

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082923\
 Data File : P0097518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2023 01:39
 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: Aug 30 04:40:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 10:29:21 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...	4.446	3.627	179.0E6	38146635	53.638	56.544
2)	SA Decachlor...	10.300	8.674	95645632	32355737	52.113	56.365
Target Compounds							
3)	L1 AR-1016-1	5.623	4.720	50597580	13042900	562.143	599.159
4)	L1 AR-1016-2	5.645	4.739	75919919	17924642	547.144	594.031
5)	L1 AR-1016-3	5.709	4.916	49800172	9716412	549.259	601.509
6)	L1 AR-1016-4	5.807	4.959	39029336	7978545	562.912	556.026
7)	L1 AR-1016-5	6.104	5.173	37276512	10909074	524.805	596.508
8)	L2 AR-1221-1	4.652	3.843	6427806	1371440	159.712	167.530
9)	L2 AR-1221-2	4.743	3.929	9055922	1783727	301.268	307.766
10)	L2 AR-1221-3	4.820	4.006	31350113	6814536	351.928	370.596
11)	L3 AR-1232-1	4.820	4.006	31350113	6814536	425.056	452.307
12)	L3 AR-1232-2	5.353	4.739	43403085	17924642	1132.607	1283.979
13)	L3 AR-1232-3	5.645	4.916	75919919	9716412	1173.847	1383.410
14)	L3 AR-1232-4	5.807	5.000	39029336	10092964	1225.259	1427.461
15)	L3 AR-1232-5	5.899	5.173	36212152	10909074	1230.690	1385.956
16)	L4 AR-1242-1	5.623	4.720	50597580	13042900	624.734	676.142
17)	L4 AR-1242-2	5.645	4.739	75919919	17924642	607.908	658.519
18)	L4 AR-1242-3	5.709	4.916	49800172	9716412	605.698	677.069
19)	L4 AR-1242-4	5.807	5.000	39029336	10092964	621.737	637.245
20)	L4 AR-1242-5	6.552	5.528	16695285	10564753	265.444	598.630 #
21)	L5 AR-1248-1	5.623	4.720	50597580	13042900	857.901	949.145
22)	L5 AR-1248-2	5.899	4.959	36212152	7978545	366.133	359.816
23)	L5 AR-1248-3	6.104	5.000	37276512	10092964	359.789	438.966
24)	L5 AR-1248-4	6.511	5.173	11366752	10909074	124.255	402.002 #
25)	L5 AR-1248-5	6.552	5.568	16695285	2676074	164.457	118.370 #
26)	L6 AR-1254-1	6.486	5.528	31961226	10564753	290.711	273.731
27)	L6 AR-1254-2	6.706	5.676	28426795	7811551	174.440	229.341 #
28)	L6 AR-1254-3	7.076	6.098	13923836	13557000	85.498	255.506 #
29)	L6 AR-1254-4	7.364	6.312	8319118	942479	85.351	34.563 #
30)	L6 AR-1254-5	7.787	6.731	88418139	24706496	782.995	560.377 #
31)	L7 AR-1260-1	7.242	6.213	65797541	20315379	515.470	543.929
32)	L7 AR-1260-2	7.502	6.402	72349180	24329038	530.940	574.961
33)	L7 AR-1260-3	7.865	6.557	54427783	22525554	514.936	538.142
34)	L7 AR-1260-4	8.094	7.032	59699390	18103404	527.733	559.731
35)	L7 AR-1260-5	8.423	7.273	103.9E6	39569531	552.934	599.285
36)	L8 AR-1262-1	7.865	6.824	54427783	9745904	361.689	485.623 #
37)	L8 AR-1262-2	8.423	7.032	103.9E6	18103404	474.639	414.348
38)	L8 AR-1262-3	8.756	7.560	61648616	8958965	397.644	287.467 #
39)	L8 AR-1262-4	8.817	7.623	40054144	28197939	321.306	501.305 #
40)	L8 AR-1262-5	9.515	8.120	17666137	9658642	256.888	410.563 #
41)	L9 AR-1268-1	8.756	7.560	61648616	8958965	217.063	93.594 #

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 ALS Vial : 3 Sample Multiplier: 1

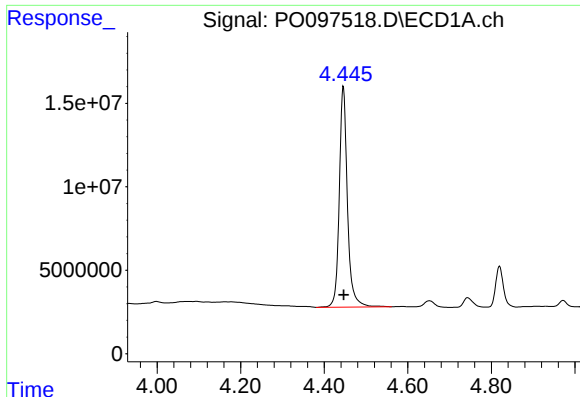
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 04:40:01 2023
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 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	8.817	7.623	40054144	28197939	157.646	340.165 #
43) L9	AR-1268-3	0.000	7.926	0	343521	N.D.	17.337 #
44) L9	AR-1268-4	9.515	8.120	17666137	9658642	229.523	373.752 #
45) L9	AR-1268-5	9.947	8.415	9522324	3025587	13.790	13.272

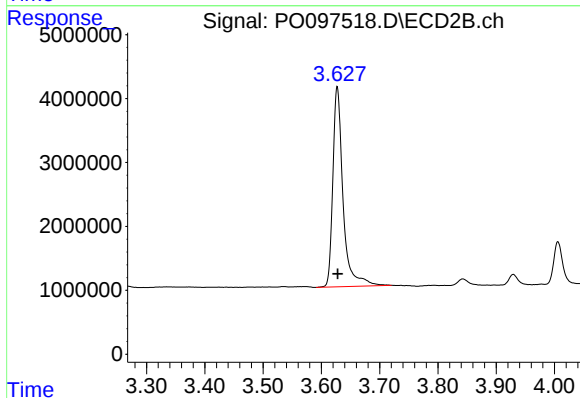
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

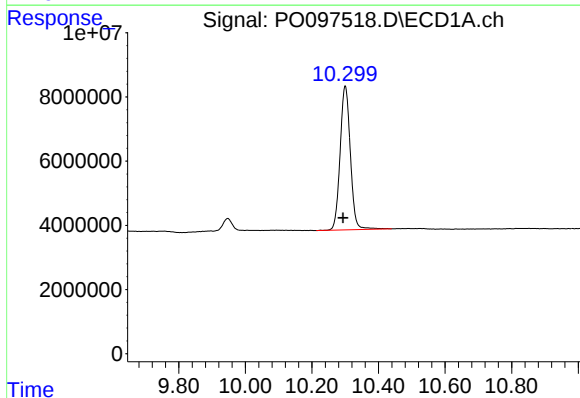
R.T.: 4.446 min
Delta R.T.: -0.001 min
Response: 179022919
Conc: 53.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



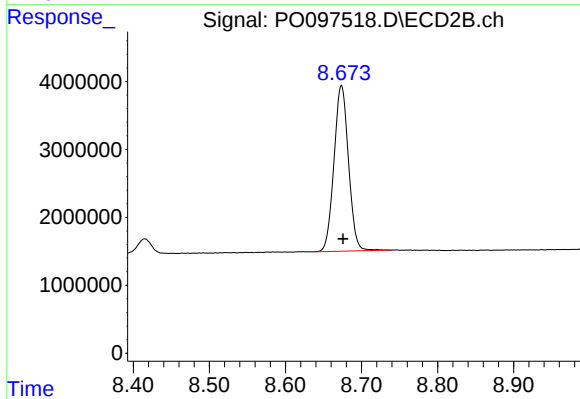
#1 Tetrachloro-m-xylene

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 38146635
Conc: 56.54 ng/ml



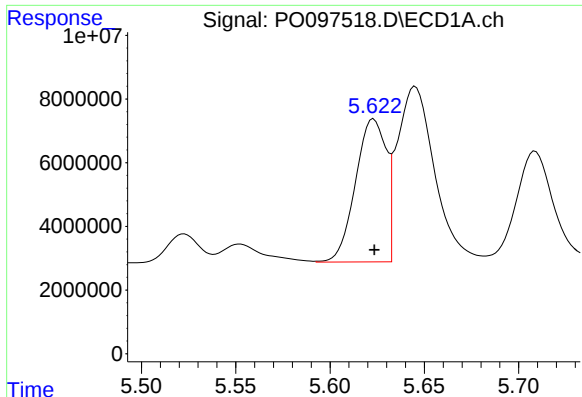
#2 Decachlorobiphenyl

R.T.: 10.300 min
Delta R.T.: 0.006 min
Response: 95645632
Conc: 52.11 ng/ml



#2 Decachlorobiphenyl

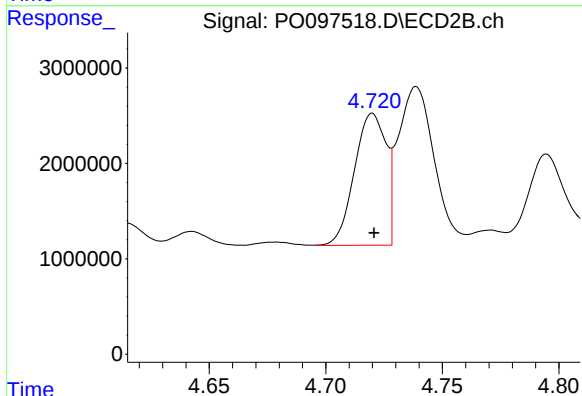
R.T.: 8.674 min
Delta R.T.: -0.002 min
Response: 32355737
Conc: 56.37 ng/ml



#3 AR-1016-1

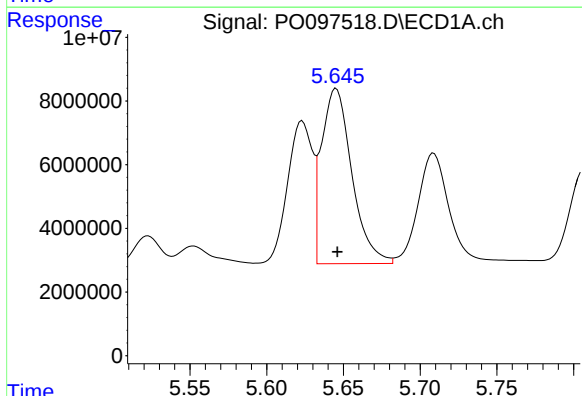
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 50597580
Conc: 562.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



