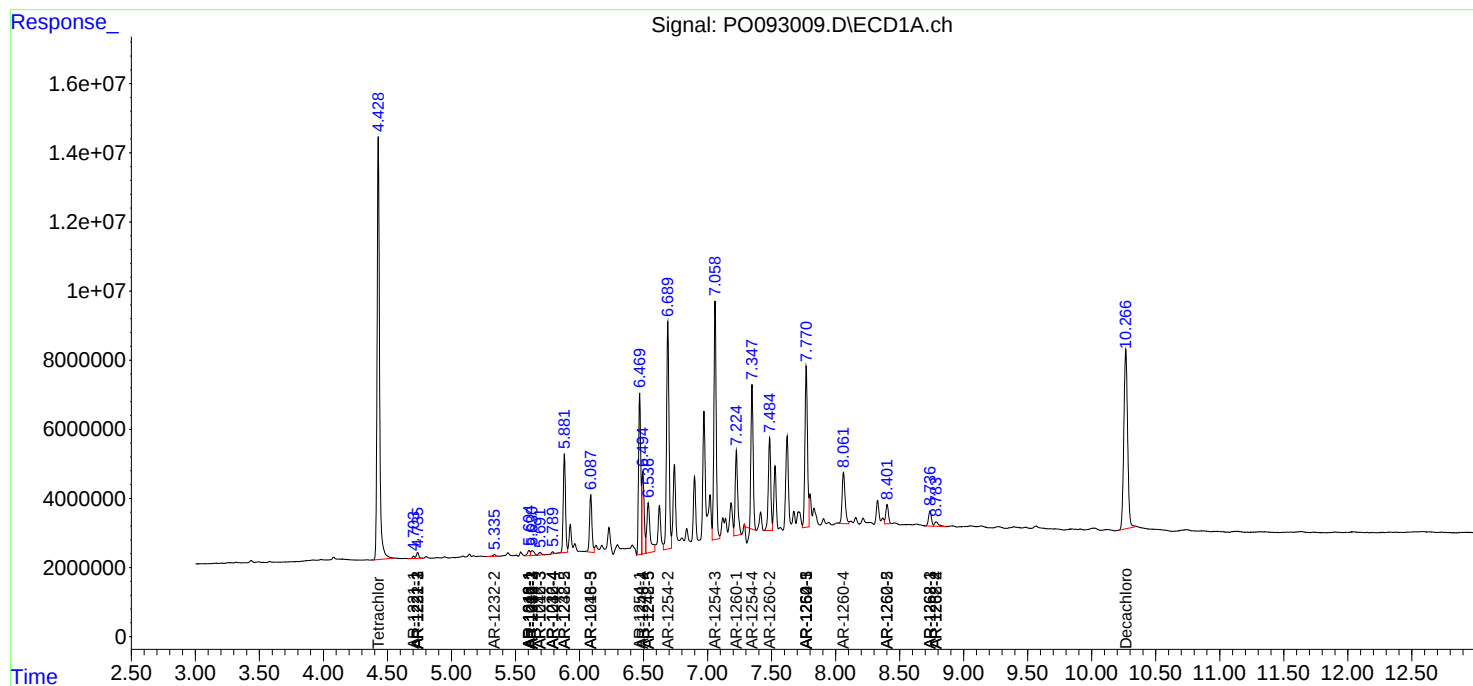
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

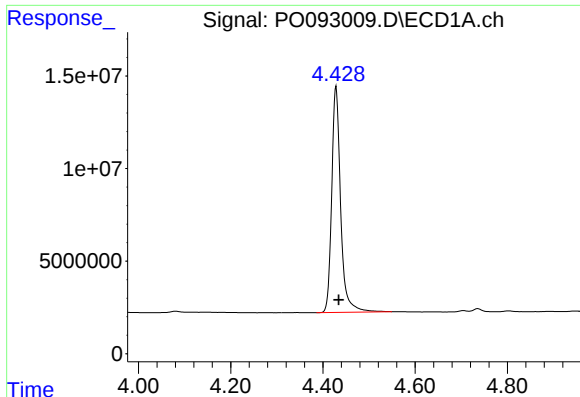
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030723\
Data File : P0093009.D
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

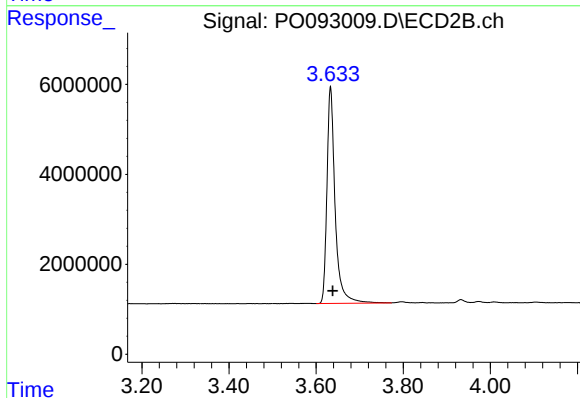




#1 Tetrachloro-m-xylene

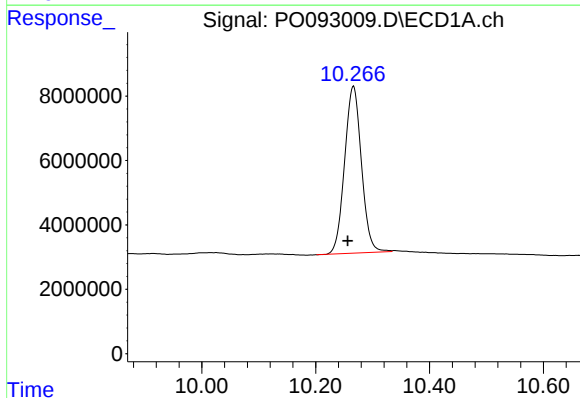
R.T.: 4.428 min
Delta R.T.: -0.006 min
Response: 164172289
Conc: 54.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



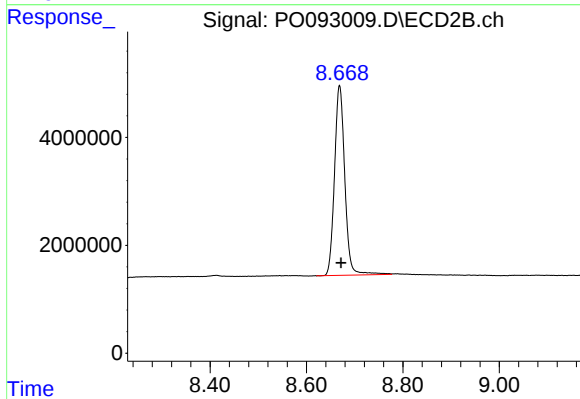
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: -0.005 min
Response: 62764584
Conc: 49.24 ng/ml



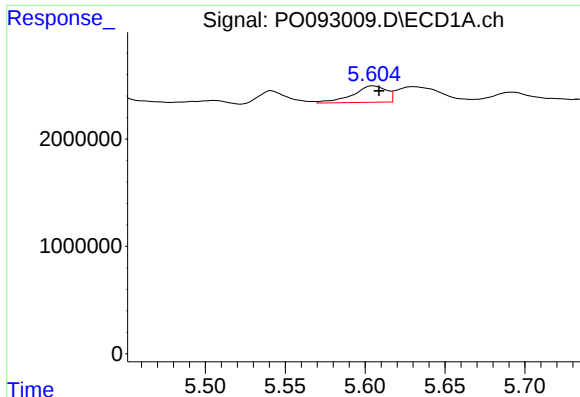
#2 Decachlorobiphenyl

R.T.: 10.266 min
Delta R.T.: 0.010 min
Response: 106430392
Conc: 55.33 ng/ml



#2 Decachlorobiphenyl

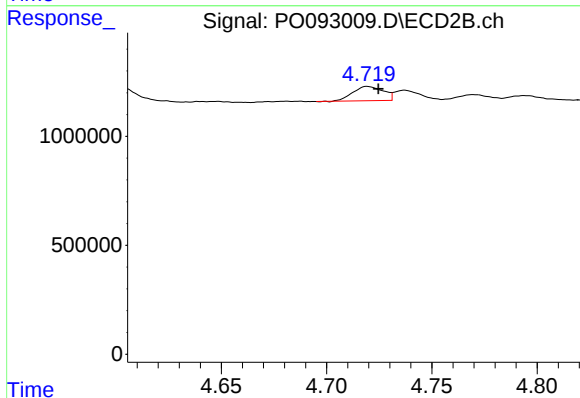
R.T.: 8.669 min
Delta R.T.: -0.003 min
Response: 52102738
Conc: 44.71 ng/ml



#3 AR-1016-1

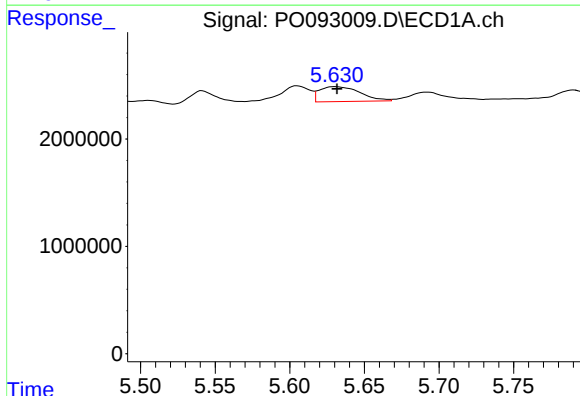
R.T.: 5.605 min
Delta R.T.: -0.004 min
Response: 2255879
Conc: 24.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



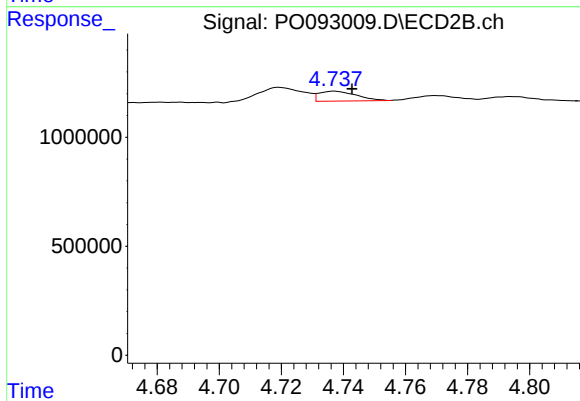
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 658137
Conc: 16.29 ng/ml



