

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0010523\
 Data File : P0091855.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2023 16:50
 Operator : YP/AJ
 Sample : 01029-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 20:43:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 01:51:19 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...	4.292	3.468	81878998	34311645	25.479	24.854
2)	SA Decachlor...	10.032	8.464	47970622	26857476	20.209	21.339
Target Compounds							
3)	L1 AR-1016-1	5.467	4.552	52951960	24075187	476.988	488.048
4)	L1 AR-1016-2	5.490	4.570	77953753	33915415	493.368	482.274
5)	L1 AR-1016-3	5.552	4.745	49066289	18696715	472.578	479.297
6)	L1 AR-1016-4	5.650	4.789	34511714	15806227	437.501	484.815
7)	L1 AR-1016-5	5.948	5.002	38035850	19637070	435.392	474.349
8)	L2 AR-1221-1	4.499	3.680	9881431	2456505	243.717	134.505 #
9)	L2 AR-1221-2	4.588	3.766	6896989	3828100	231.300	276.757
10)	L2 AR-1221-3	4.665	3.842	28794105	14086555	320.028	337.460
11)	L3 AR-1232-1	4.665	3.842	28794105	14086555	371.775	384.999
12)	L3 AR-1232-2	5.197	4.570	42646619	33915415	1119.816	1033.782
13)	L3 AR-1232-3	5.490	4.745	77953753	18696715	1098.265	1058.061
14)	L3 AR-1232-4	5.650	4.831	34511714	19339626	991.142	1112.790
15)	L3 AR-1232-5	5.744	5.002	29439328	19637070	1075.904	1036.602
16)	L4 AR-1242-1	5.467	4.552	52951960	24075187	574.021	574.846
17)	L4 AR-1242-2	5.490	4.570	77953753	33915415	587.149	573.403
18)	L4 AR-1242-3	5.552	4.745	49066289	18696715	582.870	579.104
19)	L4 AR-1242-4	5.650	4.831	34511714	19339626	528.515	567.292
20)	L4 AR-1242-5	6.393	5.355	22553862	15644925	326.598	393.009
21)	L5 AR-1248-1	5.467	4.552	52951960	24075187	762.151	770.704
22)	L5 AR-1248-2	5.744	4.789	29439328	15806227	285.676	329.424
23)	L5 AR-1248-3	5.948	4.831	38035850	19339626	333.080	387.348
24)	L5 AR-1248-4	6.354	5.002	12090405	19637070	100.104	338.817 #
25)	L5 AR-1248-5	6.393	5.395	22553862	2193011	191.146	40.713 #
26)	L6 AR-1254-1	6.328	5.355	47342612	15644925	370.179	185.275 #
27)	L6 AR-1254-2	6.548	5.504	117.6E6	14869780	592.570	193.100 #
28)	L6 AR-1254-3	6.916	5.923	15703676	25316886	79.095	211.365 #
29)	L6 AR-1254-4	7.204	6.137	15828908	2719960	111.192	36.547 #
30)	L6 AR-1254-5	7.624	6.556	79783939	45409980	541.820	428.731
31)	L7 AR-1260-1	7.082	6.038	78801489	34888316	511.802	425.350
32)	L7 AR-1260-2	7.341	6.229	95058387	39760310	534.981	410.652
33)	L7 AR-1260-3	7.703	6.381	38167720	39236437	297.163	400.958 #
34)	L7 AR-1260-4	7.928	6.854	75503746	26525349	505.100	352.625 #
35)	L7 AR-1260-5	8.244	7.100	107.7E6	57404615	397.095	347.516
36)	L8 AR-1262-1	7.703	6.595	38167720	28705843	229.959	291.042 #
37)	L8 AR-1262-2	8.244	7.100	107.7E6	57404615	388.032	351.445
38)	L8 AR-1262-3	8.564	7.383	76588632	11953741	392.476	173.856 #
39)	L8 AR-1262-4	8.643	7.445	22301284	41796765	228.348	344.222 #
40)	L8 AR-1262-5	9.289	7.943	15122427	12601718	145.817	217.822 #
41)	L9 AR-1268-1	8.564	7.383	76588632	11953741	211.003	56.356 #

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 Operator : YP/AJ
 Sample : 01029-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

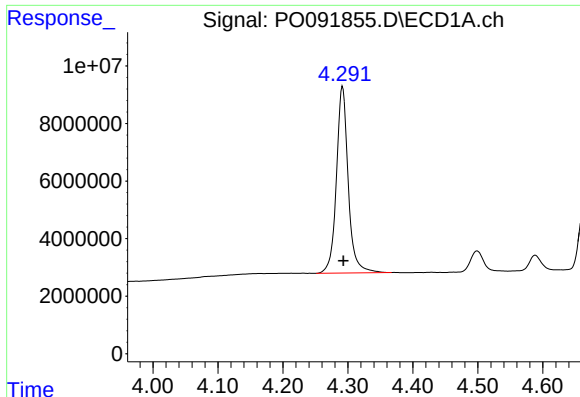
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 20:43:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010423.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.643	7.445	22301284	41796765	67.403	222.826 #
43) L9	AR-1268-3	8.816f	7.654	19991418	1174208	71.829	7.098 #
44) L9	AR-1268-4	9.289	7.943	15122427	12601718	123.518	183.624 #
45) L9	AR-1268-5	9.700	8.221	-112480	4217064	N.D.	9.058 #

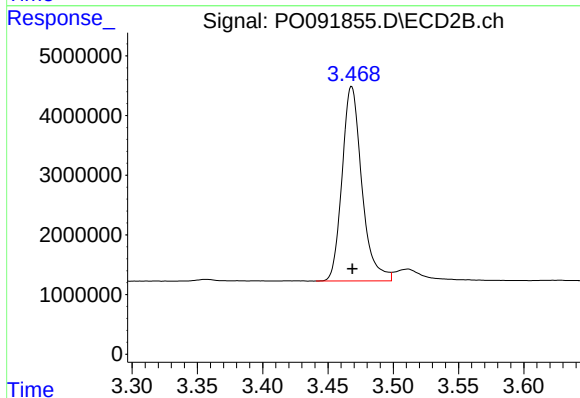
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

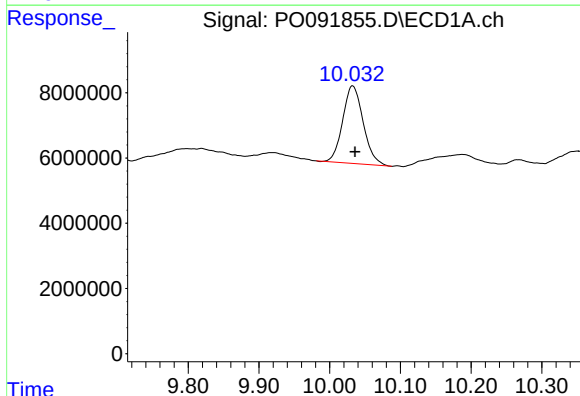
R.T.: 4.292 min
Delta R.T.: -0.001 min
Response: 81878998
Conc: 25.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



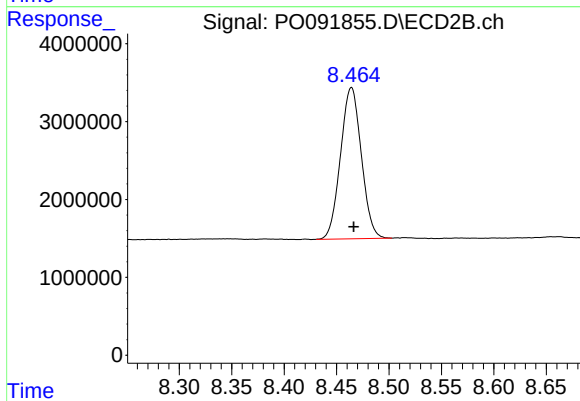
#1 Tetrachloro-m-xylene

R.T.: 3.468 min
Delta R.T.: 0.000 min
Response: 34311645
Conc: 24.85 ng/ml



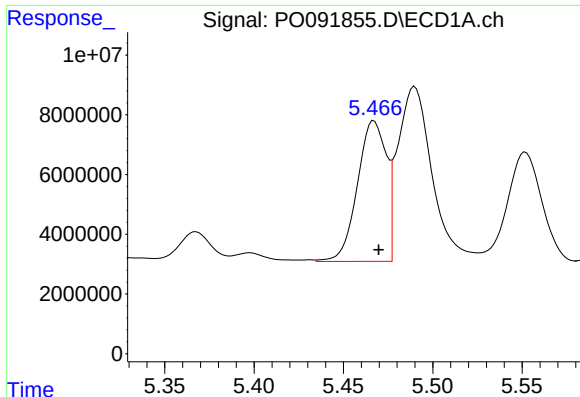
#2 Decachlorobiphenyl

R.T.: 10.032 min
Delta R.T.: -0.004 min
Response: 47970622
Conc: 20.21 ng/ml



#2 Decachlorobiphenyl

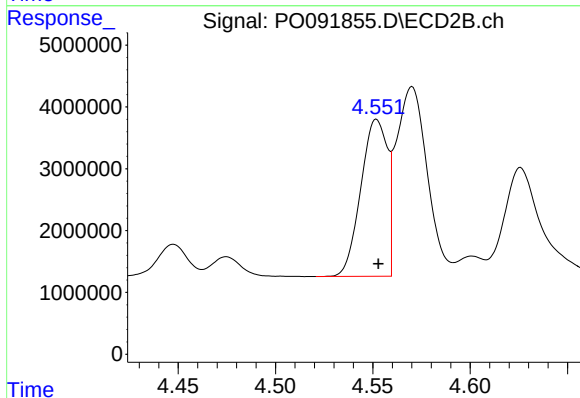
R.T.: 8.464 min
Delta R.T.: -0.002 min
Response: 26857476
Conc: 21.34 ng/ml



#3 AR-1016-1

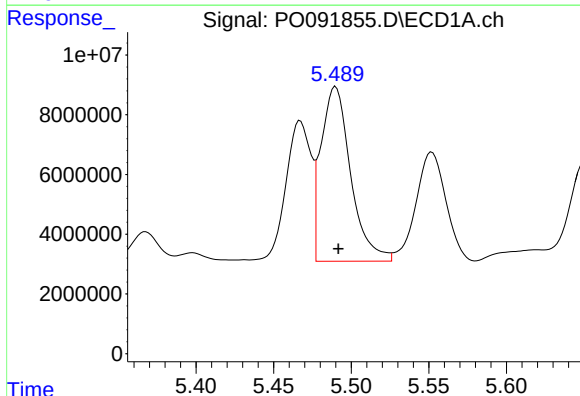
R.T.: 5.467 min
Delta R.T.: -0.003 min
Response: 52951960
Conc: 476.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



