

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030723\
 Data File : P0093014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 12:04
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 14:47:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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...	4.430	3.634	150.9E6	57058295	50.253	44.763
2)	SA Decachlor...	10.268	8.669	96943504	47323386	50.400	40.607
Target Compounds							
3)	L1 AR-1016-1	5.607	4.721	44581780	17914475	485.066	443.447
4)	L1 AR-1016-2	5.630	4.740	66932728	26468821	502.192	458.398
5)	L1 AR-1016-3	5.692	4.916	42255574	14171580	486.693	452.244
6)	L1 AR-1016-4	5.791	4.958	32206195	11538933	493.186	412.737
7)	L1 AR-1016-5	6.089	5.172	35491915	17306438	499.393	487.879
8)	L2 AR-1221-1	4.635	3.848	5418616	2076096	137.090	128.501
9)	L2 AR-1221-2	4.727	3.934	8277851	2956829	287.695	244.226
10)	L2 AR-1221-3	4.803	4.010	29299522	11463981	332.684	307.886
11)	L3 AR-1232-1	4.803	4.010	29299522	11463981	416.950	366.182
12)	L3 AR-1232-2	5.337	4.740	36621837	26468821	1064.843	982.556
13)	L3 AR-1232-3	5.630	4.916	66932728	14171580	1094.839	1010.977
14)	L3 AR-1232-4	5.791	5.000	32206195	15206363	1091.192	1069.253
15)	L3 AR-1232-5	5.883	5.172	30880790	17306438	1189.155	1112.936
16)	L4 AR-1242-1	5.607	4.721	44581780	17914475	565.033	533.468
17)	L4 AR-1242-2	5.630	4.740	66932728	26468821	581.863	551.978
18)	L4 AR-1242-3	5.692	4.916	42255574	14171580	572.391	544.228
19)	L4 AR-1242-4	5.791	5.000	32206195	15206363	581.478	527.349
20)	L4 AR-1242-5	6.535	5.525	10250966	17058931	175.012	545.204 #
21)	L5 AR-1248-1	5.607	4.721	44581780	17914475	727.265	684.160
22)	L5 AR-1248-2	5.883	4.958	30880790	11538933	320.878	285.203
23)	L5 AR-1248-3	6.089	5.000	35491915	15206363	345.864	360.805
24)	L5 AR-1248-4	6.496	5.172	11140300	17306438	111.315	358.289 #
25)	L5 AR-1248-5	6.535	5.565	10250966	5351964	101.265	128.231 #
26)	L6 AR-1254-1	6.470	5.525	29333806	17058931	258.718	243.660
27)	L6 AR-1254-2	6.691	5.674	25006917	14023591	150.459	223.524 #
28)	L6 AR-1254-3	7.060	6.094	10653552	21509845	65.079	223.137 #
29)	L6 AR-1254-4	7.348	6.308	4810817	1854703	46.355	35.942
30)	L6 AR-1254-5	7.771	6.728	73608705	35419799	600.380	436.252 #
31)	L7 AR-1260-1	7.226	6.210	58856150	31239316	482.309	458.536
32)	L7 AR-1260-2	7.486	6.399	66855191	36025086	454.861	448.170
33)	L7 AR-1260-3	7.771	6.553	73608705	32634567	468.289	404.290
34)	L7 AR-1260-4	8.077	7.028	56486180	26534397	482.226	435.909
35)	L7 AR-1260-5	8.404	7.272	102.4E6	56304499	493.896	441.019
36)	L8 AR-1262-1	7.771	6.728	73608705	35419799	763.721	847.367
37)	L8 AR-1262-2	8.404	7.272	102.4E6	56304499	435.938	426.577
38)	L8 AR-1262-3	8.736	7.557	66283342	13717050	395.343	238.150 #
39)	L8 AR-1262-4	8.816	7.621	20721092	40848222	144.498	406.977 #
40)	L8 AR-1262-5	9.490	8.119	28304325	14523150	327.363	316.454
41)	L9 AR-1268-1	8.736	7.557	66283342	13717050	212.096	79.828 #

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 ALS Vial : 3 Sample Multiplier: 1

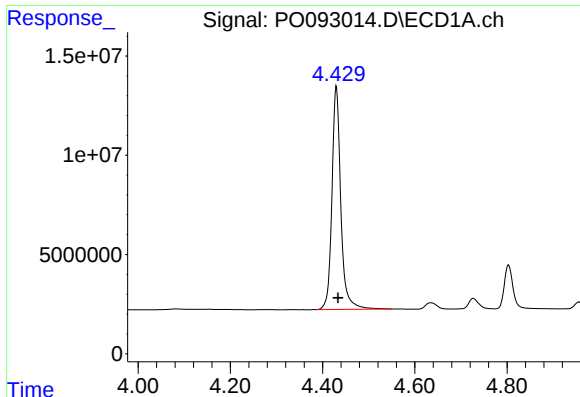
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 14:47:22 2023
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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	8.816	7.621	20721092	40848222	70.053	268.334 #
43) L9	AR-1268-3	9.054	7.829	1933262	820038	7.598	6.128
44) L9	AR-1268-4	9.490	8.119	28304325	14523150	297.739	268.786
45) L9	AR-1268-5	9.918	8.414	8308979	4288252	11.107	11.729

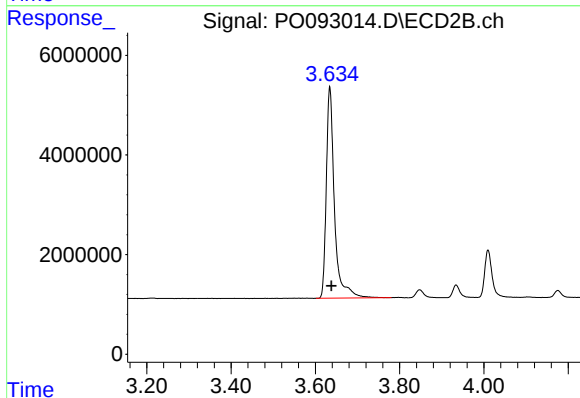
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

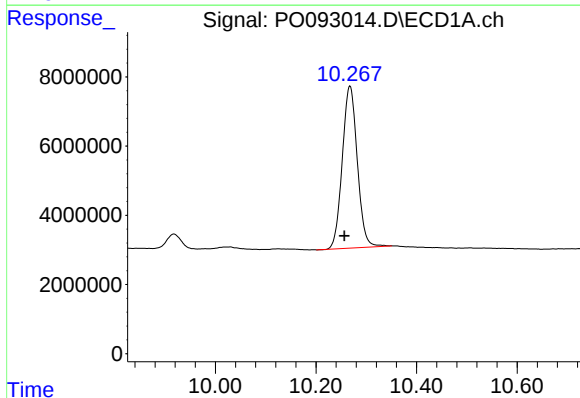
R.T.: 4.430 min
Delta R.T.: -0.004 min
Response: 150897357
Conc: 50.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



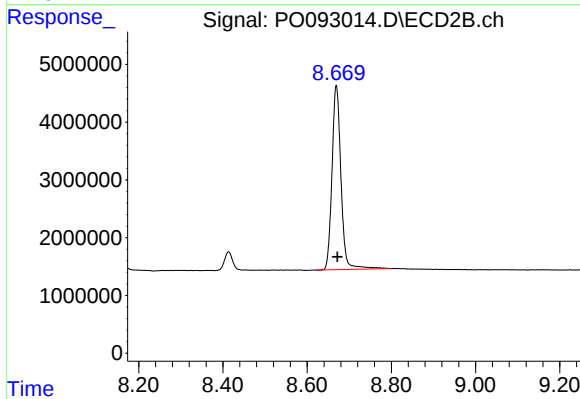
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: -0.004 min
Response: 57058295
Conc: 44.76 ng/ml



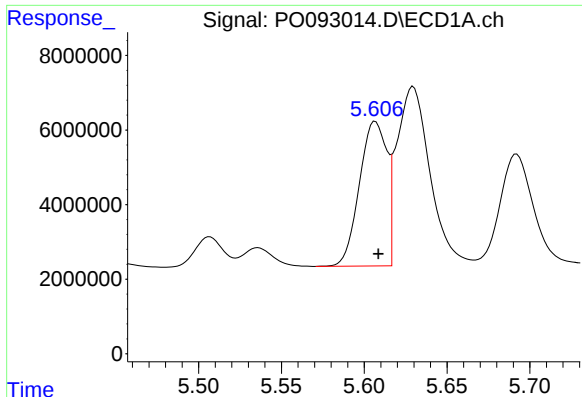
#2 Decachlorobiphenyl

R.T.: 10.268 min
Delta R.T.: 0.011 min
Response: 96943504
Conc: 50.40 ng/ml



#2 Decachlorobiphenyl

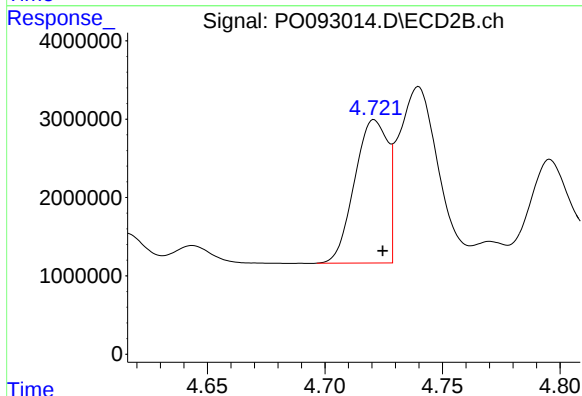
R.T.: 8.669 min
Delta R.T.: -0.003 min
Response: 47323386
Conc: 40.61 ng/ml



#3 AR-1016-1

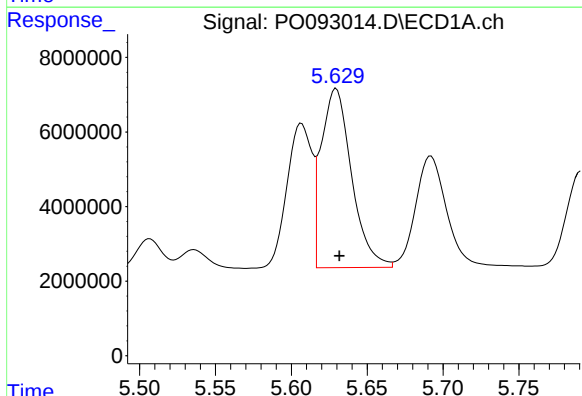
R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 44581780
Conc: 485.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