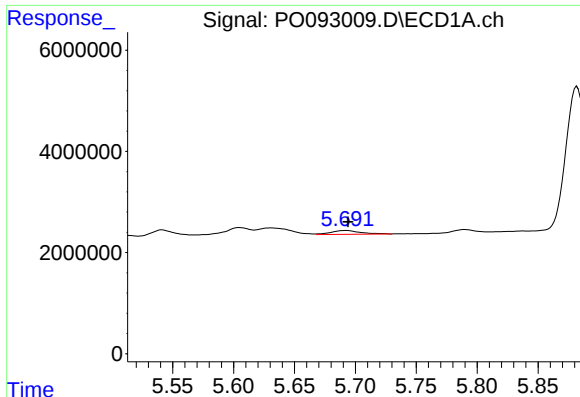
#4 AR-1016-2

R.T.: 5.631 min
Delta R.T.: -0.001 min
Response: 2644187
Conc: 19.84 ng/ml



#4 AR-1016-2

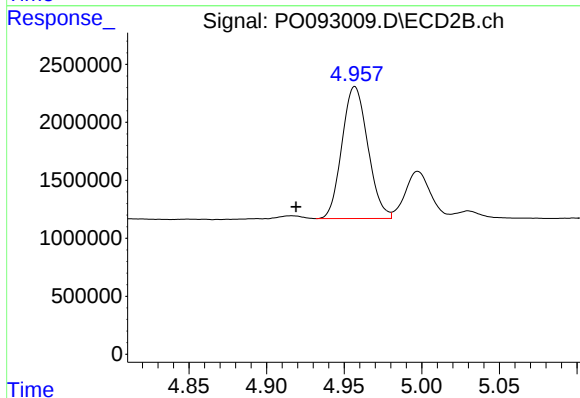
R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 378139
Conc: 6.55 ng/ml



#5 AR-1016-3

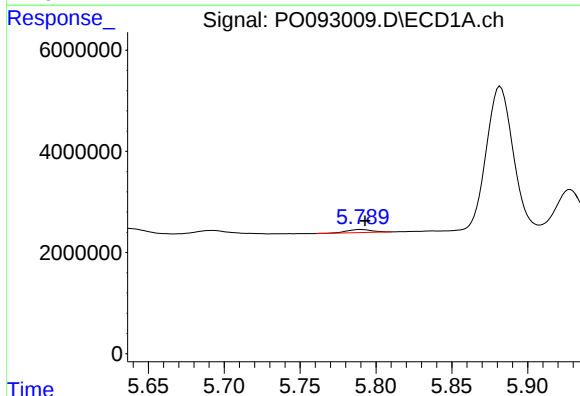
R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 1278217
Conc: 14.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



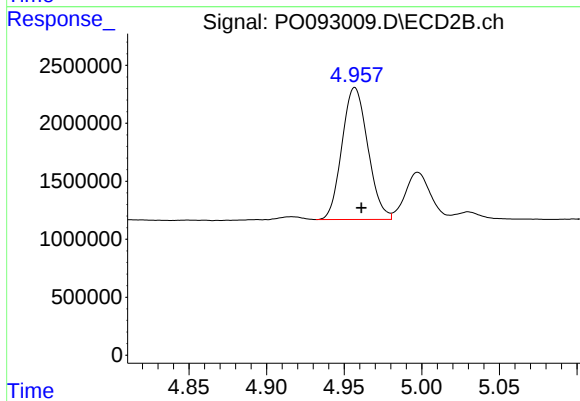
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: 0.038 min
Response: 13214246
Conc: 421.69 ng/ml



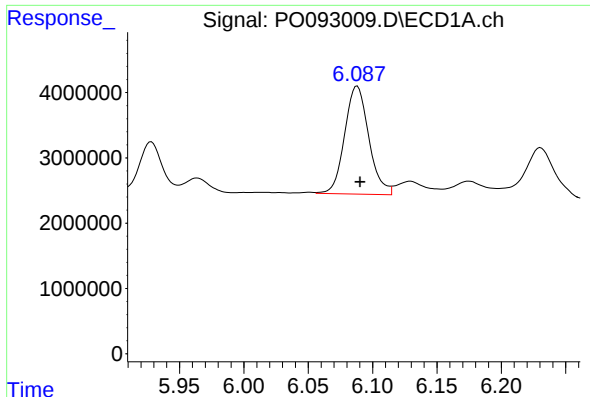
#6 AR-1016-4

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 697618
Conc: 10.68 ng/ml



#6 AR-1016-4

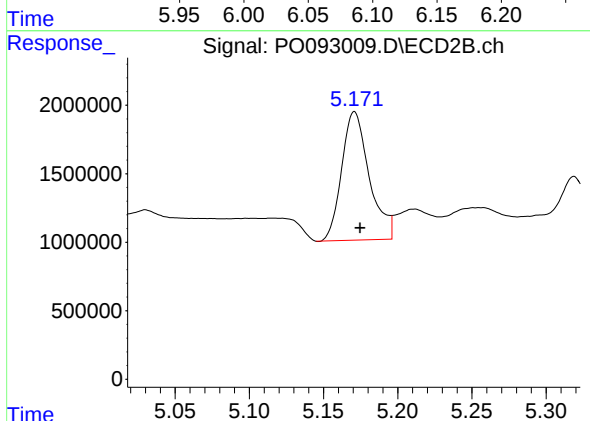
R.T.: 4.957 min
Delta R.T.: -0.004 min
Response: 13214246
Conc: 472.66 ng/ml



#7 AR-1016-5

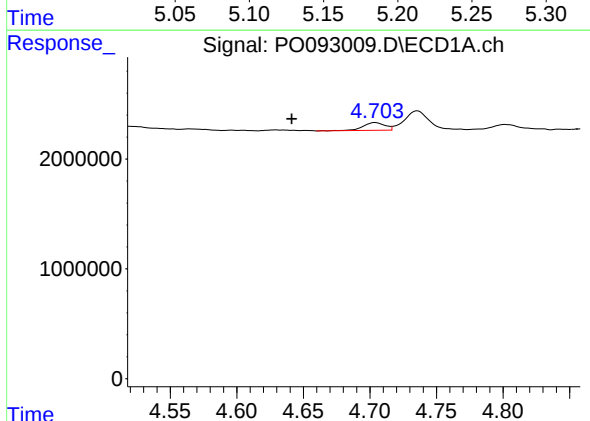
R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 21643866
Conc: 304.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



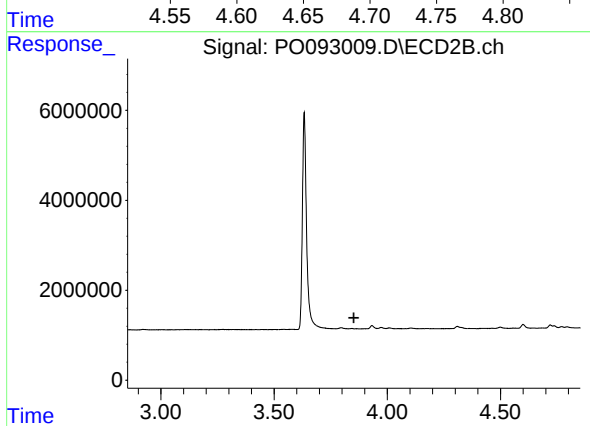
#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.004 min
Response: 12123075
Conc: 341.76 ng/ml



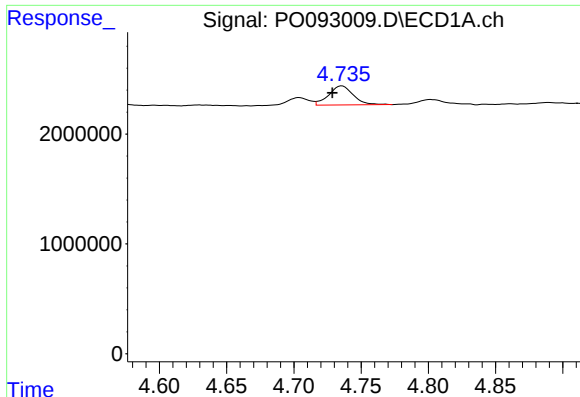
#8 AR-1221-1

R.T.: 4.704 min
Delta R.T.: 0.063 min
Response: 804761
Conc: 20.36 ng/ml



#8 AR-1221-1

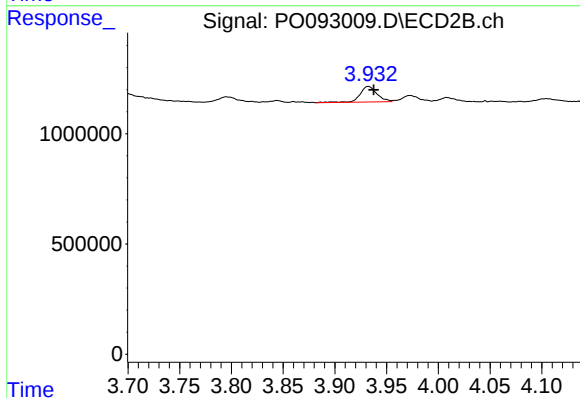
R.T.: 0.000 min
Exp R.T. : 3.852 min
Response: 0
Conc: N.D.