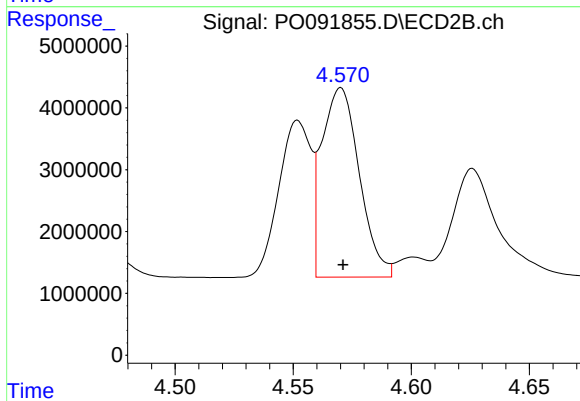
#3 AR-1016-1

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 24075187
Conc: 488.05 ng/ml



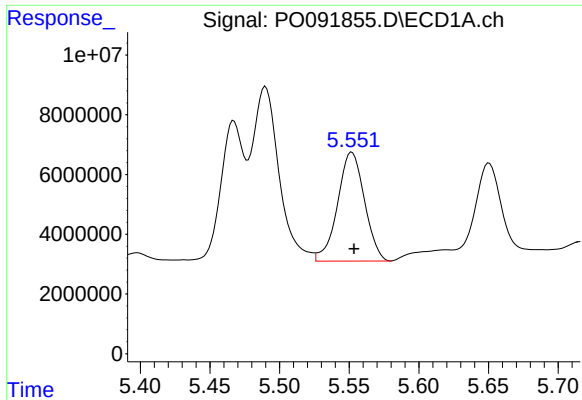
#4 AR-1016-2

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 77953753
Conc: 493.37 ng/ml



#4 AR-1016-2

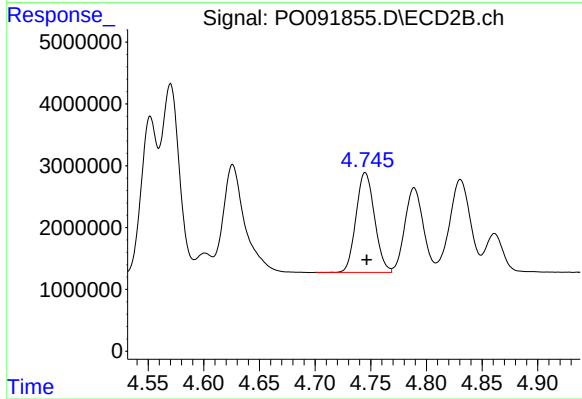
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 33915415
Conc: 482.27 ng/ml



#5 AR-1016-3

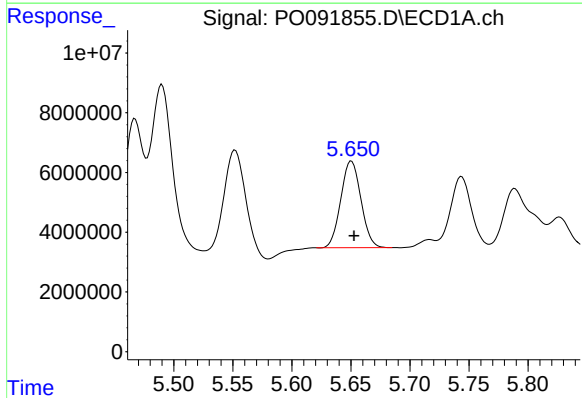
R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 49066289
Conc: 472.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



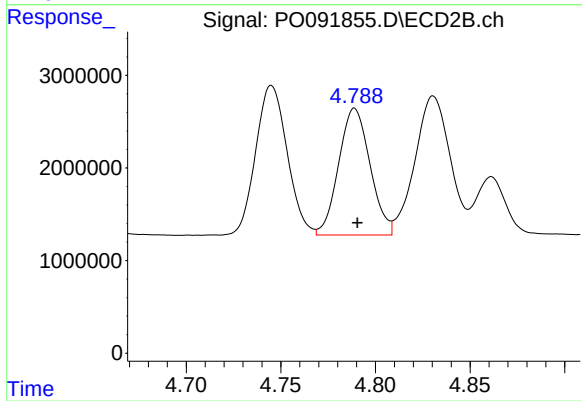
#5 AR-1016-3

R.T.: 4.745 min
Delta R.T.: -0.001 min
Response: 18696715
Conc: 479.30 ng/ml



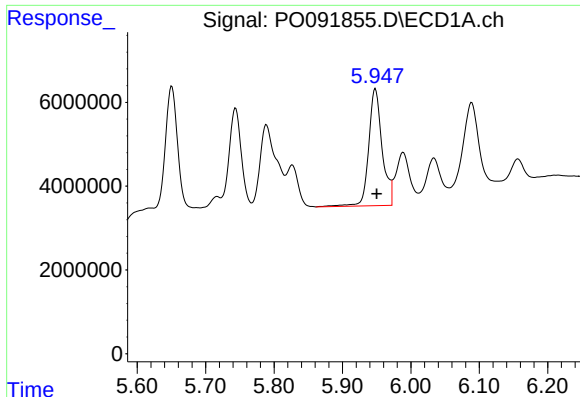
#6 AR-1016-4

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 34511714
Conc: 437.50 ng/ml



#6 AR-1016-4

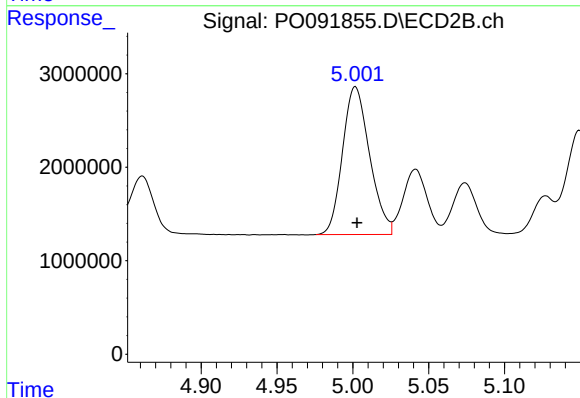
R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 15806227
Conc: 484.81 ng/ml



#7 AR-1016-5

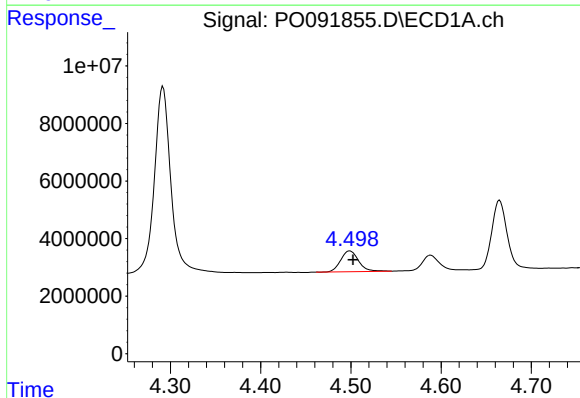
R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 38035850
Conc: 435.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



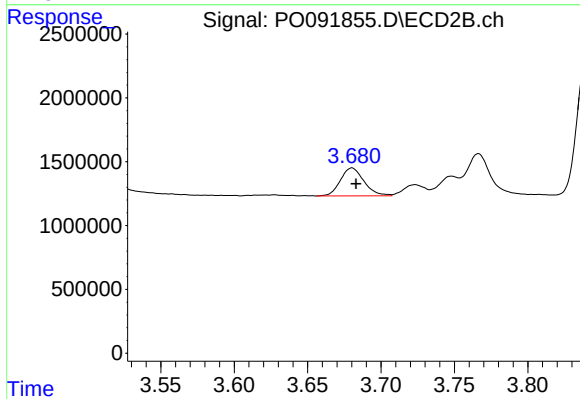
#7 AR-1016-5

R.T.: 5.002 min
Delta R.T.: -0.001 min
Response: 19637070
Conc: 474.35 ng/ml



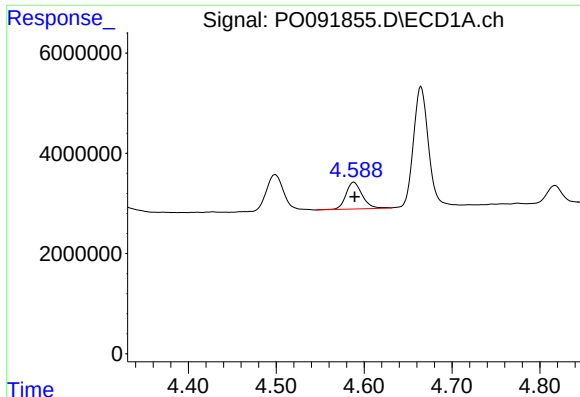
#8 AR-1221-1

R.T.: 4.499 min
Delta R.T.: -0.004 min
Response: 9881431
Conc: 243.72 ng/ml



#8 AR-1221-1

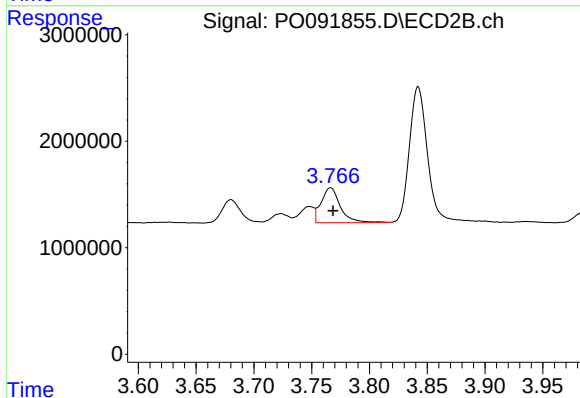
R.T.: 3.680 min
Delta R.T.: -0.003 min
Response: 2456505
Conc: 134.50 ng/ml



#9 AR-1221-2

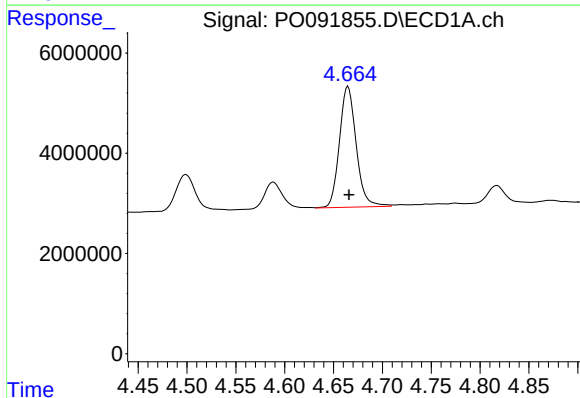
R.T.: 4.588 min
Delta R.T.: -0.001 min
Response: 6896989
Conc: 231.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