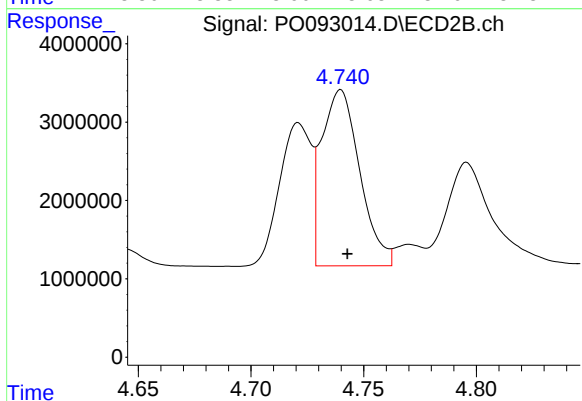
#3 AR-1016-1

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 17914475
Conc: 443.45 ng/ml



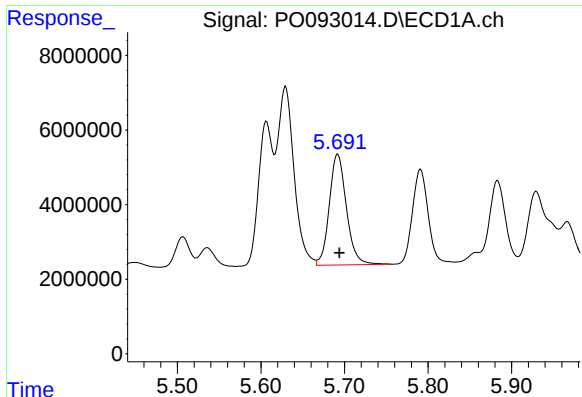
#4 AR-1016-2

R.T.: 5.630 min
Delta R.T.: -0.002 min
Response: 66932728
Conc: 502.19 ng/ml



#4 AR-1016-2

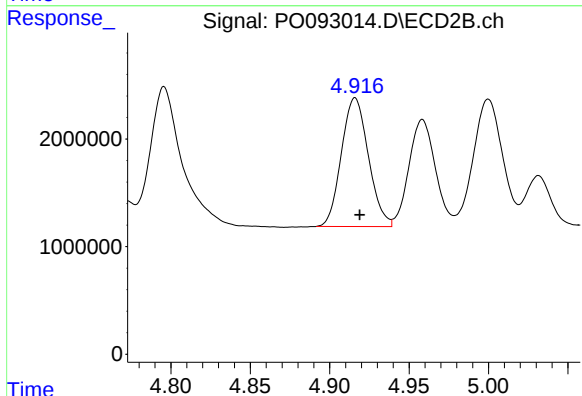
R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 26468821
Conc: 458.40 ng/ml



#5 AR-1016-3

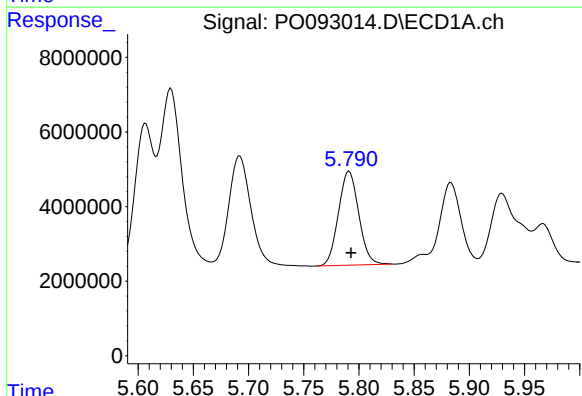
R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 42255574
Conc: 486.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



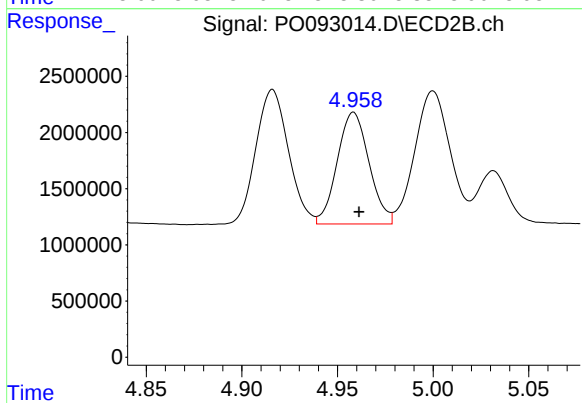
#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: -0.003 min
Response: 14171580
Conc: 452.24 ng/ml



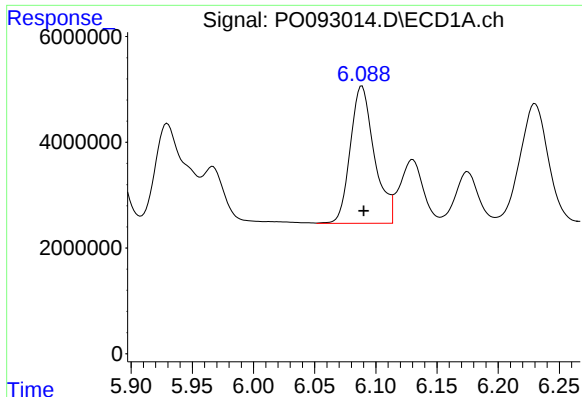
#6 AR-1016-4

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 32206195
Conc: 493.19 ng/ml



#6 AR-1016-4

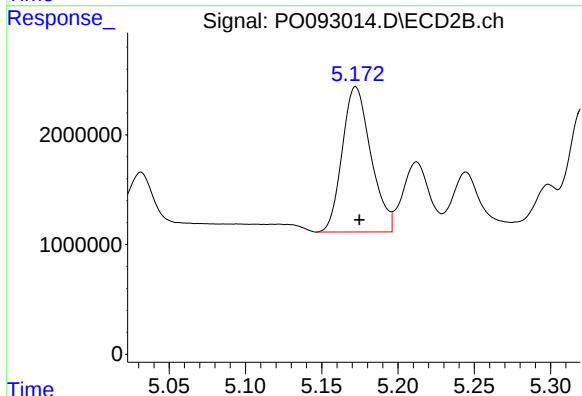
R.T.: 4.958 min
Delta R.T.: -0.003 min
Response: 11538933
Conc: 412.74 ng/ml



#7 AR-1016-5

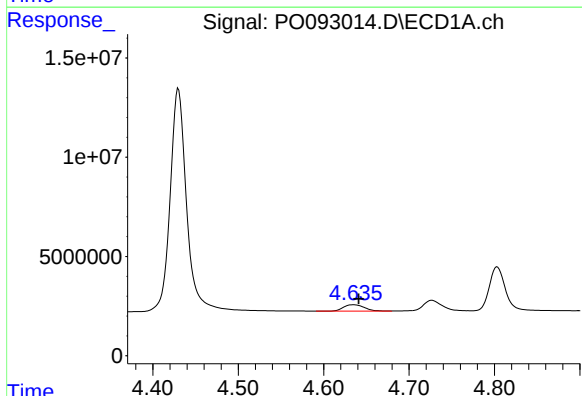
R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 35491915
Conc: 499.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



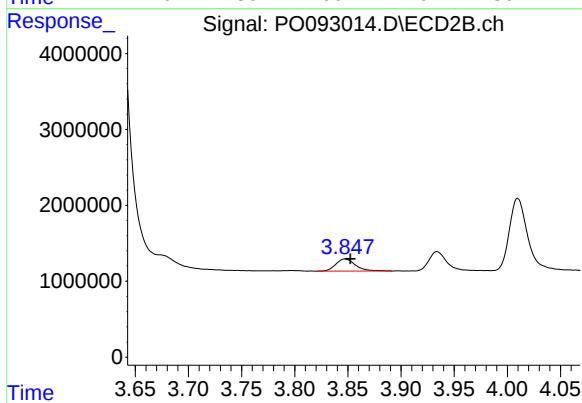
#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 17306438
Conc: 487.88 ng/ml



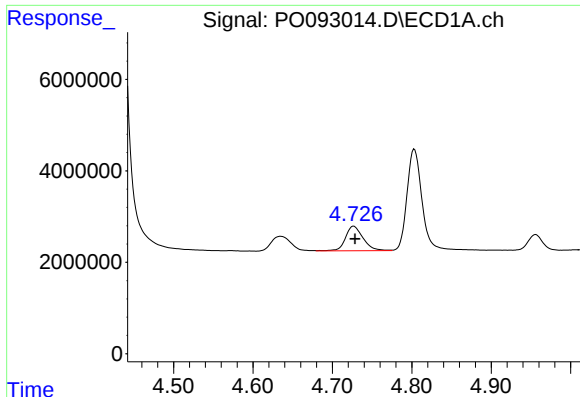
#8 AR-1221-1

R.T.: 4.635 min
Delta R.T.: -0.006 min
Response: 5418616
Conc: 137.09 ng/ml



#8 AR-1221-1

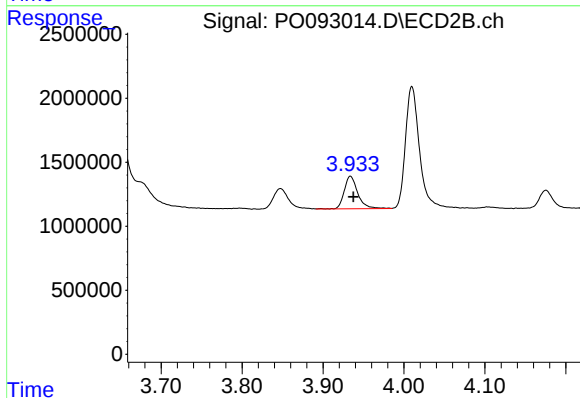
R.T.: 3.848 min
Delta R.T.: -0.005 min
Response: 2076096
Conc: 128.50 ng/ml



#9 AR-1221-2

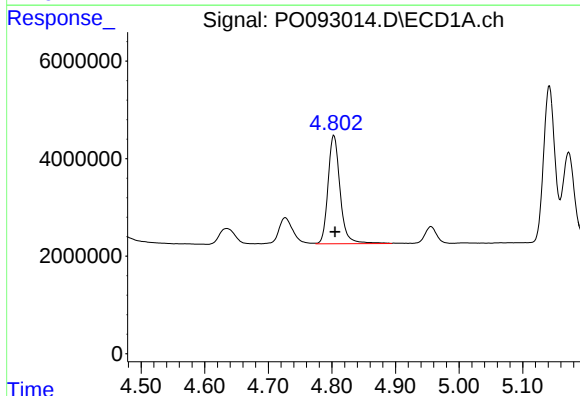
R.T.: 4.727 min
Delta R.T.: -0.002 min
Response: 8277851
Conc: 287.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



