

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072822\
 Data File : P0088413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2022 09:06
 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 28 15:54:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 26 11:20:17 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...	4.443	3.602	147.8E6	50694878	57.948	53.732
2)	SA Decachlor...	10.287	8.596	97055177	56358273	45.701	53.930
Target Compounds							
3)	L1 AR-1016-1	5.618	4.677	47428146	19992741	540.779	555.658
4)	L1 AR-1016-2	5.641	4.695	66884155	27741997	533.096	542.951
5)	L1 AR-1016-3	5.703	4.871	41955851	15168637	540.887	546.395
6)	L1 AR-1016-4	5.802	4.913	33775448	12444292	547.656	534.970
7)	L1 AR-1016-5	6.099	5.126	32265948	14678690	519.886	495.983
8)	L2 AR-1221-1	4.646	3.811	5103980	1835988	168.681	175.498
9)	L2 AR-1221-2	4.738	3.897	7430261	2657325	335.213	335.066
10)	L2 AR-1221-3	4.814	3.972	27499928	9884139	399.052	385.800
11)	L3 AR-1232-1	4.814	3.972	27499928	9884139	529.195	510.920
12)	L3 AR-1232-2	5.152	4.695	37662591	27741997	1469.077	1406.694
13)	L3 AR-1232-3	5.641	4.871	66884155	15168637	1390.861	1489.660
14)	L3 AR-1232-4	5.802	4.954	33775448	15651105	1452.331	1611.181
15)	L3 AR-1232-5	5.894	5.126	30207244	14678690	1554.736	1349.643
16)	L4 AR-1242-1	5.618	4.677	47428146	19992741	694.722	687.197
17)	L4 AR-1242-2	5.641	4.695	66884155	27741997	690.484	684.959
18)	L4 AR-1242-3	5.703	4.871	41955851	15168637	691.510	686.506
19)	L4 AR-1242-4	5.802	4.954	33775448	15651105	701.220	669.381
20)	L4 AR-1242-5	6.545	5.477	4642661	12993476	88.157	484.815 #
21)	L5 AR-1248-1	5.618	4.677	47428146	19992741	887.696	872.807
22)	L5 AR-1248-2	5.894	4.913	30207244	12444292	388.768	368.912
23)	L5 AR-1248-3	6.099	4.954	32265948	15651105	385.451	450.349
24)	L5 AR-1248-4	6.503	5.126	4655474	14678690	50.654	350.620 #
25)	L5 AR-1248-5	6.545	5.518	4642661	1761007	51.622	48.877
26)	L6 AR-1254-1	6.479	5.477	24375931	12993476	257.094	225.366
27)	L6 AR-1254-2	6.697	5.624	25455859	12333723	177.320	240.539 #
28)	L6 AR-1254-3	7.067	6.043	13642140	21711651	93.135	267.551 #
29)	L6 AR-1254-4	7.355	6.257	8714697	2339058	80.522	46.899 #
30)	L6 AR-1254-5	7.775	6.674	74957437	42899873	622.811	568.019
31)	L7 AR-1260-1	7.232	6.157	55562943	30827778	477.522	568.798
32)	L7 AR-1260-2	7.490	6.346	63903781	36965980	472.964	569.301
33)	L7 AR-1260-3	7.852	6.499	42802508	34889729	467.529	560.908
34)	L7 AR-1260-4	8.079	6.972	50521612	26928476	467.693	569.310
35)	L7 AR-1260-5	8.407	7.214	93482116	64081952	455.562	560.071
36)	L8 AR-1262-1	7.852	6.766	42802508	14694218	311.593	484.806 #
37)	L8 AR-1262-2	8.407	7.214	93482116	64081952	397.230	476.926
38)	L8 AR-1262-3	8.743	7.497	62299750	13426733	375.887	246.202 #
39)	L8 AR-1262-4	8.821	7.560	14464377	47695810	173.267	471.470 #
40)	L8 AR-1262-5	9.501	8.056	26207717	16413588	294.071	334.193
41)	L9 AR-1268-1	8.743	7.497	62299750	13426733	247.448	81.475 #

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 Acq On : 28 Jul 2022 09:06
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

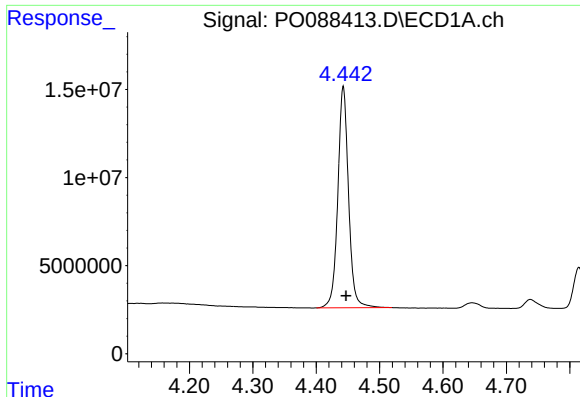
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 15:54:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
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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	8.821	7.560	14464377	47695810	62.398	318.193 #
43) L9	AR-1268-3	9.063	7.768	1908978	1732903	9.509	13.722 #
44) L9	AR-1268-4	9.501	8.056	26207717	16413588	285.212	311.493
45) L9	AR-1268-5	9.935	8.345	8384344	5676485	12.709	14.762

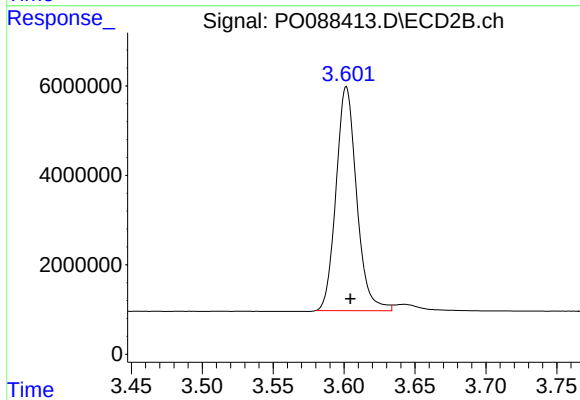
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