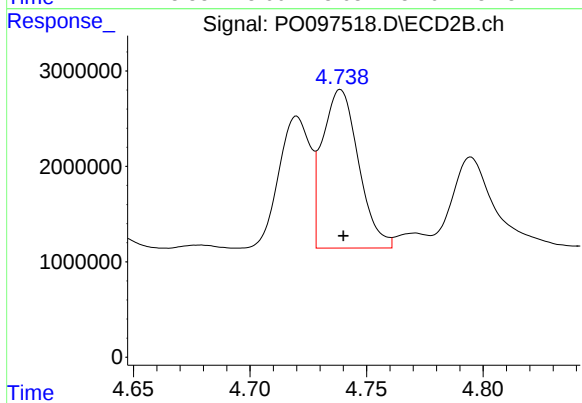
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 13042900
Conc: 599.16 ng/ml



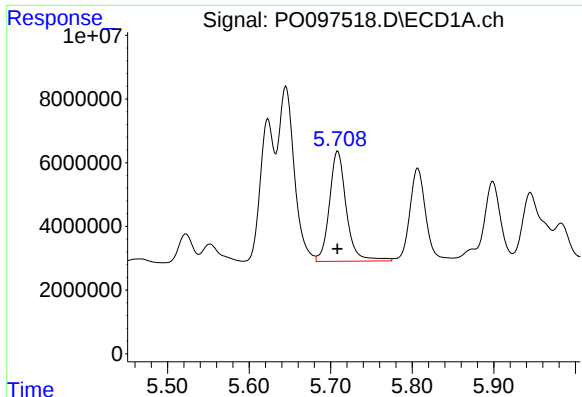
#4 AR-1016-2

R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 75919919
Conc: 547.14 ng/ml



#4 AR-1016-2

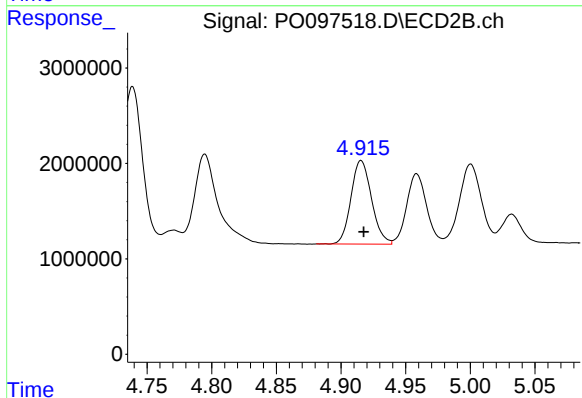
R.T.: 4.739 min
Delta R.T.: -0.001 min
Response: 17924642
Conc: 594.03 ng/ml



#5 AR-1016-3

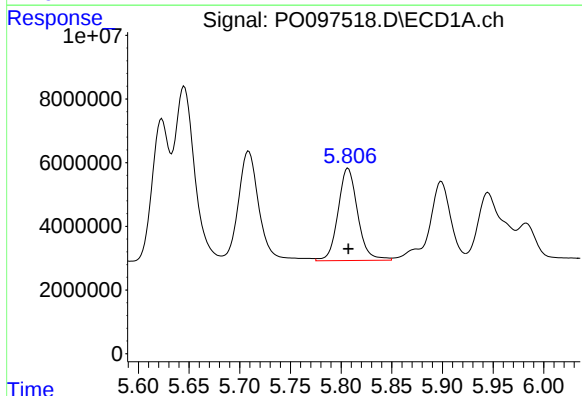
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 49800172
Conc: 549.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



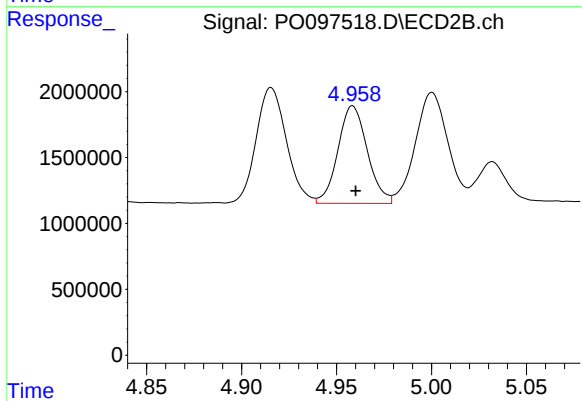
#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 9716412
Conc: 601.51 ng/ml



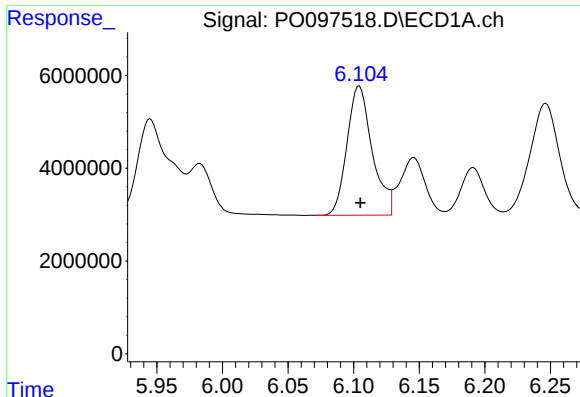
#6 AR-1016-4

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 39029336
Conc: 562.91 ng/ml



#6 AR-1016-4

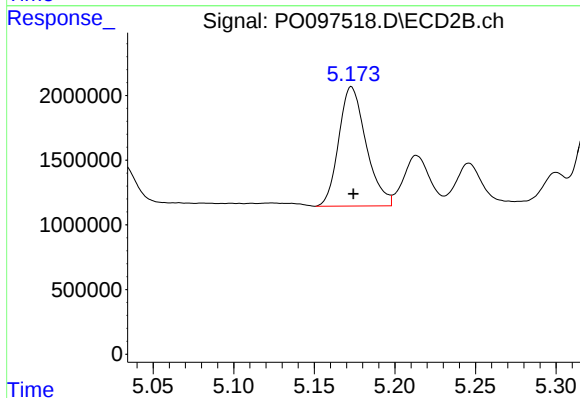
R.T.: 4.959 min
Delta R.T.: -0.002 min
Response: 7978545
Conc: 556.03 ng/ml



#7 AR-1016-5

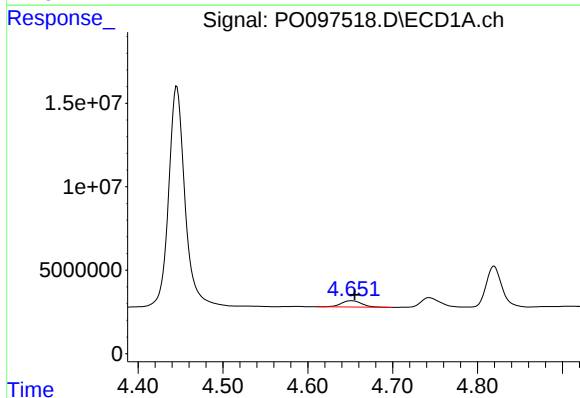
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 37276512
Conc: 524.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



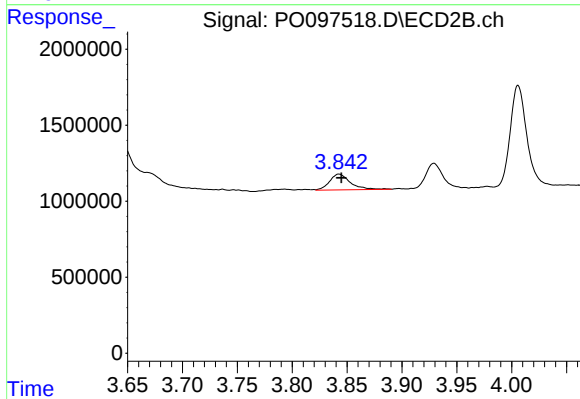
#7 AR-1016-5

R.T.: 5.173 min
Delta R.T.: -0.001 min
Response: 10909074
Conc: 596.51 ng/ml



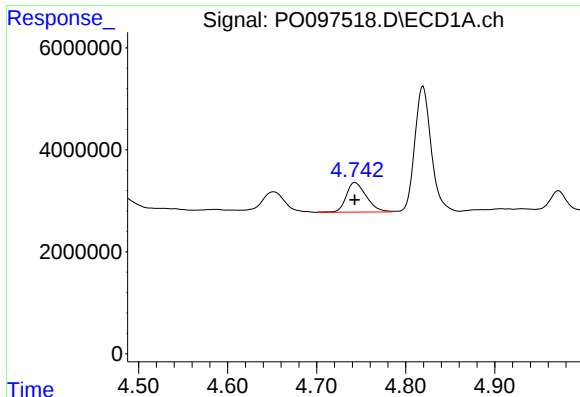
#8 AR-1221-1

R.T.: 4.652 min
Delta R.T.: -0.003 min
Response: 6427806
Conc: 159.71 ng/ml



#8 AR-1221-1

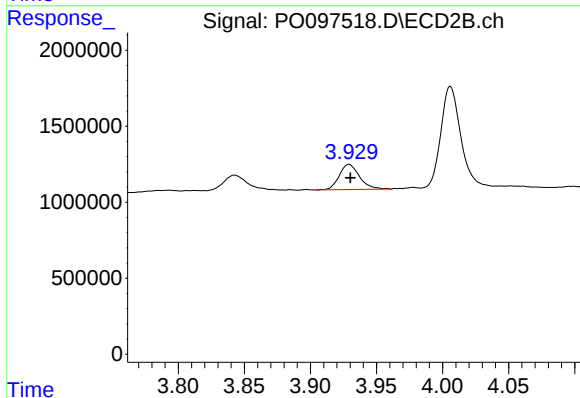
R.T.: 3.843 min
Delta R.T.: -0.002 min
Response: 1371440
Conc: 167.53 ng/ml



#9 AR-1221-2

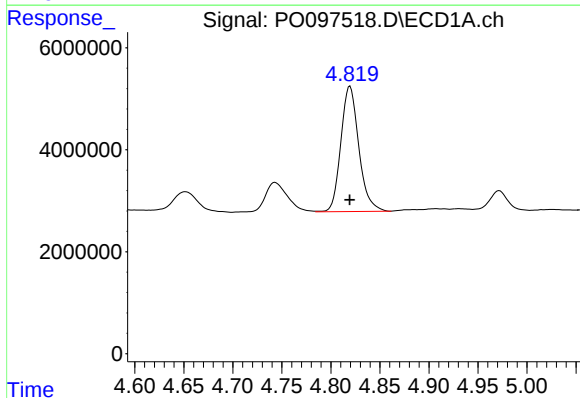
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 9055922
Conc: 301.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