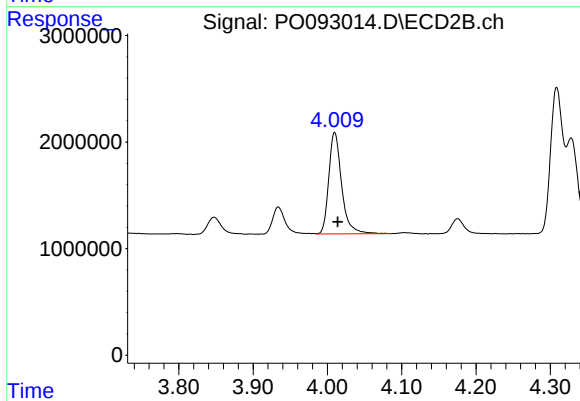
#9 AR-1221-2

R.T.: 3.934 min
Delta R.T.: -0.004 min
Response: 2956829
Conc: 244.23 ng/ml



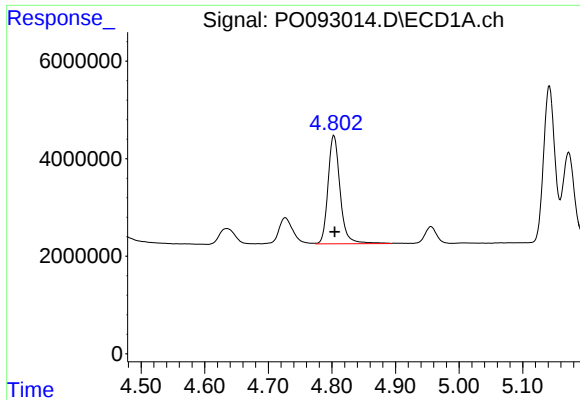
#10 AR-1221-3

R.T.: 4.803 min
Delta R.T.: -0.002 min
Response: 29299522
Conc: 332.68 ng/ml



#10 AR-1221-3

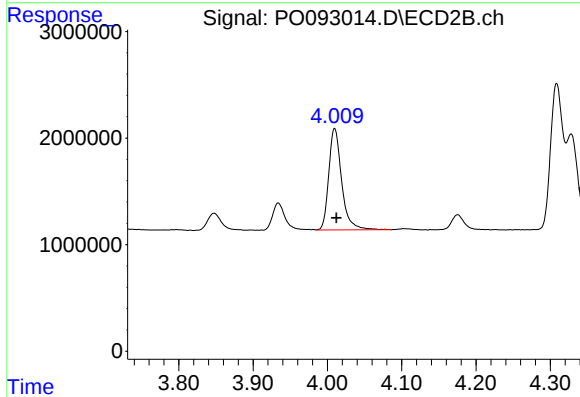
R.T.: 4.010 min
Delta R.T.: -0.004 min
Response: 11463981
Conc: 307.89 ng/ml



#11 AR-1232-1

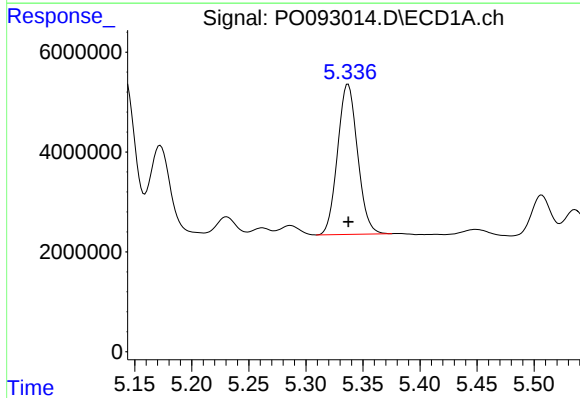
R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 29299522
Conc: 416.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



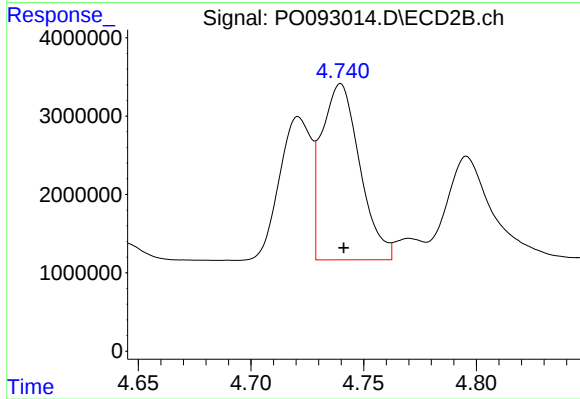
#11 AR-1232-1

R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 11463981
Conc: 366.18 ng/ml



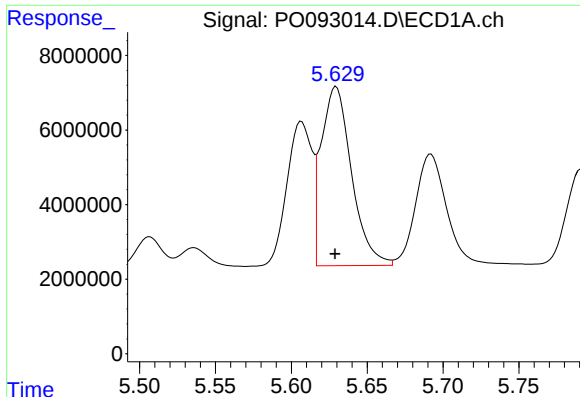
#12 AR-1232-2

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 36621837
Conc: 1064.84 ng/ml



#12 AR-1232-2

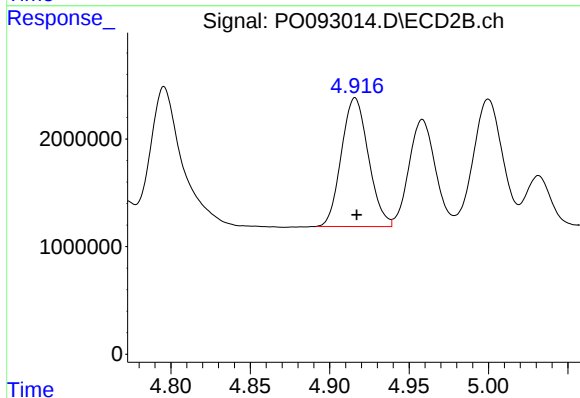
R.T.: 4.740 min
Delta R.T.: -0.001 min
Response: 26468821
Conc: 982.56 ng/ml



#13 AR-1232-3

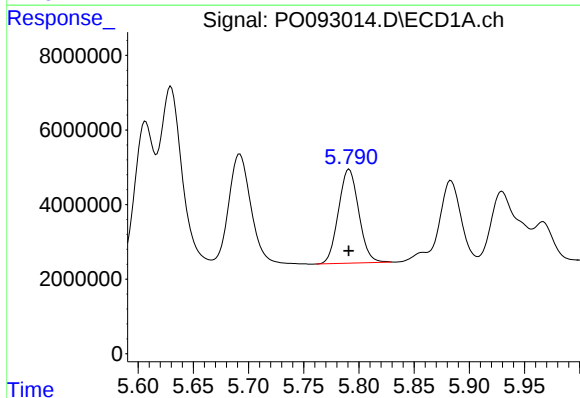
R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 66932728
Conc: 1094.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



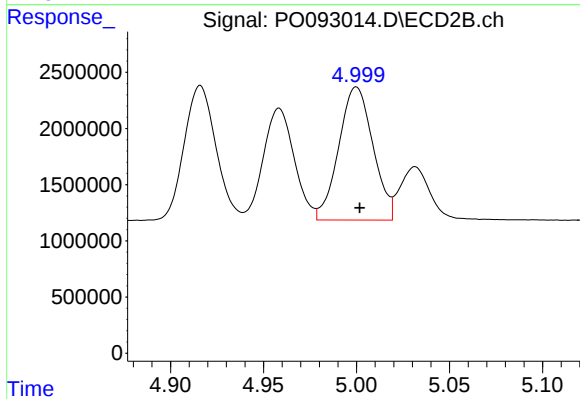
#13 AR-1232-3

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 14171580
Conc: 1010.98 ng/ml



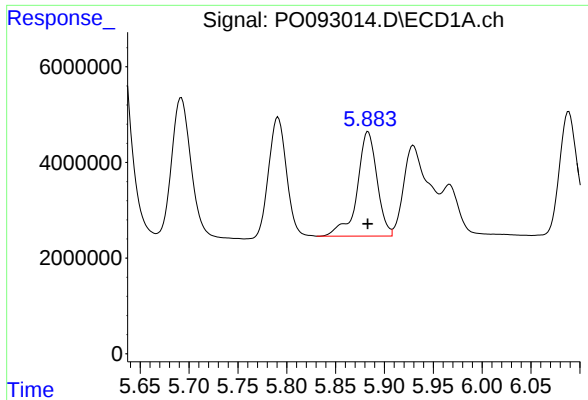
#14 AR-1232-4

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 32206195
Conc: 1091.19 ng/ml



#14 AR-1232-4

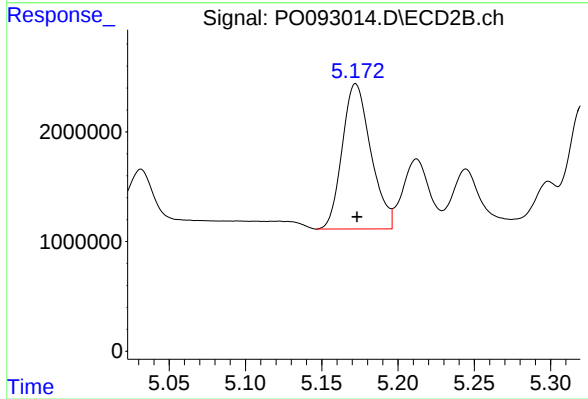
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 15206363
Conc: 1069.25 ng/ml



#15 AR-1232-5

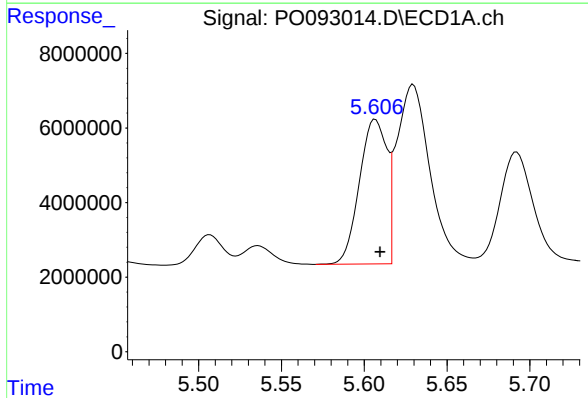
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 30880790
Conc: 1189.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