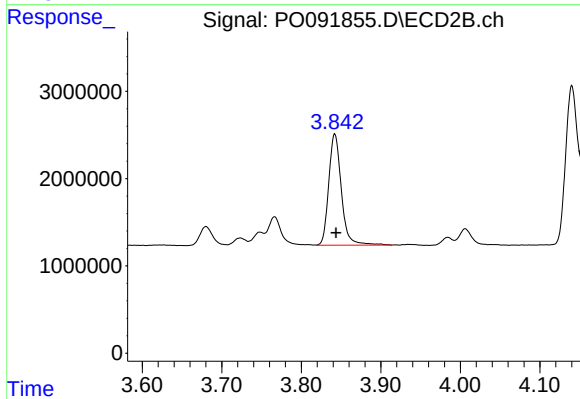
#9 AR-1221-2

R.T.: 3.766 min
Delta R.T.: -0.002 min
Response: 3828100
Conc: 276.76 ng/ml



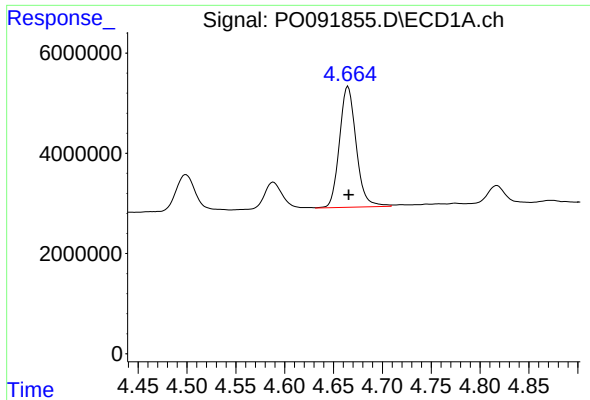
#10 AR-1221-3

R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 28794105
Conc: 320.03 ng/ml



#10 AR-1221-3

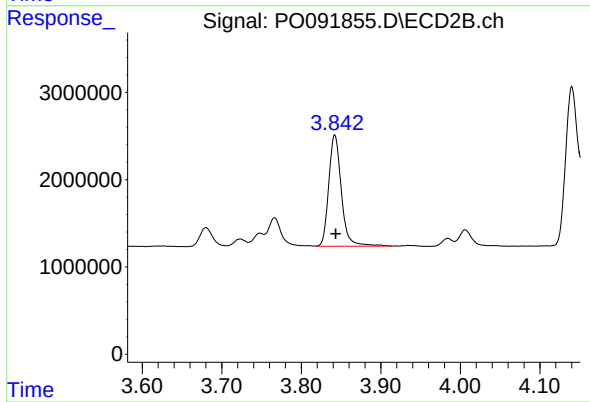
R.T.: 3.842 min
Delta R.T.: -0.002 min
Response: 14086555
Conc: 337.46 ng/ml



#11 AR-1232-1

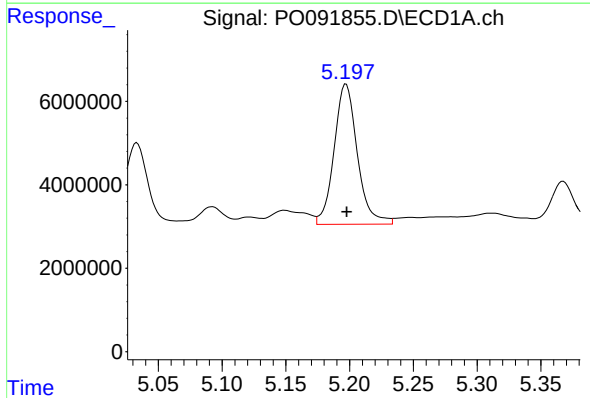
R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 28794105
Conc: 371.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



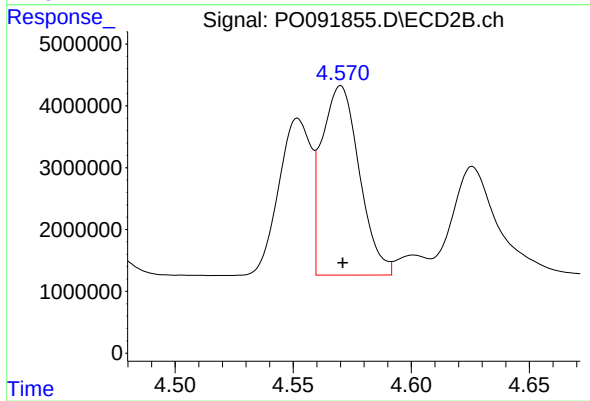
#11 AR-1232-1

R.T.: 3.842 min
Delta R.T.: -0.001 min
Response: 14086555
Conc: 385.00 ng/ml



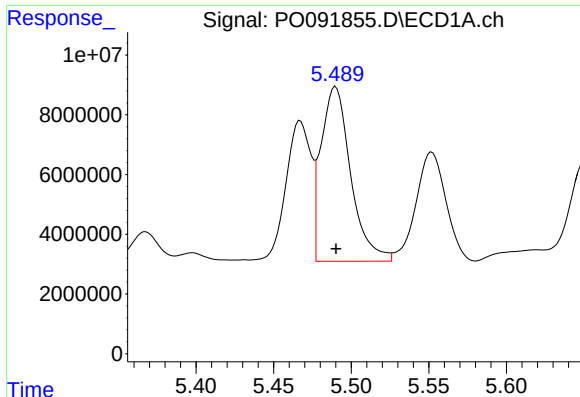
#12 AR-1232-2

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 42646619
Conc: 1119.82 ng/ml



#12 AR-1232-2

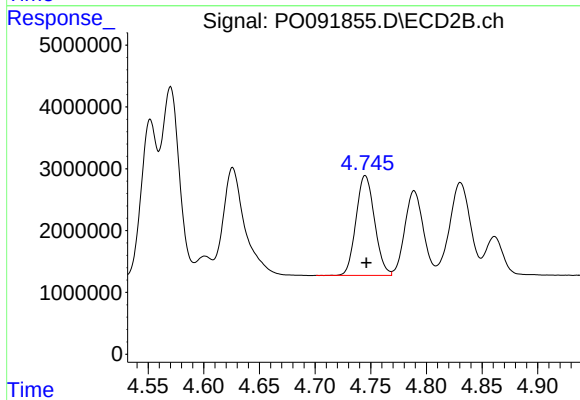
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 33915415
Conc: 1033.78 ng/ml



#13 AR-1232-3

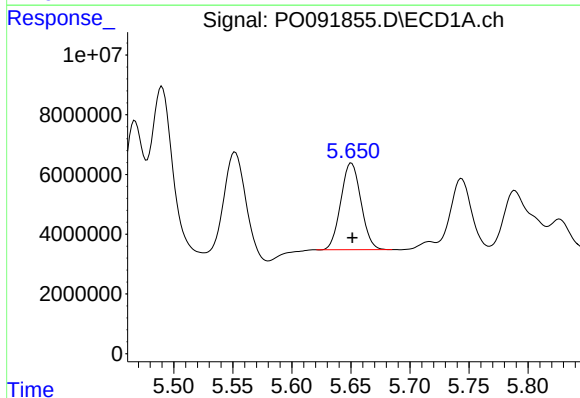
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 77953753
Conc: 1098.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



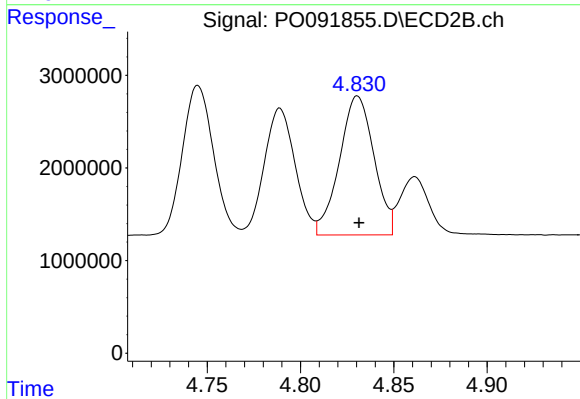
#13 AR-1232-3

R.T.: 4.745 min
Delta R.T.: -0.001 min
Response: 18696715
Conc: 1058.06 ng/ml



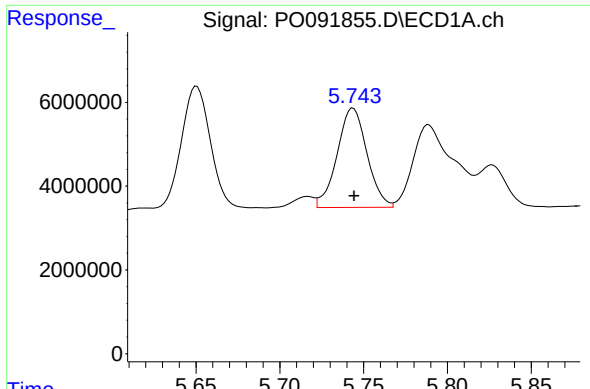
#14 AR-1232-4

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 34511714
Conc: 991.14 ng/ml



#14 AR-1232-4

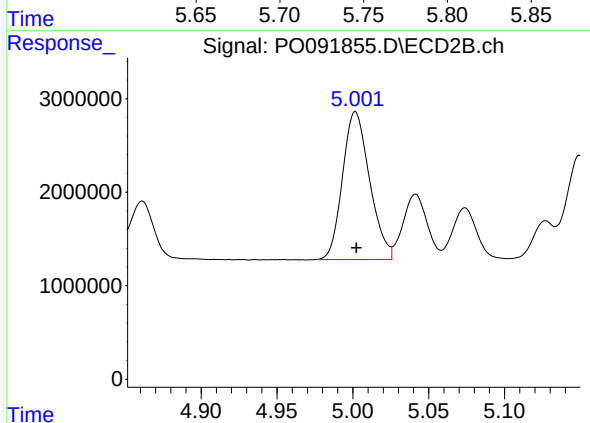
R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 19339626
Conc: 1112.79 ng/ml



#15 AR-1232-5

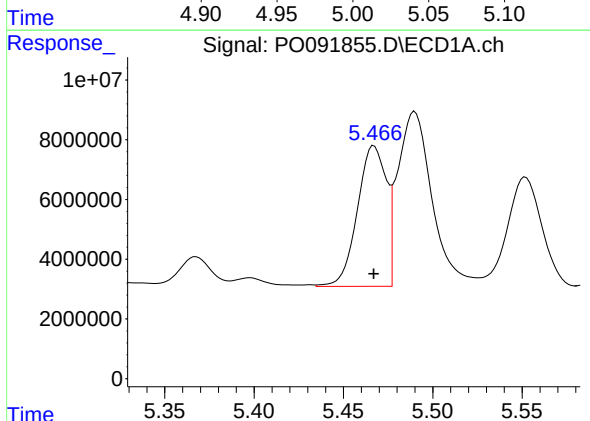
R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 29439328
Conc: 1075.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