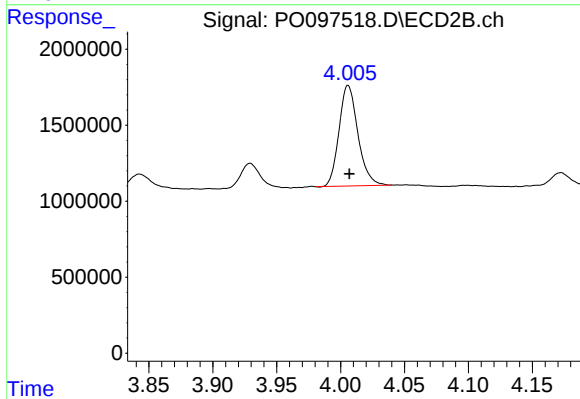
#9 AR-1221-2

R.T.: 3.929 min
Delta R.T.: -0.001 min
Response: 1783727
Conc: 307.77 ng/ml



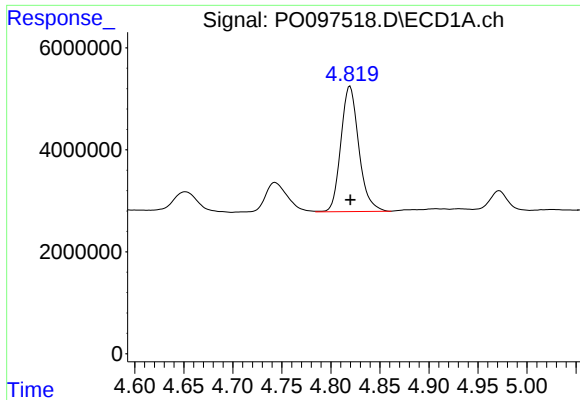
#10 AR-1221-3

R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 31350113
Conc: 351.93 ng/ml



#10 AR-1221-3

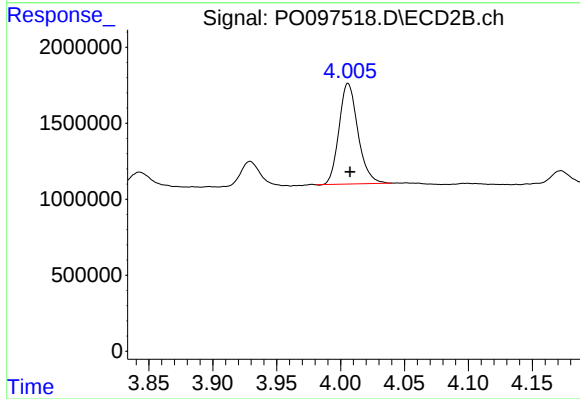
R.T.: 4.006 min
Delta R.T.: -0.001 min
Response: 6814536
Conc: 370.60 ng/ml



#11 AR-1232-1

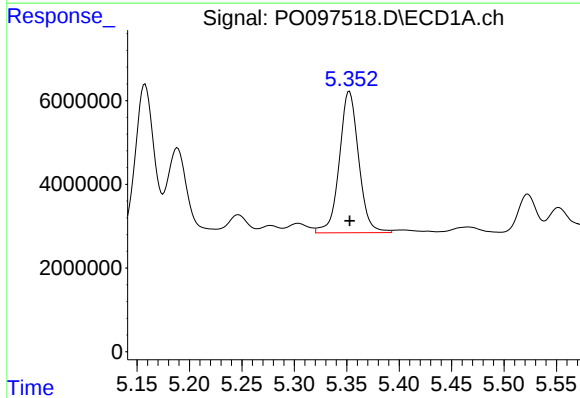
R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 31350113
Conc: 425.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



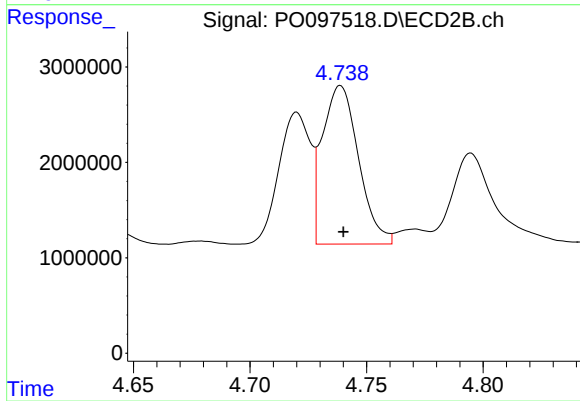
#11 AR-1232-1

R.T.: 4.006 min
Delta R.T.: -0.001 min
Response: 6814536
Conc: 452.31 ng/ml



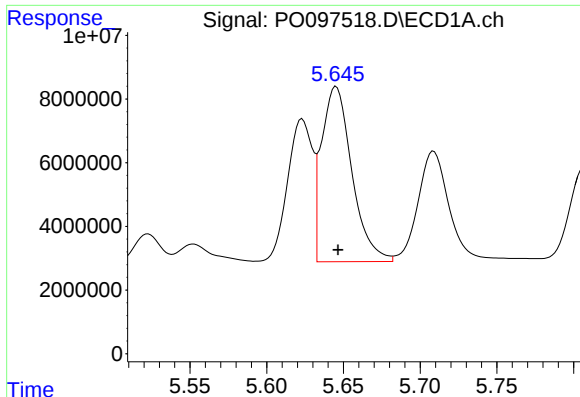
#12 AR-1232-2

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 43403085
Conc: 1132.61 ng/ml



#12 AR-1232-2

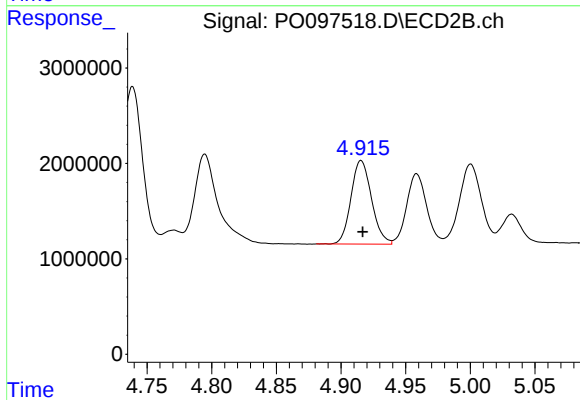
R.T.: 4.739 min
Delta R.T.: -0.001 min
Response: 17924642
Conc: 1283.98 ng/ml



#13 AR-1232-3

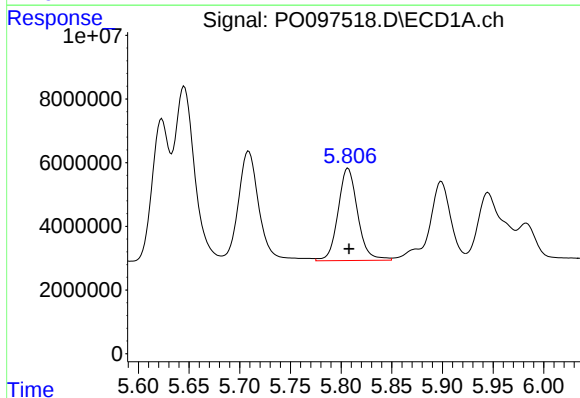
R.T.: 5.645 min
Delta R.T.: -0.001 min
Response: 75919919
Conc: 1173.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



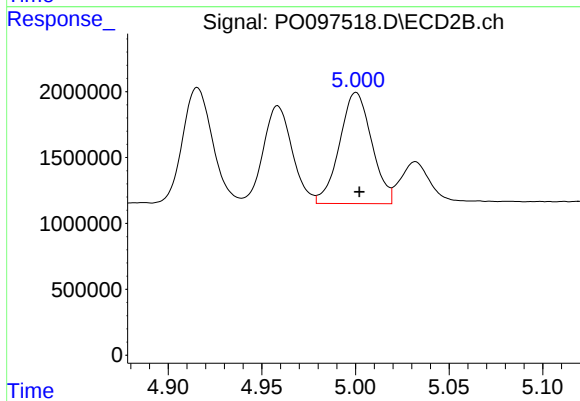
#13 AR-1232-3

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 9716412
Conc: 1383.41 ng/ml



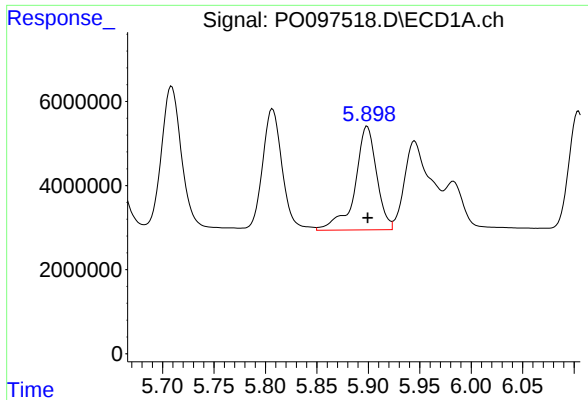
#14 AR-1232-4

R.T.: 5.807 min
Delta R.T.: -0.001 min
Response: 39029336
Conc: 1225.26 ng/ml



#14 AR-1232-4

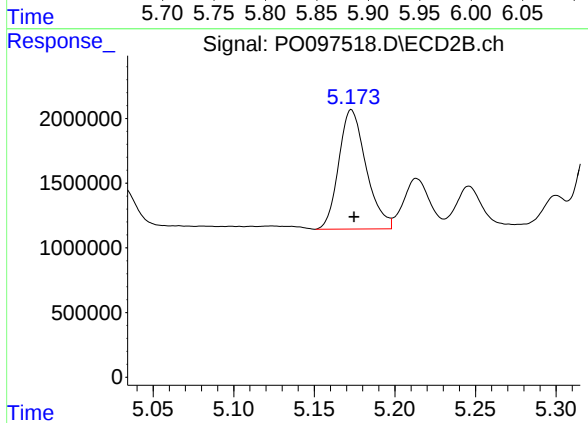
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 10092964
Conc: 1427.46 ng/ml



#15 AR-1232-5

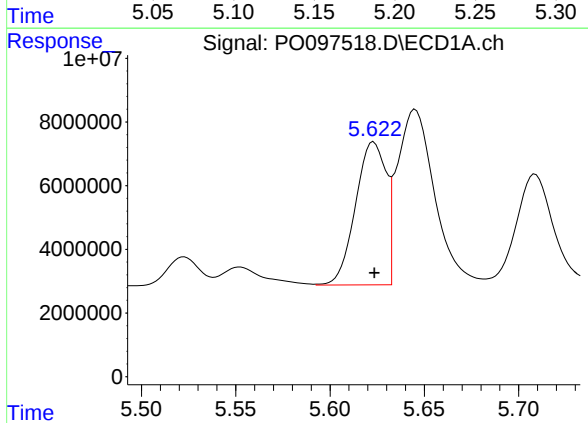
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 36212152
Conc: 1230.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