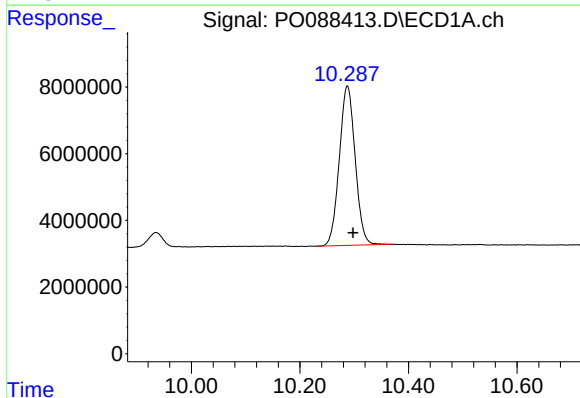
R.T.: 4.443 min
Delta R.T.: -0.004 min
Response: 147836708
Conc: 57.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



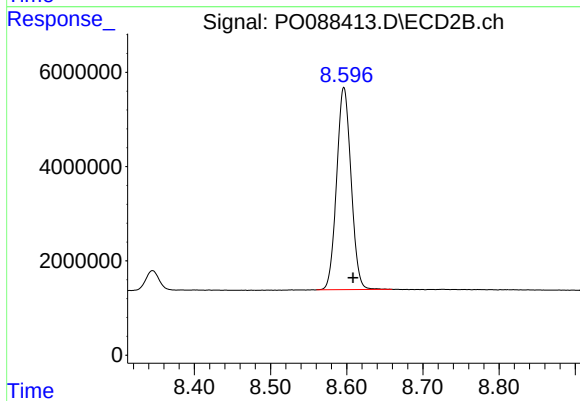
#1 Tetrachloro-m-xylene

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 50694878
Conc: 53.73 ng/ml



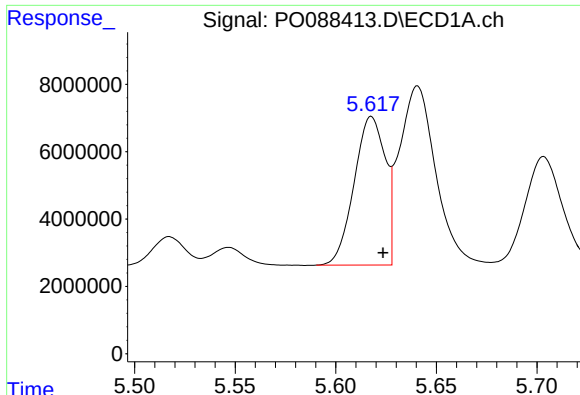
#2 Decachlorobiphenyl

R.T.: 10.287 min
Delta R.T.: -0.011 min
Response: 97055177
Conc: 45.70 ng/ml



#2 Decachlorobiphenyl

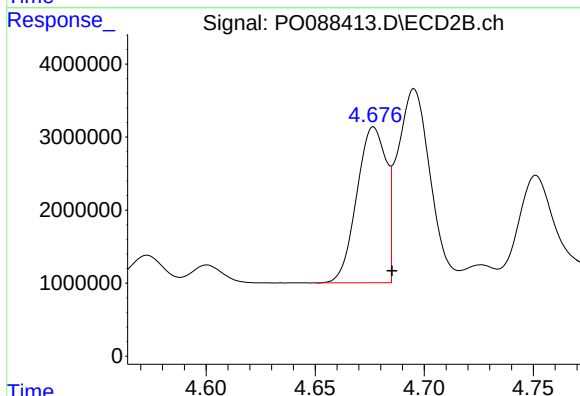
R.T.: 8.596 min
Delta R.T.: -0.012 min
Response: 56358273
Conc: 53.93 ng/ml



#3 AR-1016-1

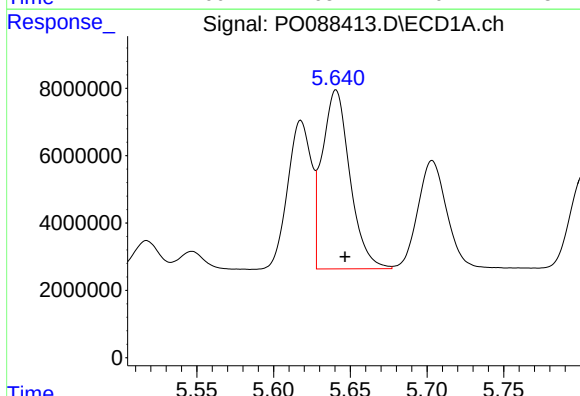
R.T.: 5.618 min
Delta R.T.: -0.006 min
Response: 47428146
Conc: 540.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