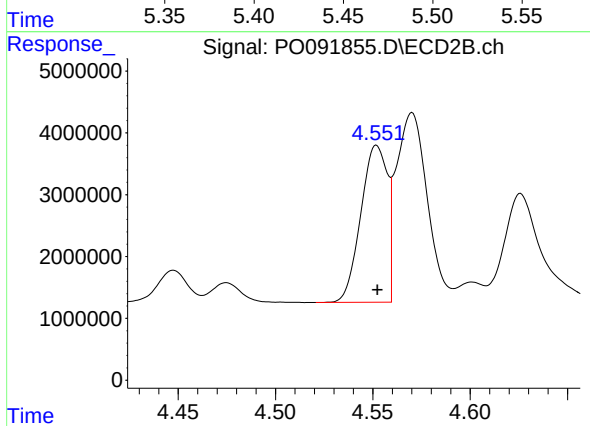
#15 AR-1232-5

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 19637070
Conc: 1036.60 ng/ml



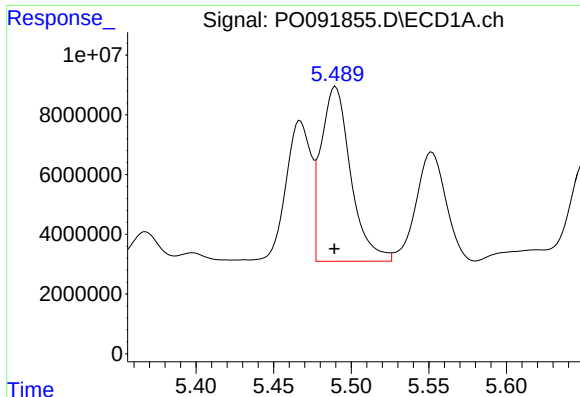
#16 AR-1242-1

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 52951960
Conc: 574.02 ng/ml



#16 AR-1242-1

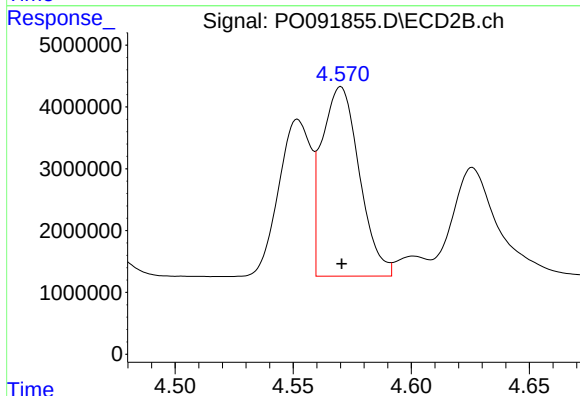
R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 24075187
Conc: 574.85 ng/ml



#17 AR-1242-2

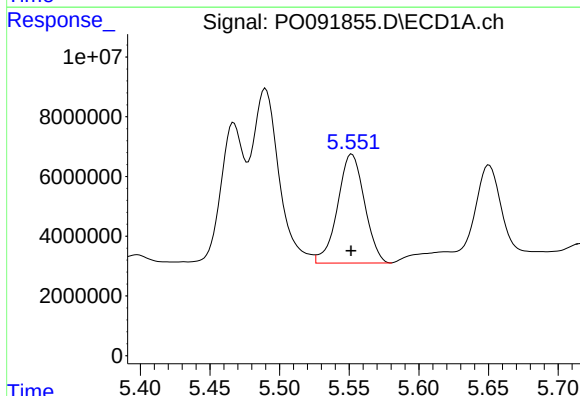
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 77953753
Conc: 587.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



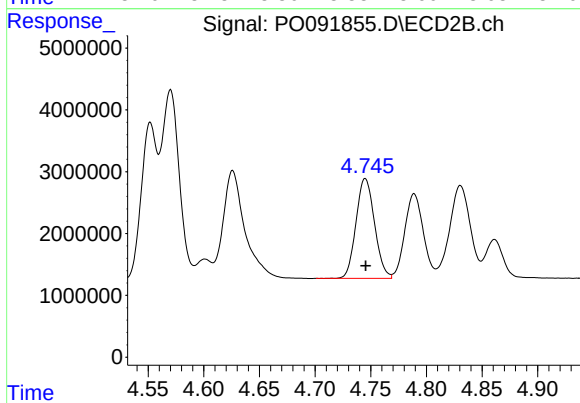
#17 AR-1242-2

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 33915415
Conc: 573.40 ng/ml



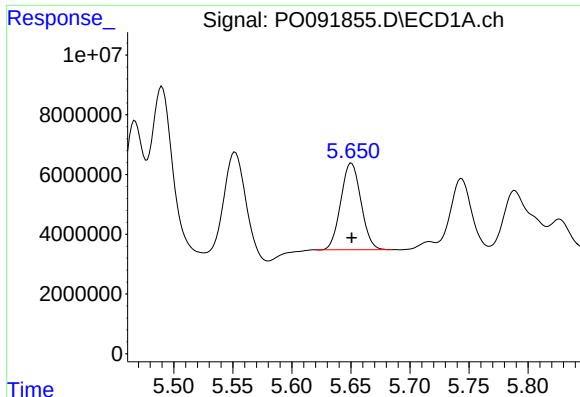
#18 AR-1242-3

R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 49066289
Conc: 582.87 ng/ml



#18 AR-1242-3

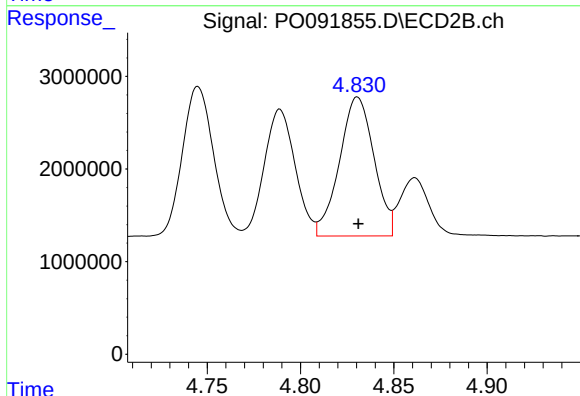
R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 18696715
Conc: 579.10 ng/ml



#19 AR-1242-4

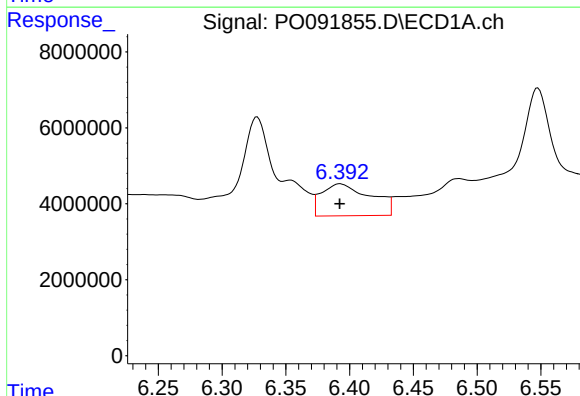
R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 34511714
Conc: 528.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



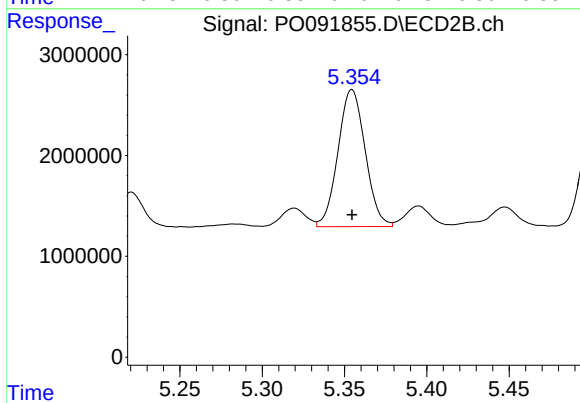
#19 AR-1242-4

R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 19339626
Conc: 567.29 ng/ml



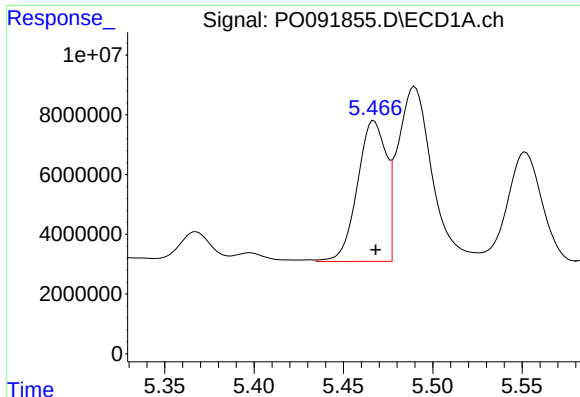
#20 AR-1242-5

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 22553862
Conc: 326.60 ng/ml



#20 AR-1242-5

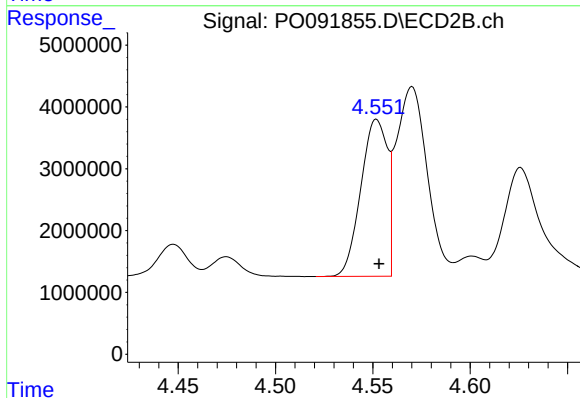
R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 15644925
Conc: 393.01 ng/ml



#21 AR-1248-1

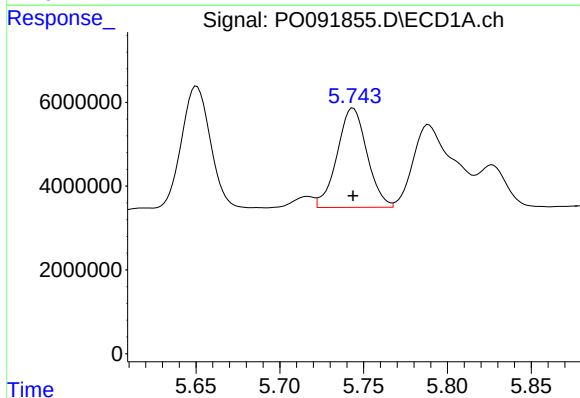
R.T.: 5.467 min
Delta R.T.: -0.001 min
Response: 52951960
Conc: 762.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