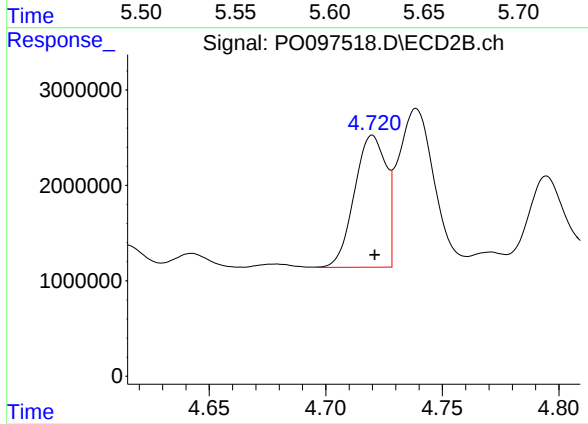
#15 AR-1232-5

R.T.: 5.173 min
Delta R.T.: -0.002 min
Response: 10909074
Conc: 1385.96 ng/ml



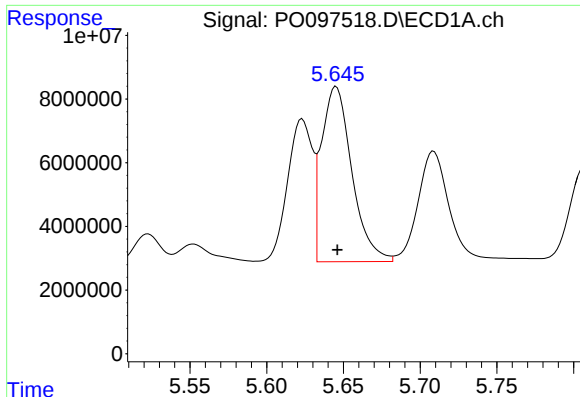
#16 AR-1242-1

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 50597580
Conc: 624.73 ng/ml



#16 AR-1242-1

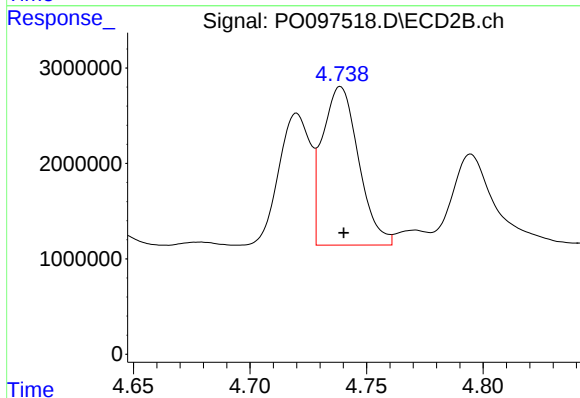
R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 13042900
Conc: 676.14 ng/ml



#17 AR-1242-2

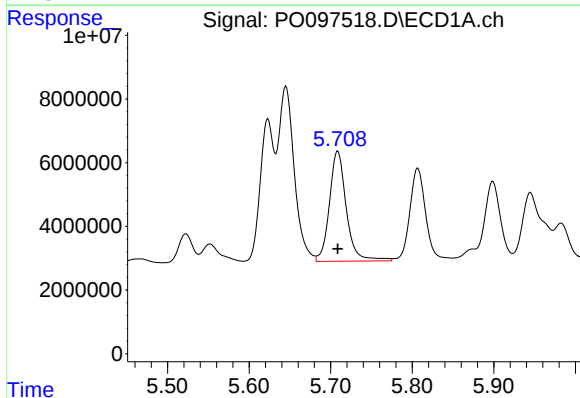
R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 75919919
Conc: 607.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



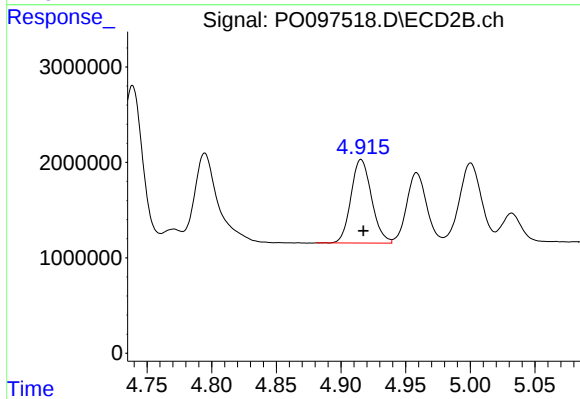
#17 AR-1242-2

R.T.: 4.739 min
Delta R.T.: -0.001 min
Response: 17924642
Conc: 658.52 ng/ml



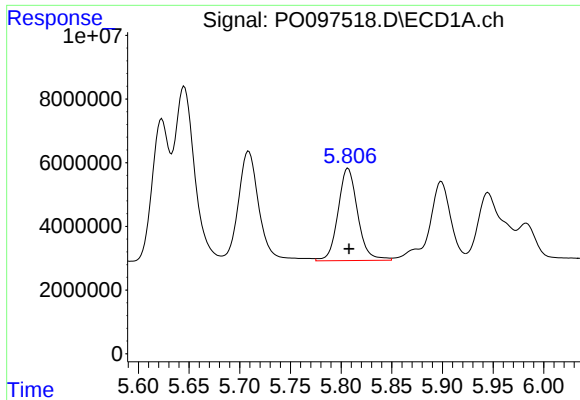
#18 AR-1242-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 49800172
Conc: 605.70 ng/ml



#18 AR-1242-3

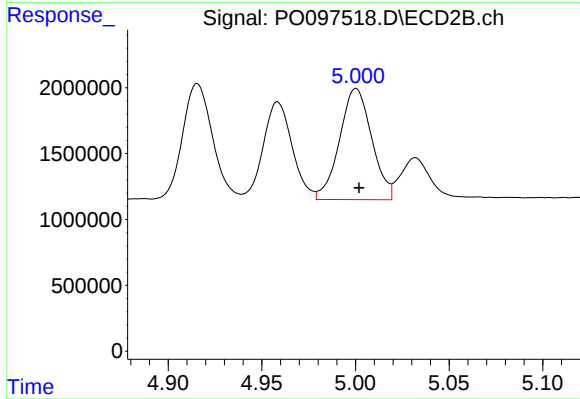
R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 9716412
Conc: 677.07 ng/ml



#19 AR-1242-4

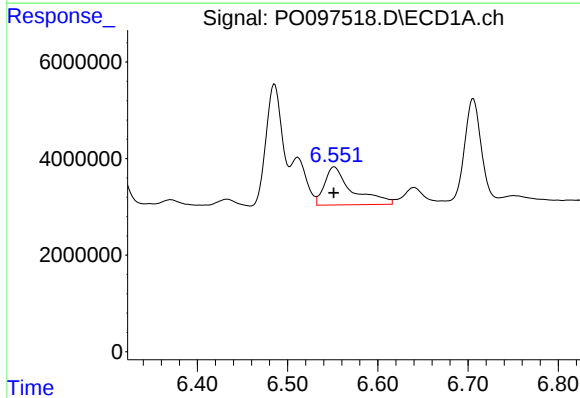
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 39029336
Conc: 621.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



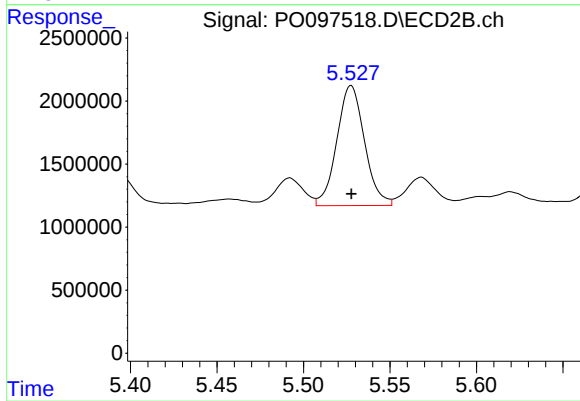
#19 AR-1242-4

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 10092964
Conc: 637.25 ng/ml



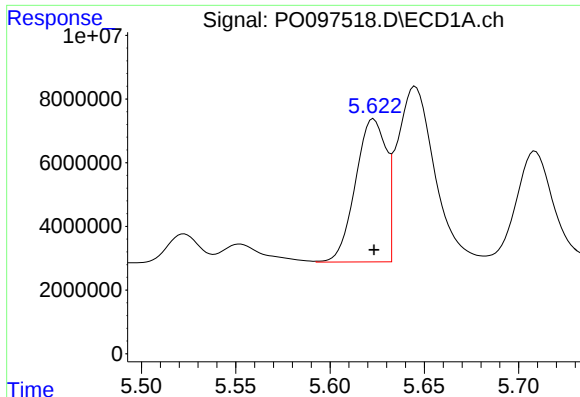
#20 AR-1242-5

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 16695285
Conc: 265.44 ng/ml



#20 AR-1242-5

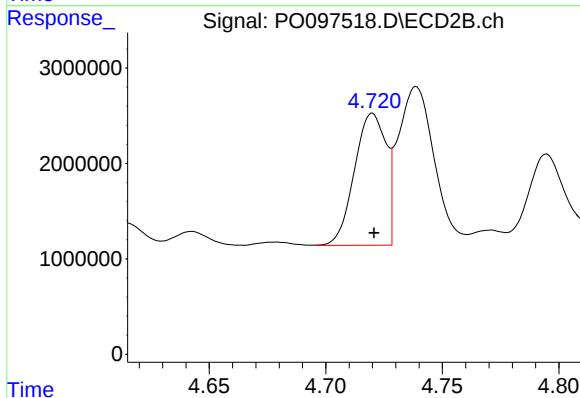
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 10564753
Conc: 598.63 ng/ml



#21 AR-1248-1

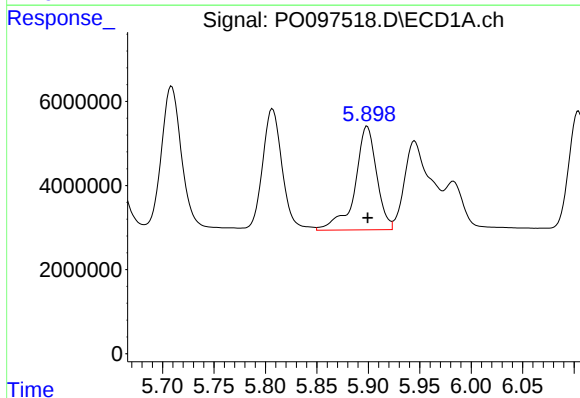
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 50597580
Conc: 857.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