#9 AR-1221-2

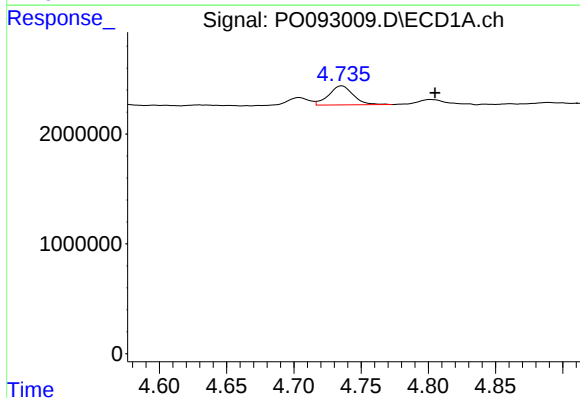
R.T.: 4.736 min
Delta R.T.: 0.007 min
Response: 2203423
Conc: 76.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



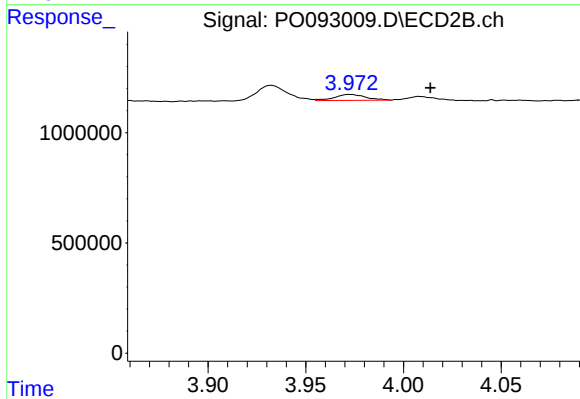
#9 AR-1221-2

R.T.: 3.932 min
Delta R.T.: -0.005 min
Response: 813031
Conc: 67.15 ng/ml



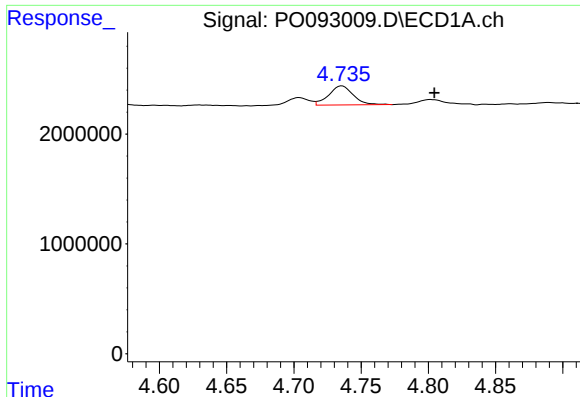
#10 AR-1221-3

R.T.: 4.736 min
Delta R.T.: -0.069 min
Response: 2203423
Conc: 25.02 ng/ml



#10 AR-1221-3

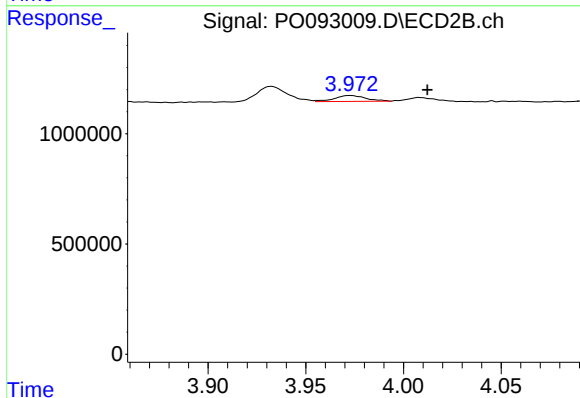
R.T.: 3.973 min
Delta R.T.: -0.041 min
Response: 302216
Conc: 8.12 ng/ml



#11 AR-1232-1

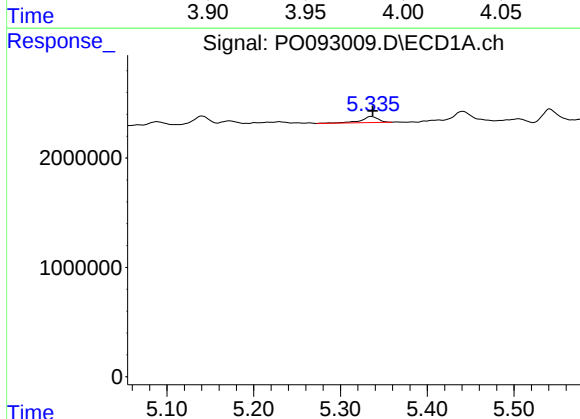
R.T.: 4.736 min
Delta R.T.: -0.069 min
Response: 2203423
Conc: 31.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



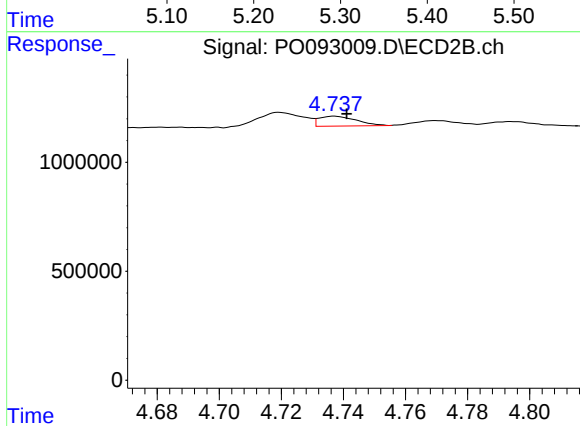
#11 AR-1232-1

R.T.: 3.973 min
Delta R.T.: -0.040 min
Response: 302216
Conc: 9.65 ng/ml



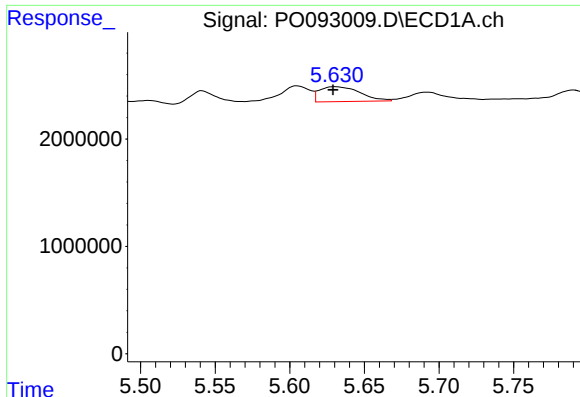
#12 AR-1232-2

R.T.: 5.335 min
Delta R.T.: -0.002 min
Response: 771579
Conc: 22.44 ng/ml



#12 AR-1232-2

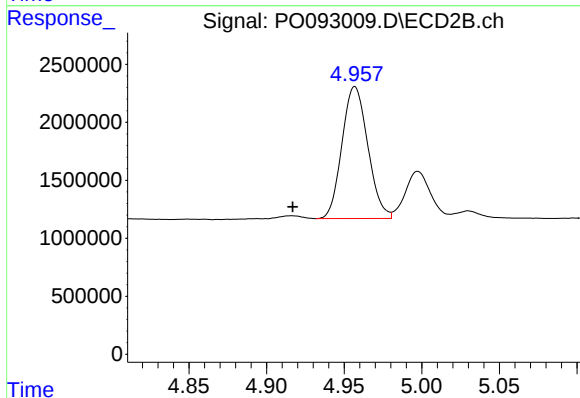
R.T.: 4.737 min
Delta R.T.: -0.004 min
Response: 378139
Conc: 14.04 ng/ml



#13 AR-1232-3

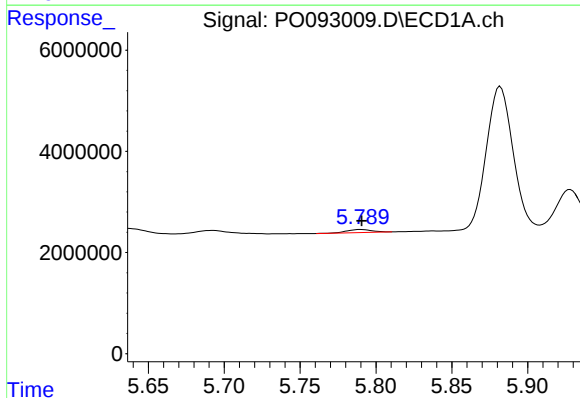
R.T.: 5.631 min
Delta R.T.: 0.002 min
Response: 2644187
Conc: 43.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



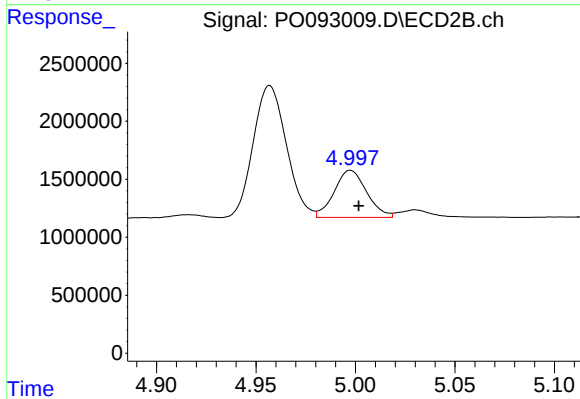
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: 0.040 min
Response: 13214246
Conc: 942.68 ng/ml



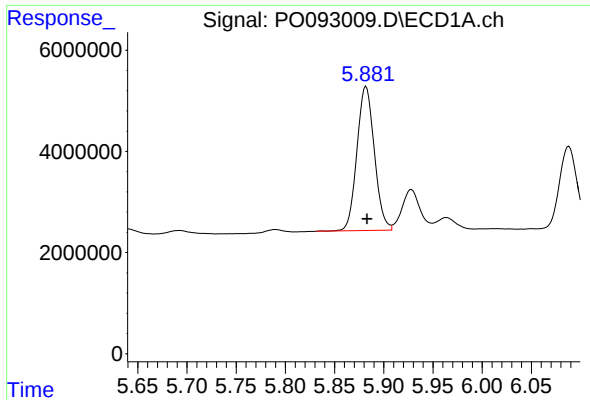
#14 AR-1232-4

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 697618
Conc: 23.64 ng/ml



#14 AR-1232-4

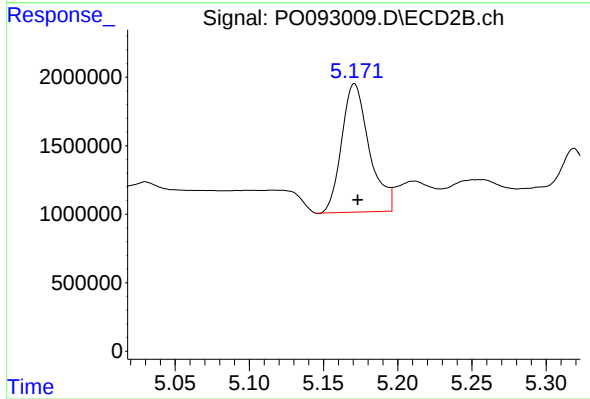
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 4608959
Conc: 324.08 ng/ml