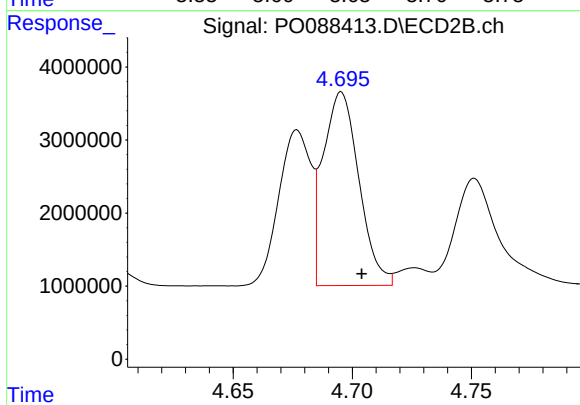
#3 AR-1016-1

R.T.: 4.677 min
Delta R.T.: -0.008 min
Response: 19992741
Conc: 555.66 ng/ml



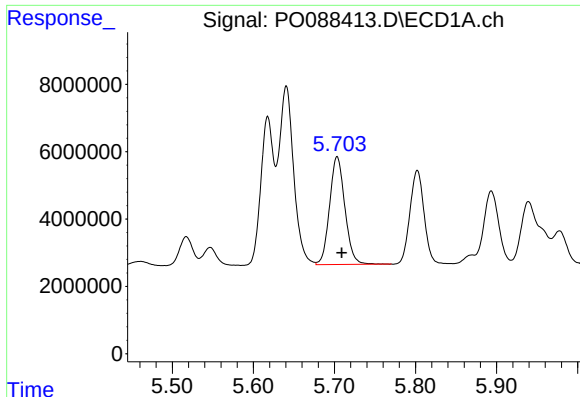
#4 AR-1016-2

R.T.: 5.641 min
Delta R.T.: -0.006 min
Response: 66884155
Conc: 533.10 ng/ml



#4 AR-1016-2

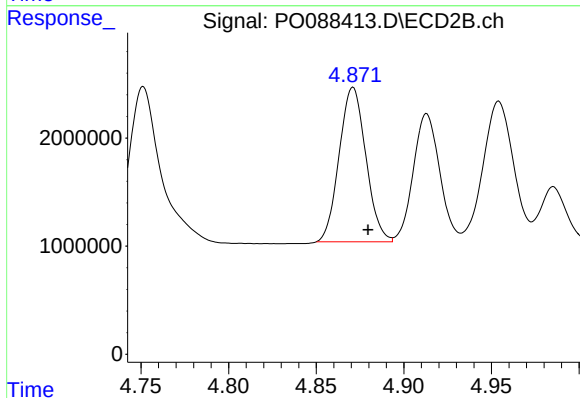
R.T.: 4.695 min
Delta R.T.: -0.009 min
Response: 27741997
Conc: 542.95 ng/ml



#5 AR-1016-3

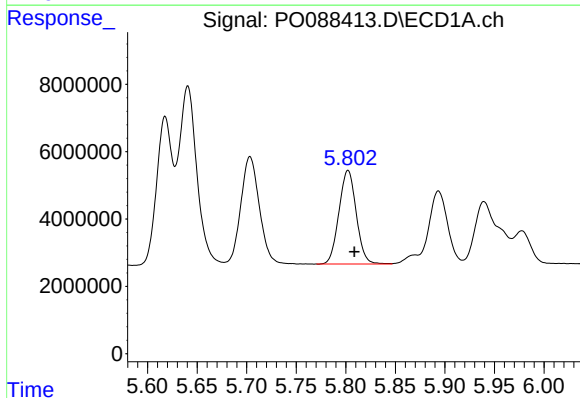
R.T.: 5.703 min
Delta R.T.: -0.006 min
Response: 41955851
Conc: 540.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



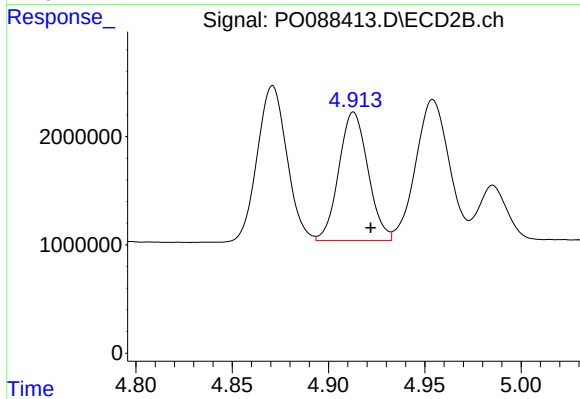
#5 AR-1016-3

R.T.: 4.871 min
Delta R.T.: -0.009 min
Response: 15168637
Conc: 546.39 ng/ml



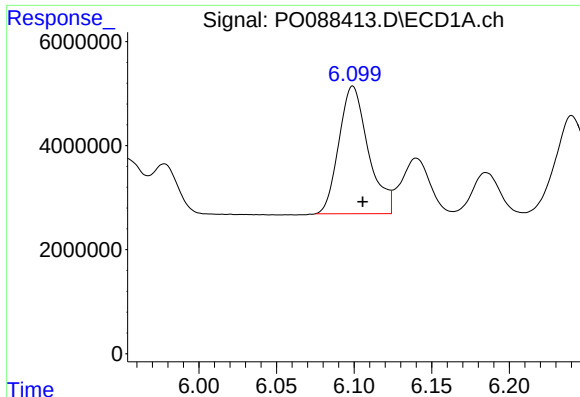
#6 AR-1016-4

R.T.: 5.802 min
Delta R.T.: -0.007 min
Response: 33775448
Conc: 547.66 ng/ml



#6 AR-1016-4

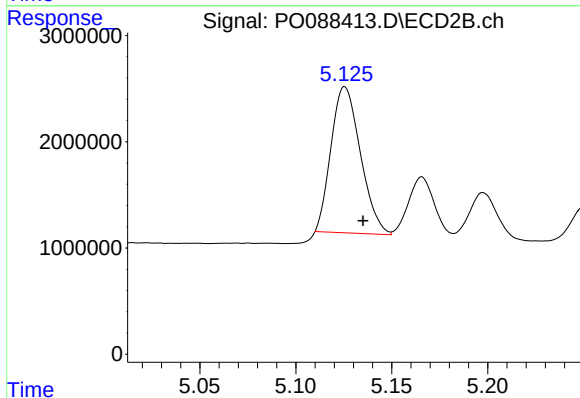
R.T.: 4.913 min
Delta R.T.: -0.009 min
Response: 12444292
Conc: 534.97 ng/ml