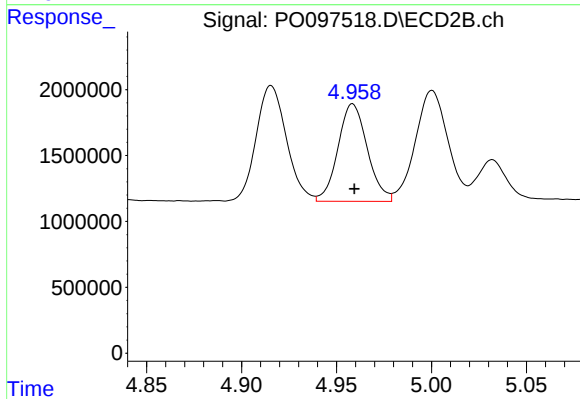
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 13042900
Conc: 949.14 ng/ml



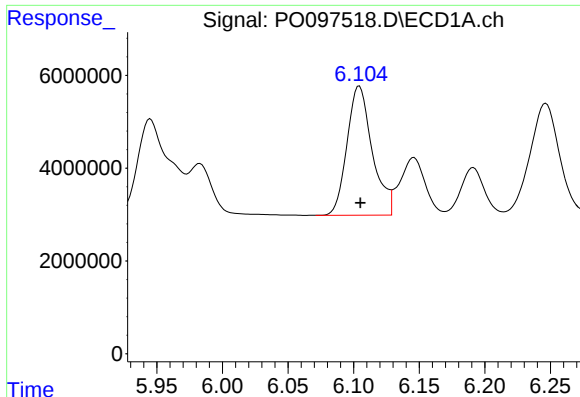
#22 AR-1248-2

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 36212152
Conc: 366.13 ng/ml



#22 AR-1248-2

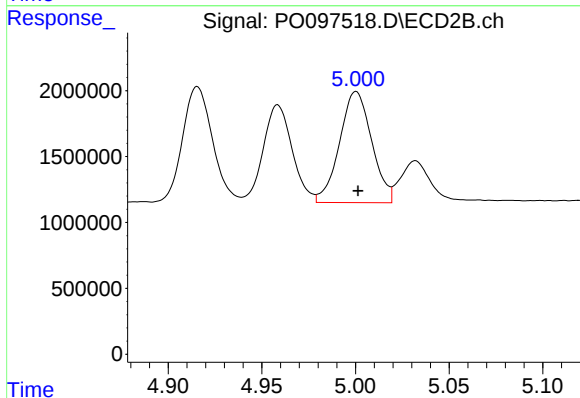
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 7978545
Conc: 359.82 ng/ml



#23 AR-1248-3

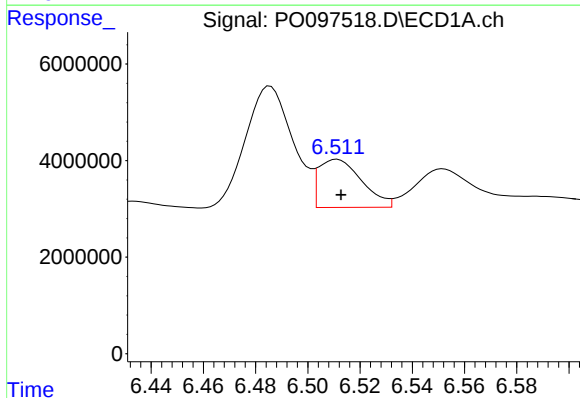
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 37276512
Conc: 359.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



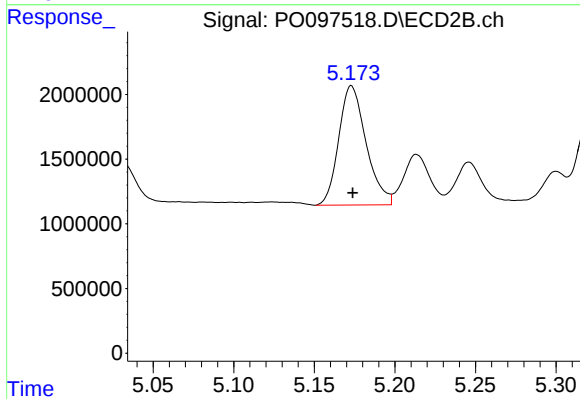
#23 AR-1248-3

R.T.: 5.000 min
Delta R.T.: -0.001 min
Response: 10092964
Conc: 438.97 ng/ml



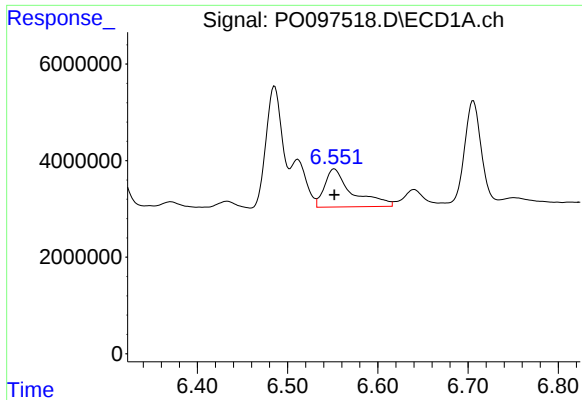
#24 AR-1248-4

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 11366752
Conc: 124.26 ng/ml



#24 AR-1248-4

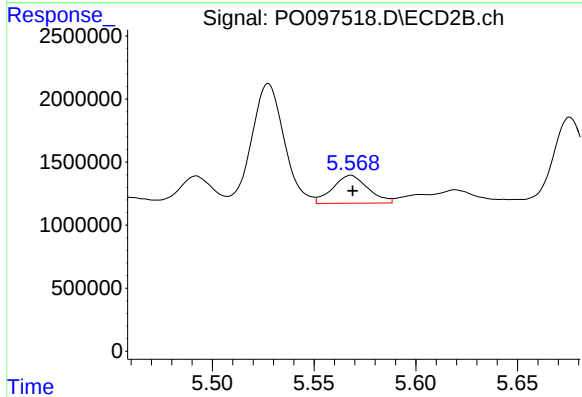
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 10909074
Conc: 402.00 ng/ml



#25 AR-1248-5

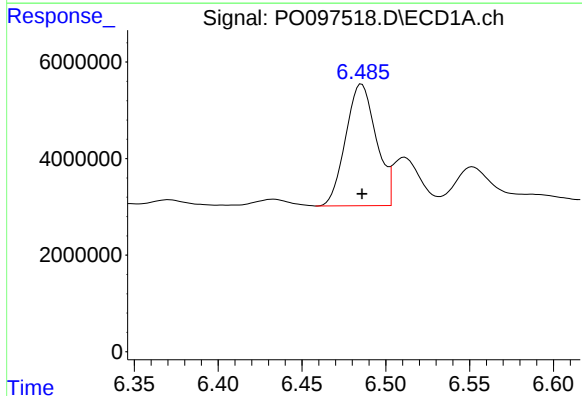
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 16695285
Conc: 164.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



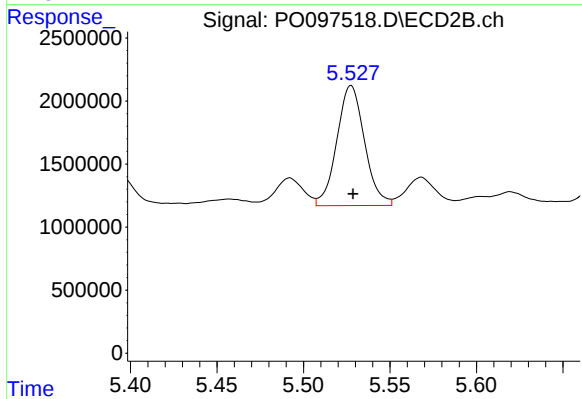
#25 AR-1248-5

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 2676074
Conc: 118.37 ng/ml



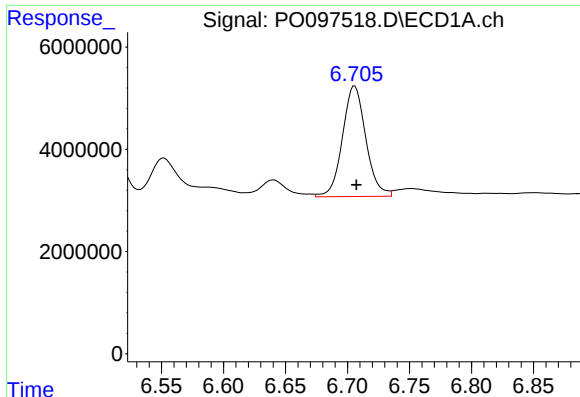
#26 AR-1254-1

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 31961226
Conc: 290.71 ng/ml



#26 AR-1254-1

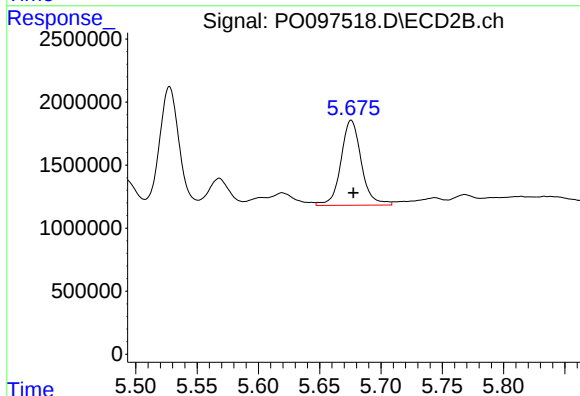
R.T.: 5.528 min
Delta R.T.: -0.001 min
Response: 10564753
Conc: 273.73 ng/ml



#27 AR-1254-2

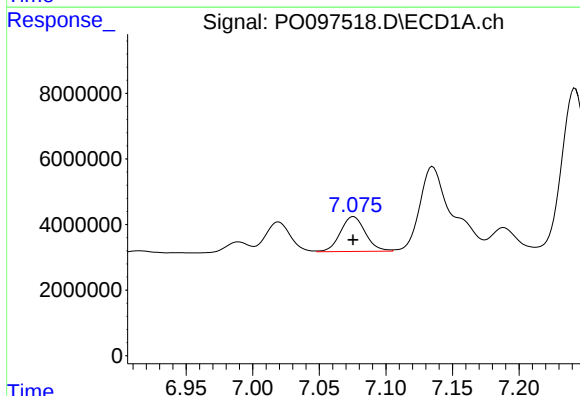
R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 28426795
Conc: 174.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