#15 AR-1232-5

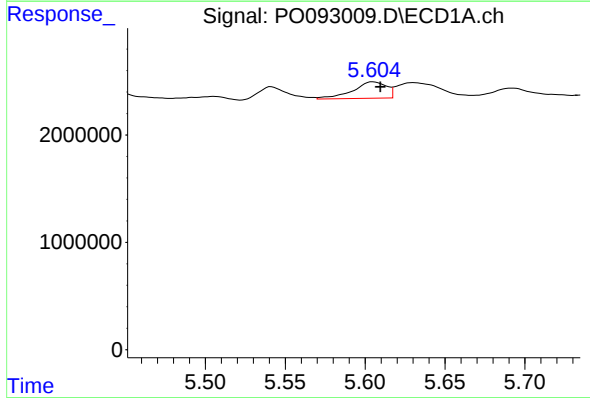
R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 35116307
Conc: 1352.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



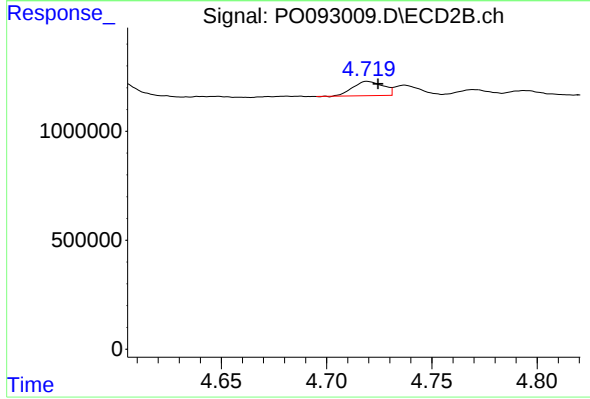
#15 AR-1232-5

R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 12123075
Conc: 779.61 ng/ml



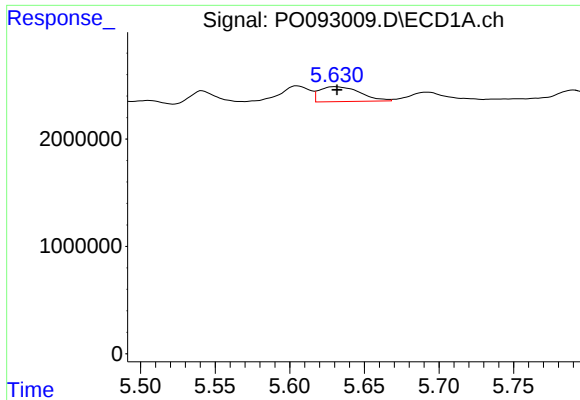
#16 AR-1242-1

R.T.: 5.605 min
Delta R.T.: -0.005 min
Response: 2255879
Conc: 28.59 ng/ml



#16 AR-1242-1

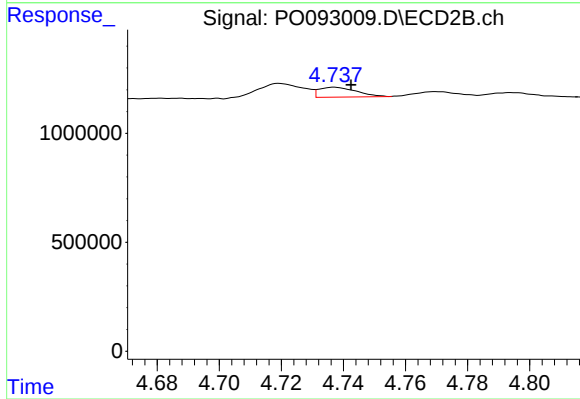
R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 658137
Conc: 19.60 ng/ml



#17 AR-1242-2

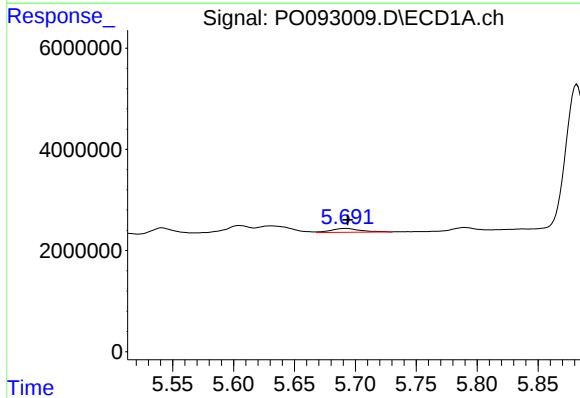
R.T.: 5.631 min
Delta R.T.: -0.001 min
Response: 2644187
Conc: 22.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



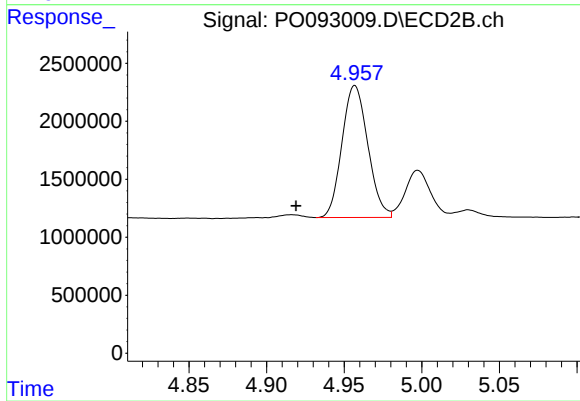
#17 AR-1242-2

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 378139
Conc: 7.89 ng/ml



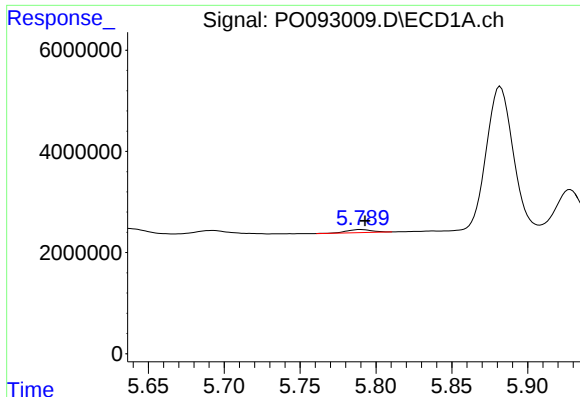
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 1278217
Conc: 17.31 ng/ml



#18 AR-1242-3

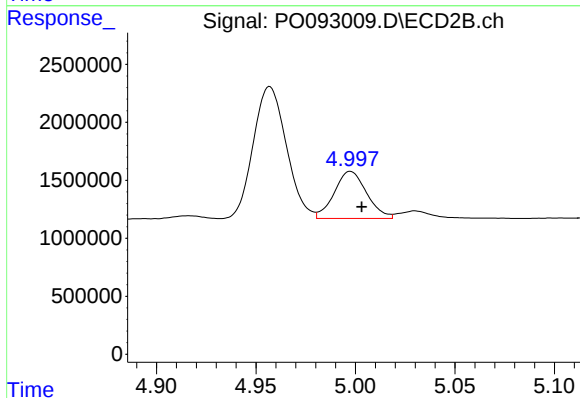
R.T.: 4.957 min
Delta R.T.: 0.038 min
Response: 13214246
Conc: 507.46 ng/ml



#19 AR-1242-4

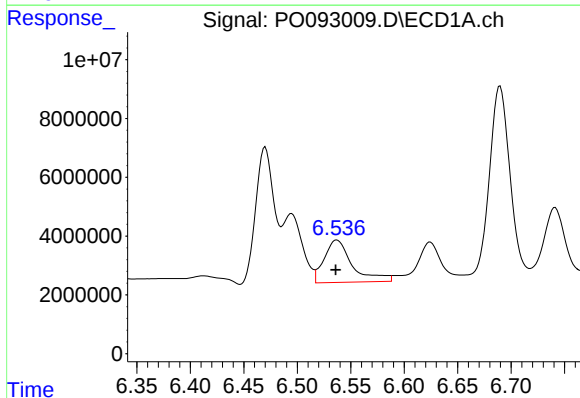
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 697618
Conc: 12.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



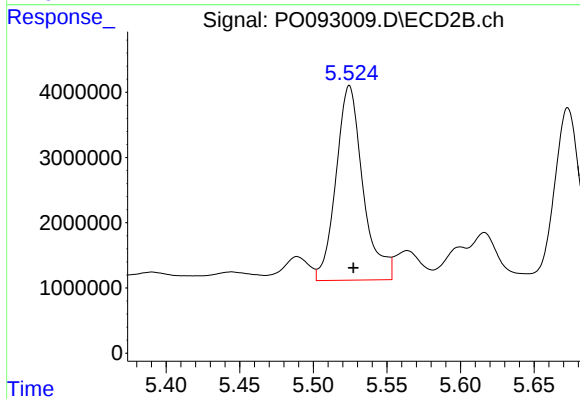
#19 AR-1242-4

R.T.: 4.998 min
Delta R.T.: -0.006 min
Response: 4608959
Conc: 159.84 ng/ml



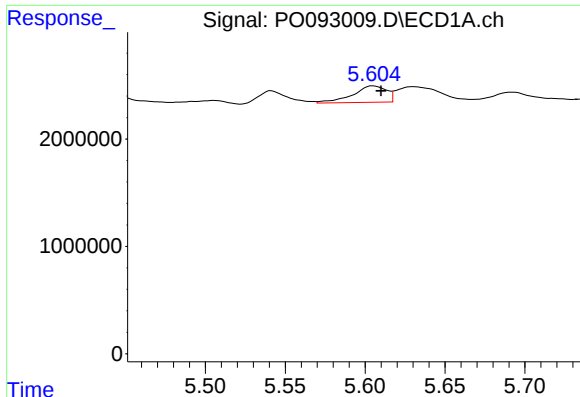
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.001 min
Response: 26313426
Conc: 449.24 ng/ml