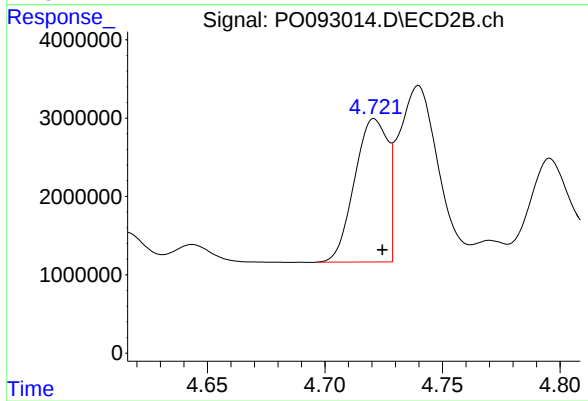
#15 AR-1232-5

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 17306438
Conc: 1112.94 ng/ml



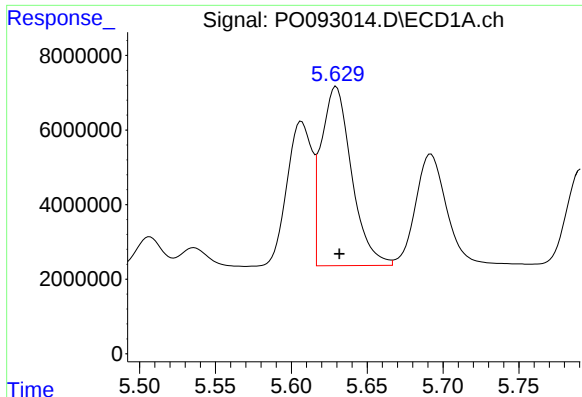
#16 AR-1242-1

R.T.: 5.607 min
Delta R.T.: -0.003 min
Response: 44581780
Conc: 565.03 ng/ml



#16 AR-1242-1

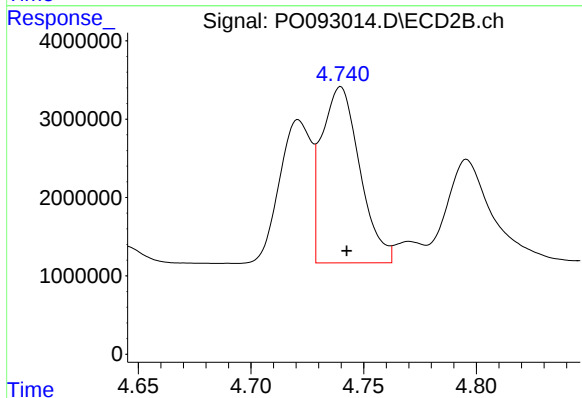
R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 17914475
Conc: 533.47 ng/ml



#17 AR-1242-2

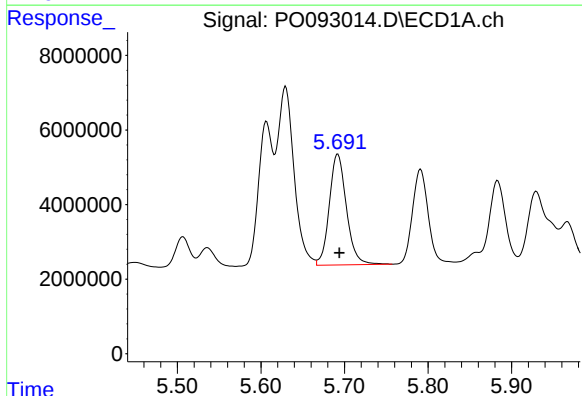
R.T.: 5.630 min
Delta R.T.: -0.002 min
Response: 66932728
Conc: 581.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



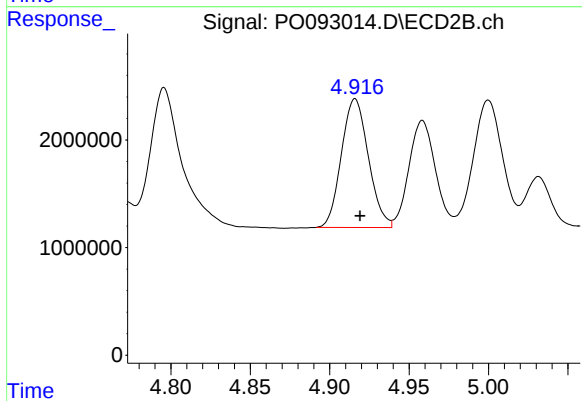
#17 AR-1242-2

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 26468821
Conc: 551.98 ng/ml



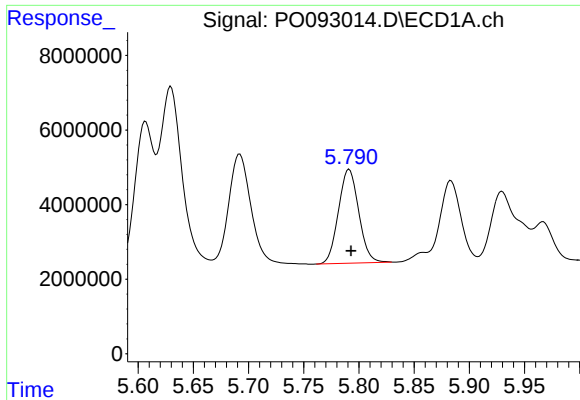
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 42255574
Conc: 572.39 ng/ml



#18 AR-1242-3

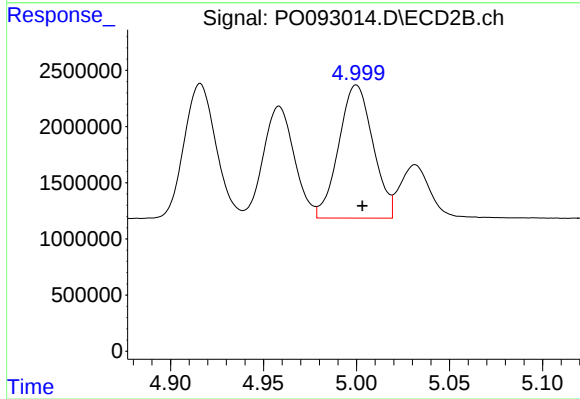
R.T.: 4.916 min
Delta R.T.: -0.003 min
Response: 14171580
Conc: 544.23 ng/ml



#19 AR-1242-4

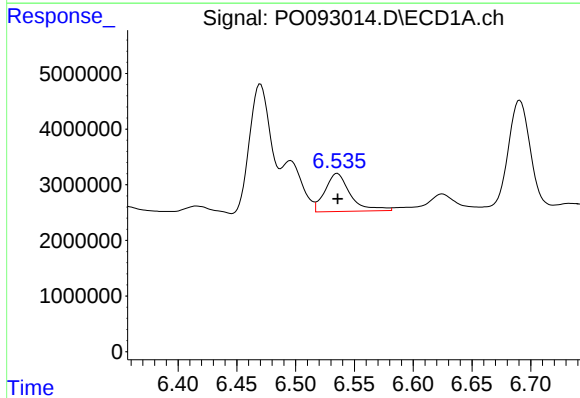
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 32206195
Conc: 581.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



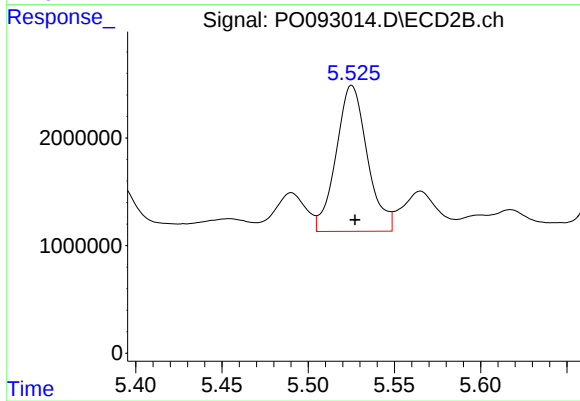
#19 AR-1242-4

R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 15206363
Conc: 527.35 ng/ml



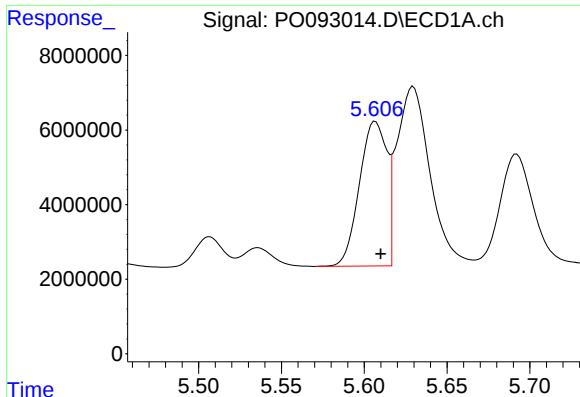
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 10250966
Conc: 175.01 ng/ml



#20 AR-1242-5

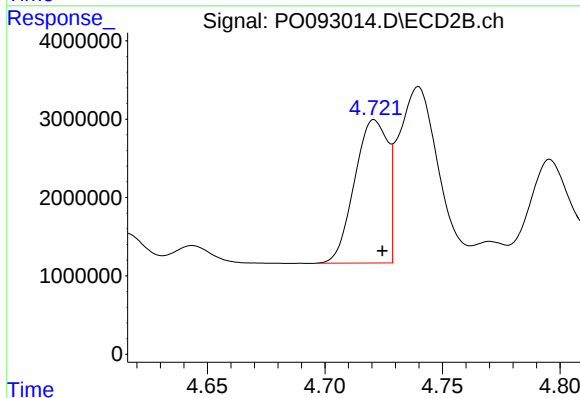
R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 17058931
Conc: 545.20 ng/ml



#21 AR-1248-1

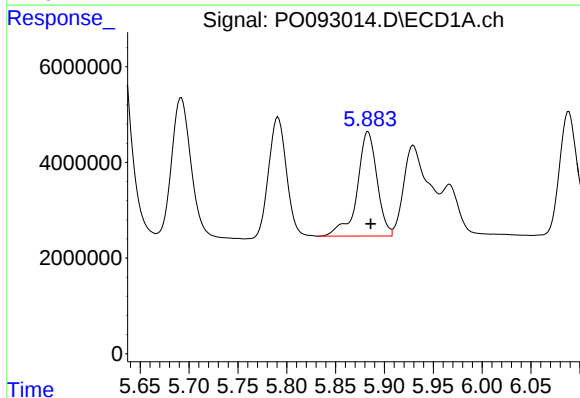
R.T.: 5.607 min
Delta R.T.: -0.003 min
Response: 44581780
Conc: 727.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



