

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071522\
 Data File : P0088075.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2022 10:28
 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: Jul 16 01:24:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 2022
 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...	4.445	3.601	141.7E6	48803456	55.561	51.727
2)	SA Decachlor...	10.293	8.603	118.8E6	56279882	55.931	53.855
Target Compounds							
3)	L1 AR-1016-1	5.621	4.681	48352296	18982029	551.316	527.568
4)	L1 AR-1016-2	5.645	4.700	68565073	26966413	546.494	527.772
5)	L1 AR-1016-3	5.707	4.876	42744791	14943888	551.058	538.299
6)	L1 AR-1016-4	5.806	4.918	34298549	12450333	556.138	535.229
7)	L1 AR-1016-5	6.103	5.130	34674622	15948355	558.696	538.884
8)	L2 AR-1221-1	4.647	3.812	4785688	1668228	158.162	159.462
9)	L2 AR-1221-2	4.741	3.899	6855077	2452165	309.264	309.197
10)	L2 AR-1221-3	4.817	3.974	26006062	9265343	377.375	361.647
11)	L3 AR-1232-1	4.817	3.974	26006062	9265343	500.448	478.934
12)	L3 AR-1232-2	5.157	4.700	37719123	26966413	1471.282	1367.367
13)	L3 AR-1232-3	5.645	4.876	68565073	14943888	1425.816	1467.588
14)	L3 AR-1232-4	5.806	4.960	34298549	15390620	1474.824	1584.365
15)	L3 AR-1232-5	5.898	5.130	31447983	15948355	1618.595	1466.383
16)	L4 AR-1242-1	5.621	4.681	48352296	18982029	708.259	652.456
17)	L4 AR-1242-2	5.645	4.700	68565073	26966413	707.837	665.810
18)	L4 AR-1242-3	5.707	4.876	42744791	14943888	704.513	676.334
19)	L4 AR-1242-4	5.806	4.960	34298549	15390620	712.080	658.241
20)	L4 AR-1242-5	6.548	5.483	5281706	12048038	100.292	449.539 #
21)	L5 AR-1248-1	5.621	4.681	48352296	18982029	904.993	828.683
22)	L5 AR-1248-2	5.898	4.918	31447983	12450333	404.736	369.091
23)	L5 AR-1248-3	6.103	4.960	34674622	15390620	414.225	442.853
24)	L5 AR-1248-4	6.509	5.130	5257592	15948355	57.205	380.948 #
25)	L5 AR-1248-5	6.548	5.523	5281706	1699041	58.727	47.157
26)	L6 AR-1254-1	6.484	5.483	26471577	12048038	279.197	208.968 #
27)	L6 AR-1254-2	6.702	5.630	28363589	11260099	197.575	219.601
28)	L6 AR-1254-3	7.072	6.049	15848378	20398998	108.197	251.375 #
29)	L6 AR-1254-4	7.358	6.263	10121658	2215551	93.522	44.423 #
30)	L6 AR-1254-5	7.778	6.680	88874944	40410755	738.450	535.062 #
31)	L7 AR-1260-1	7.236	6.163	63737061	28851596	547.772	532.336
32)	L7 AR-1260-2	7.494	6.352	73112339	34711365	541.118	534.578
33)	L7 AR-1260-3	7.856	6.505	51508128	32924897	562.620	529.320
34)	L7 AR-1260-4	8.083	6.978	59114065	25487329	547.236	538.842
35)	L7 AR-1260-5	8.411	7.219	112.9E6	60801242	550.372	531.398
36)	L8 AR-1262-1	7.856	6.772	51508128	14936793	374.968	492.809 #
37)	L8 AR-1262-2	8.411	7.219	112.9E6	60801242	479.900	452.510
38)	L8 AR-1262-3	8.747	7.503	74671887	12558408	450.535	230.279 #
39)	L8 AR-1262-4	8.804	7.566	43577857	45278888	522.012	447.579
40)	L8 AR-1262-5	9.506	8.062	31350600	15800929	351.778	321.719
41)	L9 AR-1268-1	8.747	7.503	74671887	12558408	264.025	79.261 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

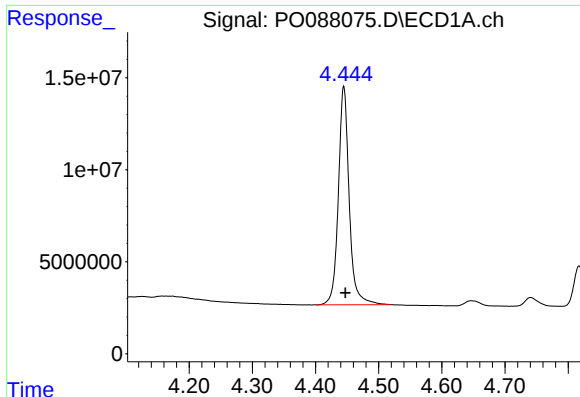
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:24:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.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	8.804	7.566	43577857	45278888	167.607	314.784 #
43) L9	AR-1268-3	9.064	7.774	2116968	1116509	9.454	8.964
44) L9	AR-1268-4	9.506	8.062	31350600	15800929	319.756	294.529
45) L9	AR-1268-5	9.937	8.351	10657861	5020319	14.670	12.984

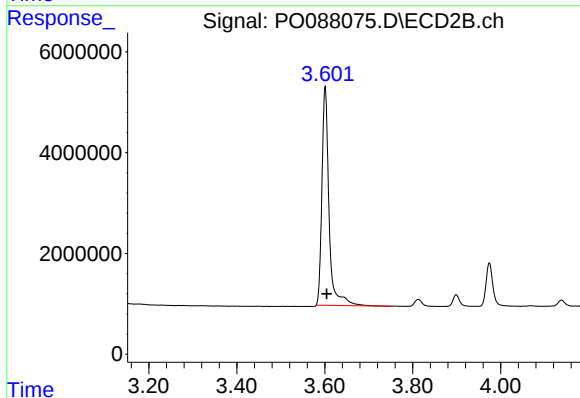
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

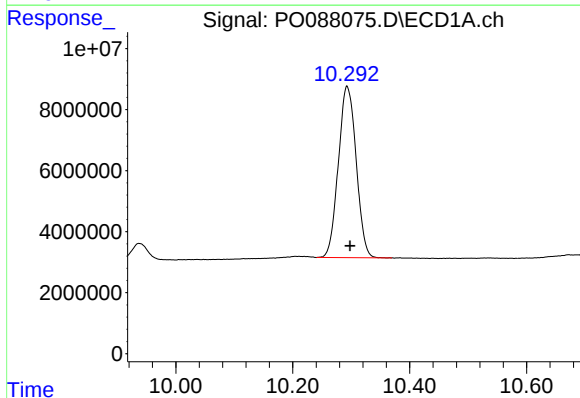
R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 141745018
Conc: 55.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



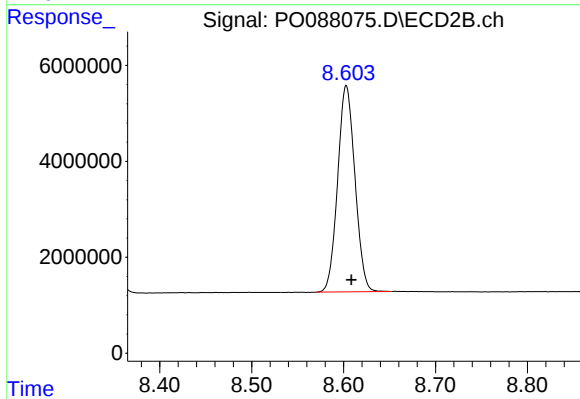
#1 Tetrachloro-m-xylene

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 48803456
Conc: 51.73 ng/ml



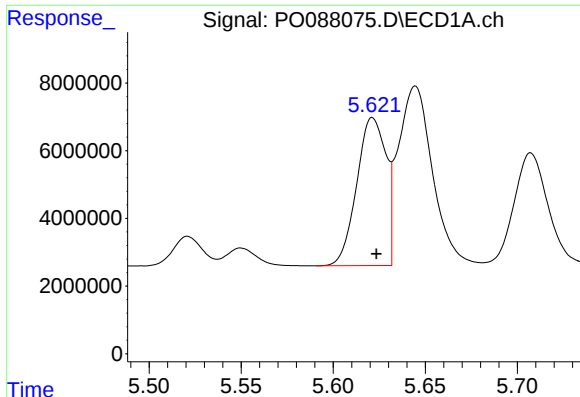
#2 Decachlorobiphenyl

R.T.: 10.293 min
Delta R.T.: -0.005 min
Response: 118782100
Conc: 55.93 ng/ml



#2 Decachlorobiphenyl

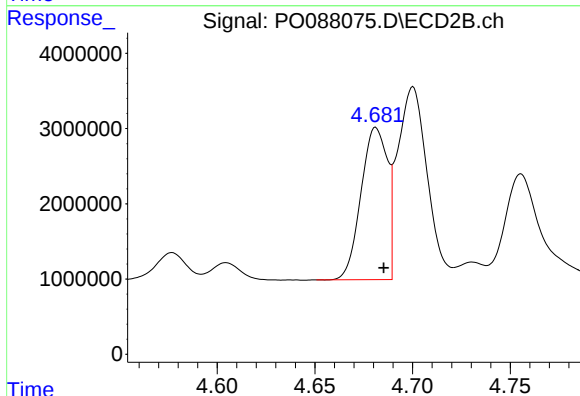
R.T.: 8.603 min
Delta R.T.: -0.006 min
Response: 56279882
Conc: 53.85 ng/ml



#3 AR-1016-1

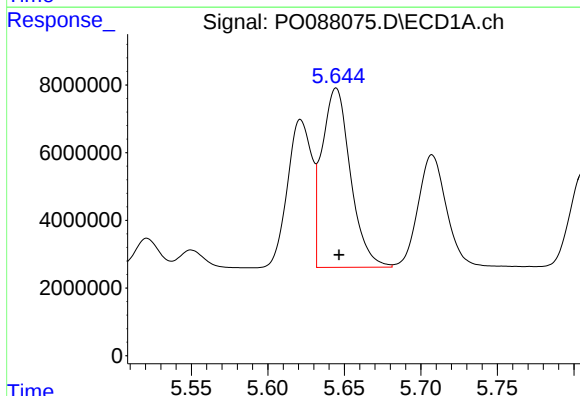
R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 48352296
Conc: 551.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