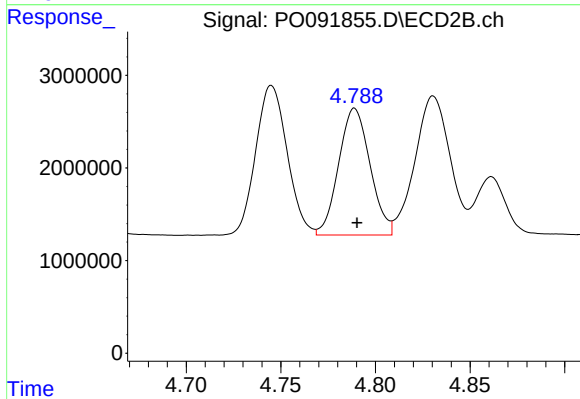
#21 AR-1248-1

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 24075187
Conc: 770.70 ng/ml



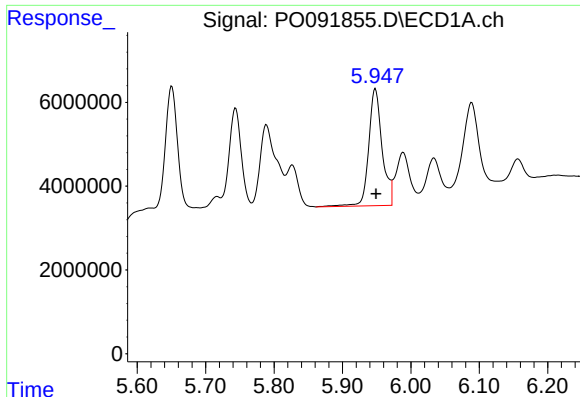
#22 AR-1248-2

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 29439328
Conc: 285.68 ng/ml



#22 AR-1248-2

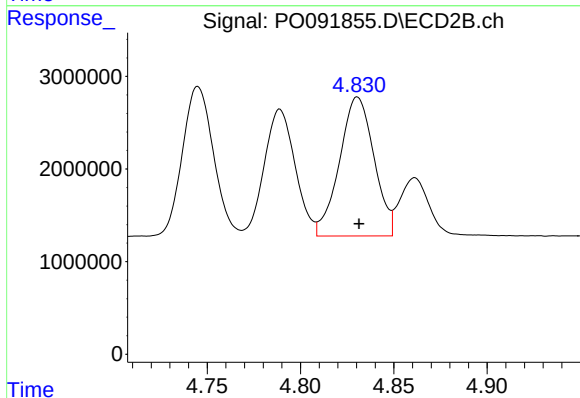
R.T.: 4.789 min
Delta R.T.: -0.001 min
Response: 15806227
Conc: 329.42 ng/ml



#23 AR-1248-3

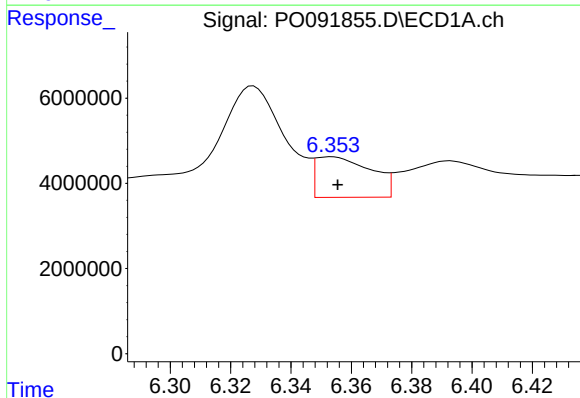
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 38035850
Conc: 333.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



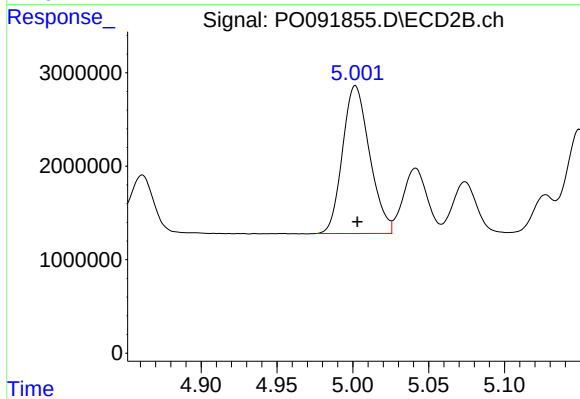
#23 AR-1248-3

R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 19339626
Conc: 387.35 ng/ml



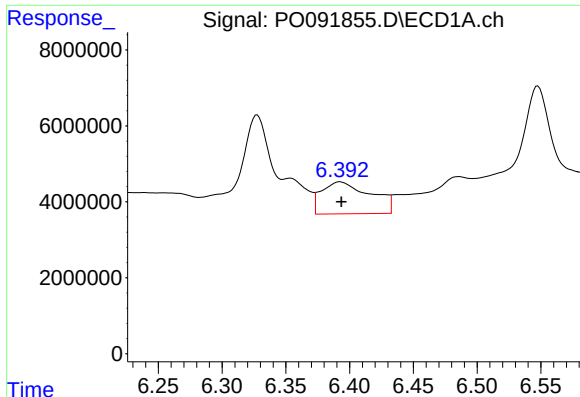
#24 AR-1248-4

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 12090405
Conc: 100.10 ng/ml



#24 AR-1248-4

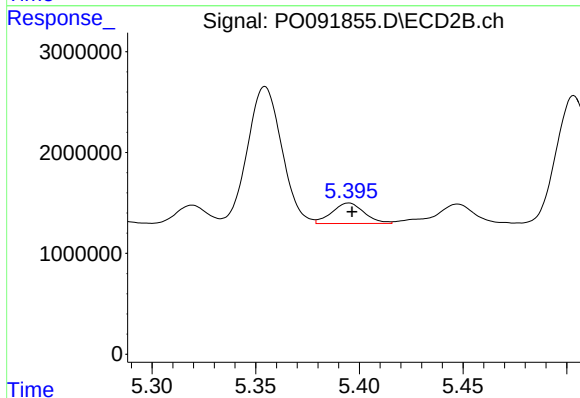
R.T.: 5.002 min
Delta R.T.: -0.001 min
Response: 19637070
Conc: 338.82 ng/ml



#25 AR-1248-5

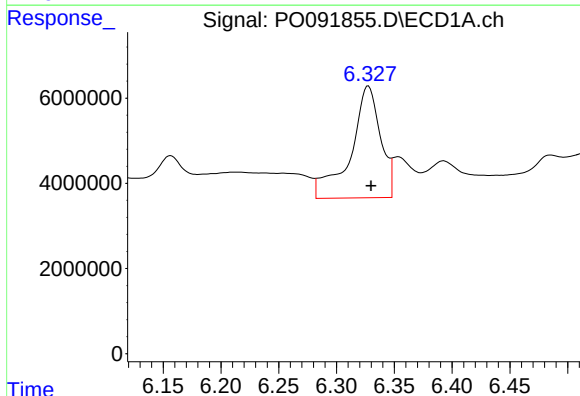
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 22553862
Conc: 191.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



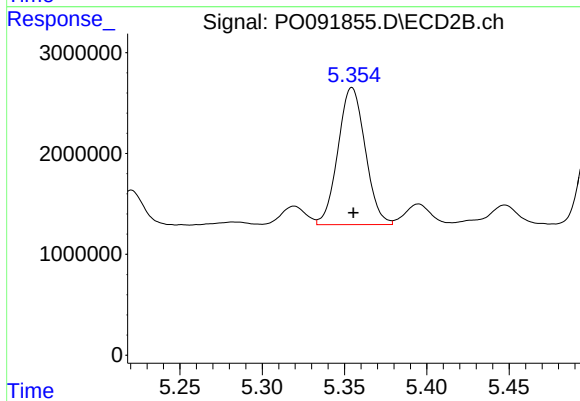
#25 AR-1248-5

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 2193011
Conc: 40.71 ng/ml



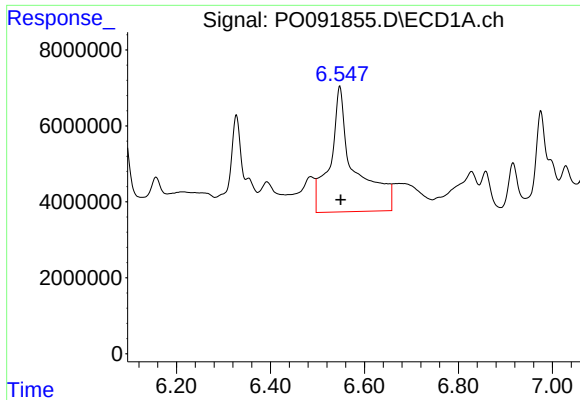
#26 AR-1254-1

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 47342612
Conc: 370.18 ng/ml



#26 AR-1254-1

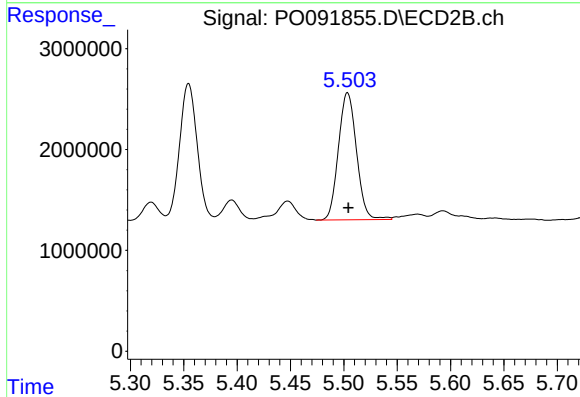
R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 15644925
Conc: 185.28 ng/ml



#27 AR-1254-2

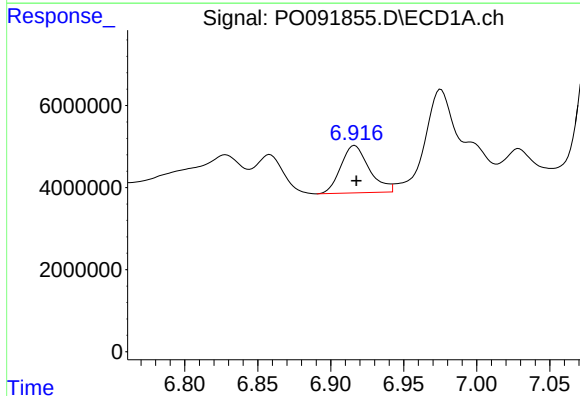
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 117609741
Conc: 592.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