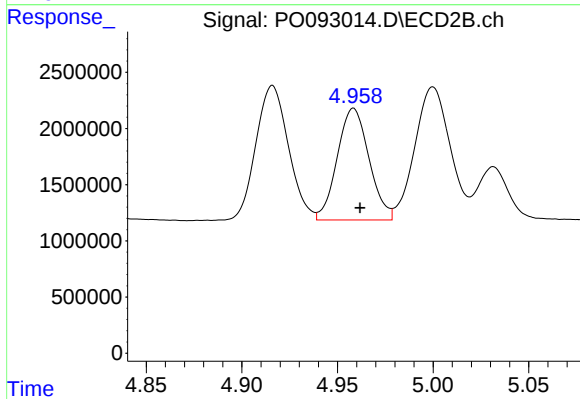
#21 AR-1248-1

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 17914475
Conc: 684.16 ng/ml



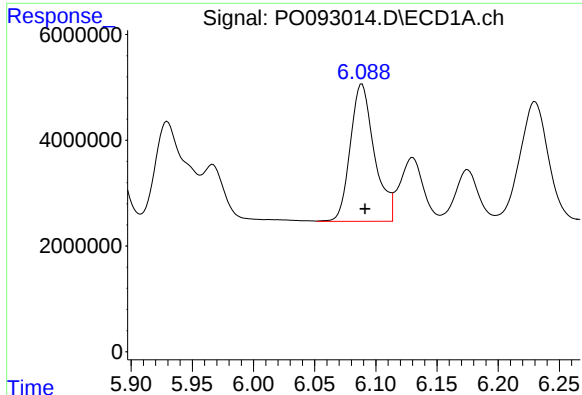
#22 AR-1248-2

R.T.: 5.883 min
Delta R.T.: -0.003 min
Response: 30880790
Conc: 320.88 ng/ml



#22 AR-1248-2

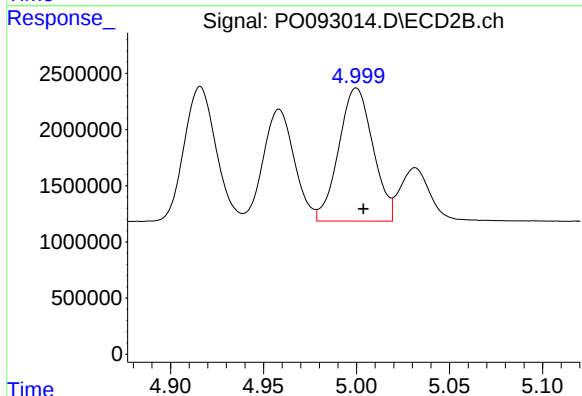
R.T.: 4.958 min
Delta R.T.: -0.003 min
Response: 11538933
Conc: 285.20 ng/ml



#23 AR-1248-3

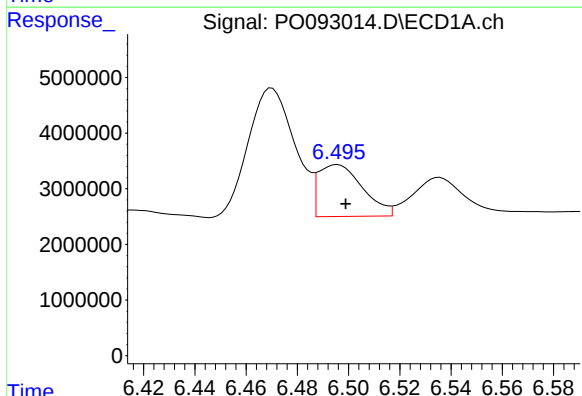
R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 35491915
Conc: 345.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



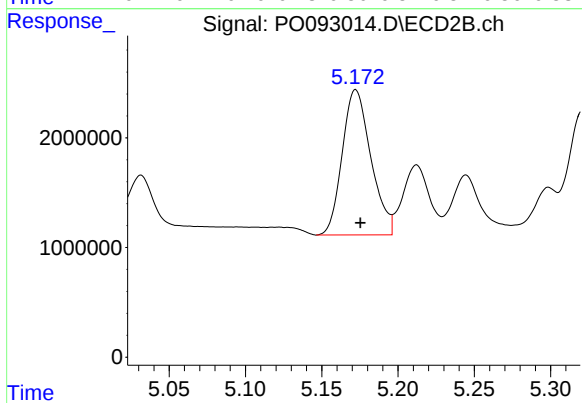
#23 AR-1248-3

R.T.: 5.000 min
Delta R.T.: -0.004 min
Response: 15206363
Conc: 360.80 ng/ml



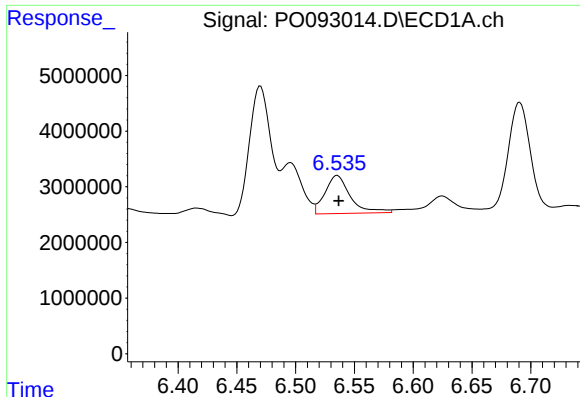
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 11140300
Conc: 111.32 ng/ml



#24 AR-1248-4

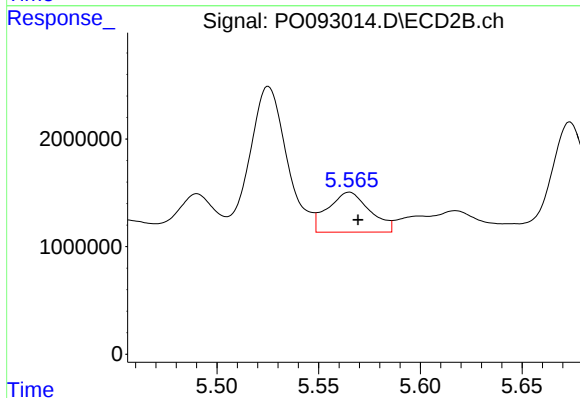
R.T.: 5.172 min
Delta R.T.: -0.003 min
Response: 17306438
Conc: 358.29 ng/ml



#25 AR-1248-5

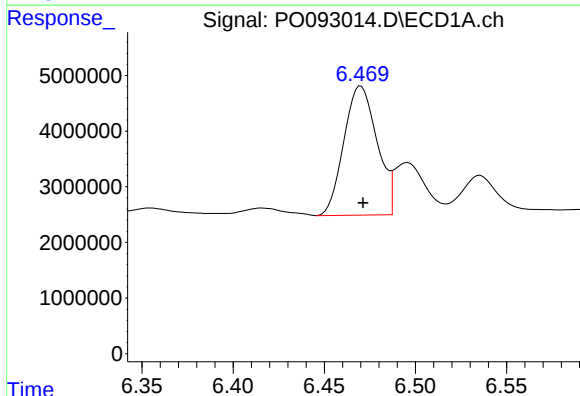
R.T.: 6.535 min
Delta R.T.: -0.001 min
Response: 10250966
Conc: 101.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



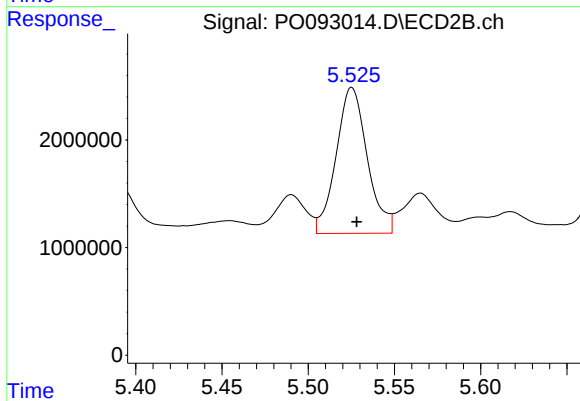
#25 AR-1248-5

R.T.: 5.565 min
Delta R.T.: -0.004 min
Response: 5351964
Conc: 128.23 ng/ml



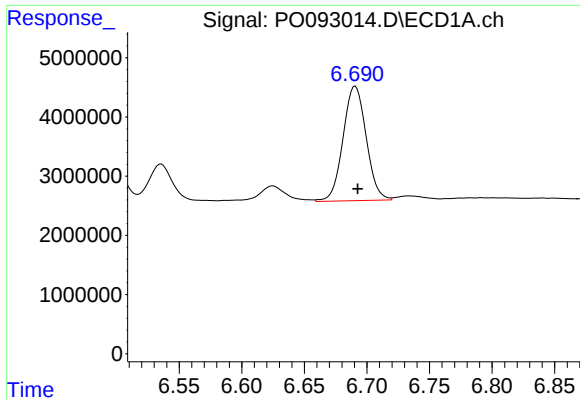
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 29333806
Conc: 258.72 ng/ml



#26 AR-1254-1

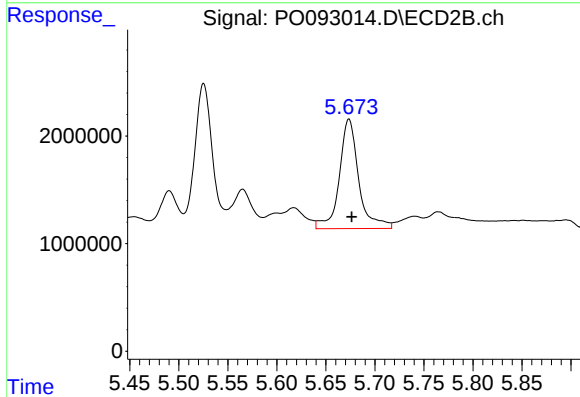
R.T.: 5.525 min
Delta R.T.: -0.003 min
Response: 17058931
Conc: 243.66 ng/ml



#27 AR-1254-2

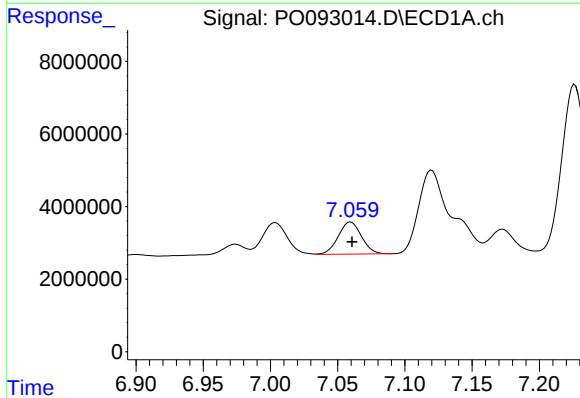
R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 25006917
Conc: 150.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