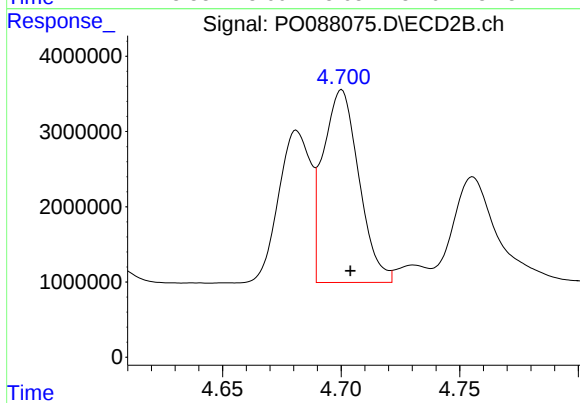
#3 AR-1016-1

R.T.: 4.681 min
Delta R.T.: -0.004 min
Response: 18982029
Conc: 527.57 ng/ml



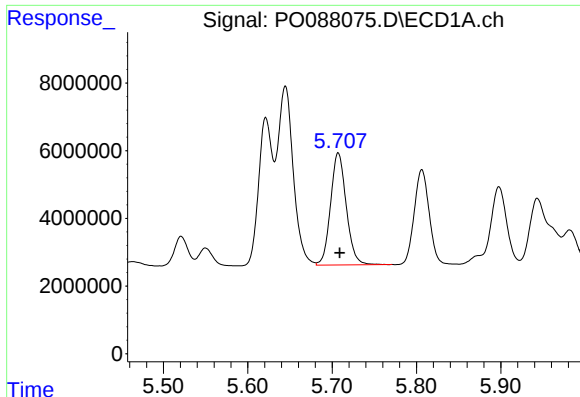
#4 AR-1016-2

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 68565073
Conc: 546.49 ng/ml



#4 AR-1016-2

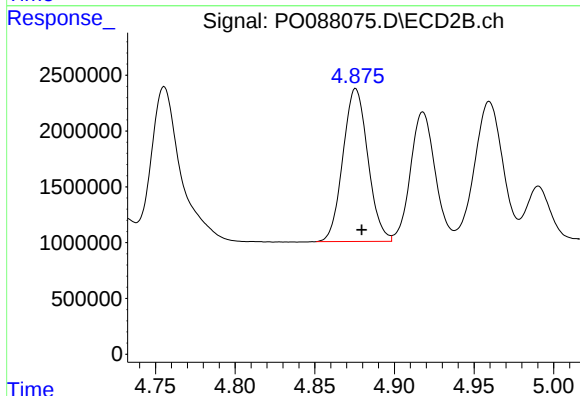
R.T.: 4.700 min
Delta R.T.: -0.004 min
Response: 26966413
Conc: 527.77 ng/ml



#5 AR-1016-3

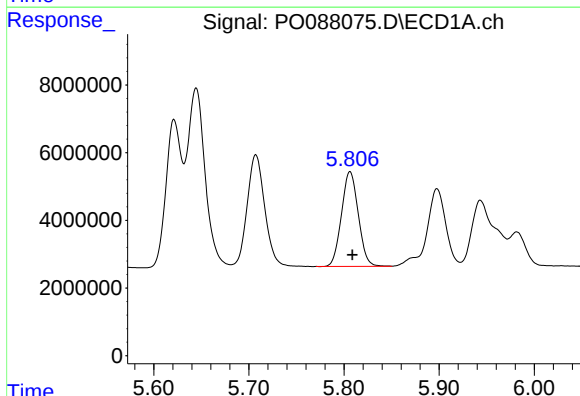
R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 42744791
Conc: 551.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



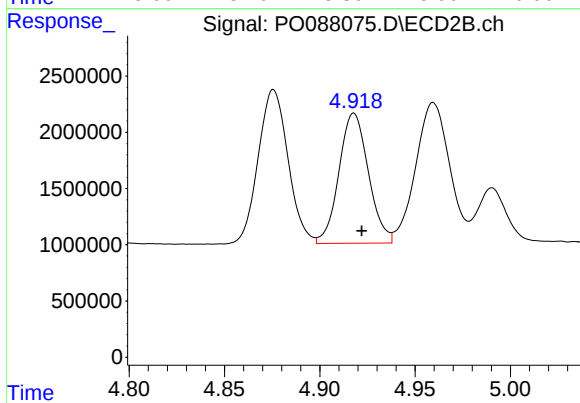
#5 AR-1016-3

R.T.: 4.876 min
Delta R.T.: -0.004 min
Response: 14943888
Conc: 538.30 ng/ml



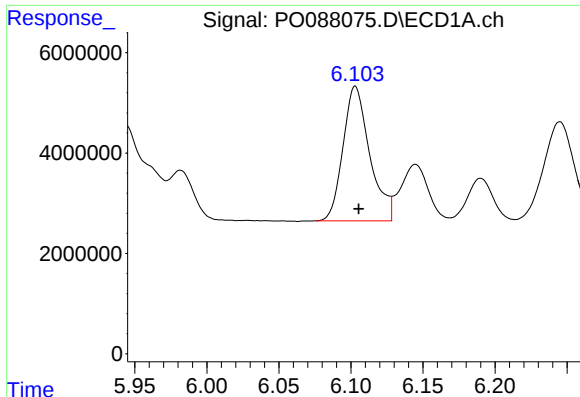
#6 AR-1016-4

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 34298549
Conc: 556.14 ng/ml



#6 AR-1016-4

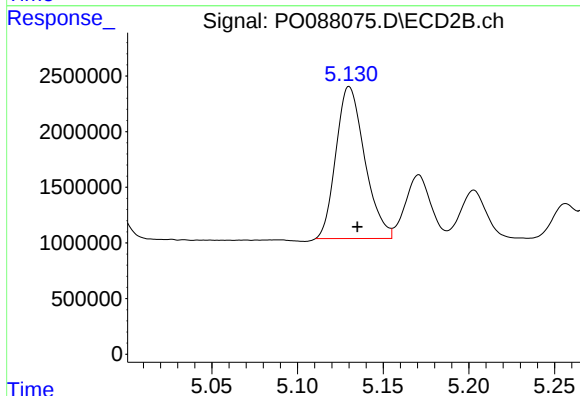
R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 12450333
Conc: 535.23 ng/ml



#7 AR-1016-5

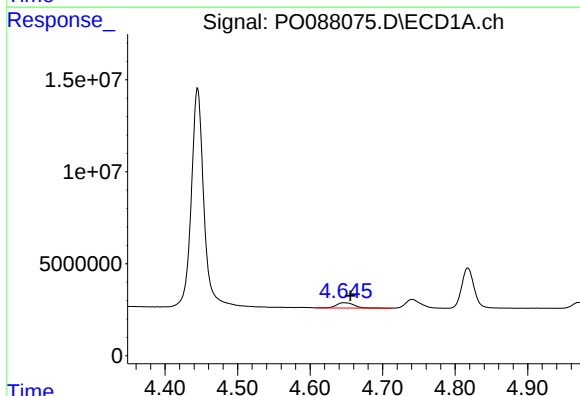
R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 34674622
Conc: 558.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



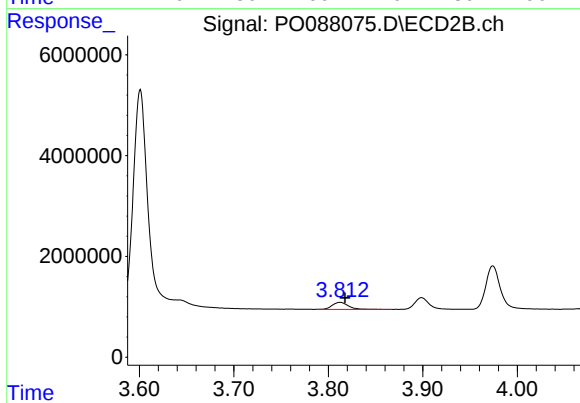
#7 AR-1016-5

R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 15948355
Conc: 538.88 ng/ml



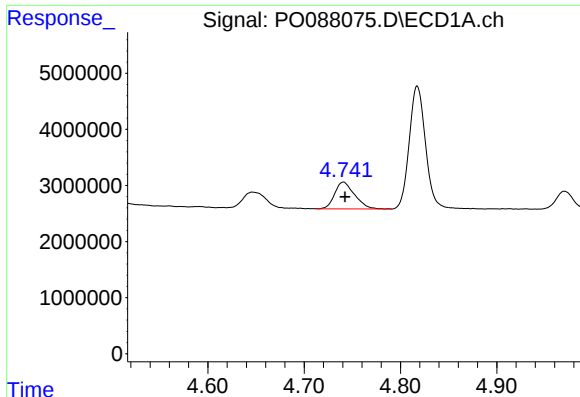
#8 AR-1221-1

R.T.: 4.647 min
Delta R.T.: -0.009 min
Response: 4785688
Conc: 158.16 ng/ml



#8 AR-1221-1

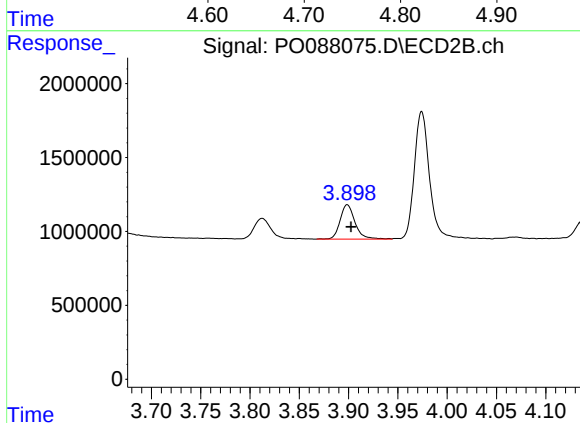
R.T.: 3.812 min
Delta R.T.: -0.006 min
Response: 1668228
Conc: 159.46 ng/ml



#9 AR-1221-2

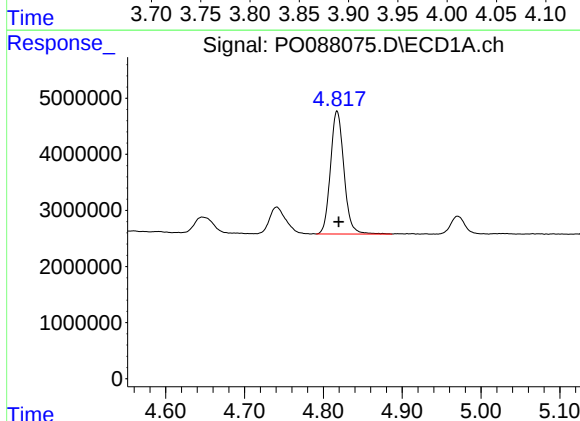
R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 6855077
Conc: 309.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