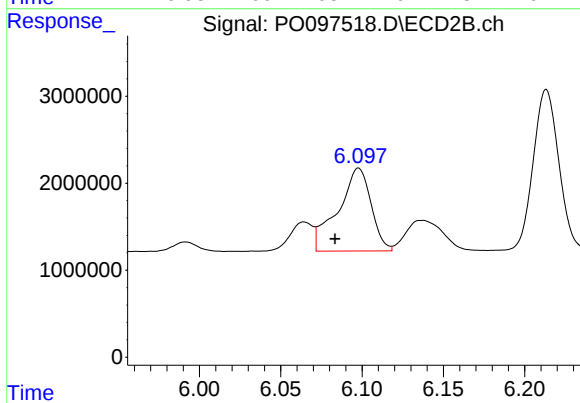
#27 AR-1254-2

R.T.: 5.676 min
Delta R.T.: -0.002 min
Response: 7811551
Conc: 229.34 ng/ml



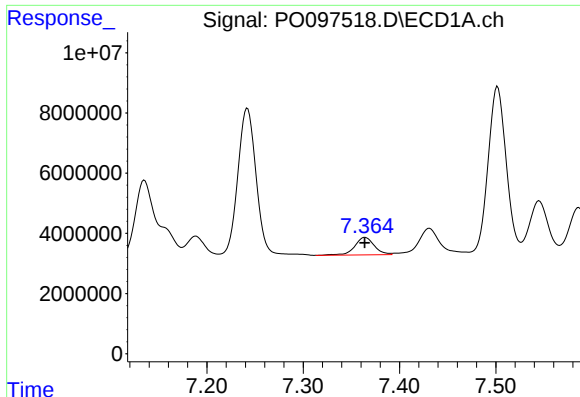
#28 AR-1254-3

R.T.: 7.076 min
Delta R.T.: 0.000 min
Response: 13923836
Conc: 85.50 ng/ml



#28 AR-1254-3

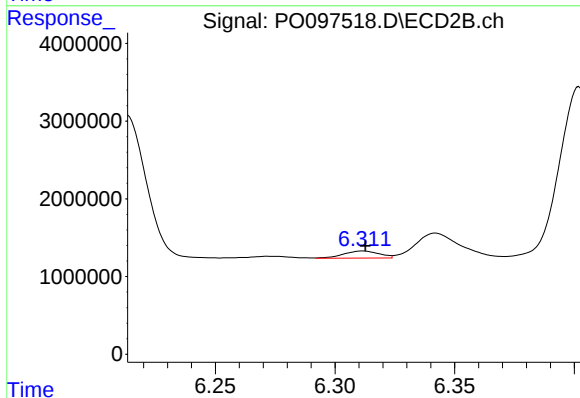
R.T.: 6.098 min
Delta R.T.: 0.014 min
Response: 13557000
Conc: 255.51 ng/ml



#29 AR-1254-4

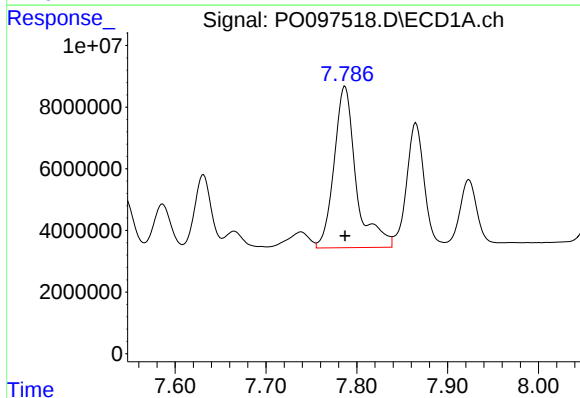
R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 8319118
Conc: 85.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



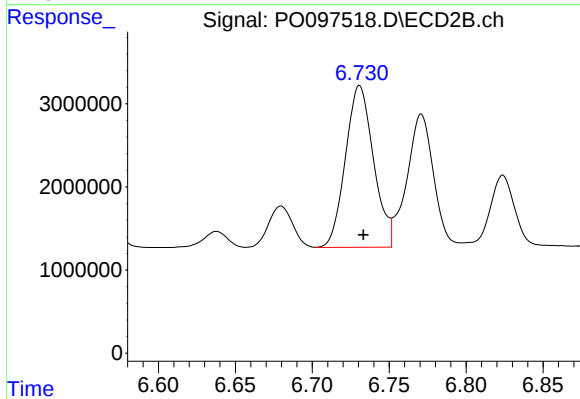
#29 AR-1254-4

R.T.: 6.312 min
Delta R.T.: -0.001 min
Response: 942479
Conc: 34.56 ng/ml



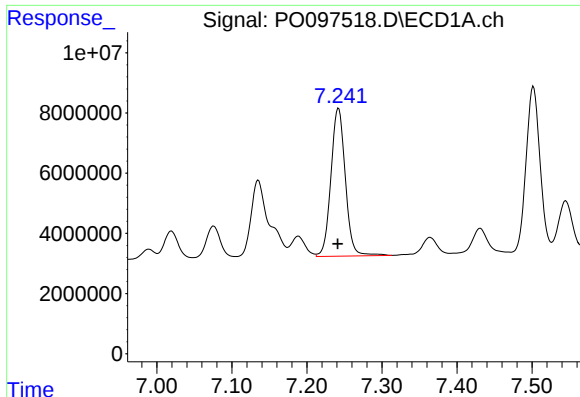
#30 AR-1254-5

R.T.: 7.787 min
Delta R.T.: 0.000 min
Response: 88418139
Conc: 782.99 ng/ml



#30 AR-1254-5

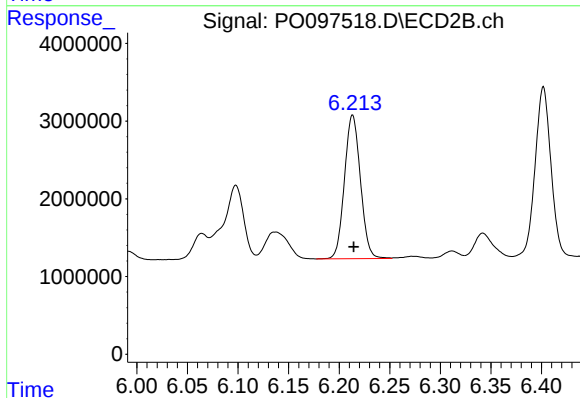
R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 24706496
Conc: 560.38 ng/ml



#31 AR-1260-1

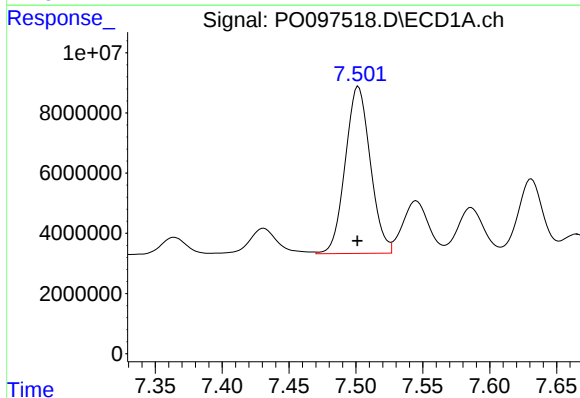
R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 65797541
Conc: 515.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



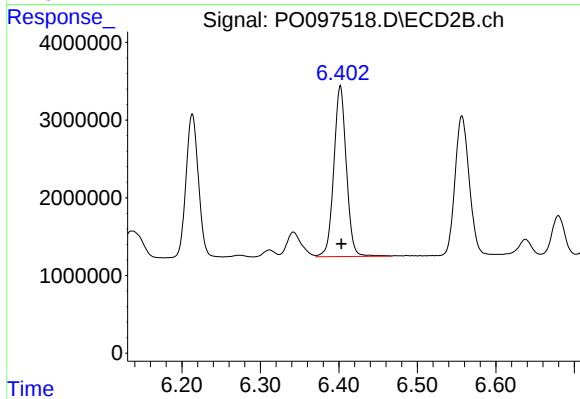
#31 AR-1260-1

R.T.: 6.213 min
Delta R.T.: -0.001 min
Response: 20315379
Conc: 543.93 ng/ml



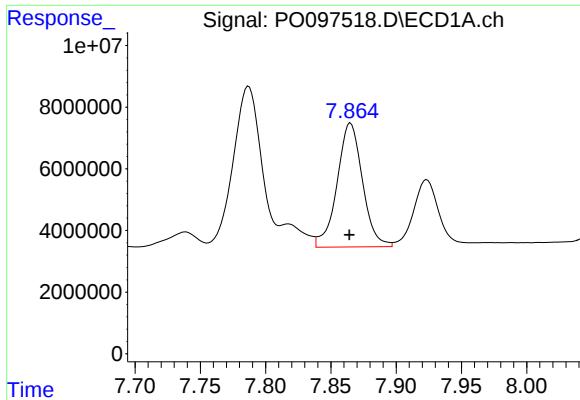
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 72349180
Conc: 530.94 ng/ml



#32 AR-1260-2

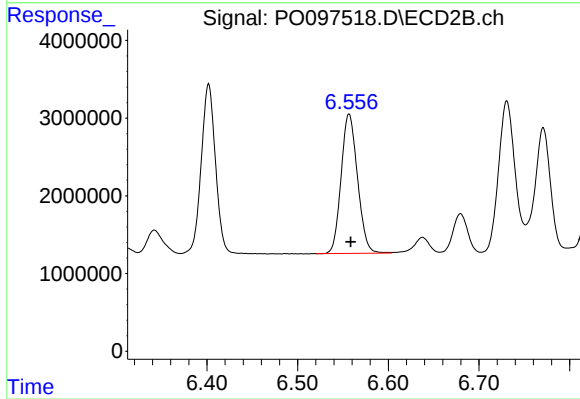
R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 24329038
Conc: 574.96 ng/ml



#33 AR-1260-3

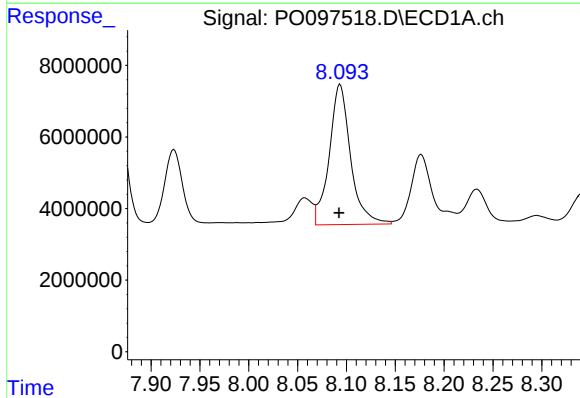
R.T.: 7.865 min
Delta R.T.: 0.001 min
Response: 54427783
Conc: 514.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