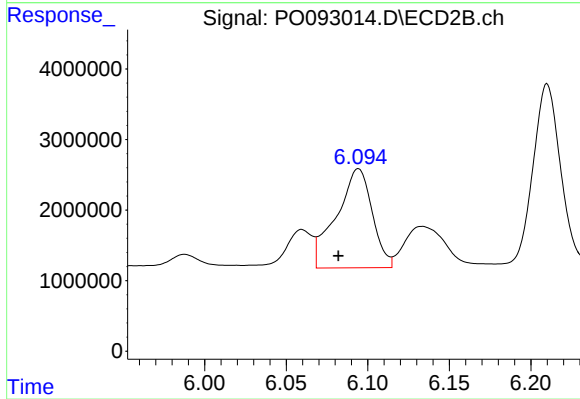
#27 AR-1254-2

R.T.: 5.674 min
Delta R.T.: -0.003 min
Response: 14023591
Conc: 223.52 ng/ml



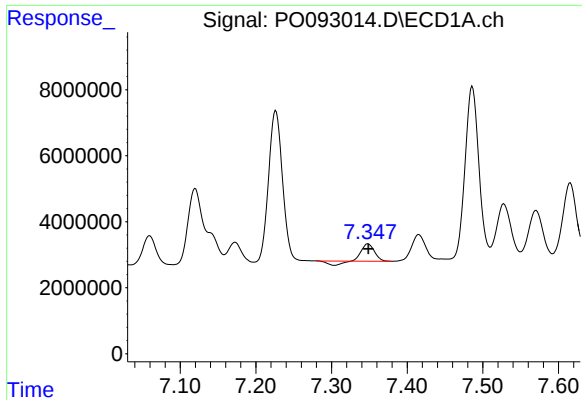
#28 AR-1254-3

R.T.: 7.060 min
Delta R.T.: -0.001 min
Response: 10653552
Conc: 65.08 ng/ml



#28 AR-1254-3

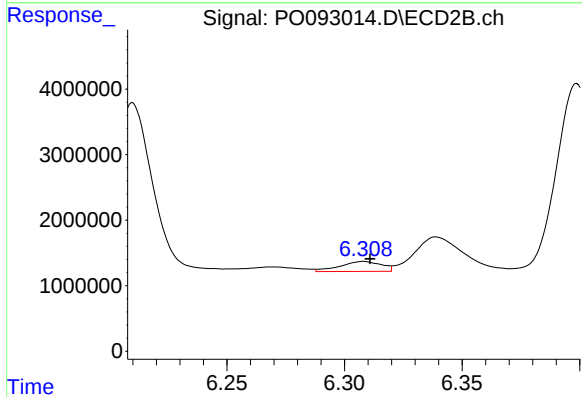
R.T.: 6.094 min
Delta R.T.: 0.012 min
Response: 21509845
Conc: 223.14 ng/ml



#29 AR-1254-4

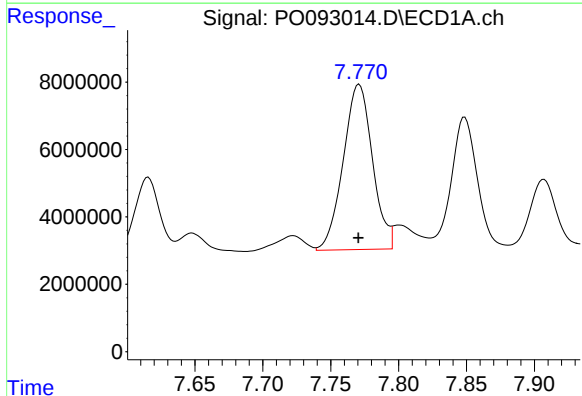
R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 4810817
Conc: 46.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



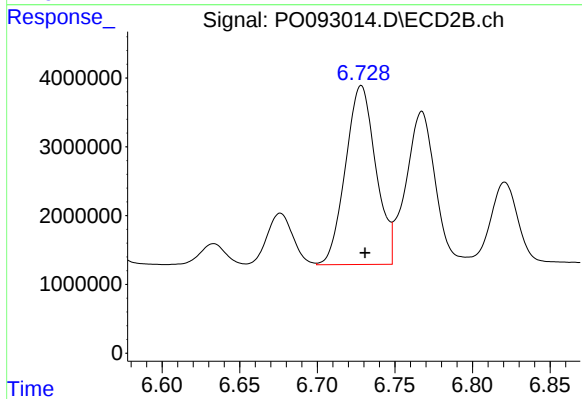
#29 AR-1254-4

R.T.: 6.308 min
Delta R.T.: -0.003 min
Response: 1854703
Conc: 35.94 ng/ml



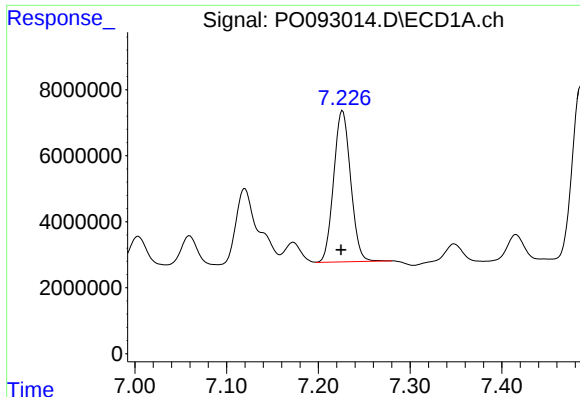
#30 AR-1254-5

R.T.: 7.771 min
Delta R.T.: 0.000 min
Response: 73608705
Conc: 600.38 ng/ml



#30 AR-1254-5

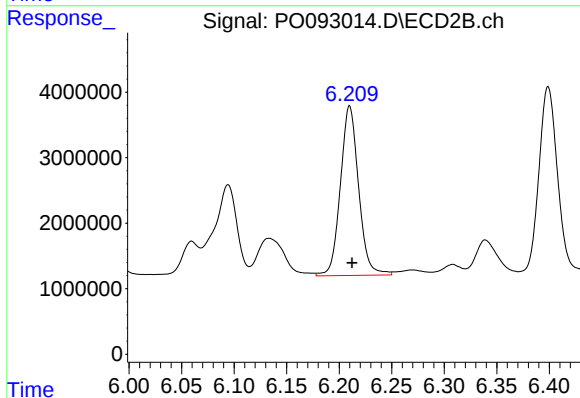
R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 35419799
Conc: 436.25 ng/ml



#31 AR-1260-1

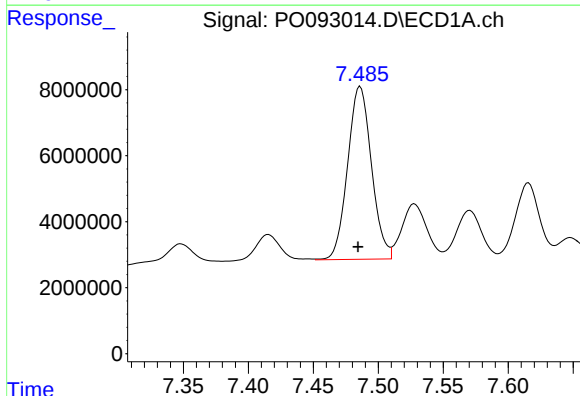
R.T.: 7.226 min
Delta R.T.: 0.002 min
Response: 58856150
Conc: 482.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



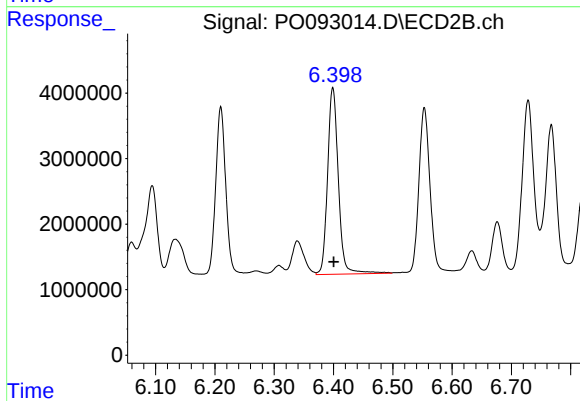
#31 AR-1260-1

R.T.: 6.210 min
Delta R.T.: -0.002 min
Response: 31239316
Conc: 458.54 ng/ml



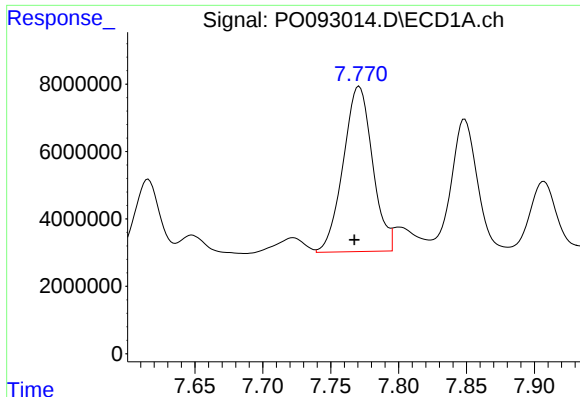
#32 AR-1260-2

R.T.: 7.486 min
Delta R.T.: 0.002 min
Response: 66855191
Conc: 454.86 ng/ml



#32 AR-1260-2

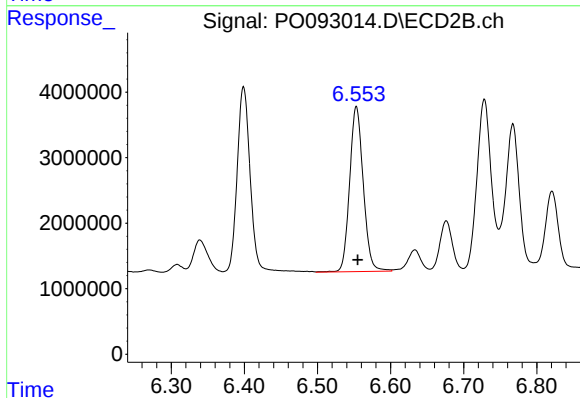
R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 36025086
Conc: 448.17 ng/ml



#33 AR-1260-3

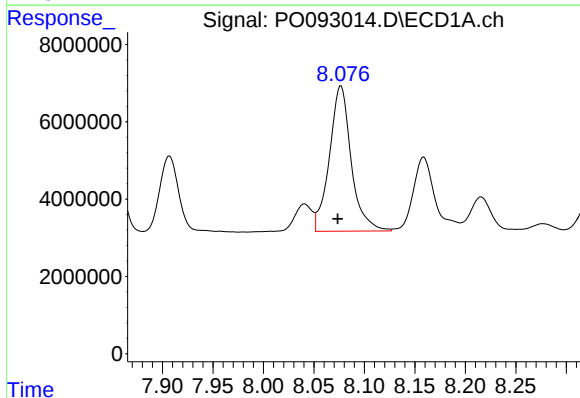
R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 73608705
Conc: 468.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