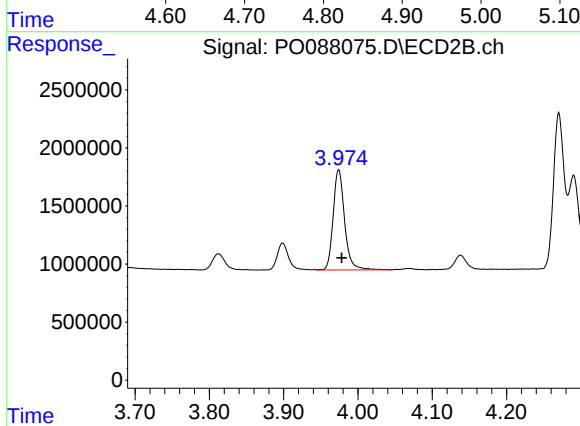
#9 AR-1221-2

R.T.: 3.899 min
Delta R.T.: -0.004 min
Response: 2452165
Conc: 309.20 ng/ml



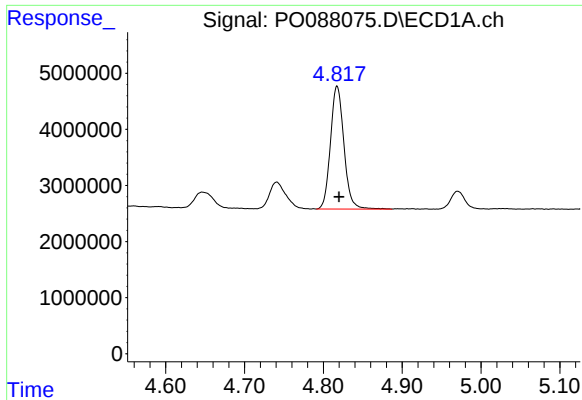
#10 AR-1221-3

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 26006062
Conc: 377.37 ng/ml



#10 AR-1221-3

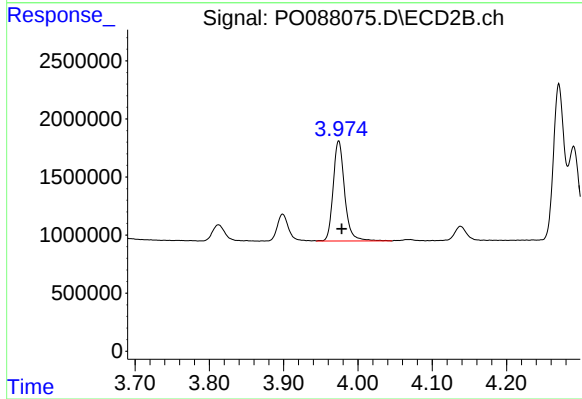
R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 9265343
Conc: 361.65 ng/ml



#11 AR-1232-1

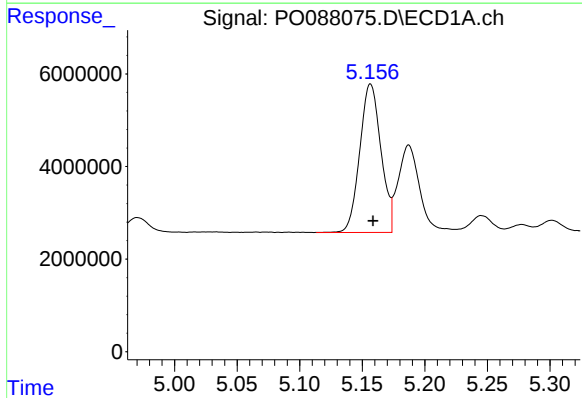
R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 26006062
Conc: 500.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



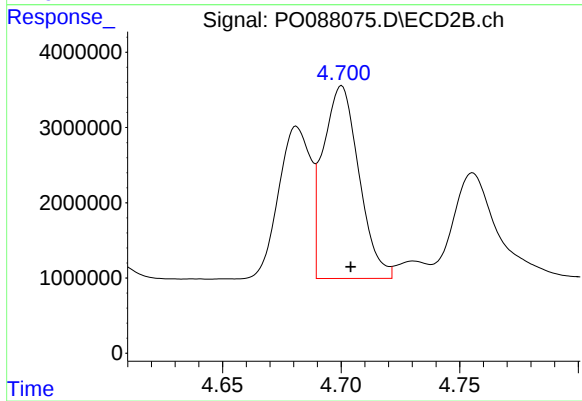
#11 AR-1232-1

R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 9265343
Conc: 478.93 ng/ml



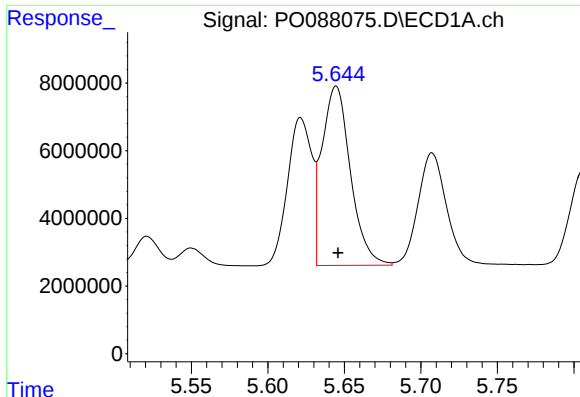
#12 AR-1232-2

R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 37719123
Conc: 1471.28 ng/ml



#12 AR-1232-2

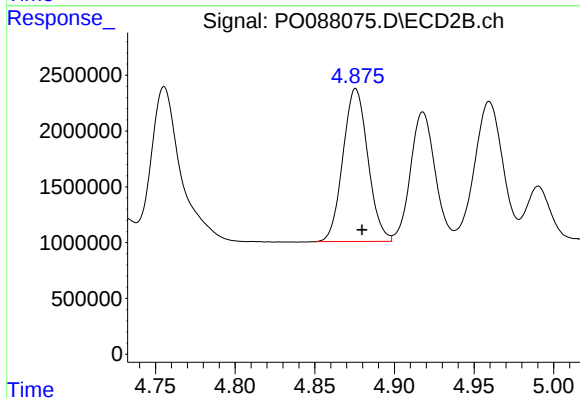
R.T.: 4.700 min
Delta R.T.: -0.004 min
Response: 26966413
Conc: 1367.37 ng/ml



#13 AR-1232-3

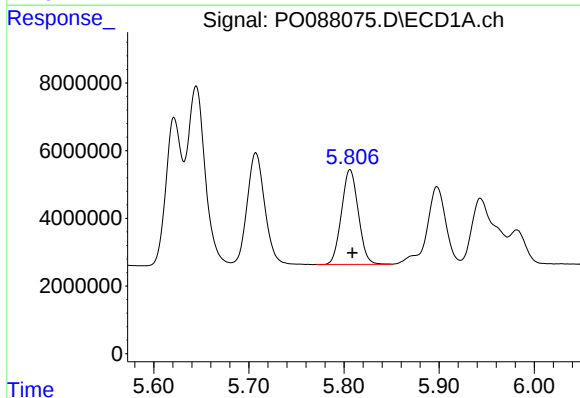
R.T.: 5.645 min
Delta R.T.: -0.001 min
Response: 68565073
Conc: 1425.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



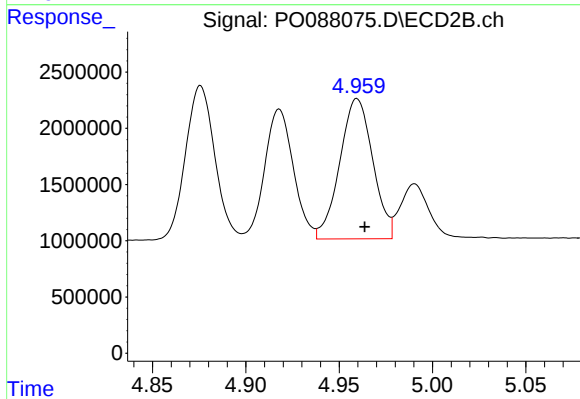
#13 AR-1232-3

R.T.: 4.876 min
Delta R.T.: -0.004 min
Response: 14943888
Conc: 1467.59 ng/ml



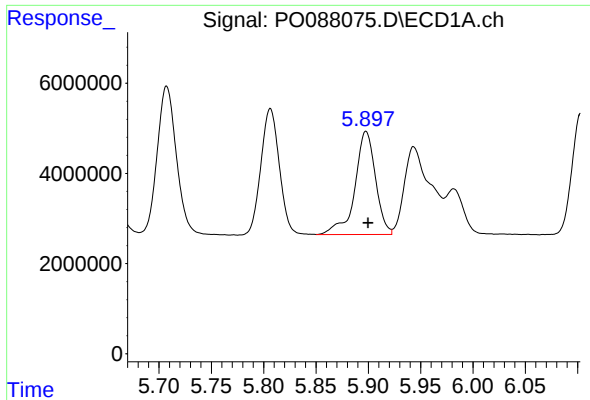
#14 AR-1232-4

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 34298549
Conc: 1474.82 ng/ml



#14 AR-1232-4

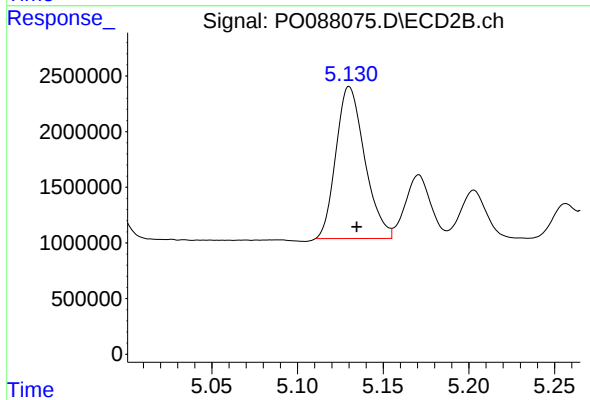
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 15390620
Conc: 1584.37 ng/ml



#15 AR-1232-5

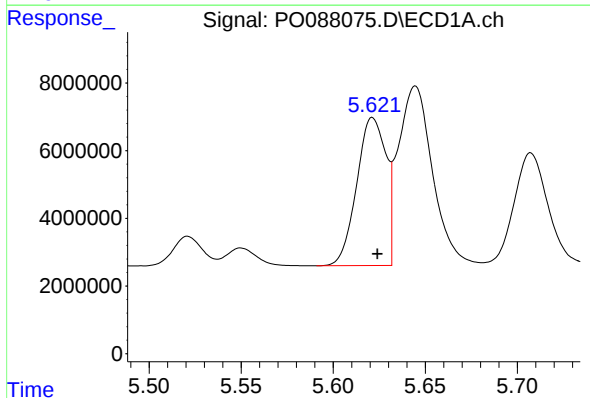
R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 31447983
Conc: 1618.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