#7 AR-1016-5

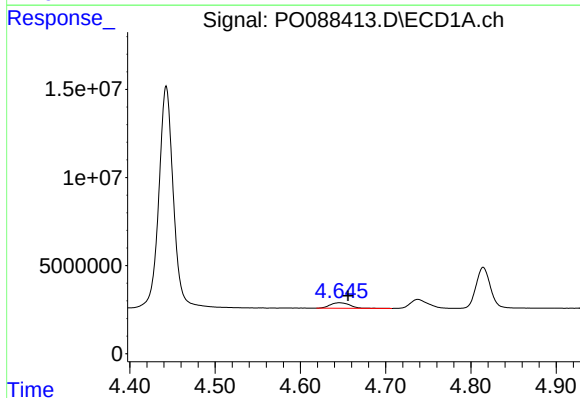
R.T.: 6.099 min
Delta R.T.: -0.006 min
Response: 32265948
Conc: 519.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



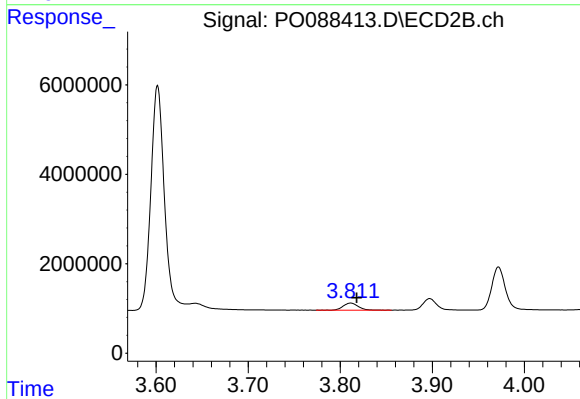
#7 AR-1016-5

R.T.: 5.126 min
Delta R.T.: -0.010 min
Response: 14678690
Conc: 495.98 ng/ml



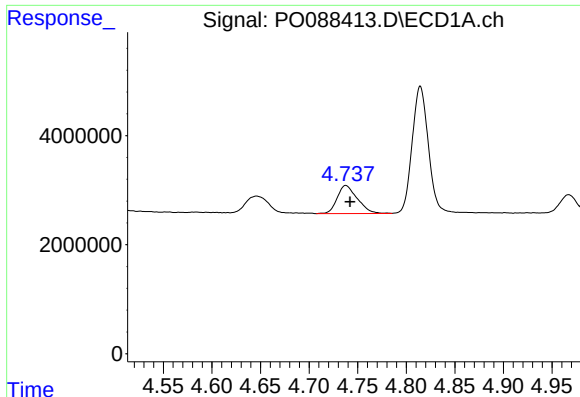
#8 AR-1221-1

R.T.: 4.646 min
Delta R.T.: -0.010 min
Response: 5103980
Conc: 168.68 ng/ml



#8 AR-1221-1

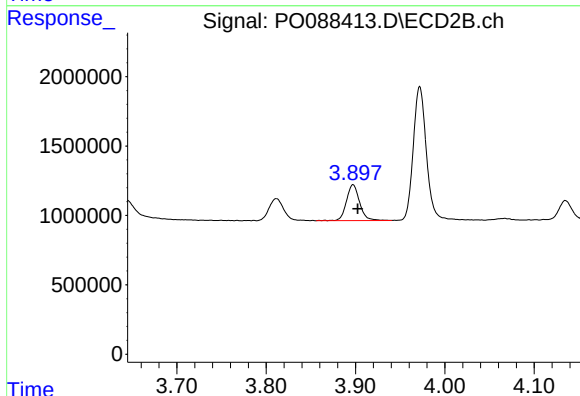
R.T.: 3.811 min
Delta R.T.: -0.006 min
Response: 1835988
Conc: 175.50 ng/ml



#9 AR-1221-2

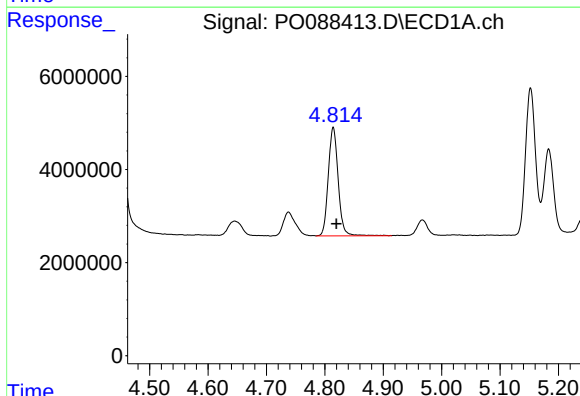
R.T.: 4.738 min
Delta R.T.: -0.004 min
Response: 7430261
Conc: 335.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



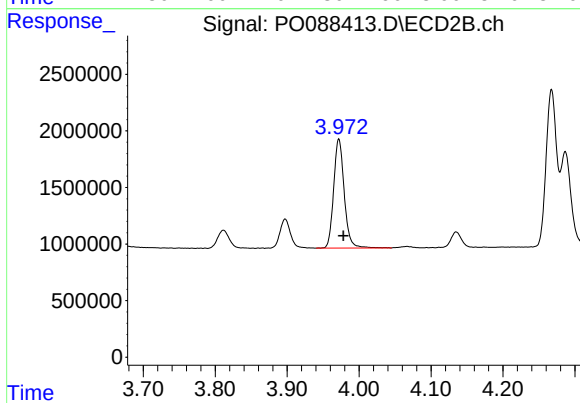
#9 AR-1221-2

R.T.: 3.897 min
Delta R.T.: -0.005 min
Response: 2657325
Conc: 335.07 ng/ml



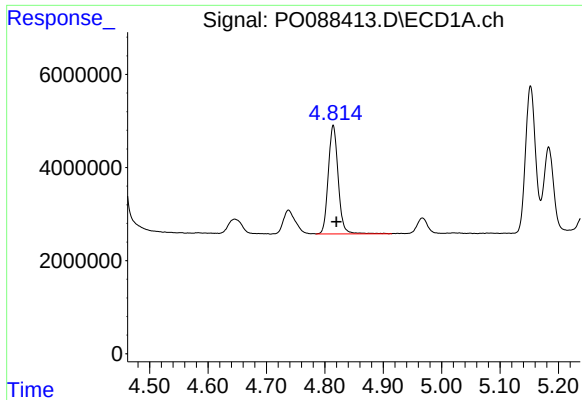
#10 AR-1221-3

R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 27499928
Conc: 399.05 ng/ml