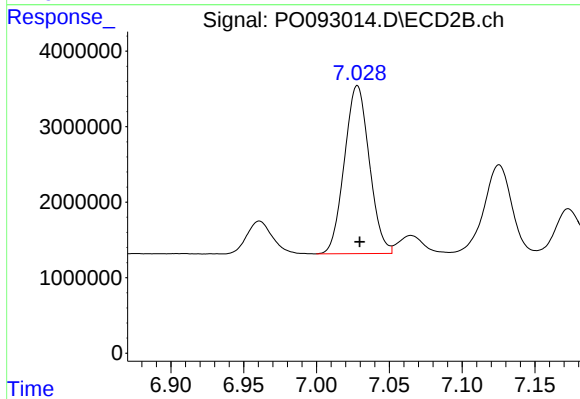
#33 AR-1260-3

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 32634567
Conc: 404.29 ng/ml



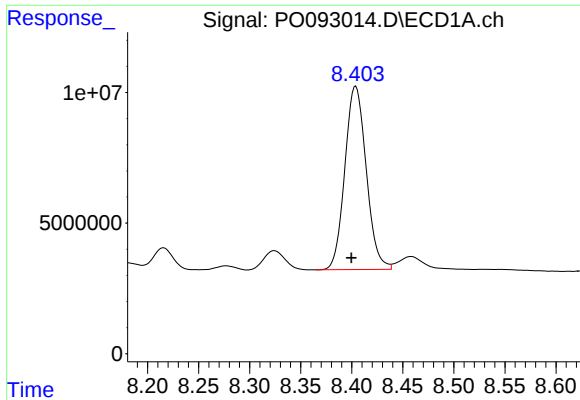
#34 AR-1260-4

R.T.: 8.077 min
Delta R.T.: 0.003 min
Response: 56486180
Conc: 482.23 ng/ml



#34 AR-1260-4

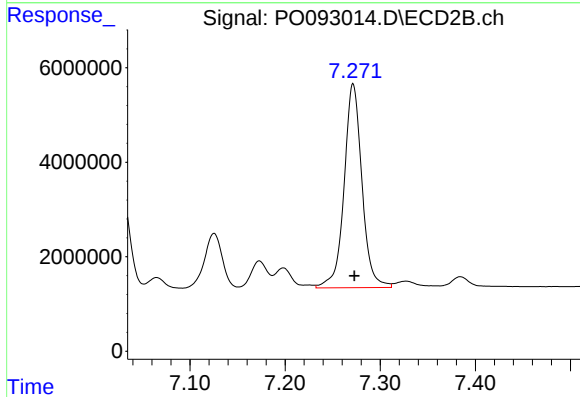
R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 26534397
Conc: 435.91 ng/ml



#35 AR-1260-5

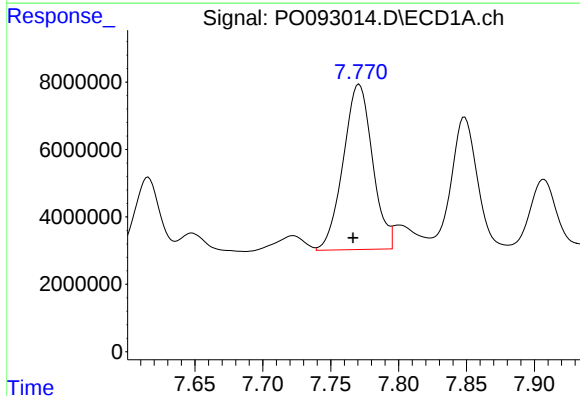
R.T.: 8.404 min
Delta R.T.: 0.004 min
Response: 102428296
Conc: 493.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



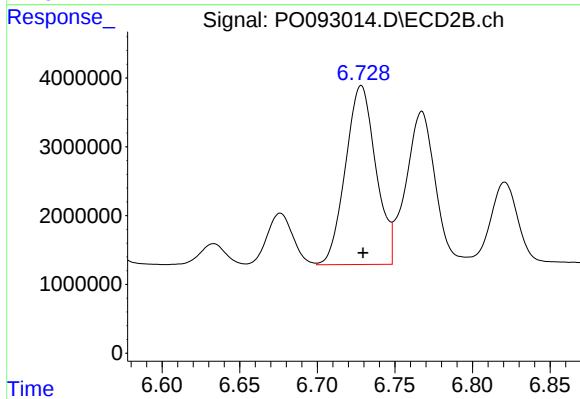
#35 AR-1260-5

R.T.: 7.272 min
Delta R.T.: -0.001 min
Response: 56304499
Conc: 441.02 ng/ml



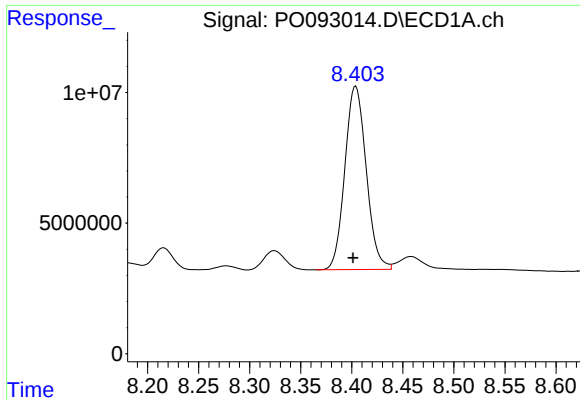
#36 AR-1262-1

R.T.: 7.771 min
Delta R.T.: 0.004 min
Response: 73608705
Conc: 763.72 ng/ml



#36 AR-1262-1

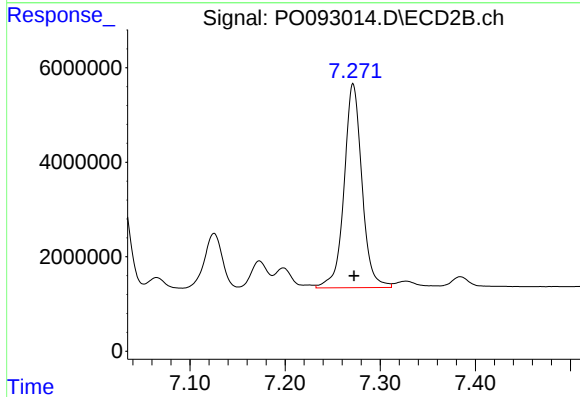
R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 35419799
Conc: 847.37 ng/ml



#37 AR-1262-2

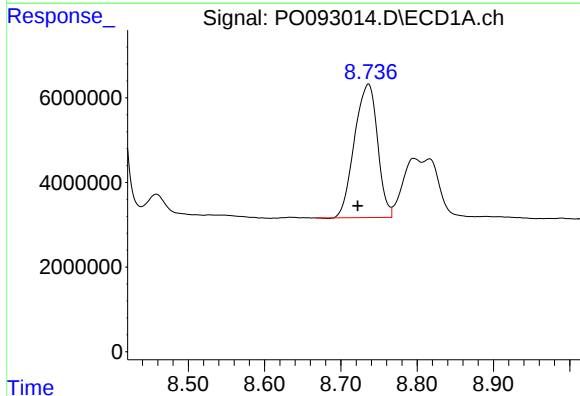
R.T.: 8.404 min
Delta R.T.: 0.003 min
Response: 102428296
Conc: 435.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



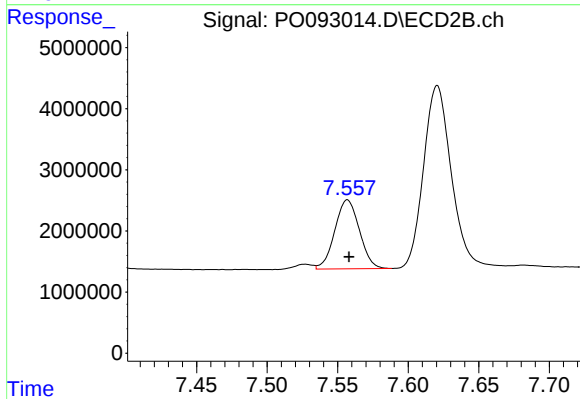
#37 AR-1262-2

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 56304499
Conc: 426.58 ng/ml



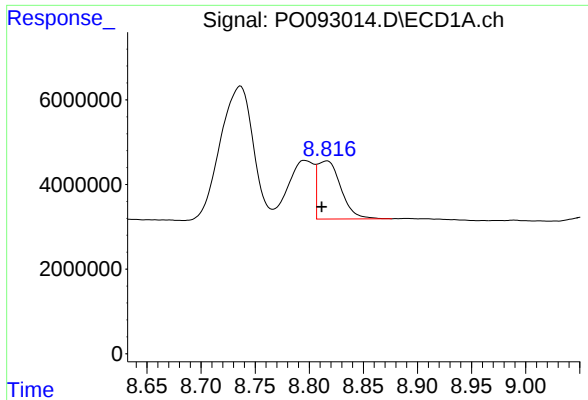
#38 AR-1262-3

R.T.: 8.736 min
Delta R.T.: 0.014 min
Response: 66283342
Conc: 395.34 ng/ml



#38 AR-1262-3

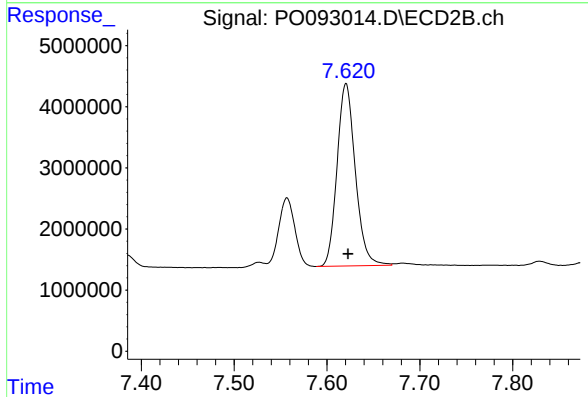
R.T.: 7.557 min
Delta R.T.: -0.001 min
Response: 13717050
Conc: 238.15 ng/ml



#39 AR-1262-4

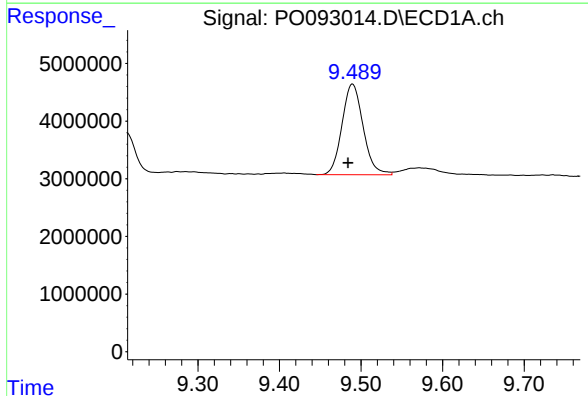
R.T.: 8.816 min
Delta R.T.: 0.005 min
Response: 20721092
Conc: 144.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