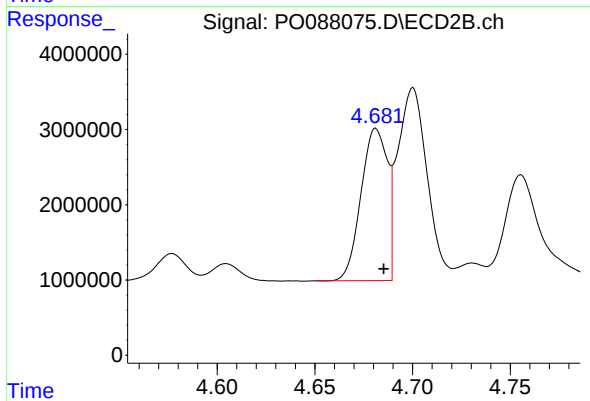
#15 AR-1232-5

R.T.: 5.130 min
Delta R.T.: -0.004 min
Response: 15948355
Conc: 1466.38 ng/ml



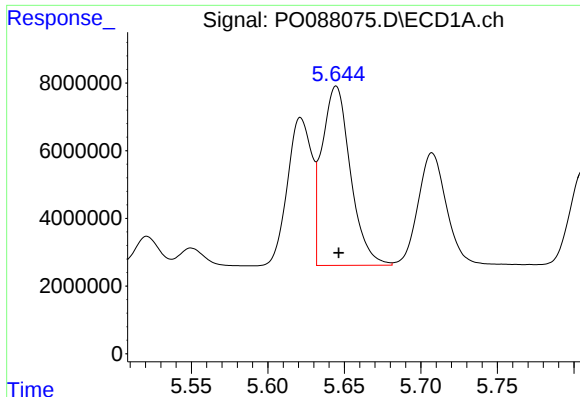
#16 AR-1242-1

R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 48352296
Conc: 708.26 ng/ml



#16 AR-1242-1

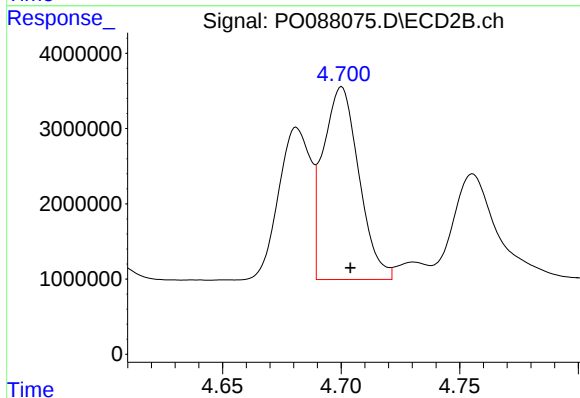
R.T.: 4.681 min
Delta R.T.: -0.004 min
Response: 18982029
Conc: 652.46 ng/ml



#17 AR-1242-2

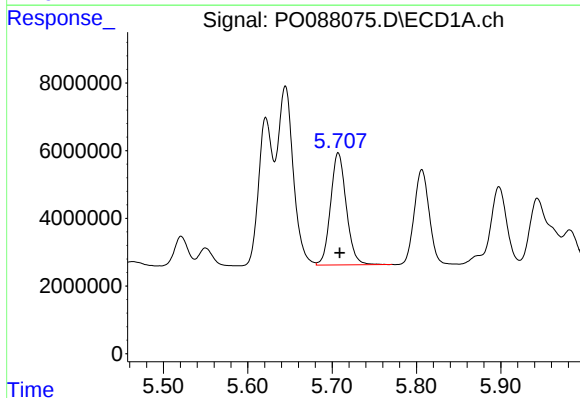
R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 68565073
Conc: 707.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



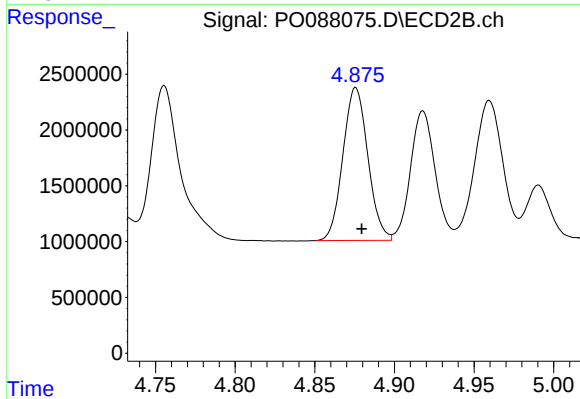
#17 AR-1242-2

R.T.: 4.700 min
Delta R.T.: -0.004 min
Response: 26966413
Conc: 665.81 ng/ml



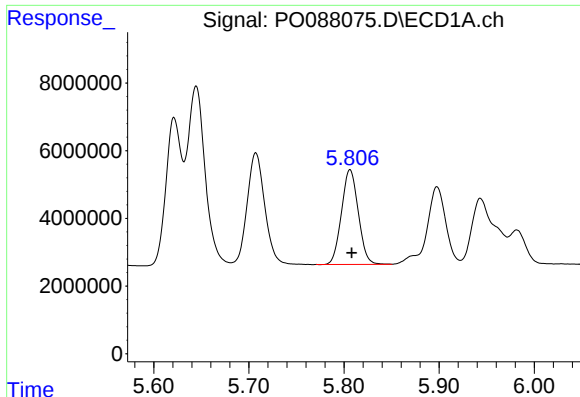
#18 AR-1242-3

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 42744791
Conc: 704.51 ng/ml



#18 AR-1242-3

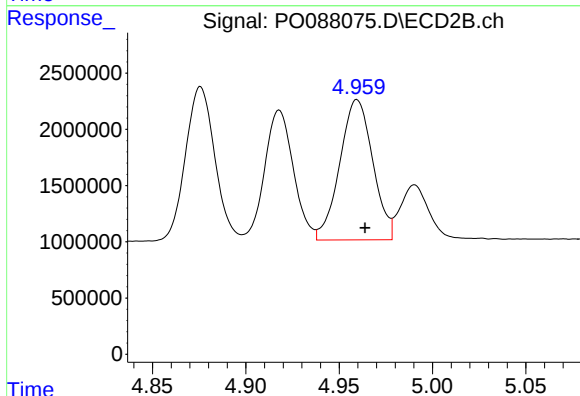
R.T.: 4.876 min
Delta R.T.: -0.004 min
Response: 14943888
Conc: 676.33 ng/ml



#19 AR-1242-4

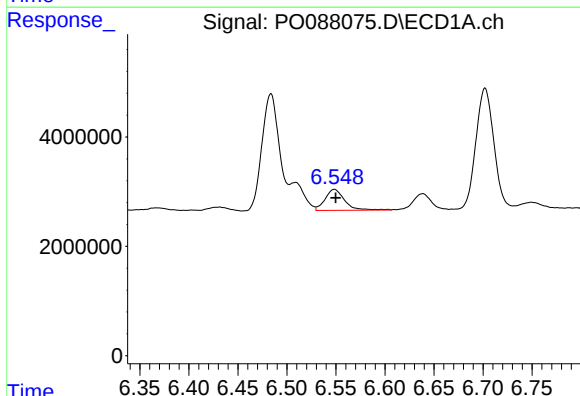
R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 34298549
Conc: 712.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



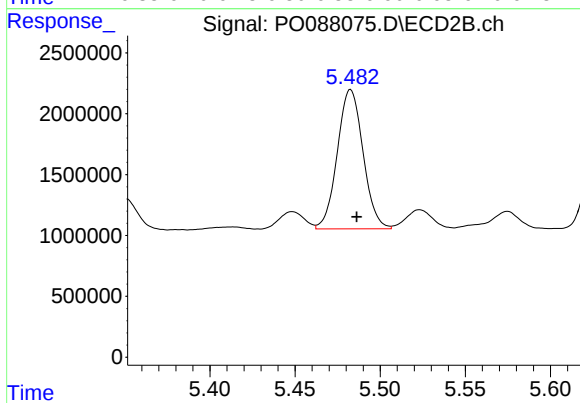
#19 AR-1242-4

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 15390620
Conc: 658.24 ng/ml



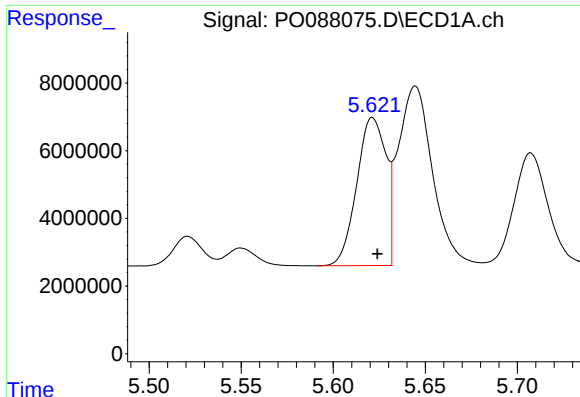
#20 AR-1242-5

R.T.: 6.548 min
Delta R.T.: -0.001 min
Response: 5281706
Conc: 100.29 ng/ml



#20 AR-1242-5

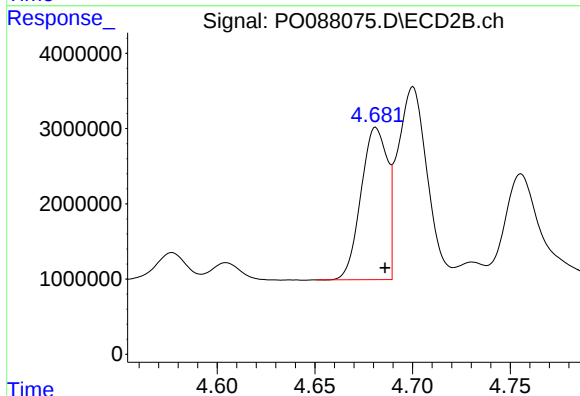
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 12048038
Conc: 449.54 ng/ml



#21 AR-1248-1

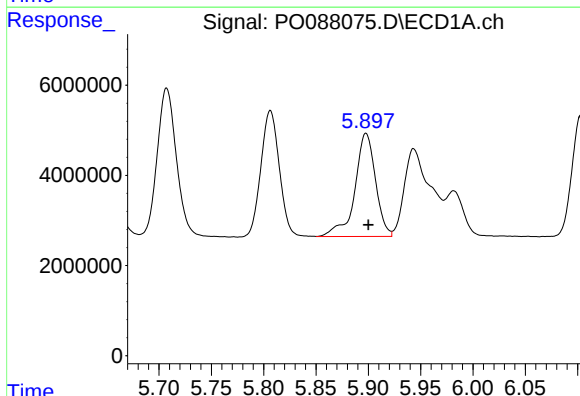
R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 48352296
Conc: 904.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