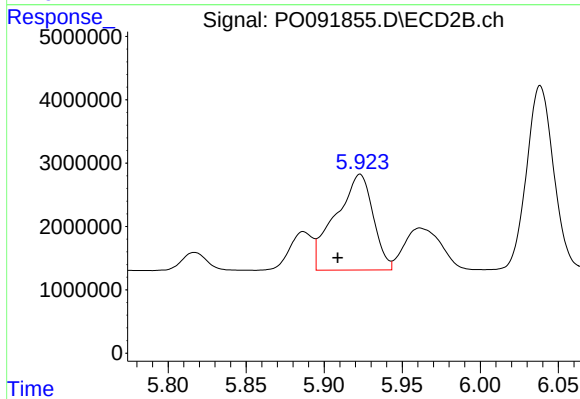
#27 AR-1254-2

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 14869780
Conc: 193.10 ng/ml



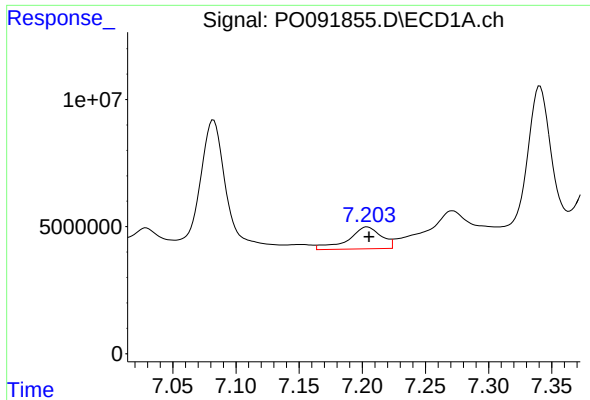
#28 AR-1254-3

R.T.: 6.916 min
Delta R.T.: -0.001 min
Response: 15703676
Conc: 79.10 ng/ml



#28 AR-1254-3

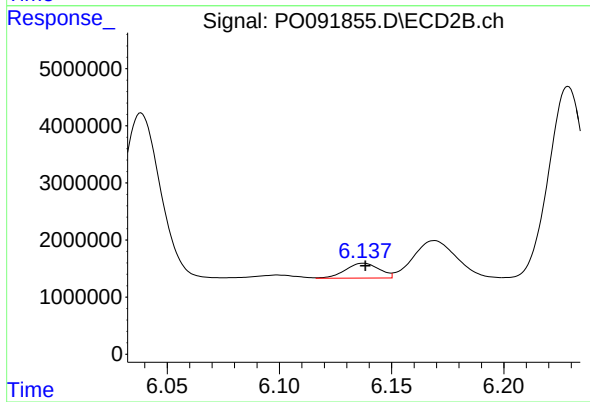
R.T.: 5.923 min
Delta R.T.: 0.014 min
Response: 25316886
Conc: 211.36 ng/ml



#29 AR-1254-4

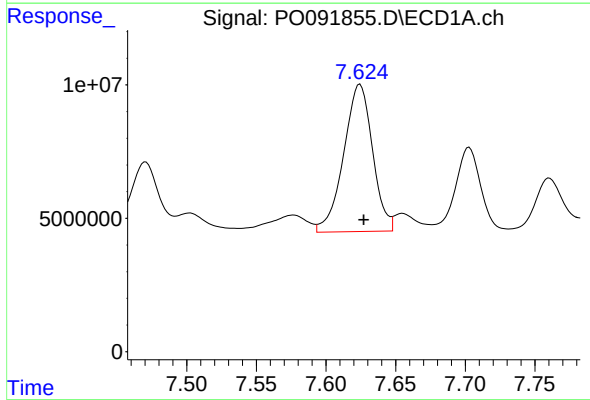
R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 15828908
Conc: 111.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



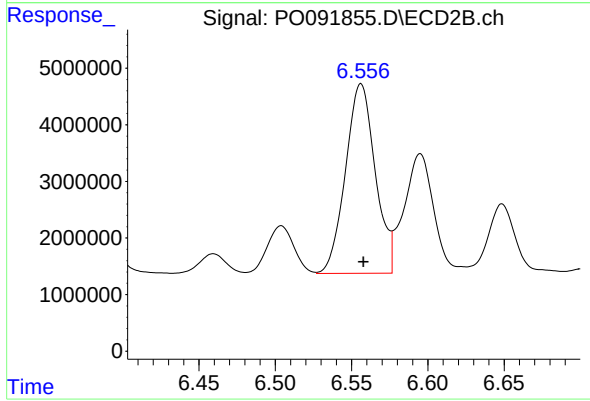
#29 AR-1254-4

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 2719960
Conc: 36.55 ng/ml



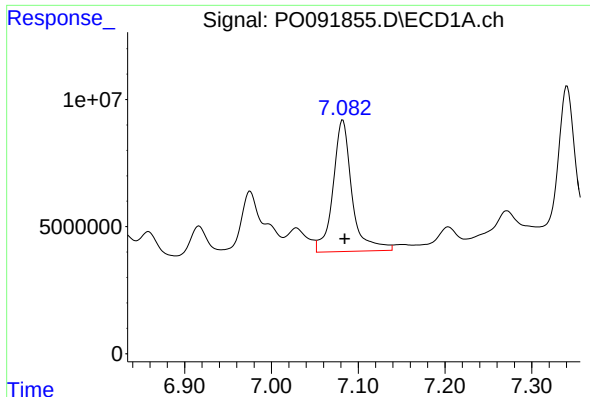
#30 AR-1254-5

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 79783939
Conc: 541.82 ng/ml



#30 AR-1254-5

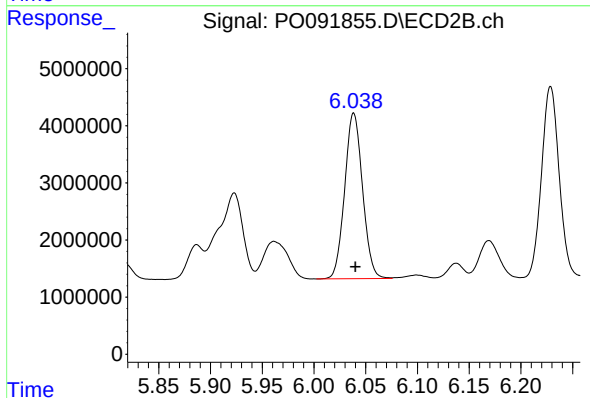
R.T.: 6.556 min
Delta R.T.: -0.002 min
Response: 45409980
Conc: 428.73 ng/ml



#31 AR-1260-1

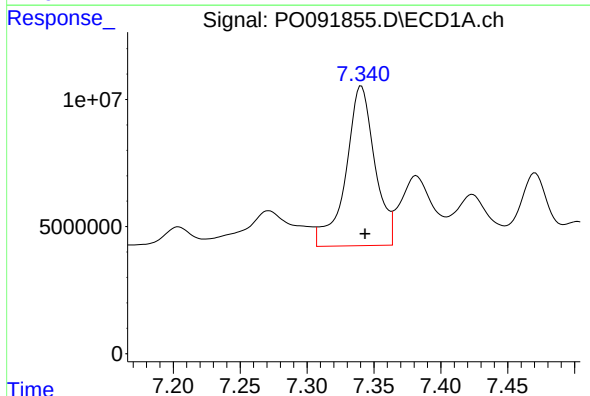
R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 78801489
Conc: 511.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



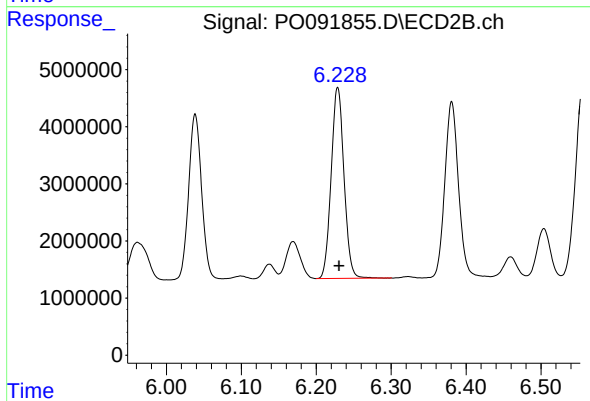
#31 AR-1260-1

R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 34888316
Conc: 425.35 ng/ml



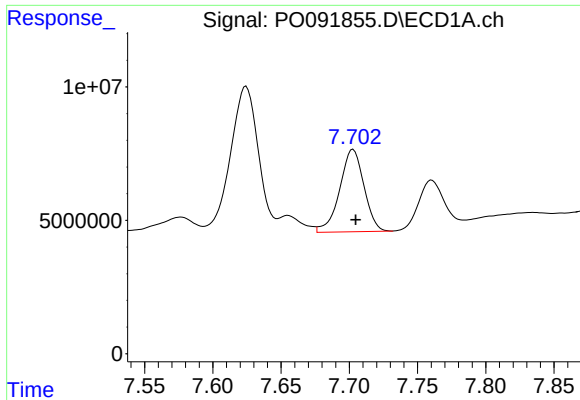
#32 AR-1260-2

R.T.: 7.341 min
Delta R.T.: -0.003 min
Response: 95058387
Conc: 534.98 ng/ml



#32 AR-1260-2

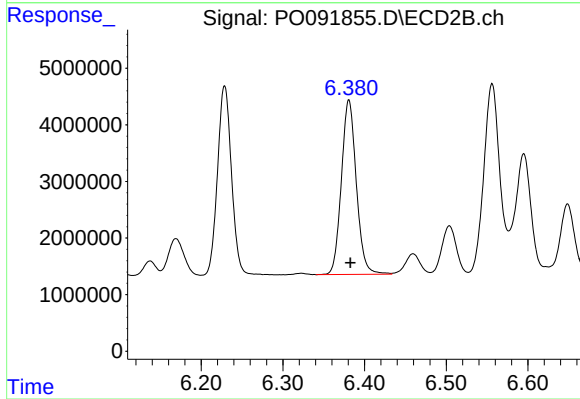
R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 39760310
Conc: 410.65 ng/ml



#33 AR-1260-3

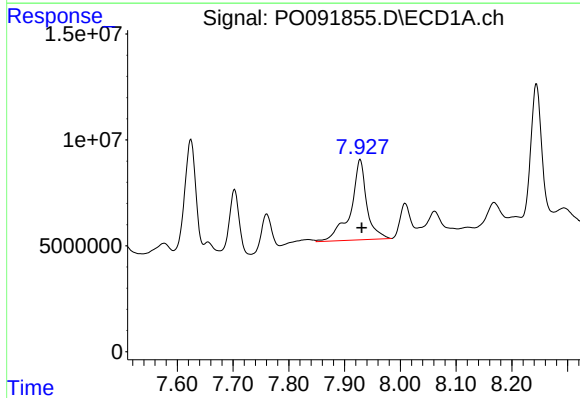
R.T.: 7.703 min
Delta R.T.: -0.002 min
Response: 38167720
Conc: 297.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