#20 AR-1242-5

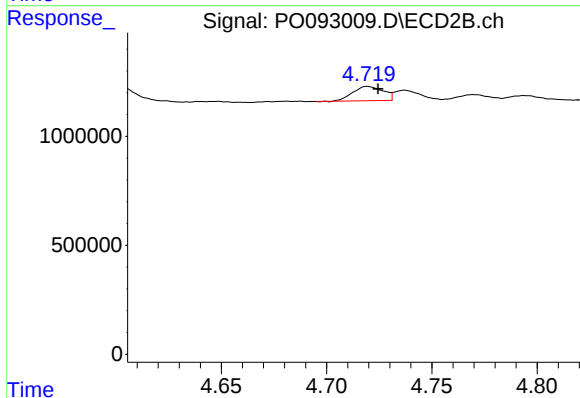
R.T.: 5.525 min
Delta R.T.: -0.003 min
Response: 38044307
Conc: 1215.90 ng/ml



#21 AR-1248-1

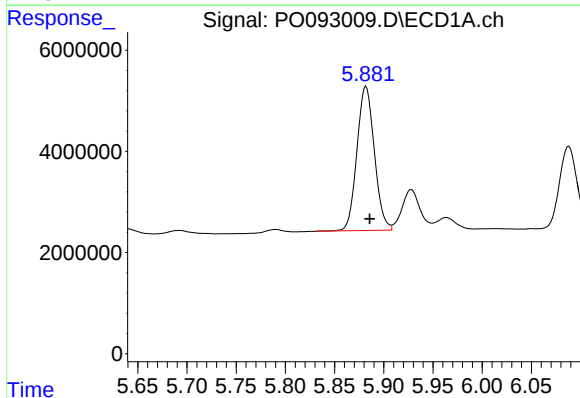
R.T.: 5.605 min
Delta R.T.: -0.005 min
Response: 2255879
Conc: 36.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



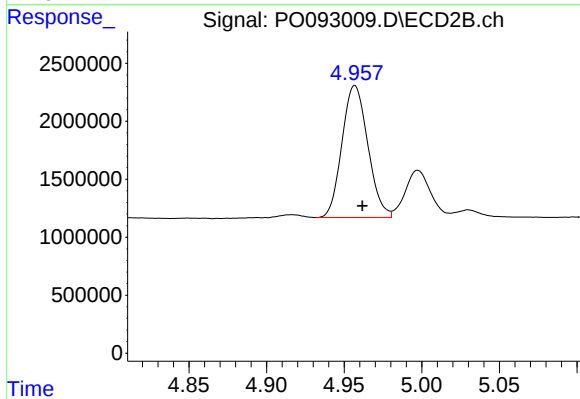
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 658137
Conc: 25.13 ng/ml



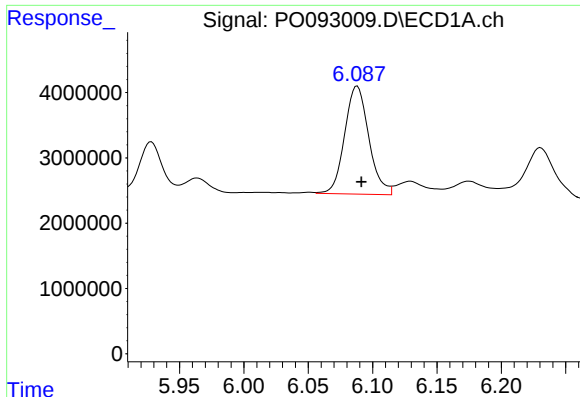
#22 AR-1248-2

R.T.: 5.882 min
Delta R.T.: -0.004 min
Response: 35116307
Conc: 364.89 ng/ml



#22 AR-1248-2

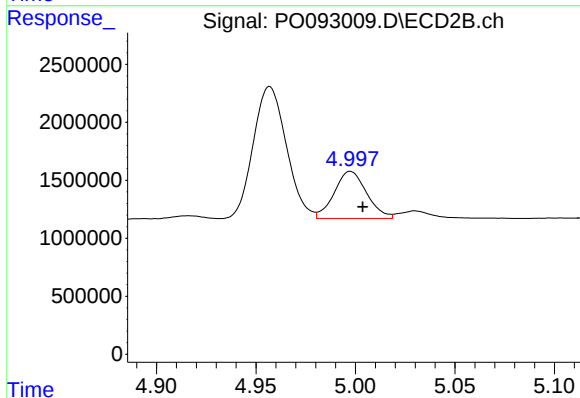
R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 13214246
Conc: 326.61 ng/ml



#23 AR-1248-3

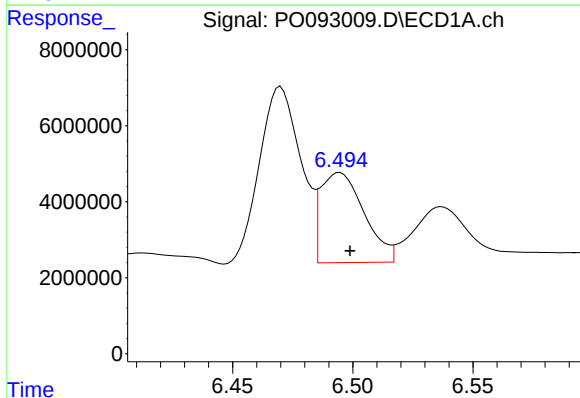
R.T.: 6.088 min
Delta R.T.: -0.003 min
Response: 21643866
Conc: 210.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



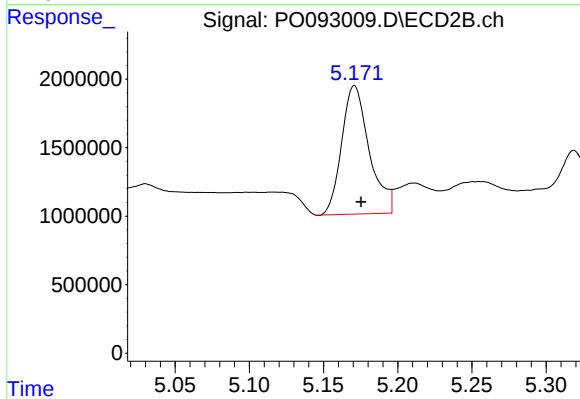
#23 AR-1248-3

R.T.: 4.998 min
Delta R.T.: -0.006 min
Response: 4608959
Conc: 109.36 ng/ml



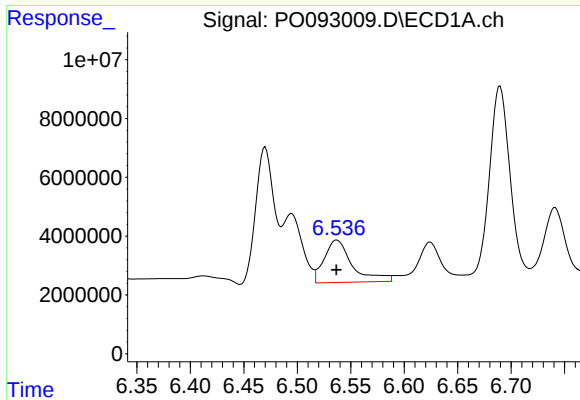
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 29864834
Conc: 298.41 ng/ml



#24 AR-1248-4

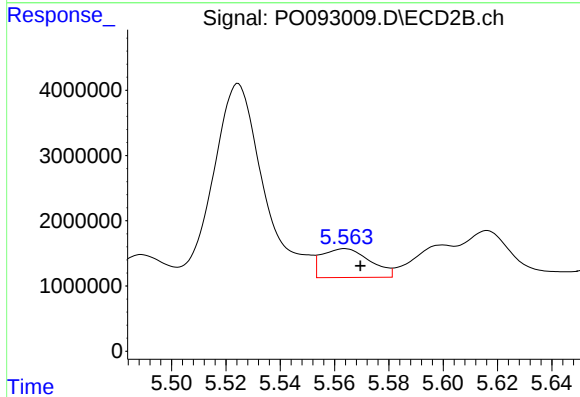
R.T.: 5.171 min
Delta R.T.: -0.004 min
Response: 12123075
Conc: 250.98 ng/ml



#25 AR-1248-5

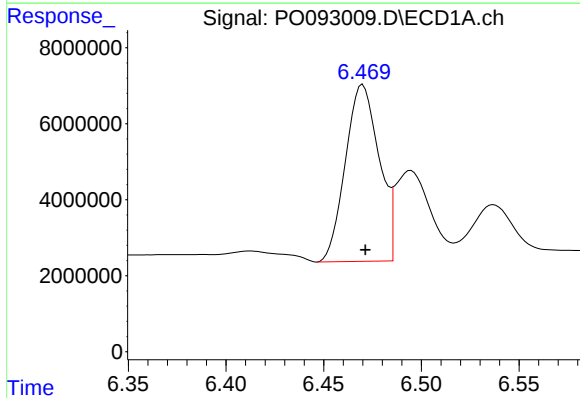
R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 26313426
Conc: 259.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



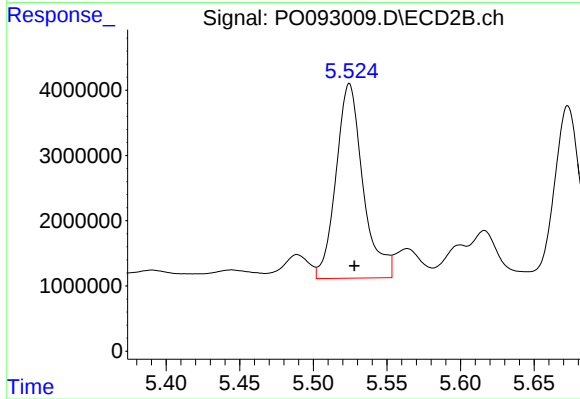
#25 AR-1248-5

R.T.: 5.564 min
Delta R.T.: -0.006 min
Response: 5452536
Conc: 130.64 ng/ml



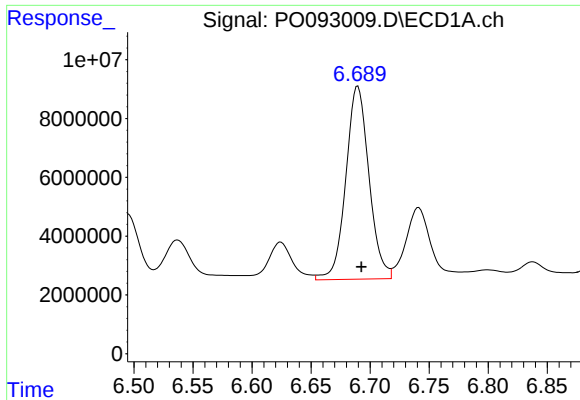
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 55876001
Conc: 492.81 ng/ml