#10 AR-1221-3

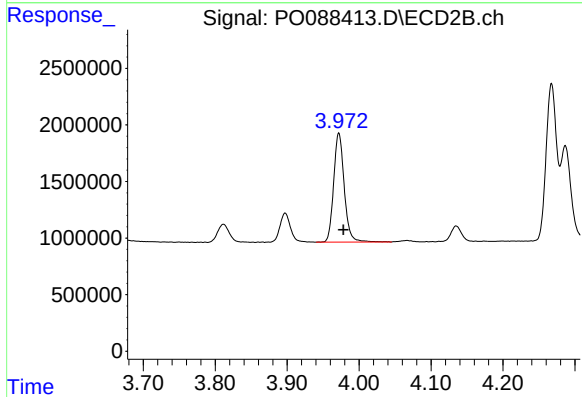
R.T.: 3.972 min
Delta R.T.: -0.006 min
Response: 9884139
Conc: 385.80 ng/ml



#11 AR-1232-1

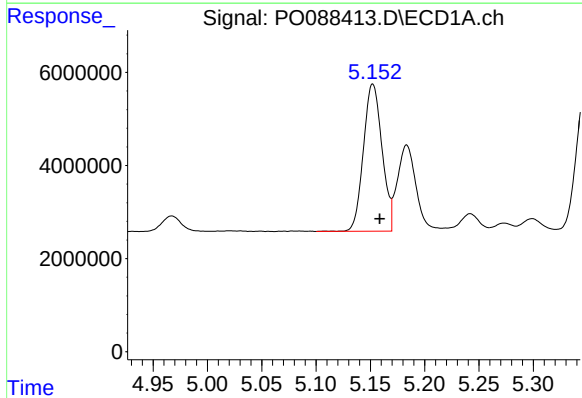
R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 27499928
Conc: 529.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



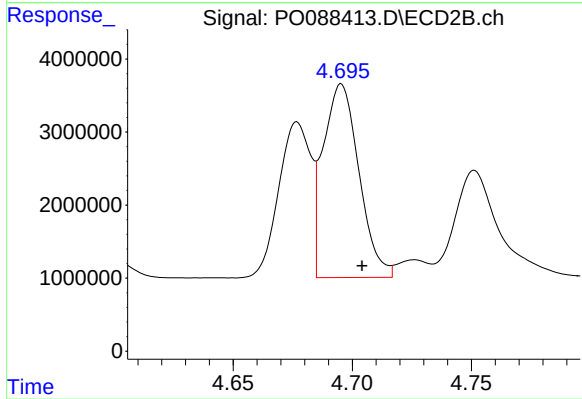
#11 AR-1232-1

R.T.: 3.972 min
Delta R.T.: -0.006 min
Response: 9884139
Conc: 510.92 ng/ml



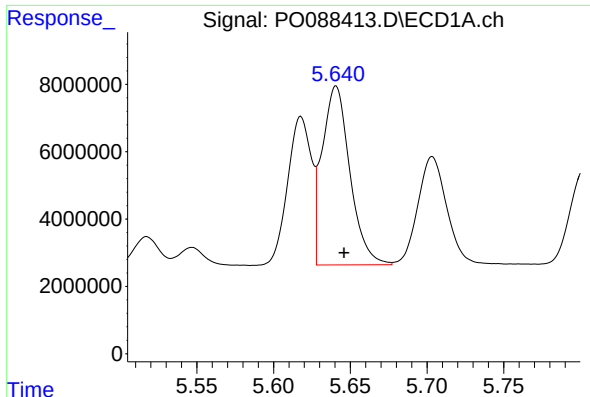
#12 AR-1232-2

R.T.: 5.152 min
Delta R.T.: -0.006 min
Response: 37662591
Conc: 1469.08 ng/ml



#12 AR-1232-2

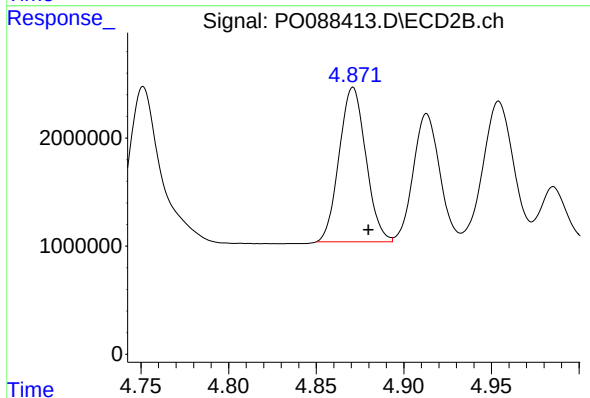
R.T.: 4.695 min
Delta R.T.: -0.009 min
Response: 27741997
Conc: 1406.69 ng/ml



#13 AR-1232-3

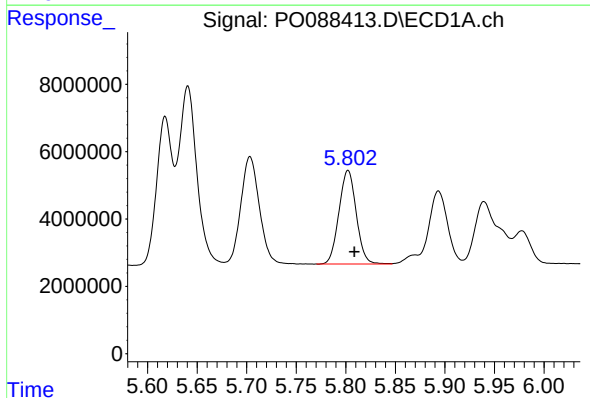
R.T.: 5.641 min
Delta R.T.: -0.005 min
Response: 66884155
Conc: 1390.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