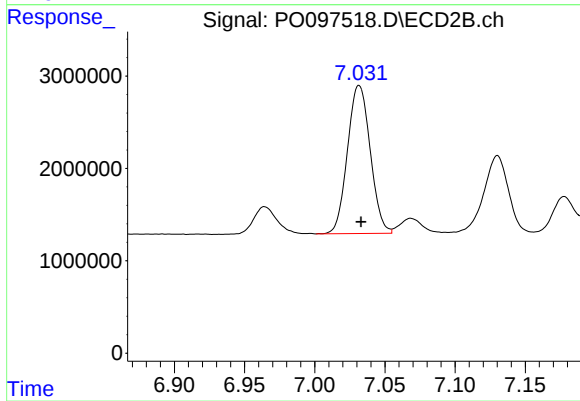
#33 AR-1260-3

R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 22525554
Conc: 538.14 ng/ml



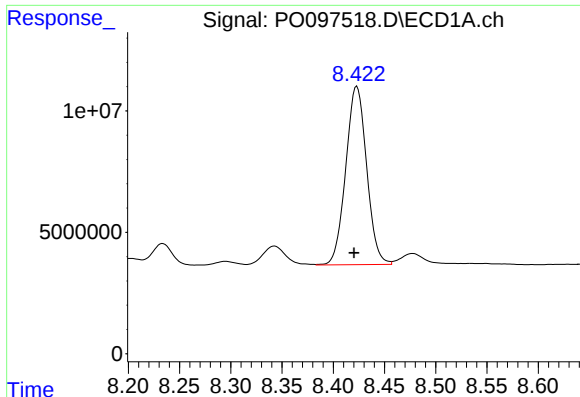
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: 0.001 min
Response: 59699390
Conc: 527.73 ng/ml



#34 AR-1260-4

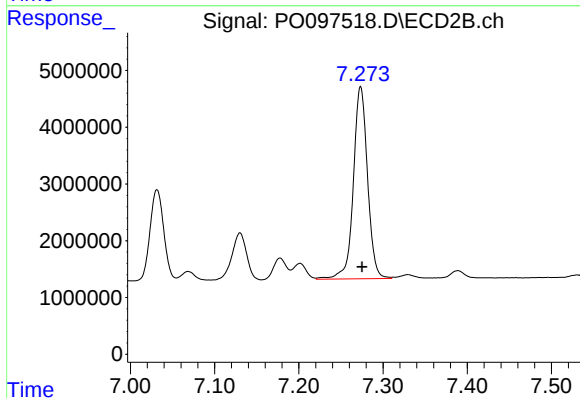
R.T.: 7.032 min
Delta R.T.: -0.001 min
Response: 18103404
Conc: 559.73 ng/ml



#35 AR-1260-5

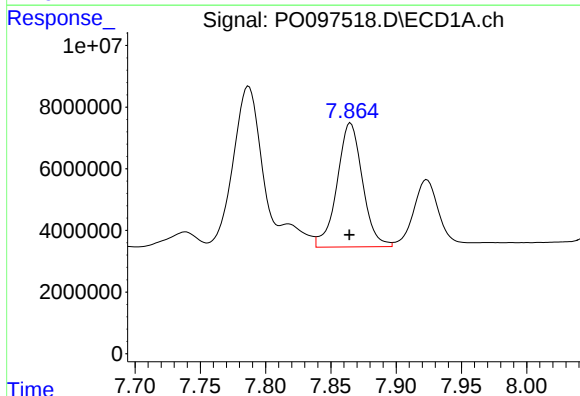
R.T.: 8.423 min
Delta R.T.: 0.003 min
Response: 103939877
Conc: 552.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



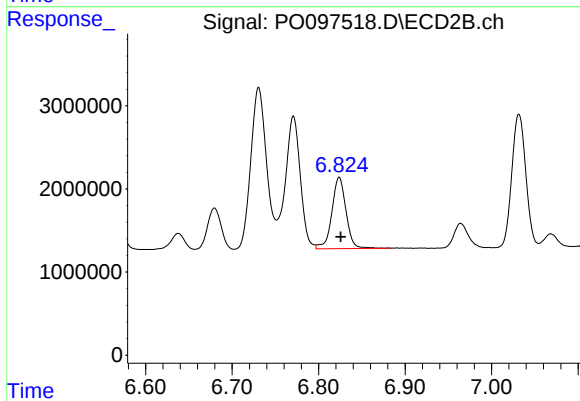
#35 AR-1260-5

R.T.: 7.273 min
Delta R.T.: -0.002 min
Response: 39569531
Conc: 599.29 ng/ml



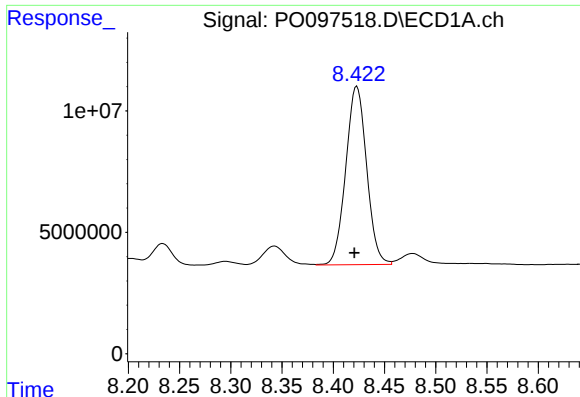
#36 AR-1262-1

R.T.: 7.865 min
Delta R.T.: 0.000 min
Response: 54427783
Conc: 361.69 ng/ml



#36 AR-1262-1

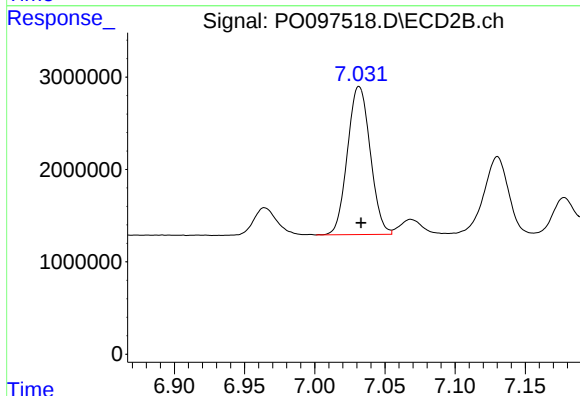
R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 9745904
Conc: 485.62 ng/ml



#37 AR-1262-2

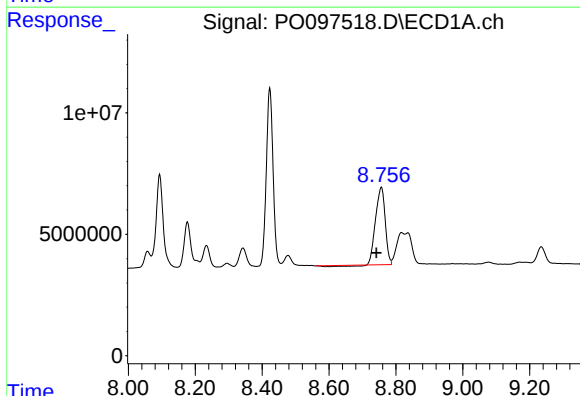
R.T.: 8.423 min
Delta R.T.: 0.003 min
Response: 103939877
Conc: 474.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



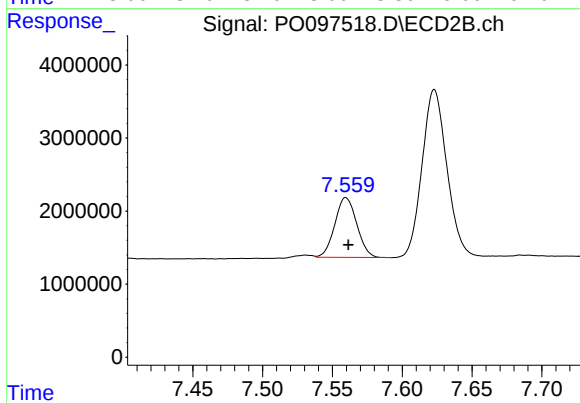
#37 AR-1262-2

R.T.: 7.032 min
Delta R.T.: -0.002 min
Response: 18103404
Conc: 414.35 ng/ml



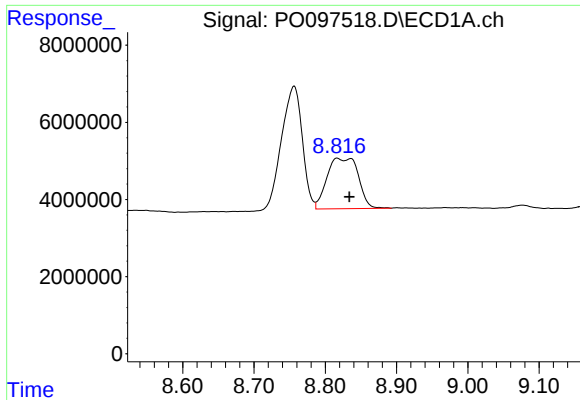
#38 AR-1262-3

R.T.: 8.756 min
Delta R.T.: 0.014 min
Response: 61648616
Conc: 397.64 ng/ml



#38 AR-1262-3

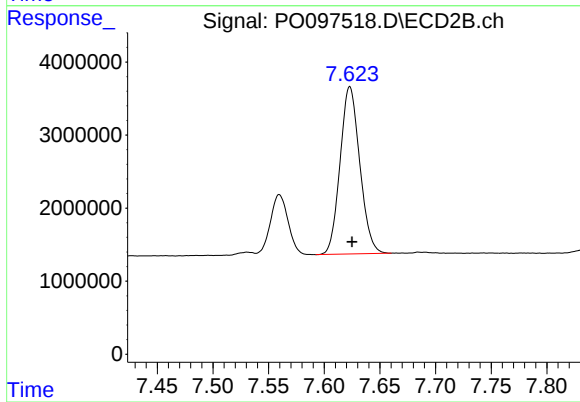
R.T.: 7.560 min
Delta R.T.: -0.002 min
Response: 8958965
Conc: 287.47 ng/ml



#39 AR-1262-4

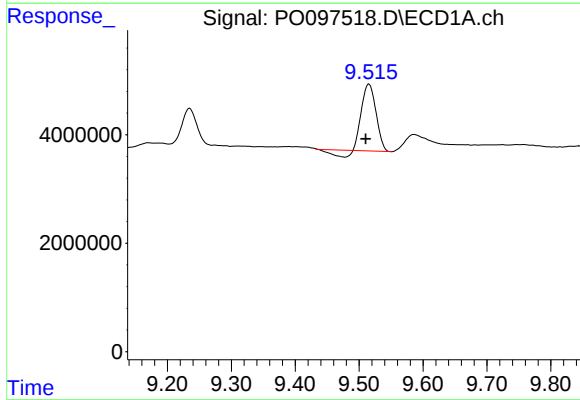
R.T.: 8.817 min
Delta R.T.: -0.017 min
Response: 40054144
Conc: 321.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