#26 AR-1254-1

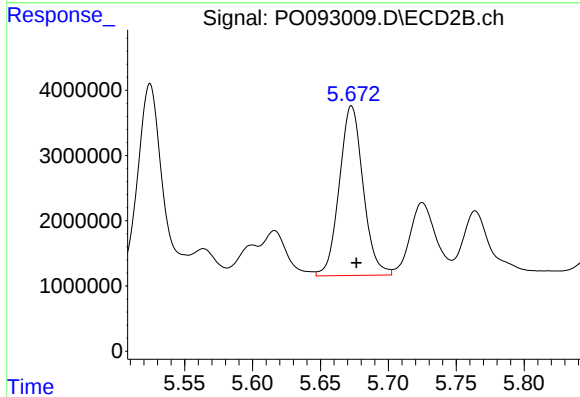
R.T.: 5.525 min
Delta R.T.: -0.003 min
Response: 38044307
Conc: 543.40 ng/ml



#27 AR-1254-2

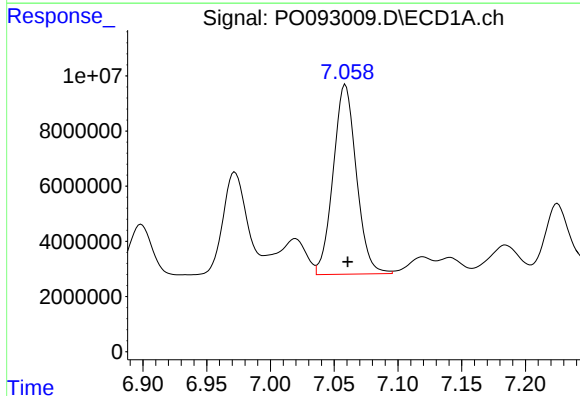
R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 89555719
Conc: 538.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



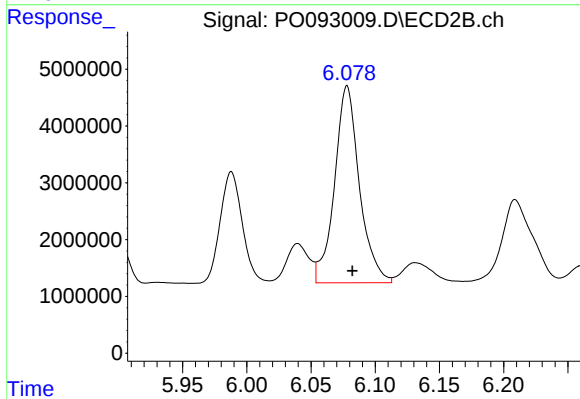
#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 31716683
Conc: 505.54 ng/ml



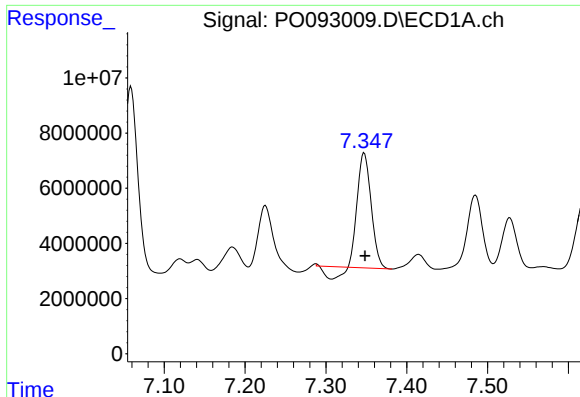
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: -0.002 min
Response: 87027826
Conc: 531.63 ng/ml



#28 AR-1254-3

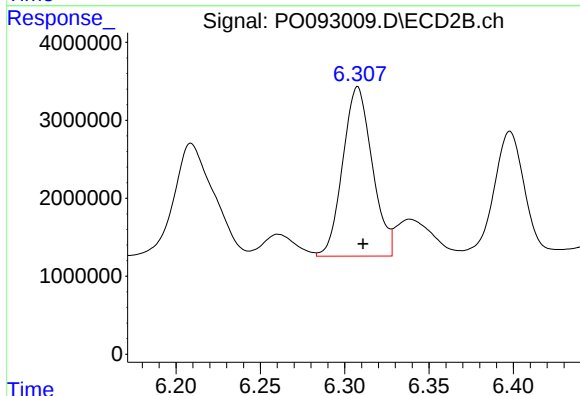
R.T.: 6.078 min
Delta R.T.: -0.004 min
Response: 46767014
Conc: 485.15 ng/ml



#29 AR-1254-4

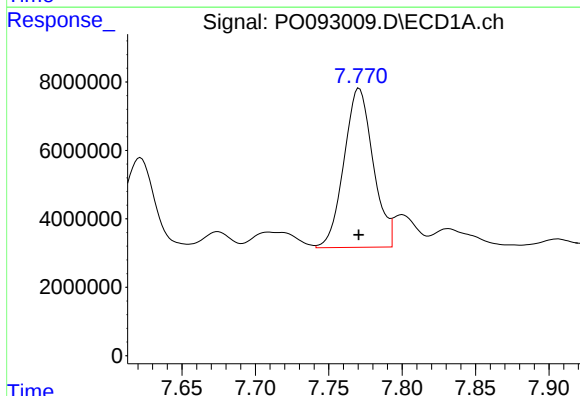
R.T.: 7.347 min
Delta R.T.: -0.001 min
Response: 44664426
Conc: 430.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



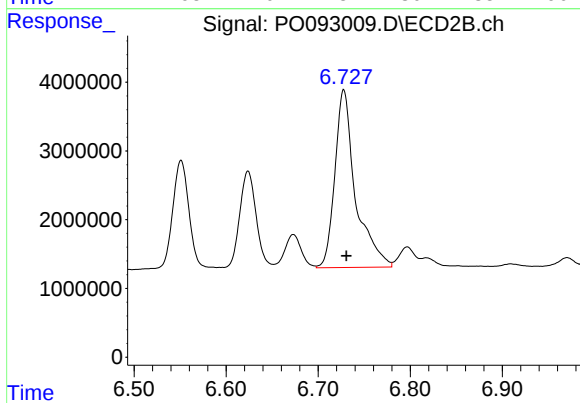
#29 AR-1254-4

R.T.: 6.308 min
Delta R.T.: -0.003 min
Response: 26417989
Conc: 511.95 ng/ml



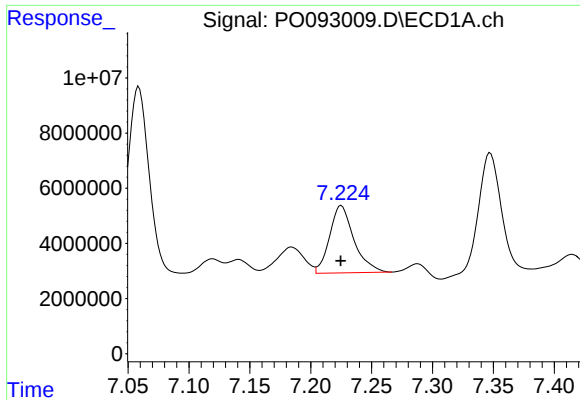
#30 AR-1254-5

R.T.: 7.771 min
Delta R.T.: 0.000 min
Response: 64168733
Conc: 523.38 ng/ml



#30 AR-1254-5

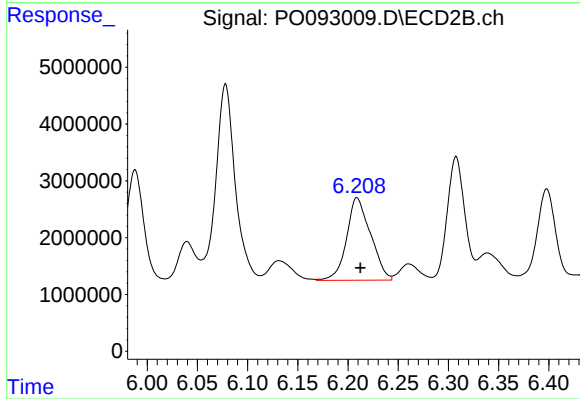
R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 40254282
Conc: 495.80 ng/ml



#31 AR-1260-1

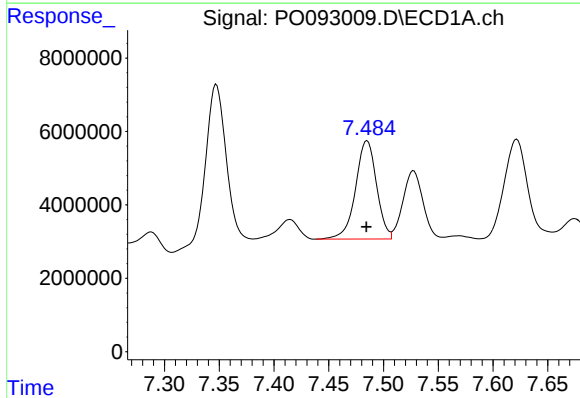
R.T.: 7.225 min
Delta R.T.: 0.000 min
Response: 34026999
Conc: 278.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