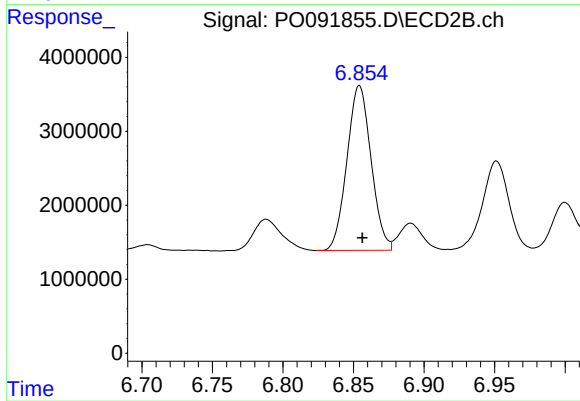
#33 AR-1260-3

R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 39236437
Conc: 400.96 ng/ml



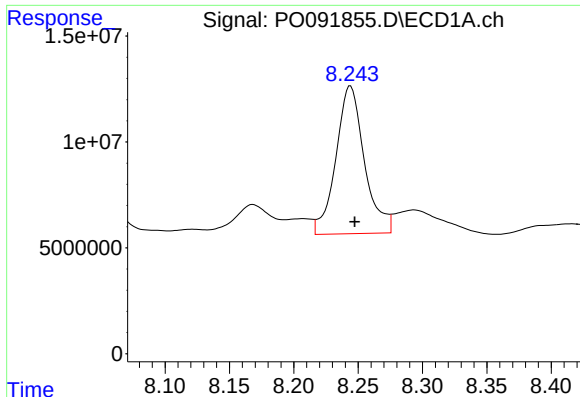
#34 AR-1260-4

R.T.: 7.928 min
Delta R.T.: -0.003 min
Response: 75503746
Conc: 505.10 ng/ml



#34 AR-1260-4

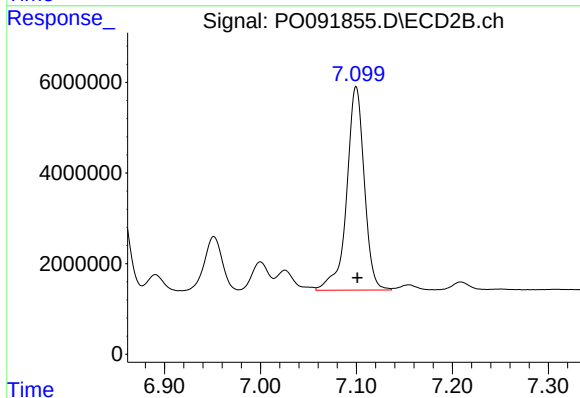
R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 26525349
Conc: 352.63 ng/ml



#35 AR-1260-5

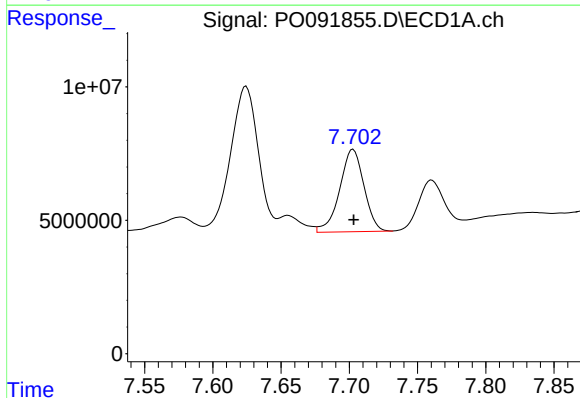
R.T.: 8.244 min
Delta R.T.: -0.003 min
Response: 107749077
Conc: 397.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



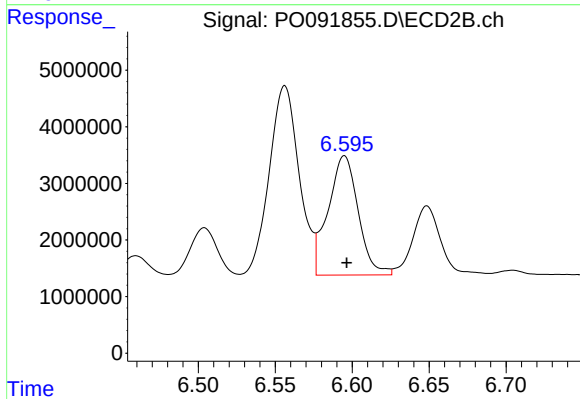
#35 AR-1260-5

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 57404615
Conc: 347.52 ng/ml



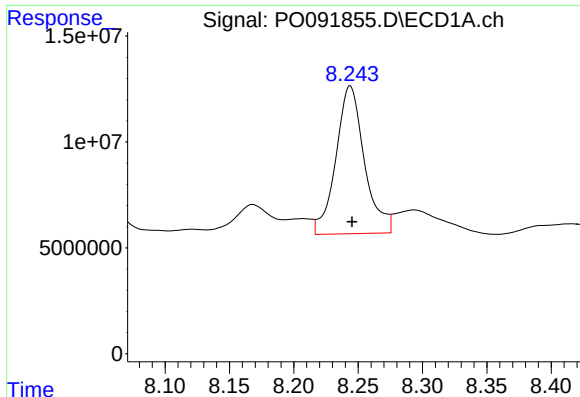
#36 AR-1262-1

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 38167720
Conc: 229.96 ng/ml



#36 AR-1262-1

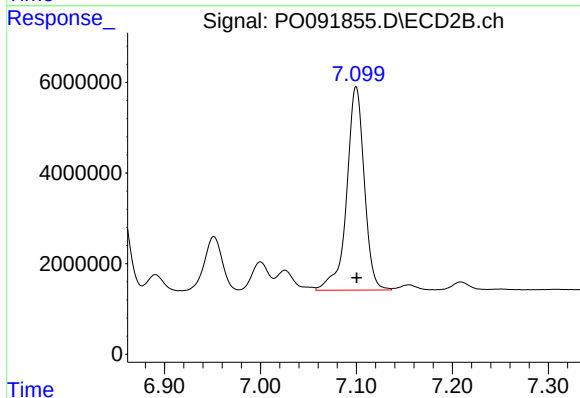
R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 28705843
Conc: 291.04 ng/ml



#37 AR-1262-2

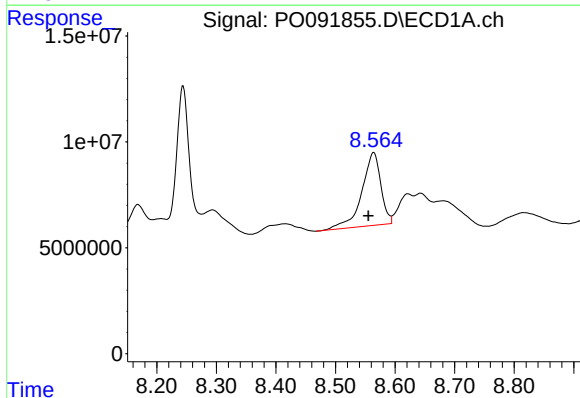
R.T.: 8.244 min
Delta R.T.: -0.001 min
Response: 107749077
Conc: 388.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



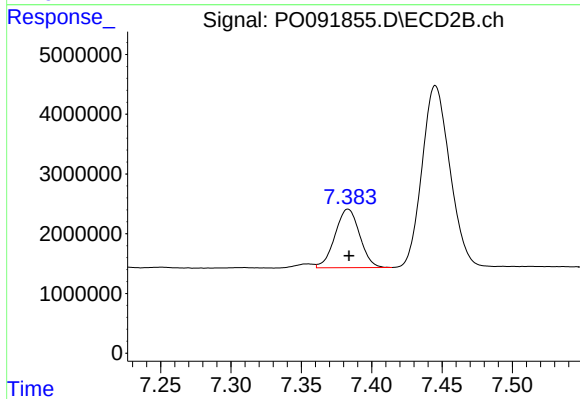
#37 AR-1262-2

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 57404615
Conc: 351.45 ng/ml



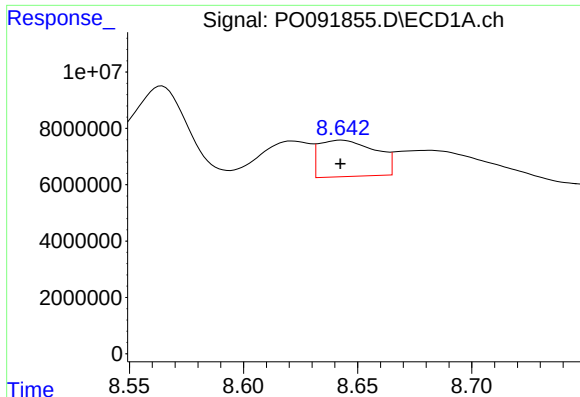
#38 AR-1262-3

R.T.: 8.564 min
Delta R.T.: 0.009 min
Response: 76588632
Conc: 392.48 ng/ml



#38 AR-1262-3

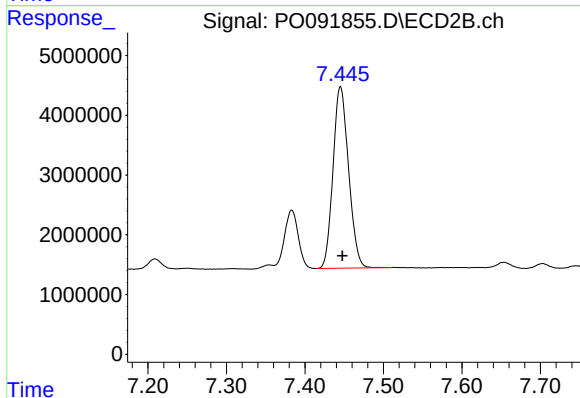
R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 11953741
Conc: 173.86 ng/ml



#39 AR-1262-4

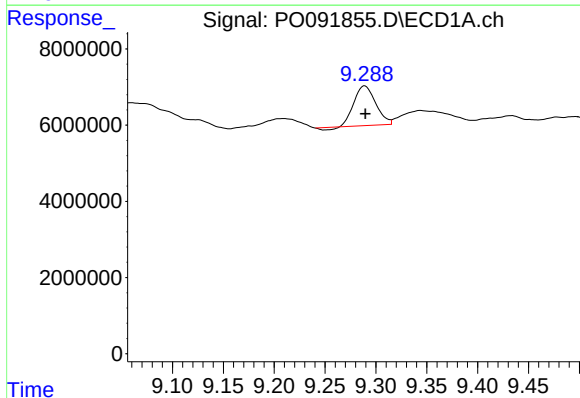
R.T.: 8.643 min
Delta R.T.: 0.000 min
Response: 22301284
Conc: 228.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