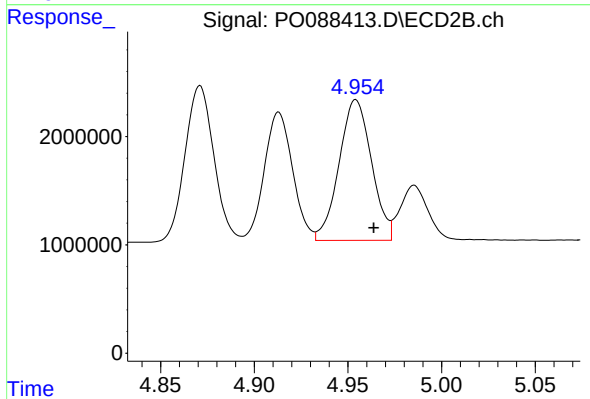
#13 AR-1232-3

R.T.: 4.871 min
Delta R.T.: -0.009 min
Response: 15168637
Conc: 1489.66 ng/ml



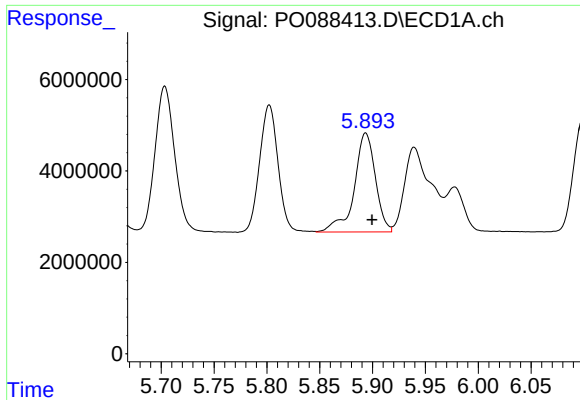
#14 AR-1232-4

R.T.: 5.802 min
Delta R.T.: -0.007 min
Response: 33775448
Conc: 1452.33 ng/ml



#14 AR-1232-4

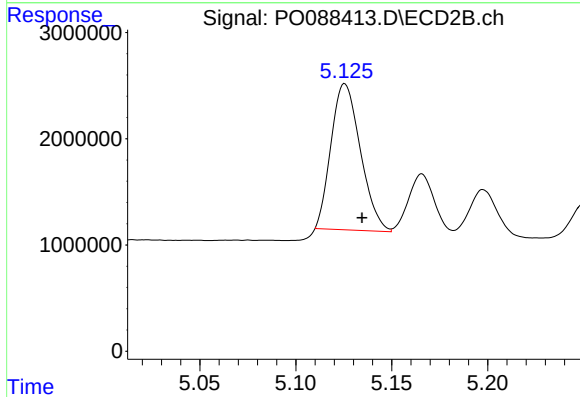
R.T.: 4.954 min
Delta R.T.: -0.010 min
Response: 15651105
Conc: 1611.18 ng/ml



#15 AR-1232-5

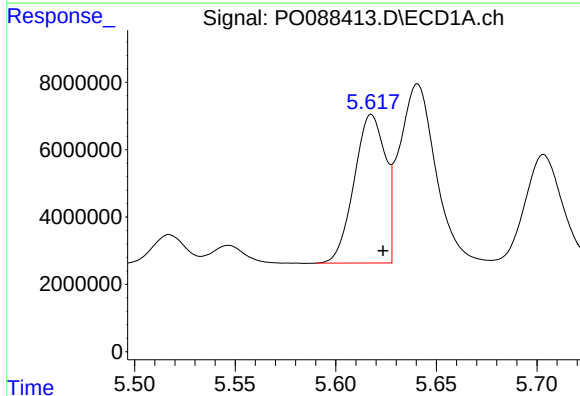
R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 30207244
Conc: 1554.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