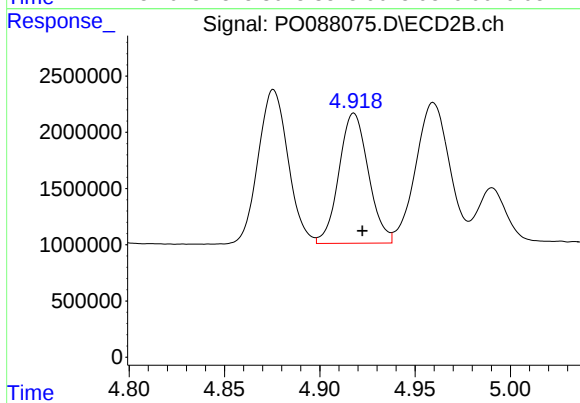
#21 AR-1248-1

R.T.: 4.681 min
Delta R.T.: -0.005 min
Response: 18982029
Conc: 828.68 ng/ml



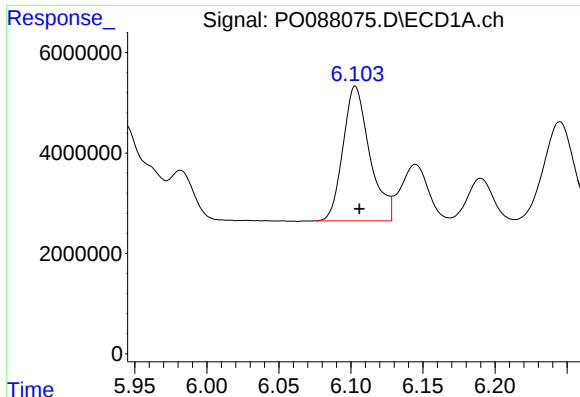
#22 AR-1248-2

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 31447983
Conc: 404.74 ng/ml



#22 AR-1248-2

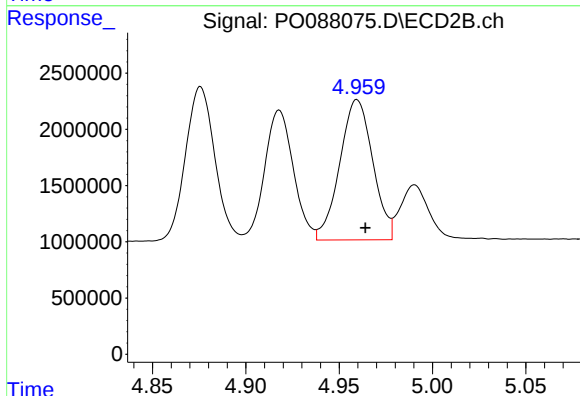
R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 12450333
Conc: 369.09 ng/ml



#23 AR-1248-3

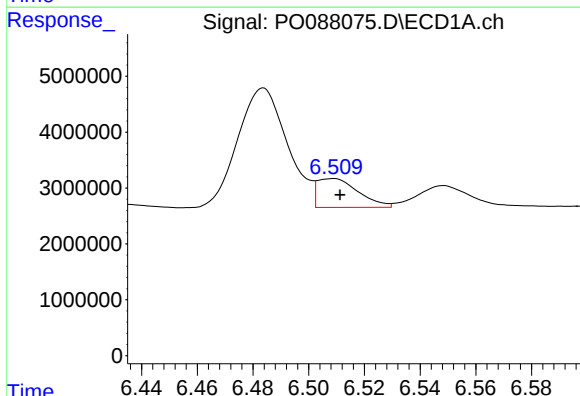
R.T.: 6.103 min
Delta R.T.: -0.003 min
Response: 34674622
Conc: 414.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



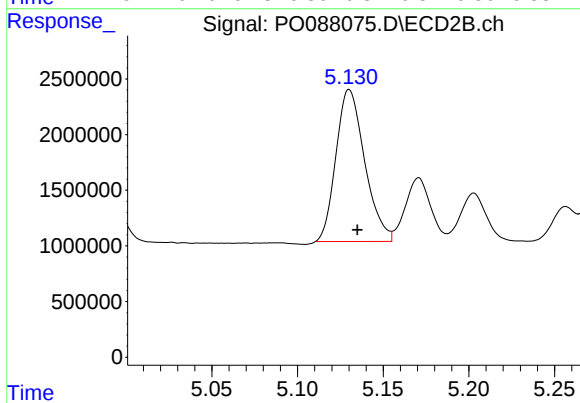
#23 AR-1248-3

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 15390620
Conc: 442.85 ng/ml



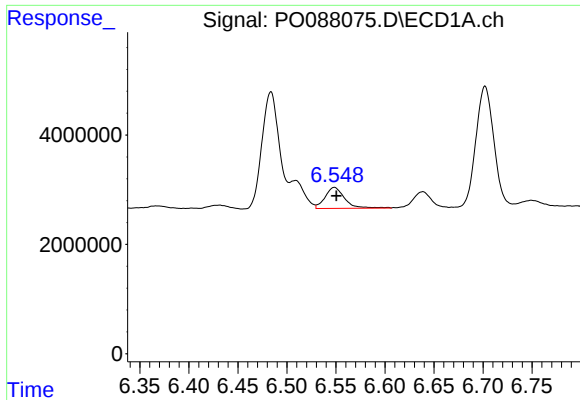
#24 AR-1248-4

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 5257592
Conc: 57.21 ng/ml



#24 AR-1248-4

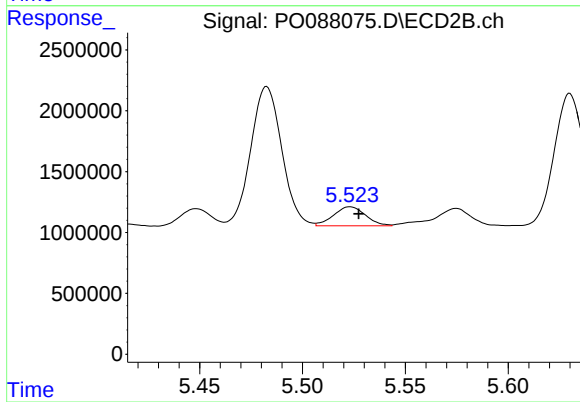
R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 15948355
Conc: 380.95 ng/ml



#25 AR-1248-5

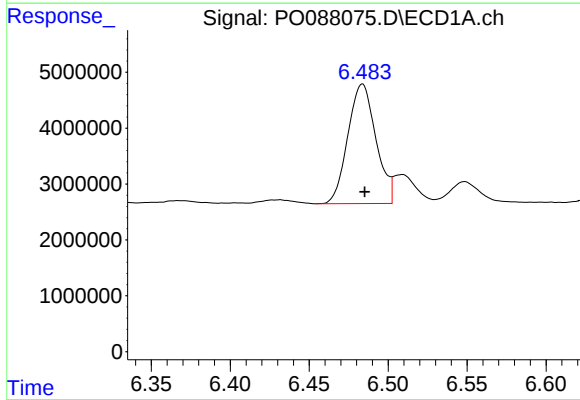
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 5281706
Conc: 58.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



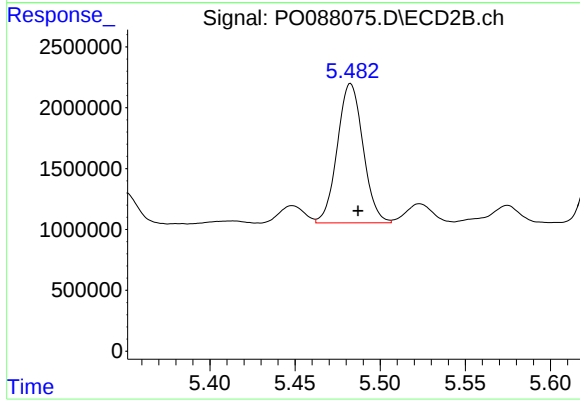
#25 AR-1248-5

R.T.: 5.523 min
Delta R.T.: -0.004 min
Response: 1699041
Conc: 47.16 ng/ml



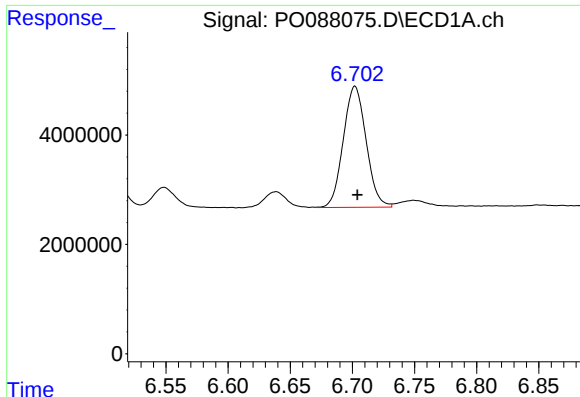
#26 AR-1254-1

R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 26471577
Conc: 279.20 ng/ml



#26 AR-1254-1

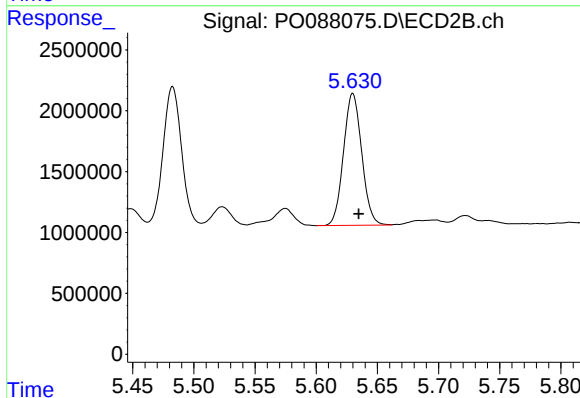
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 12048038
Conc: 208.97 ng/ml



#27 AR-1254-2

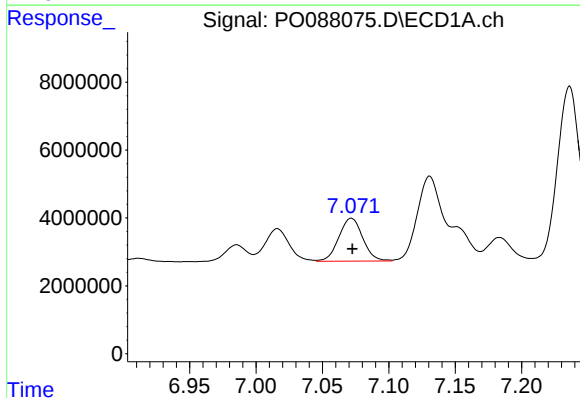
R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 28363589
Conc: 197.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