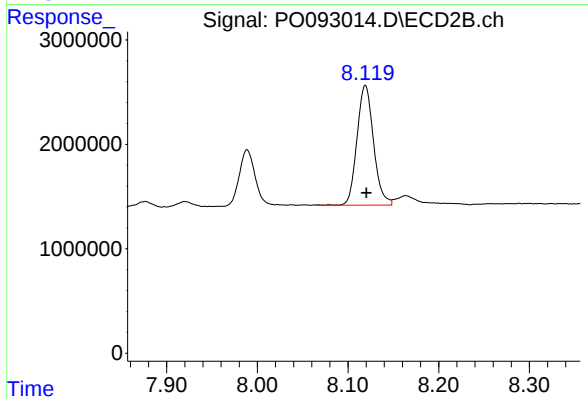
#39 AR-1262-4

R.T.: 7.621 min
Delta R.T.: -0.002 min
Response: 40848222
Conc: 406.98 ng/ml



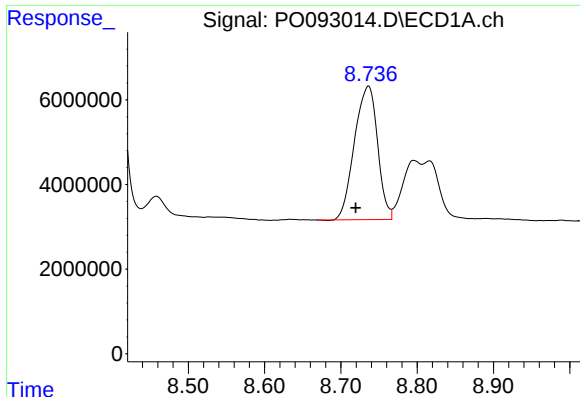
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: 0.006 min
Response: 28304325
Conc: 327.36 ng/ml



#40 AR-1262-5

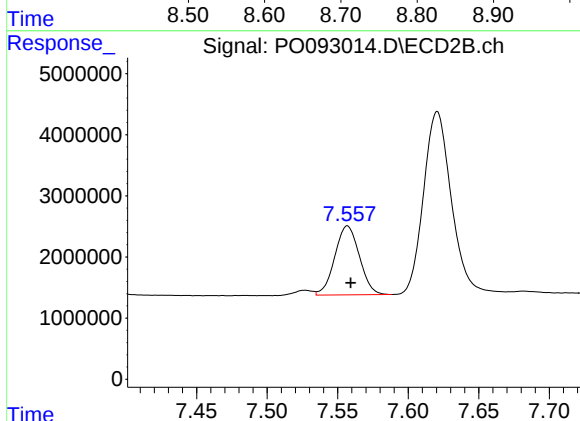
R.T.: 8.119 min
Delta R.T.: -0.001 min
Response: 14523150
Conc: 316.45 ng/ml



#41 AR-1268-1

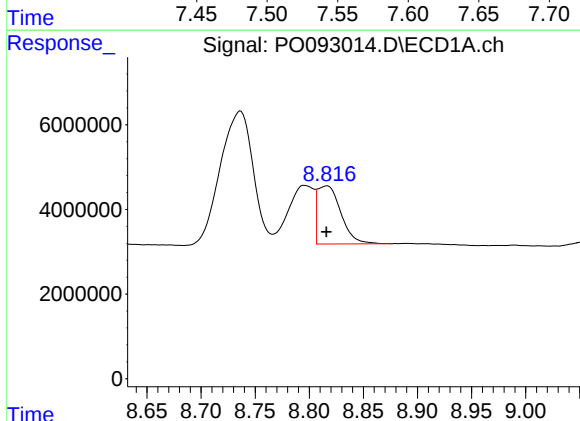
R.T.: 8.736 min
Delta R.T.: 0.017 min
Response: 66283342
Conc: 212.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



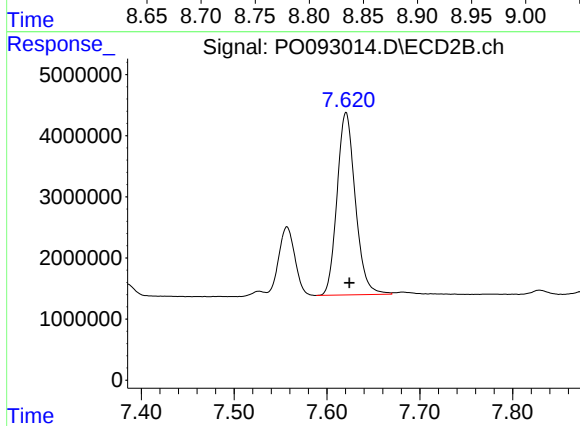
#41 AR-1268-1

R.T.: 7.557 min
Delta R.T.: -0.002 min
Response: 13717050
Conc: 79.83 ng/ml



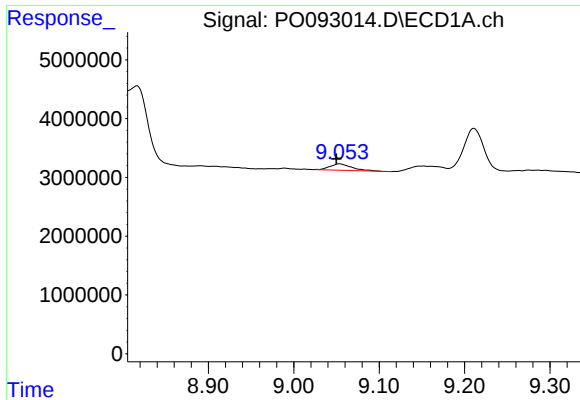
#42 AR-1268-2

R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 20721092
Conc: 70.05 ng/ml



#42 AR-1268-2

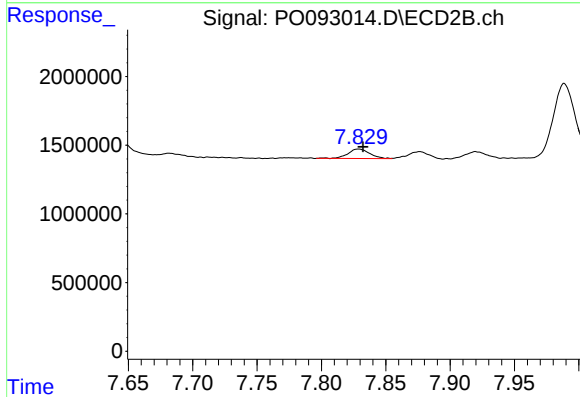
R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 40848222
Conc: 268.33 ng/ml



#43 AR-1268-3

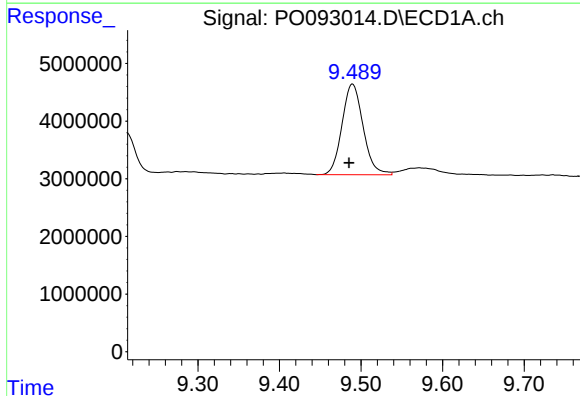
R.T.: 9.054 min
Delta R.T.: 0.004 min
Response: 1933262
Conc: 7.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



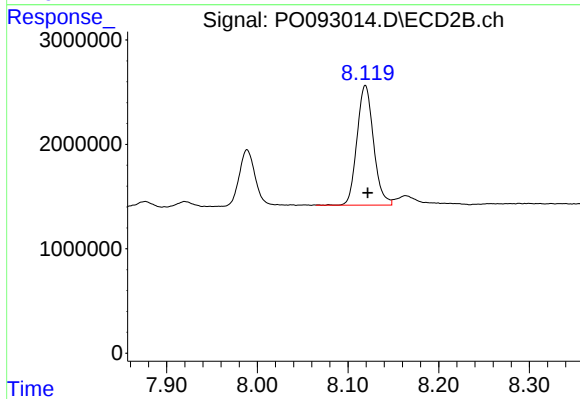
#43 AR-1268-3

R.T.: 7.829 min
Delta R.T.: -0.003 min
Response: 820038
Conc: 6.13 ng/ml



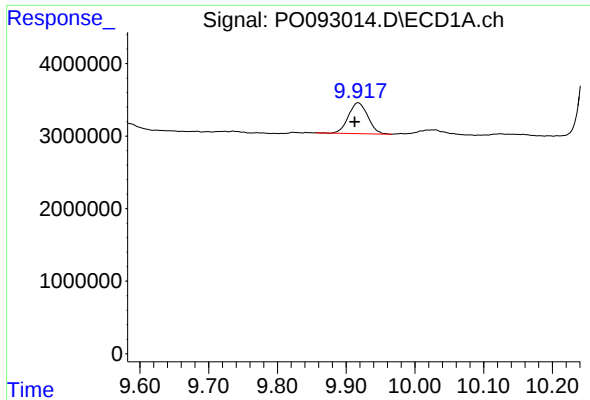
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: 0.004 min
Response: 28304325
Conc: 297.74 ng/ml



#44 AR-1268-4

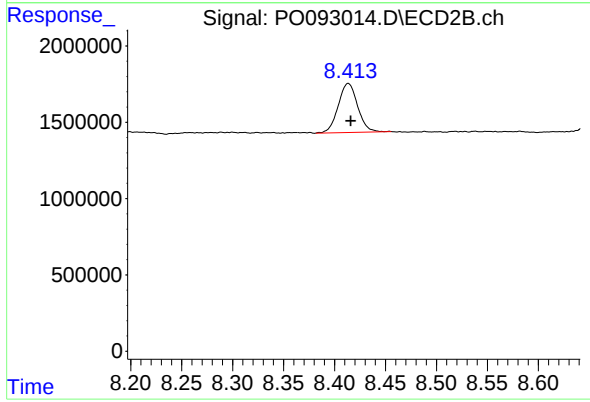
R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 14523150
Conc: 268.79 ng/ml



#45 AR-1268-5

R.T.: 9.918 min
Delta R.T.: 0.005 min
Response: 8308979
Conc: 11.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.414 min
Delta R.T.: -0.002 min
Response: 4288252
Conc: 11.73 ng/ml