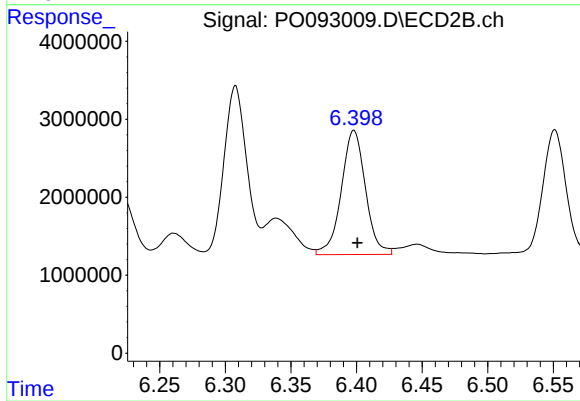
#31 AR-1260-1

R.T.: 6.209 min
Delta R.T.: -0.003 min
Response: 24160706
Conc: 354.64 ng/ml



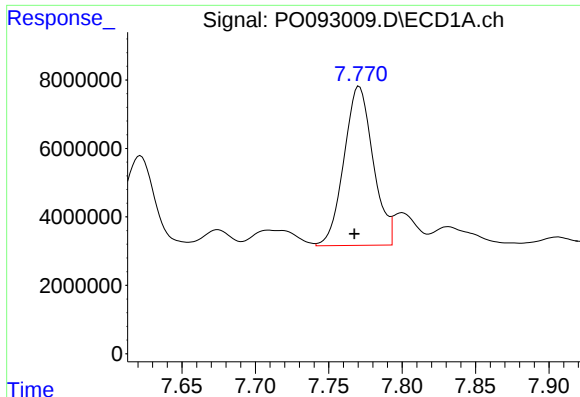
#32 AR-1260-2

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 35811475
Conc: 243.65 ng/ml



#32 AR-1260-2

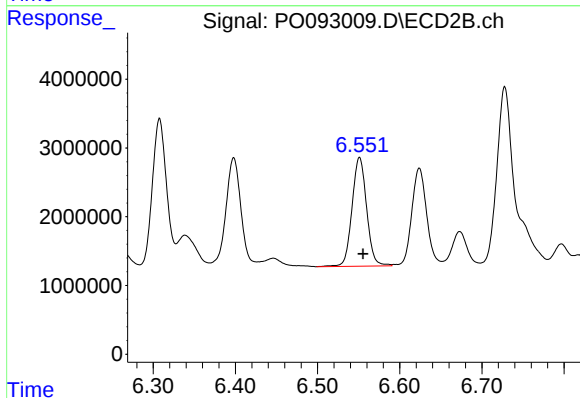
R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 20432612
Conc: 254.19 ng/ml



#33 AR-1260-3

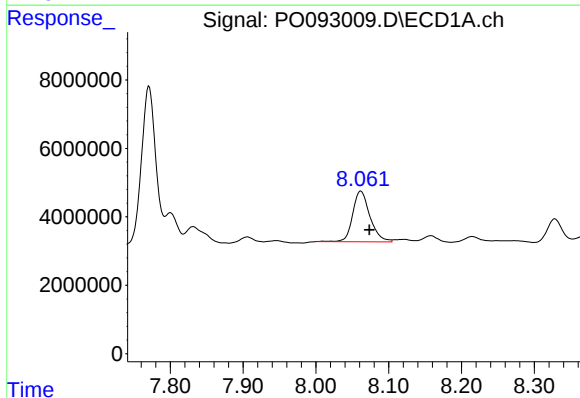
R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 64168733
Conc: 408.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



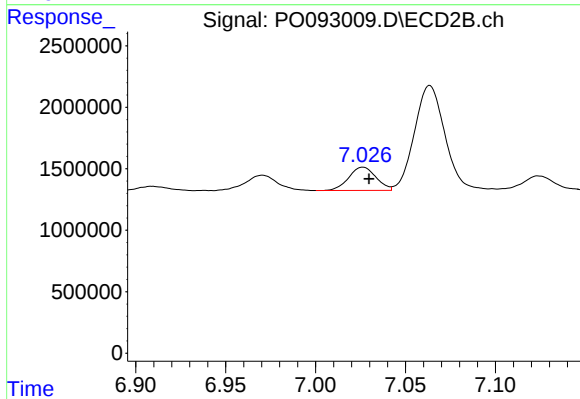
#33 AR-1260-3

R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 19544453
Conc: 242.12 ng/ml



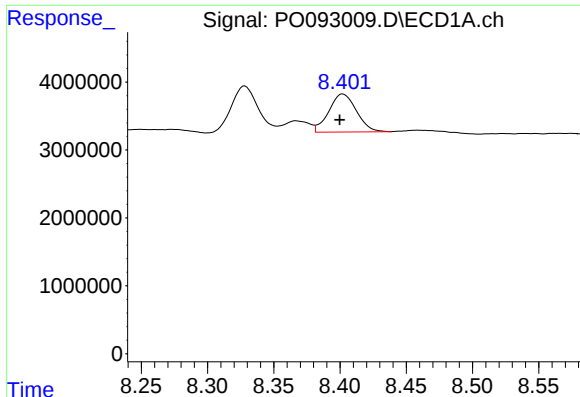
#34 AR-1260-4

R.T.: 8.062 min
Delta R.T.: -0.012 min
Response: 24429916
Conc: 208.56 ng/ml



#34 AR-1260-4

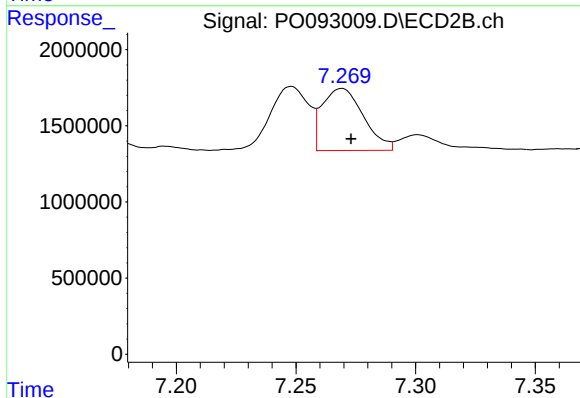
R.T.: 7.026 min
Delta R.T.: -0.003 min
Response: 1999245
Conc: 32.84 ng/ml



#35 AR-1260-5

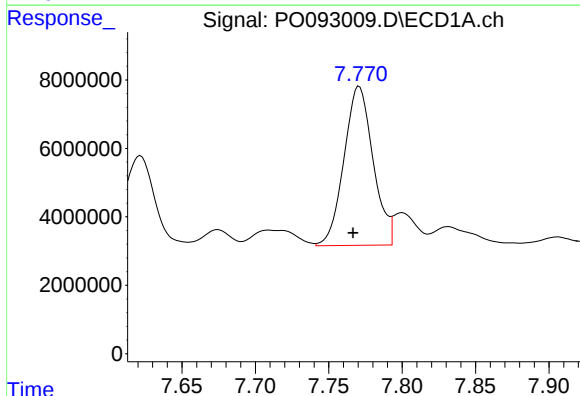
R.T.: 8.402 min
Delta R.T.: 0.002 min
Response: 8114751
Conc: 39.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



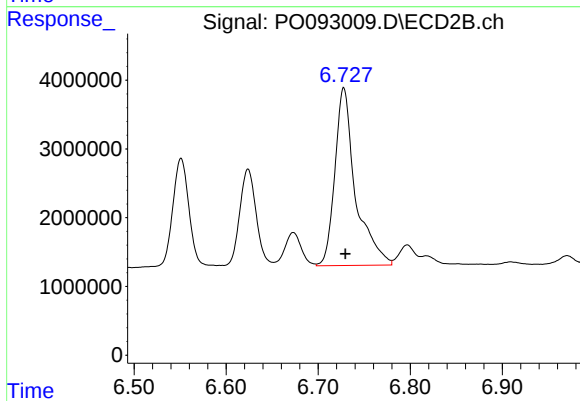
#35 AR-1260-5

R.T.: 7.269 min
Delta R.T.: -0.004 min
Response: 4891220
Conc: 38.31 ng/ml



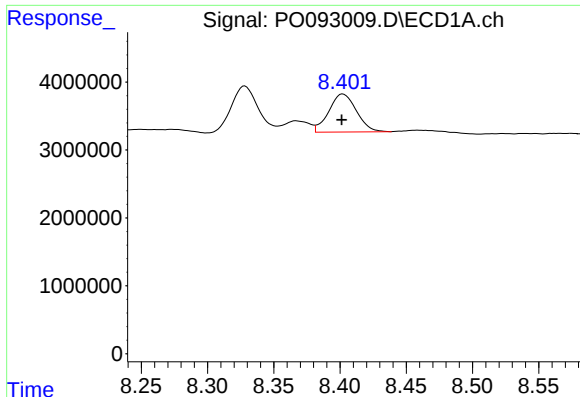
#36 AR-1262-1

R.T.: 7.771 min
Delta R.T.: 0.004 min
Response: 64168733
Conc: 665.78 ng/ml



#36 AR-1262-1

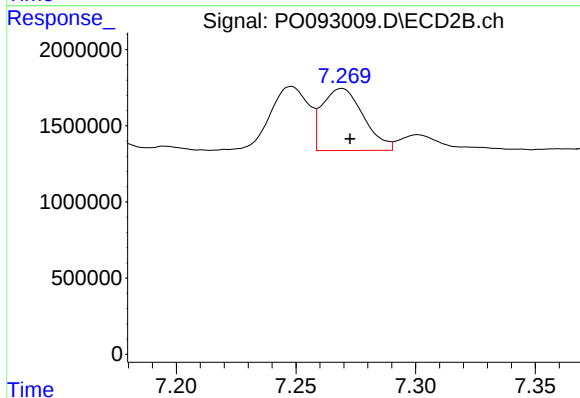
R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 40254282
Conc: 963.03 ng/ml



#37 AR-1262-2

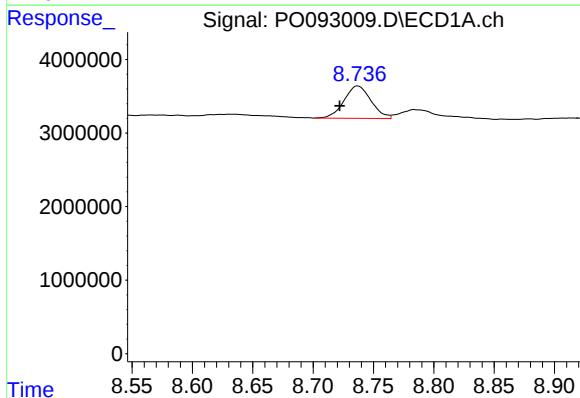
R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 8114751
Conc: 34.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