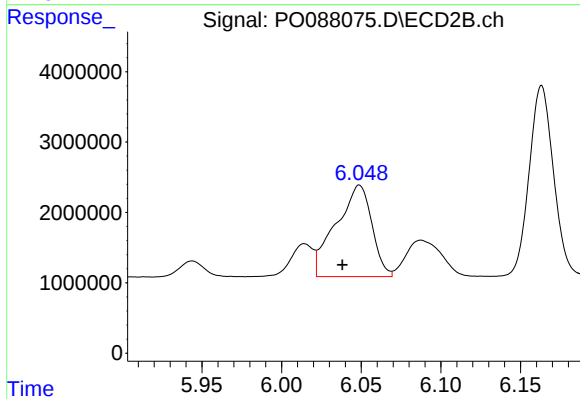
#27 AR-1254-2

R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 11260099
Conc: 219.60 ng/ml



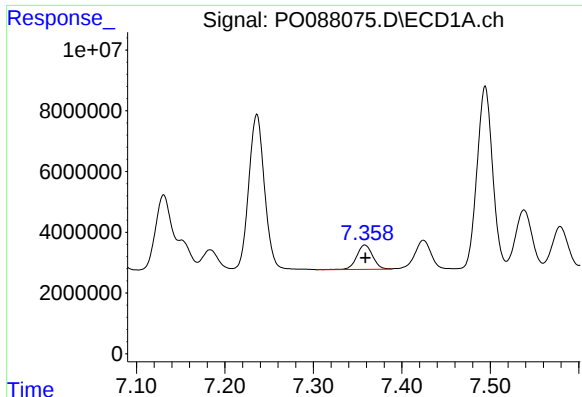
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 15848378
Conc: 108.20 ng/ml



#28 AR-1254-3

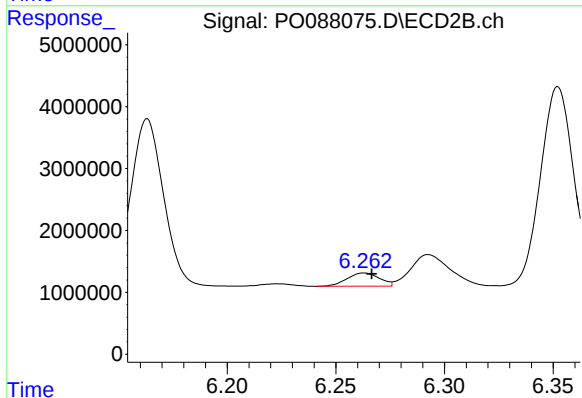
R.T.: 6.049 min
Delta R.T.: 0.011 min
Response: 20398998
Conc: 251.38 ng/ml



#29 AR-1254-4

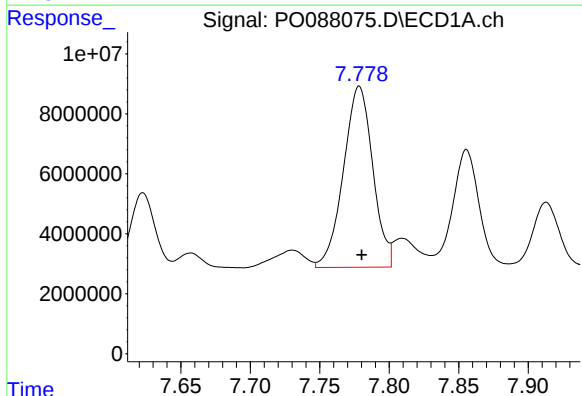
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 10121658
Conc: 93.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



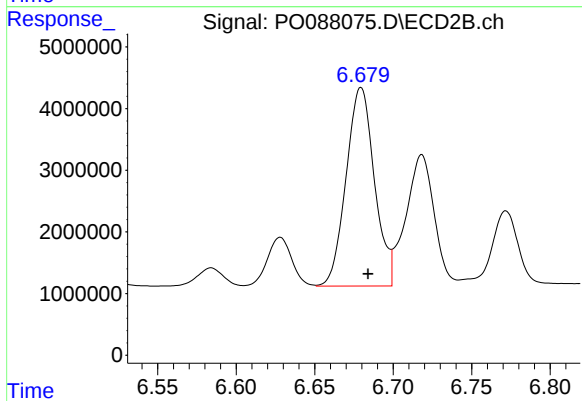
#29 AR-1254-4

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 2215551
Conc: 44.42 ng/ml



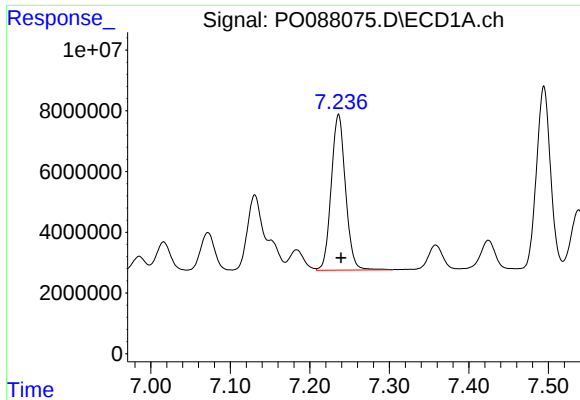
#30 AR-1254-5

R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 88874944
Conc: 738.45 ng/ml



#30 AR-1254-5

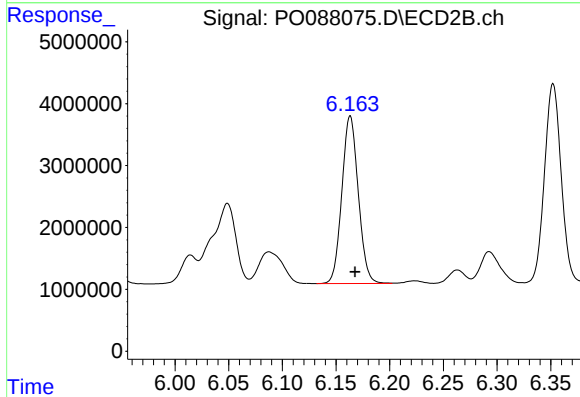
R.T.: 6.680 min
Delta R.T.: -0.005 min
Response: 40410755
Conc: 535.06 ng/ml



#31 AR-1260-1

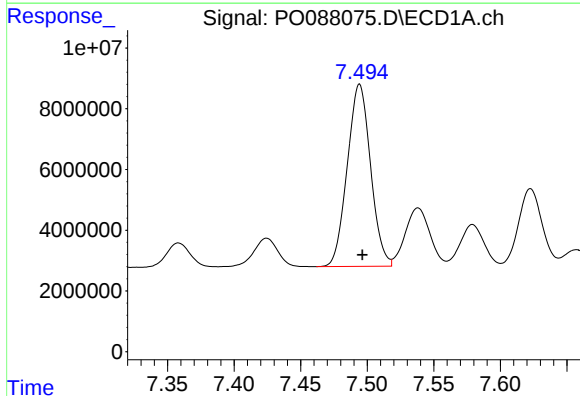
R.T.: 7.236 min
Delta R.T.: -0.003 min
Response: 63737061
Conc: 547.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



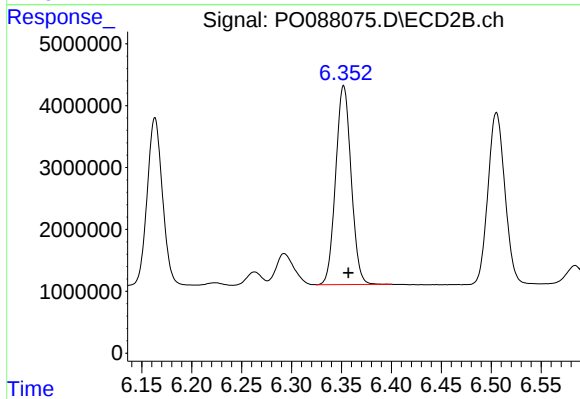
#31 AR-1260-1

R.T.: 6.163 min
Delta R.T.: -0.004 min
Response: 28851596
Conc: 532.34 ng/ml



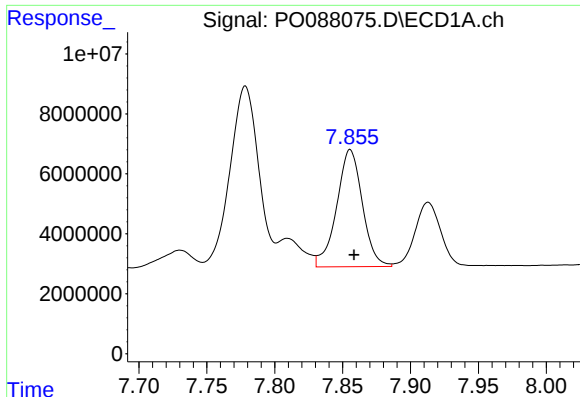
#32 AR-1260-2

R.T.: 7.494 min
Delta R.T.: -0.002 min
Response: 73112339
Conc: 541.12 ng/ml



#32 AR-1260-2

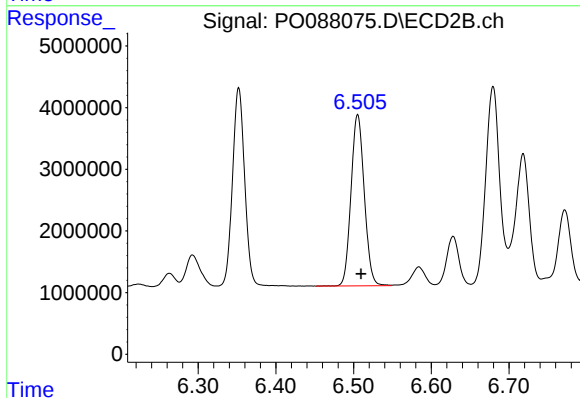
R.T.: 6.352 min
Delta R.T.: -0.005 min
Response: 34711365
Conc: 534.58 ng/ml



#33 AR-1260-3

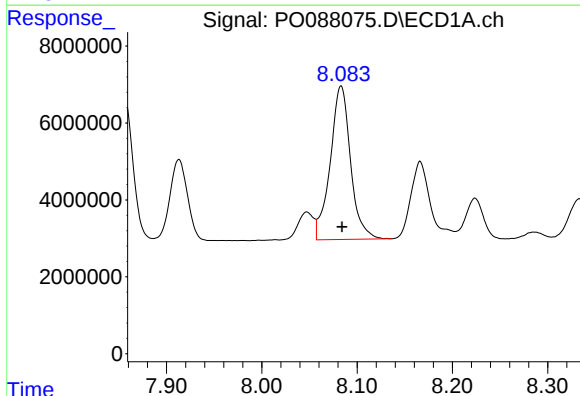
R.T.: 7.856 min
Delta R.T.: -0.003 min
Response: 51508128
Conc: 562.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