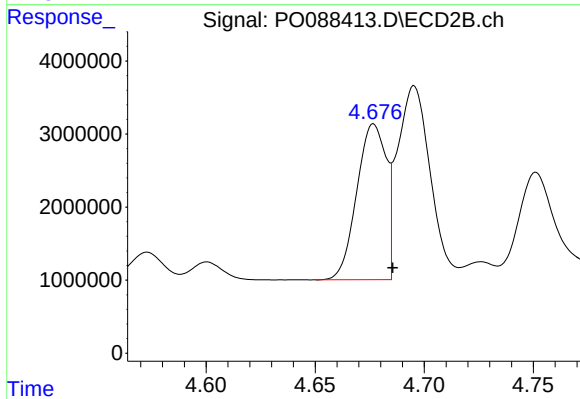
#15 AR-1232-5

R.T.: 5.126 min
Delta R.T.: -0.009 min
Response: 14678690
Conc: 1349.64 ng/ml



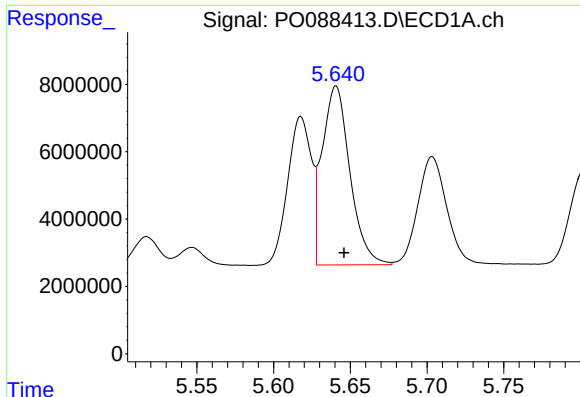
#16 AR-1242-1

R.T.: 5.618 min
Delta R.T.: -0.006 min
Response: 47428146
Conc: 694.72 ng/ml



#16 AR-1242-1

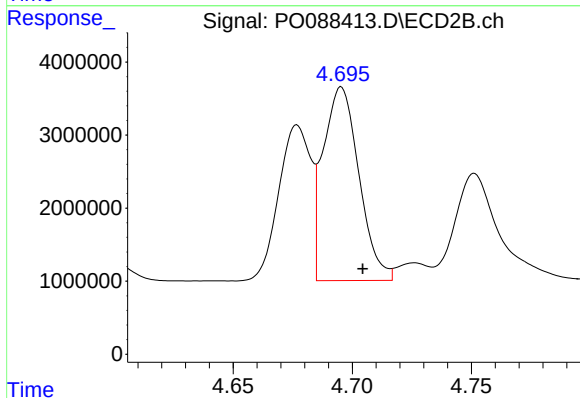
R.T.: 4.677 min
Delta R.T.: -0.009 min
Response: 19992741
Conc: 687.20 ng/ml



#17 AR-1242-2

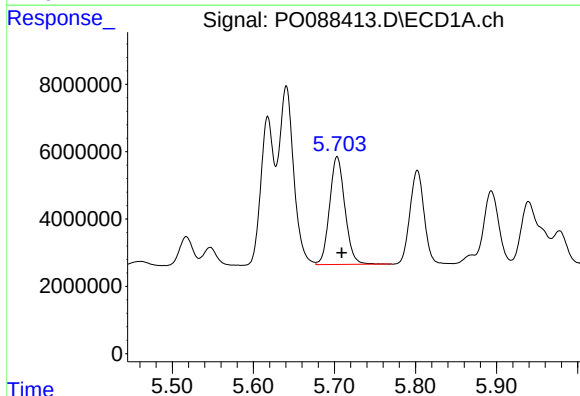
R.T.: 5.641 min
Delta R.T.: -0.005 min
Response: 66884155
Conc: 690.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



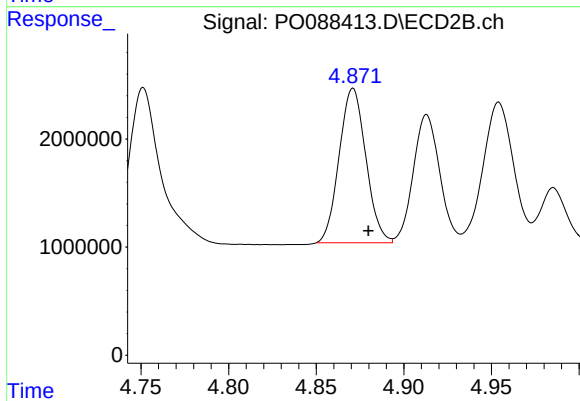
#17 AR-1242-2

R.T.: 4.695 min
Delta R.T.: -0.009 min
Response: 27741997
Conc: 684.96 ng/ml



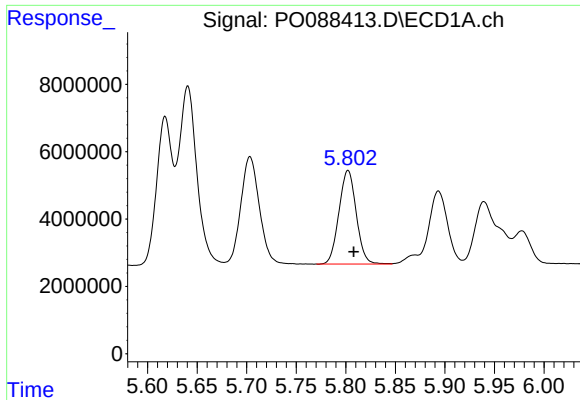
#18 AR-1242-3

R.T.: 5.703 min
Delta R.T.: -0.006 min
Response: 41955851
Conc: 691.51 ng/ml



#18 AR-1242-3

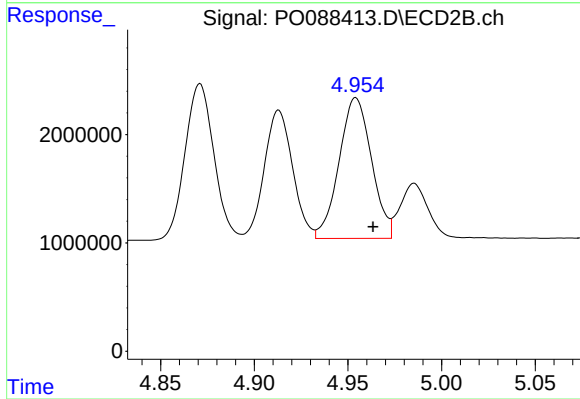
R.T.: 4.871 min
Delta R.T.: -0.009 min
Response: 15168637
Conc: 686.51 ng/ml



#19 AR-1242-4

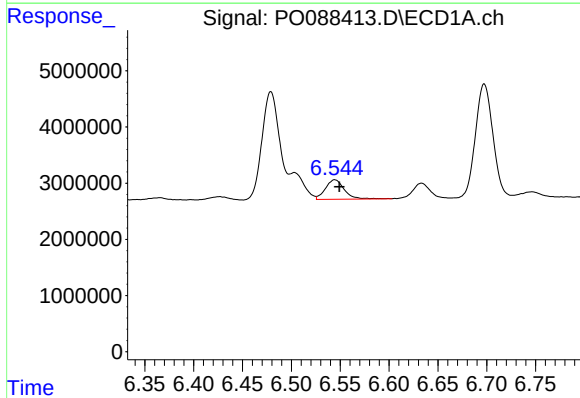
R.T.: 5.802 min
Delta R.T.: -0.006 min
Response: 33775448
Conc: 701.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