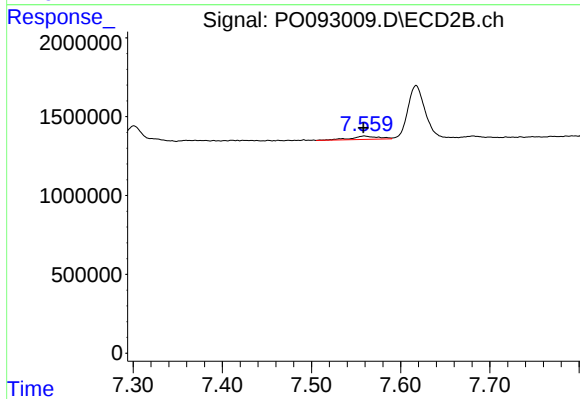
#37 AR-1262-2

R.T.: 7.269 min
Delta R.T.: -0.003 min
Response: 4891220
Conc: 37.06 ng/ml



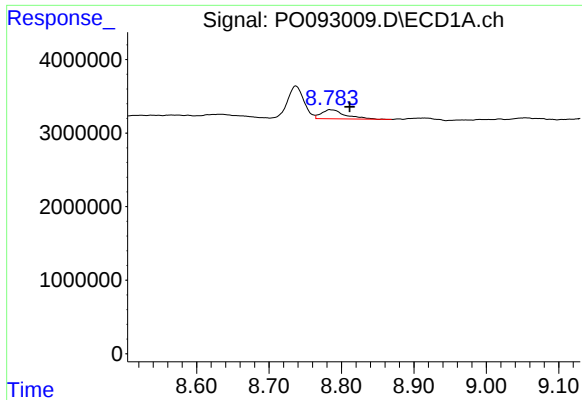
#38 AR-1262-3

R.T.: 8.737 min
Delta R.T.: 0.015 min
Response: 6853265
Conc: 40.88 ng/ml



#38 AR-1262-3

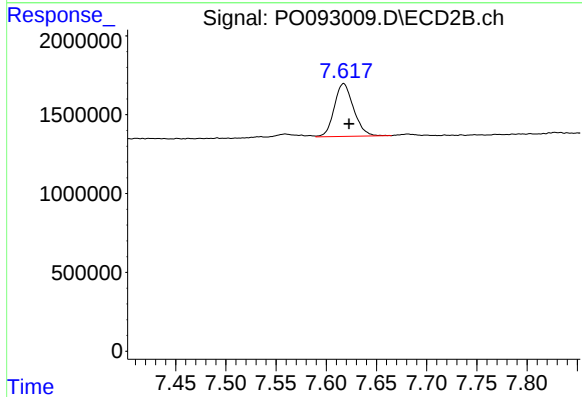
R.T.: 7.559 min
Delta R.T.: 0.001 min
Response: 447070
Conc: 7.76 ng/ml



#39 AR-1262-4

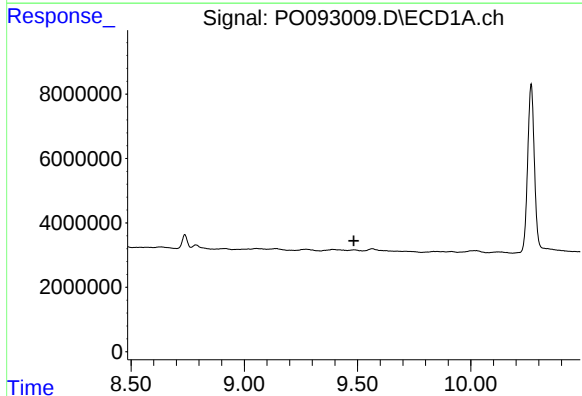
R.T.: 8.784 min
Delta R.T.: -0.028 min
Response: 2823533
Conc: 19.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



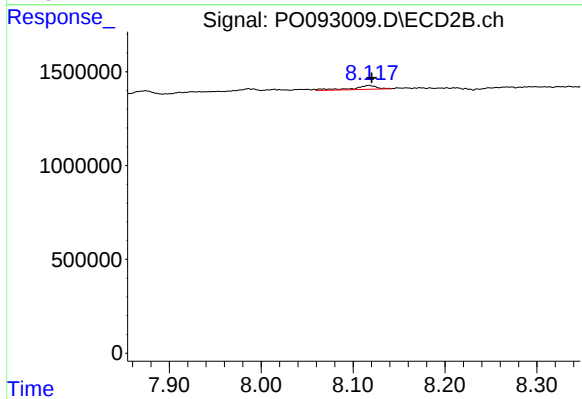
#39 AR-1262-4

R.T.: 7.617 min
Delta R.T.: -0.005 min
Response: 4490278
Conc: 44.74 ng/ml



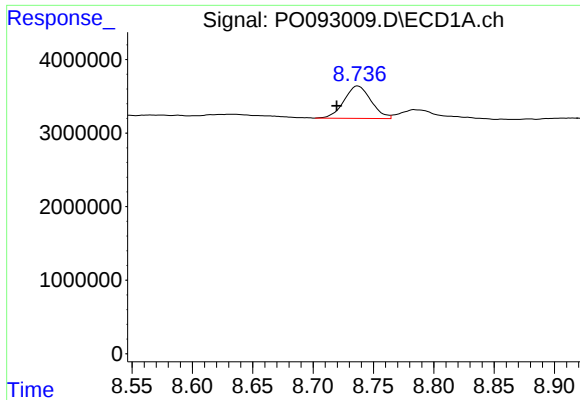
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.484 min
Response: 0
Conc: N.D.



#40 AR-1262-5

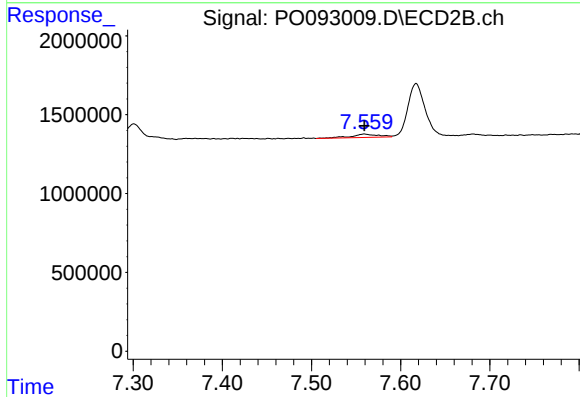
R.T.: 8.117 min
Delta R.T.: -0.003 min
Response: 367180
Conc: 8.00 ng/ml



#41 AR-1268-1

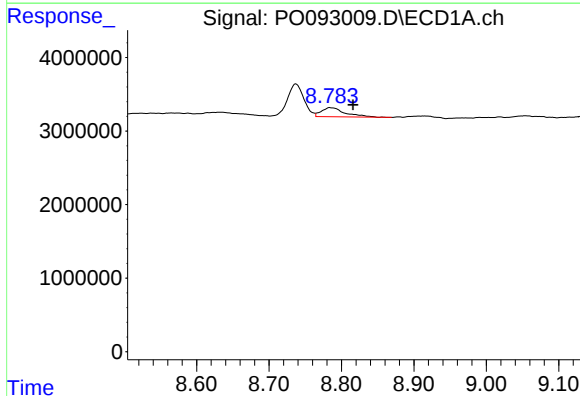
R.T.: 8.737 min
Delta R.T.: 0.017 min
Response: 6853265
Conc: 21.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



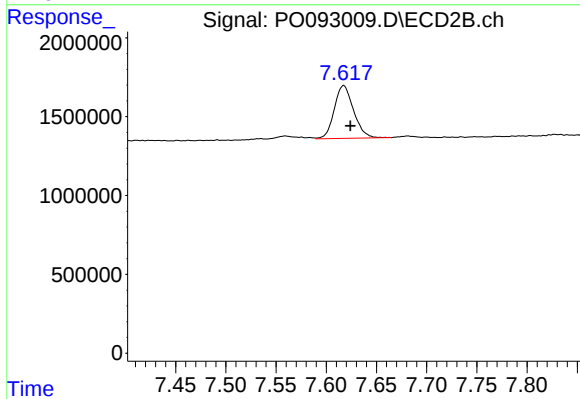
#41 AR-1268-1

R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 447070
Conc: 2.60 ng/ml



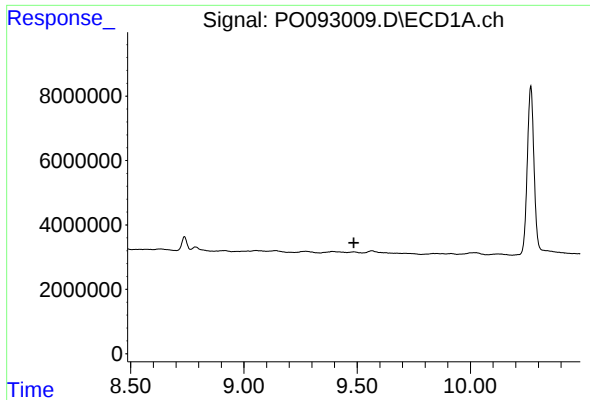
#42 AR-1268-2

R.T.: 8.784 min
Delta R.T.: -0.032 min
Response: 2823533
Conc: 9.55 ng/ml



#42 AR-1268-2

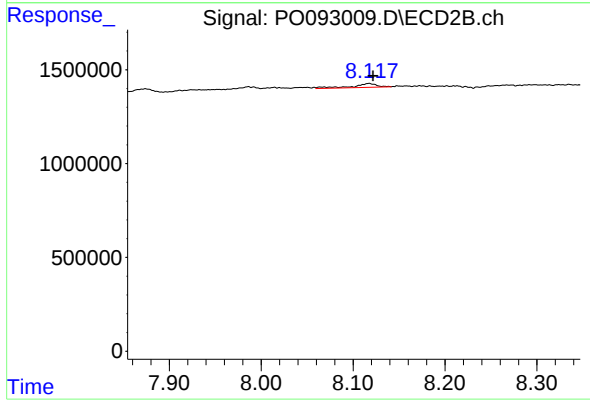
R.T.: 7.617 min
Delta R.T.: -0.007 min
Response: 4490278
Conc: 29.50 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.485 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#44 AR-1268-4

R.T.: 8.117 min
Delta R.T.: -0.004 min
Response: 367180
Conc: 6.80 ng/ml