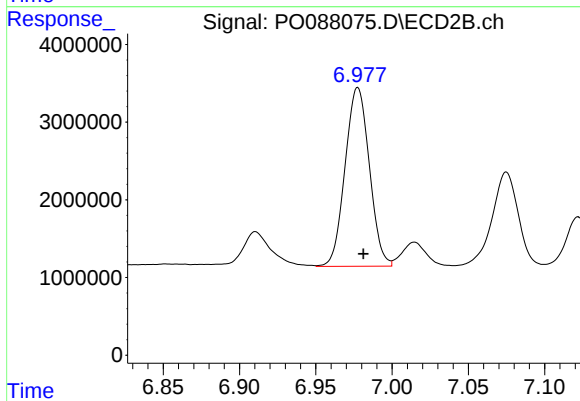
#33 AR-1260-3

R.T.: 6.505 min
Delta R.T.: -0.004 min
Response: 32924897
Conc: 529.32 ng/ml



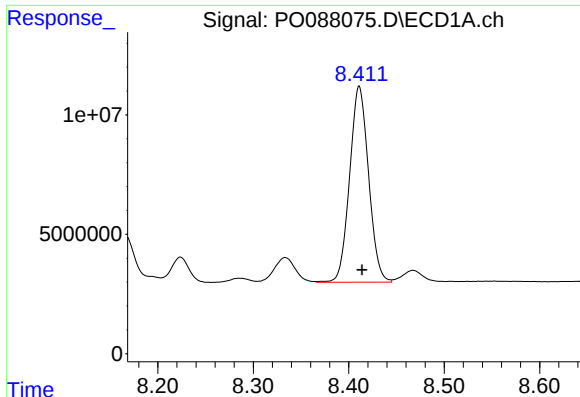
#34 AR-1260-4

R.T.: 8.083 min
Delta R.T.: -0.001 min
Response: 59114065
Conc: 547.24 ng/ml



#34 AR-1260-4

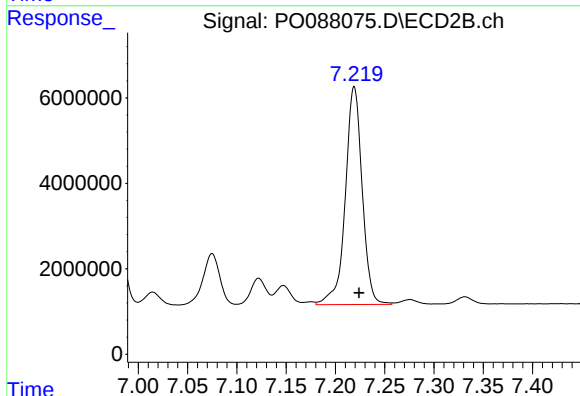
R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 25487329
Conc: 538.84 ng/ml



#35 AR-1260-5

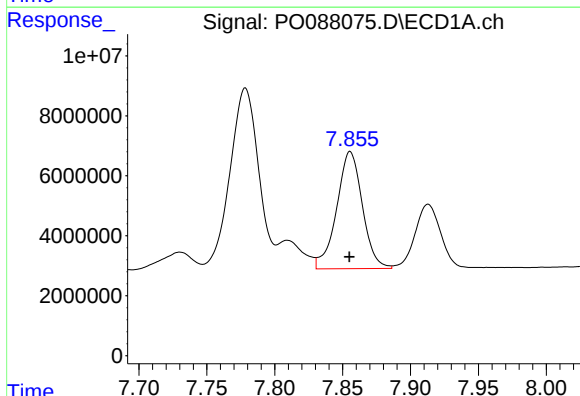
R.T.: 8.411 min
Delta R.T.: -0.003 min
Response: 112937247
Conc: 550.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



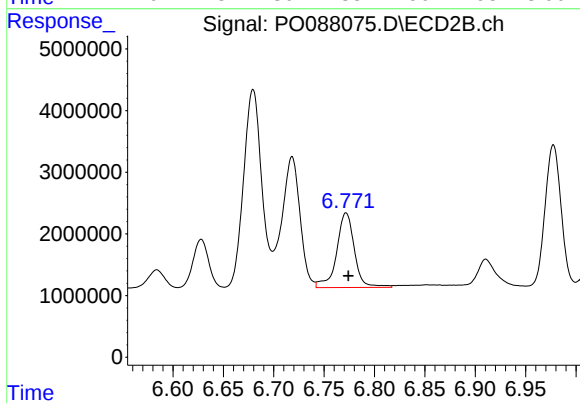
#35 AR-1260-5

R.T.: 7.219 min
Delta R.T.: -0.005 min
Response: 60801242
Conc: 531.40 ng/ml



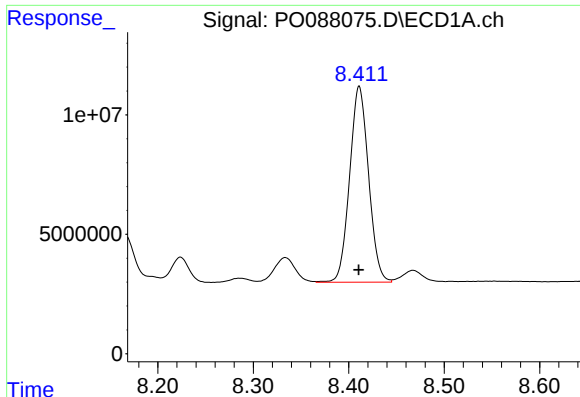
#36 AR-1262-1

R.T.: 7.856 min
Delta R.T.: 0.000 min
Response: 51508128
Conc: 374.97 ng/ml



#36 AR-1262-1

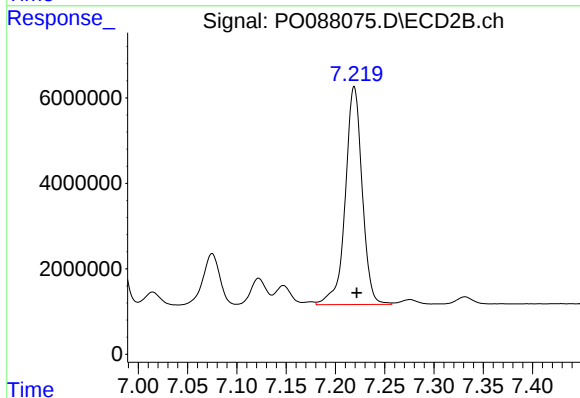
R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 14936793
Conc: 492.81 ng/ml



#37 AR-1262-2

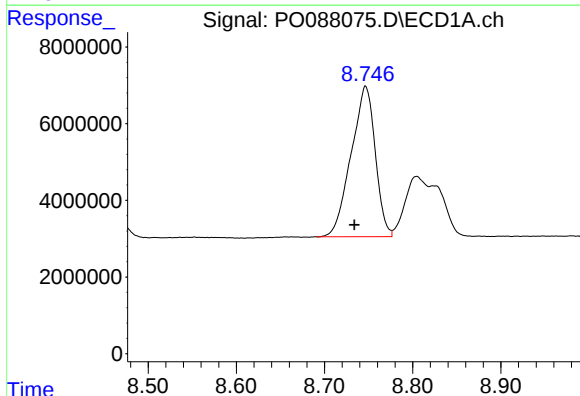
R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 112937247
Conc: 479.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



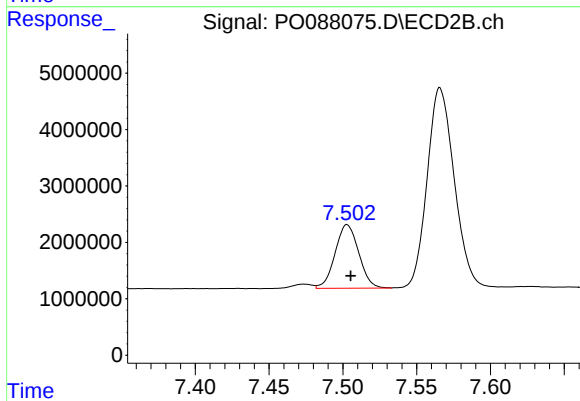
#37 AR-1262-2

R.T.: 7.219 min
Delta R.T.: -0.002 min
Response: 60801242
Conc: 452.51 ng/ml



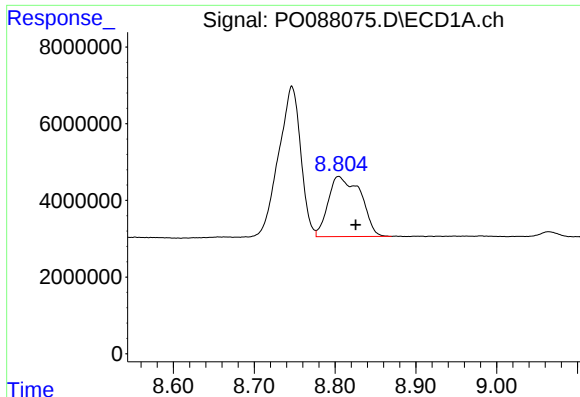
#38 AR-1262-3

R.T.: 8.747 min
Delta R.T.: 0.013 min
Response: 74671887
Conc: 450.54 ng/ml



#38 AR-1262-3

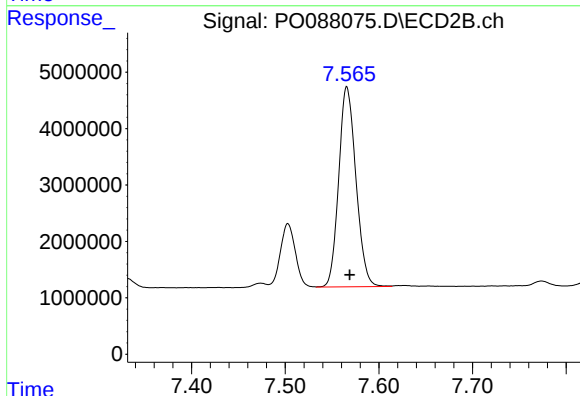
R.T.: 7.503 min
Delta R.T.: -0.003 min
Response: 12558408
Conc: 230.28 ng/ml



#39 AR-1262-4

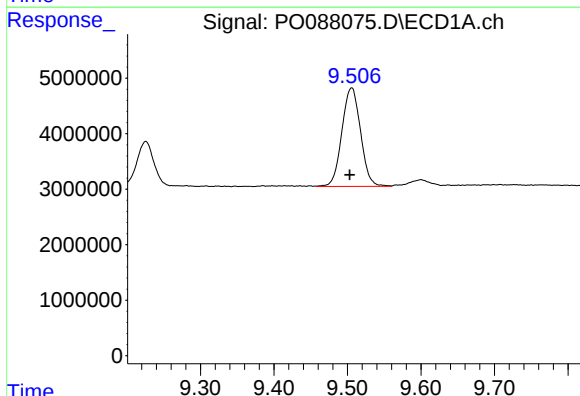
R.T.: 8.804 min
Delta R.T.: -0.021 min
Response: 43577857
Conc: 522.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