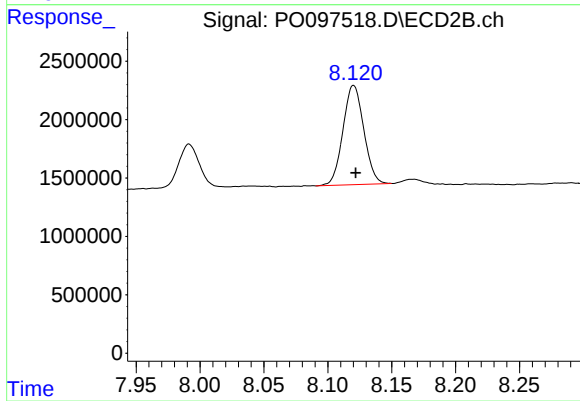
#39 AR-1262-4

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 28197939
Conc: 501.31 ng/ml



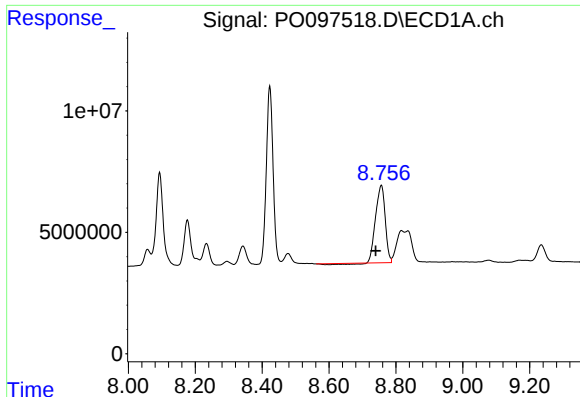
#40 AR-1262-5

R.T.: 9.515 min
Delta R.T.: 0.005 min
Response: 17666137
Conc: 256.89 ng/ml



#40 AR-1262-5

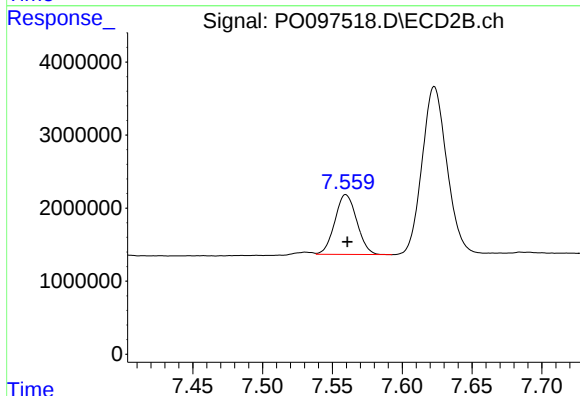
R.T.: 8.120 min
Delta R.T.: -0.002 min
Response: 9658642
Conc: 410.56 ng/ml



#41 AR-1268-1

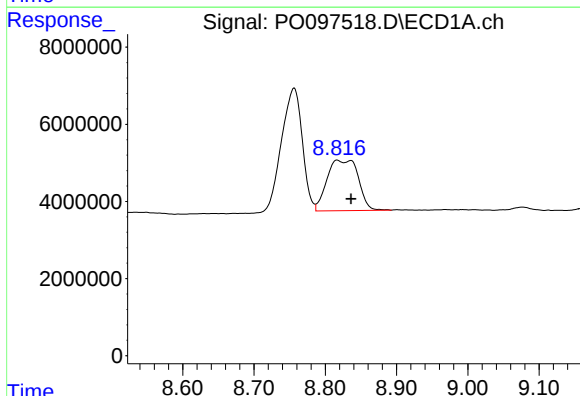
R.T.: 8.756 min
Delta R.T.: 0.017 min
Response: 61648616
Conc: 217.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



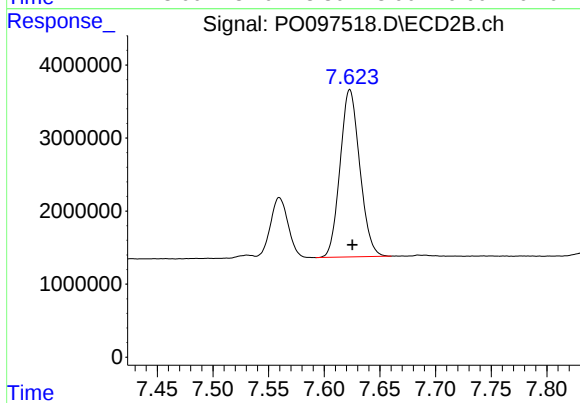
#41 AR-1268-1

R.T.: 7.560 min
Delta R.T.: -0.001 min
Response: 8958965
Conc: 93.59 ng/ml



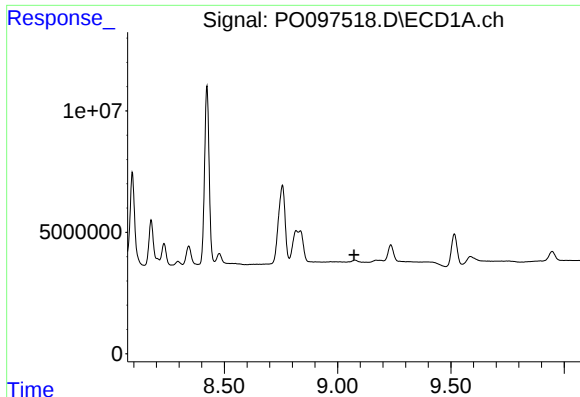
#42 AR-1268-2

R.T.: 8.817 min
Delta R.T.: -0.019 min
Response: 40054144
Conc: 157.65 ng/ml



#42 AR-1268-2

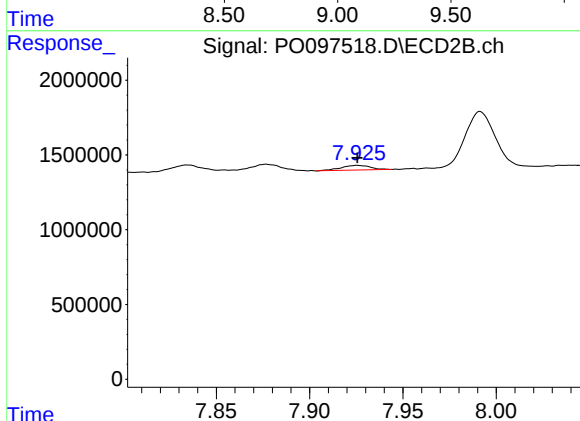
R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 28197939
Conc: 340.17 ng/ml



#43 AR-1268-3

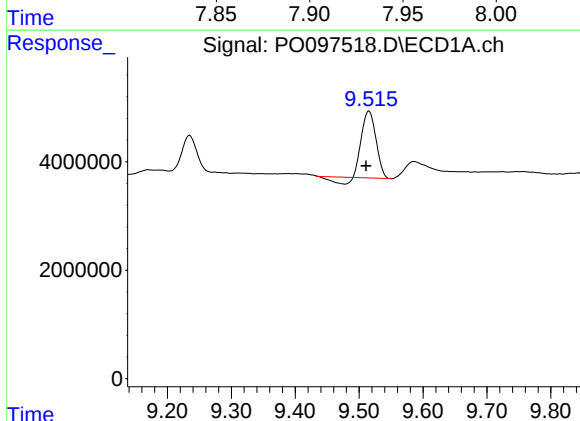
R.T.: 0.000 min
Exp R.T.: 9.073 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



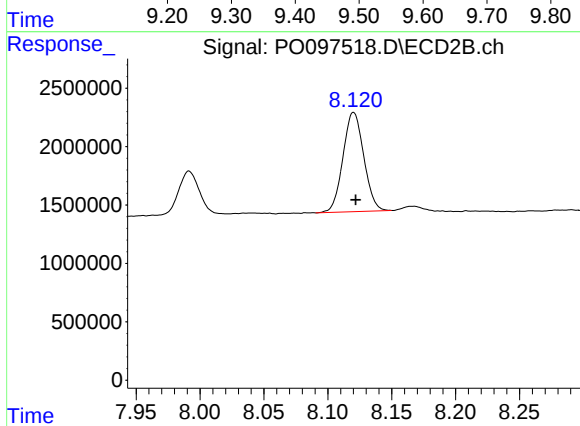
#43 AR-1268-3

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 343521
Conc: 17.34 ng/ml



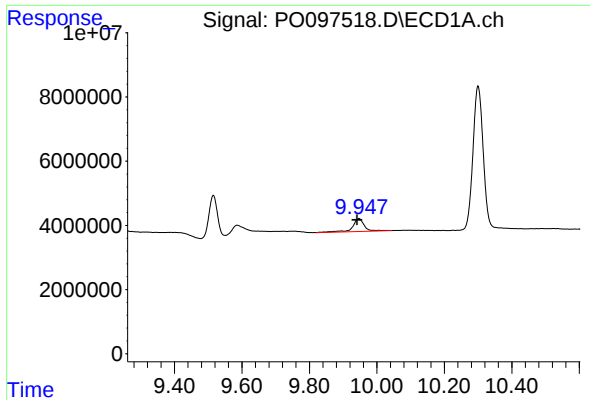
#44 AR-1268-4

R.T.: 9.515 min
Delta R.T.: 0.005 min
Response: 17666137
Conc: 229.52 ng/ml



#44 AR-1268-4

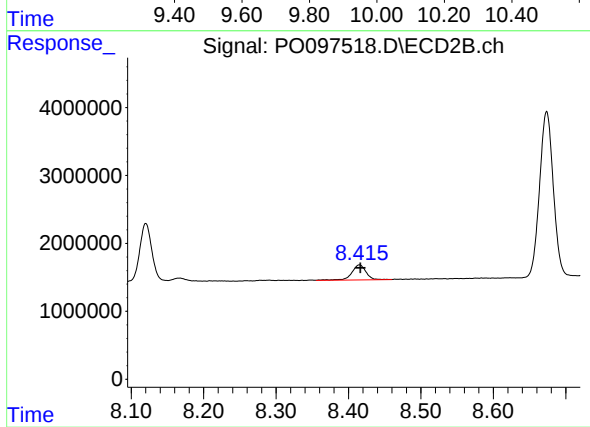
R.T.: 8.120 min
Delta R.T.: -0.002 min
Response: 9658642
Conc: 373.75 ng/ml



#45 AR-1268-5

R.T.: 9.947 min
Delta R.T.: 0.006 min
Response: 9522324
Conc: 13.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.415 min
Delta R.T.: -0.001 min
Response: 3025587
Conc: 13.27 ng/ml