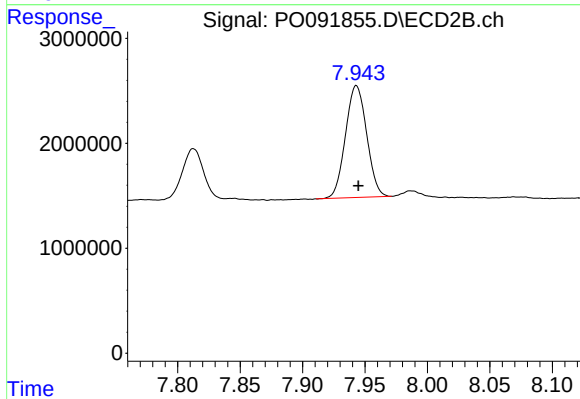
#39 AR-1262-4

R.T.: 7.445 min
Delta R.T.: -0.003 min
Response: 41796765
Conc: 344.22 ng/ml



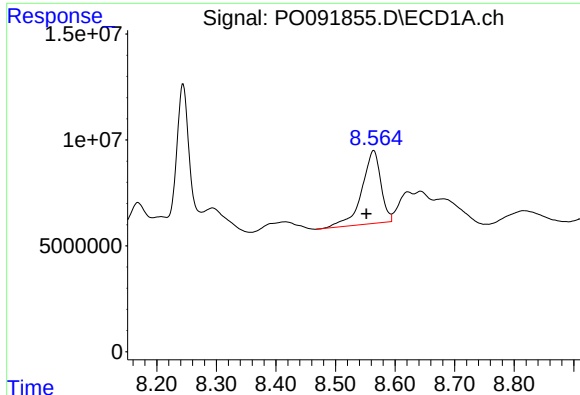
#40 AR-1262-5

R.T.: 9.289 min
Delta R.T.: 0.000 min
Response: 15122427
Conc: 145.82 ng/ml



#40 AR-1262-5

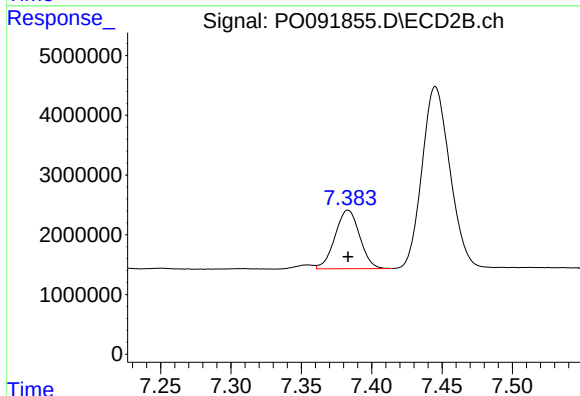
R.T.: 7.943 min
Delta R.T.: -0.002 min
Response: 12601718
Conc: 217.82 ng/ml



#41 AR-1268-1

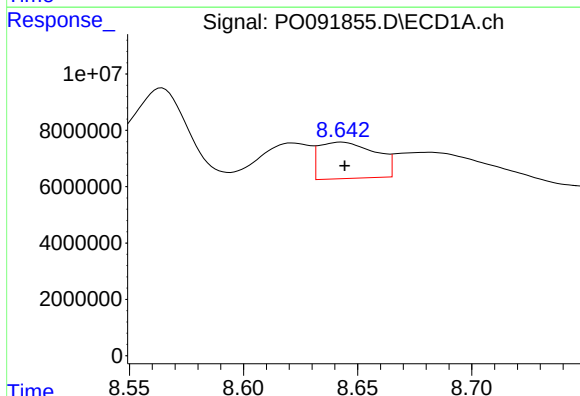
R.T.: 8.564 min
Delta R.T.: 0.012 min
Response: 76588632
Conc: 211.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



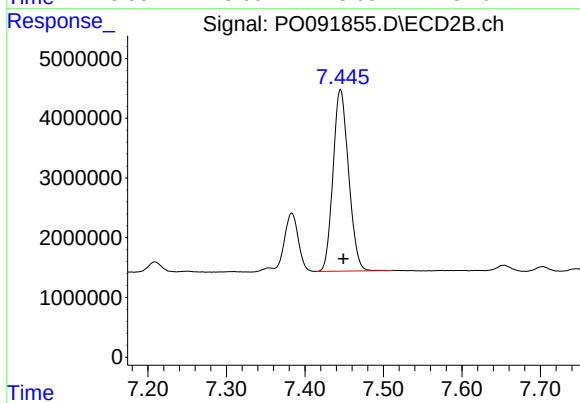
#41 AR-1268-1

R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 11953741
Conc: 56.36 ng/ml



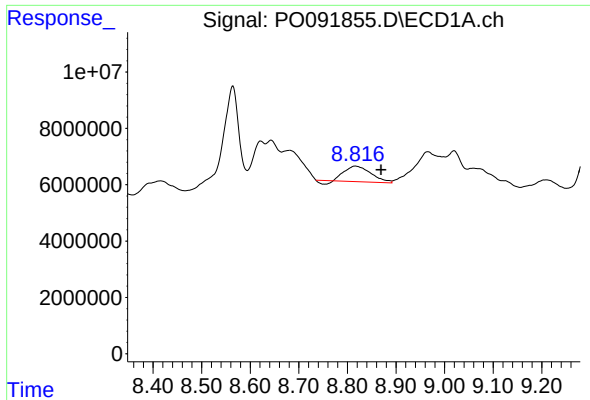
#42 AR-1268-2

R.T.: 8.643 min
Delta R.T.: -0.001 min
Response: 22301284
Conc: 67.40 ng/ml



#42 AR-1268-2

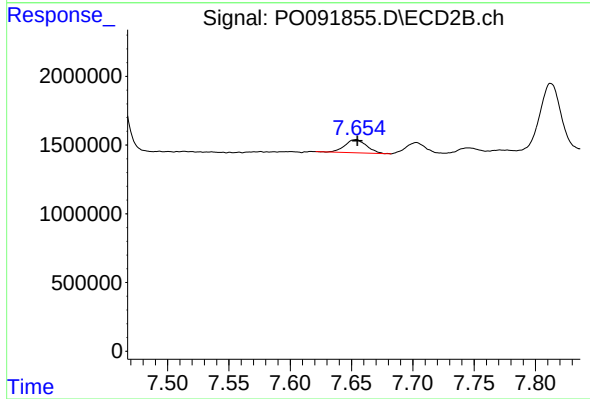
R.T.: 7.445 min
Delta R.T.: -0.004 min
Response: 41796765
Conc: 222.83 ng/ml



#43 AR-1268-3

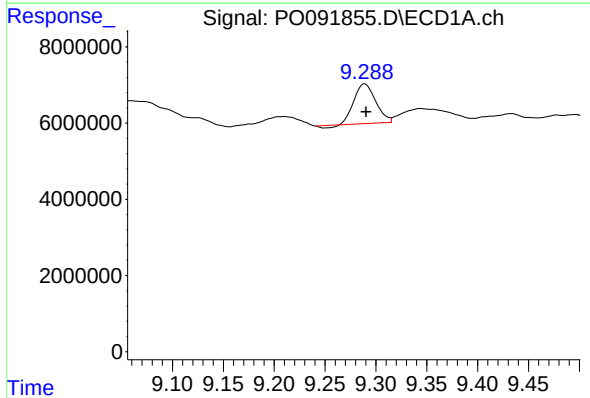
R.T.: 8.816 min
Delta R.T.: -0.053 min
Response: 19991418
Conc: 71.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



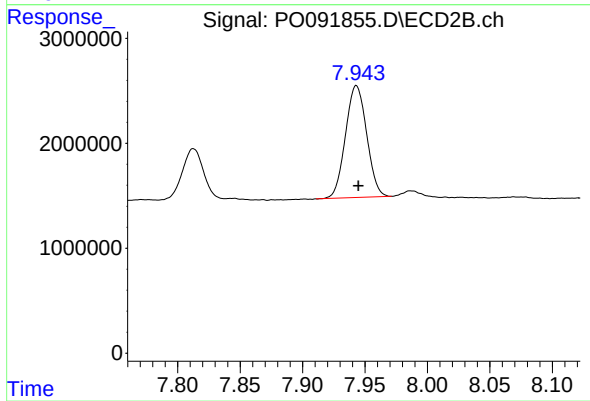
#43 AR-1268-3

R.T.: 7.654 min
Delta R.T.: -0.001 min
Response: 1174208
Conc: 7.10 ng/ml



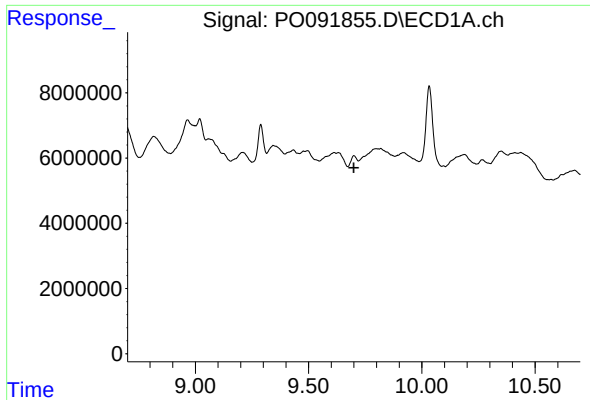
#44 AR-1268-4

R.T.: 9.289 min
Delta R.T.: -0.001 min
Response: 15122427
Conc: 123.52 ng/ml



#44 AR-1268-4

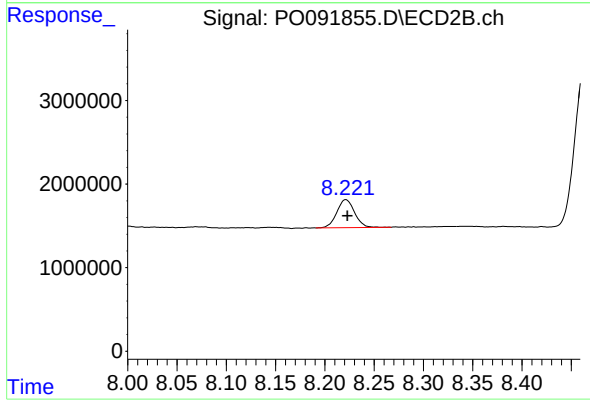
R.T.: 7.943 min
Delta R.T.: -0.002 min
Response: 12601718
Conc: 183.62 ng/ml



#45 AR-1268-5

R.T.: 9.700 min
Delta R.T.: 0.001 min
Response: -112480
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.221 min
Delta R.T.: -0.002 min
Response: 4217064
Conc: 9.06 ng/ml