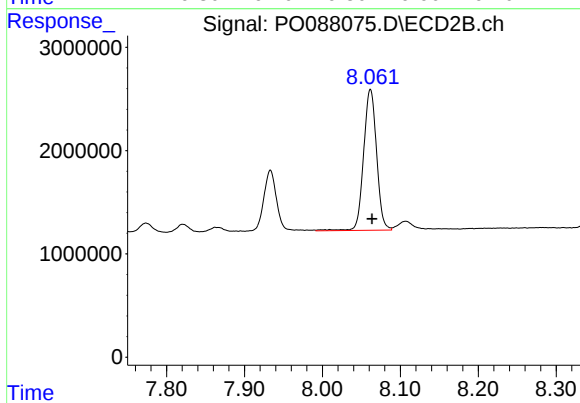
#39 AR-1262-4

R.T.: 7.566 min
Delta R.T.: -0.003 min
Response: 45278888
Conc: 447.58 ng/ml



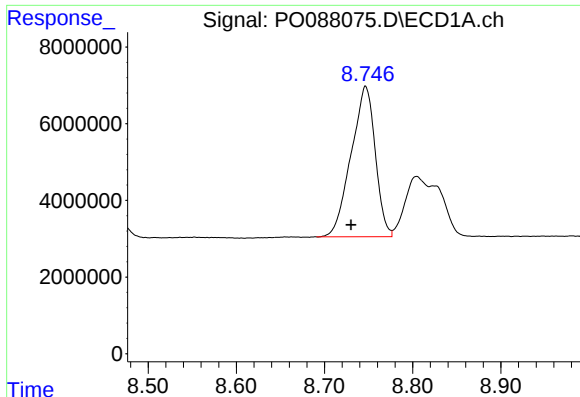
#40 AR-1262-5

R.T.: 9.506 min
Delta R.T.: 0.003 min
Response: 31350600
Conc: 351.78 ng/ml



#40 AR-1262-5

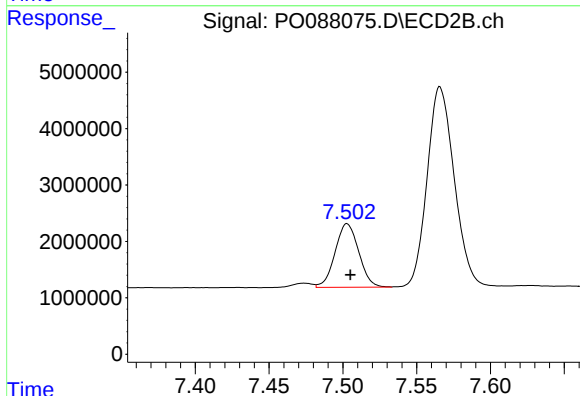
R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 15800929
Conc: 321.72 ng/ml



#41 AR-1268-1

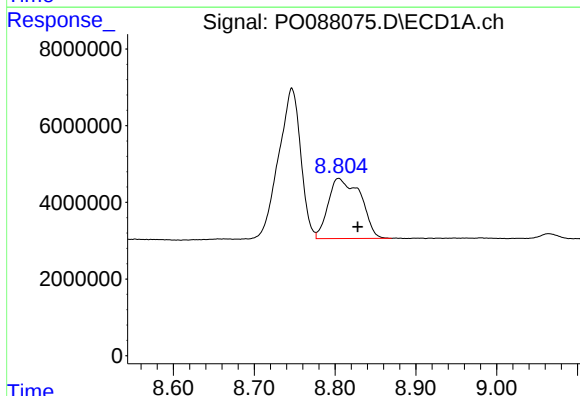
R.T.: 8.747 min
Delta R.T.: 0.017 min
Response: 74671887
Conc: 264.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



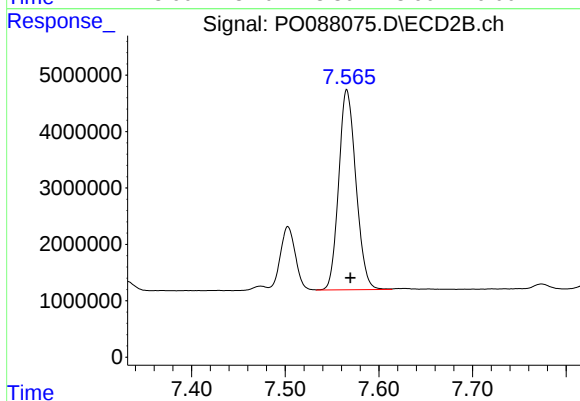
#41 AR-1268-1

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 12558408
Conc: 79.26 ng/ml



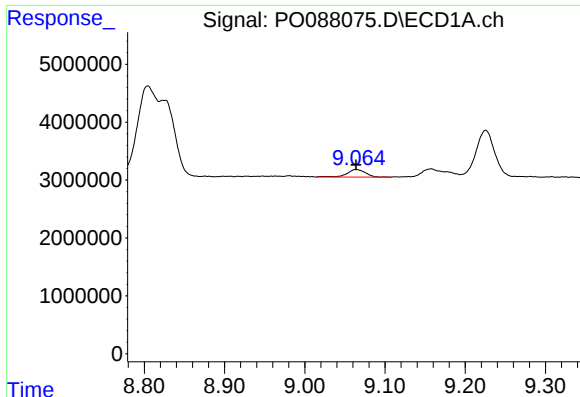
#42 AR-1268-2

R.T.: 8.804 min
Delta R.T.: -0.024 min
Response: 43577857
Conc: 167.61 ng/ml



#42 AR-1268-2

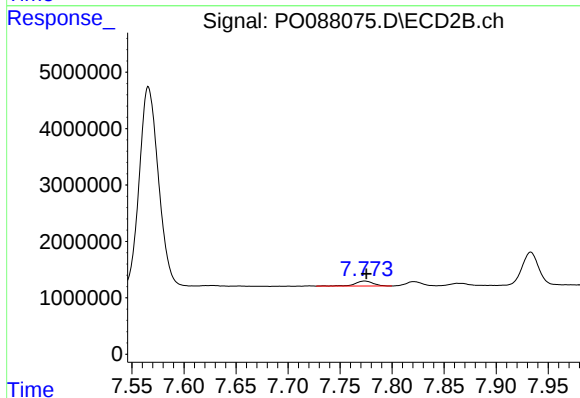
R.T.: 7.566 min
Delta R.T.: -0.004 min
Response: 45278888
Conc: 314.78 ng/ml



#43 AR-1268-3

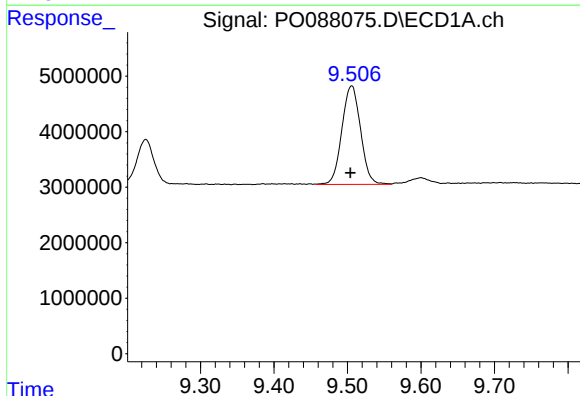
R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 2116968
Conc: 9.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



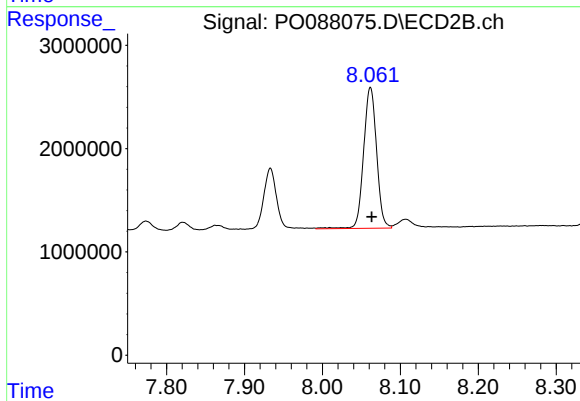
#43 AR-1268-3

R.T.: 7.774 min
Delta R.T.: -0.002 min
Response: 1116509
Conc: 8.96 ng/ml



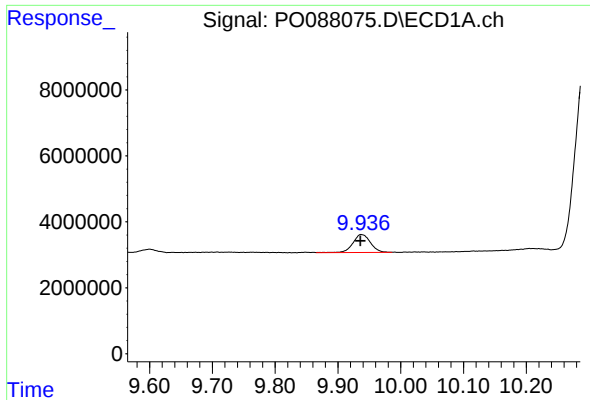
#44 AR-1268-4

R.T.: 9.506 min
Delta R.T.: 0.002 min
Response: 31350600
Conc: 319.76 ng/ml



#44 AR-1268-4

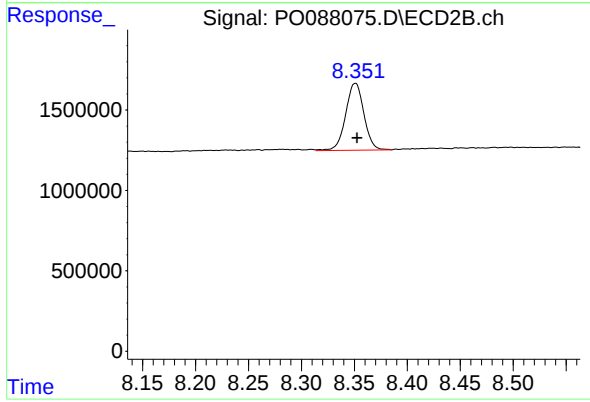
R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 15800929
Conc: 294.53 ng/ml



#45 AR-1268-5

R.T.: 9.937 min
Delta R.T.: 0.002 min
Response: 10657861
Conc: 14.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.002 min
Response: 5020319
Conc: 12.98 ng/ml