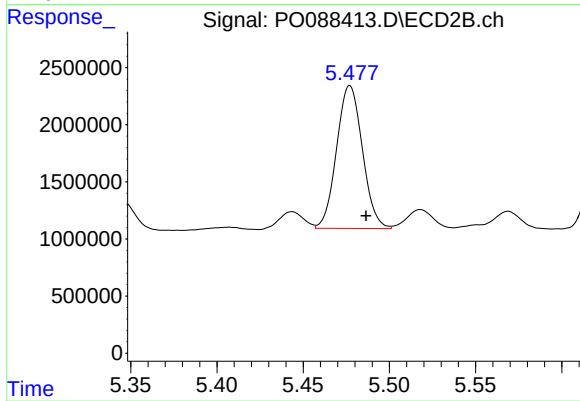
#19 AR-1242-4

R.T.: 4.954 min
Delta R.T.: -0.009 min
Response: 15651105
Conc: 669.38 ng/ml



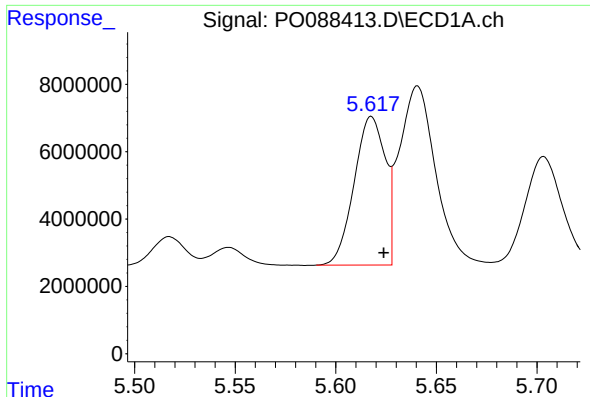
#20 AR-1242-5

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 4642661
Conc: 88.16 ng/ml



#20 AR-1242-5

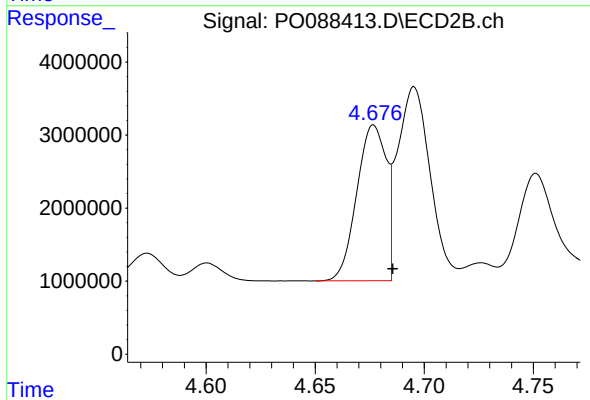
R.T.: 5.477 min
Delta R.T.: -0.009 min
Response: 12993476
Conc: 484.81 ng/ml



#21 AR-1248-1

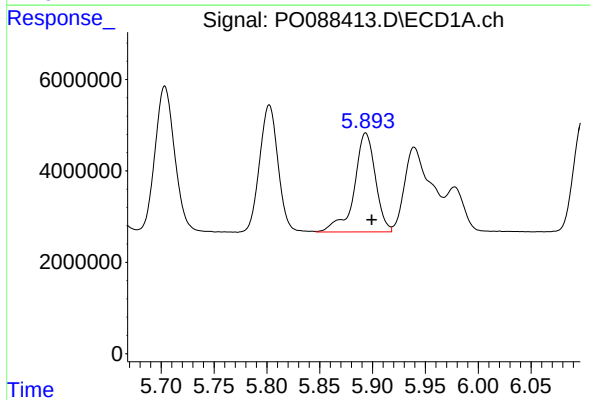
R.T.: 5.618 min
Delta R.T.: -0.006 min
Response: 47428146
Conc: 887.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



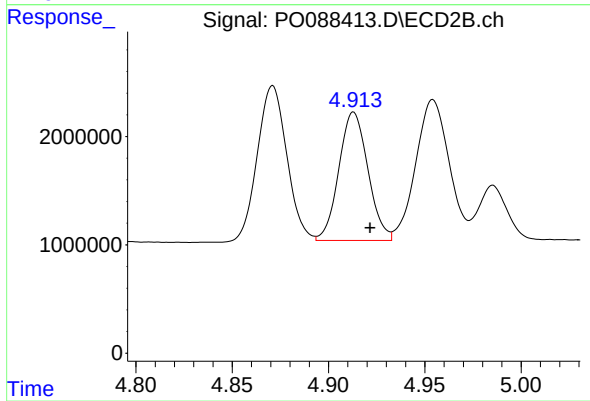
#21 AR-1248-1

R.T.: 4.677 min
Delta R.T.: -0.009 min
Response: 19992741
Conc: 872.81 ng/ml



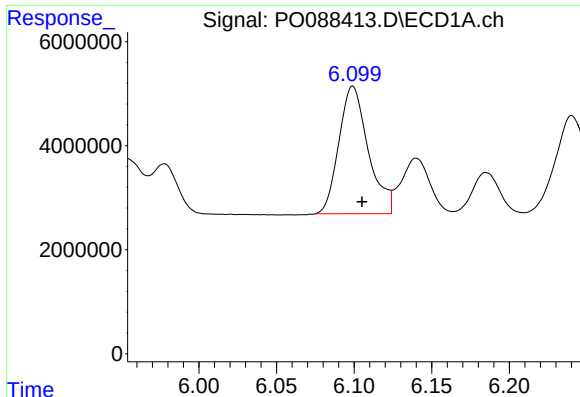
#22 AR-1248-2

R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 30207244
Conc: 388.77 ng/ml



#22 AR-1248-2

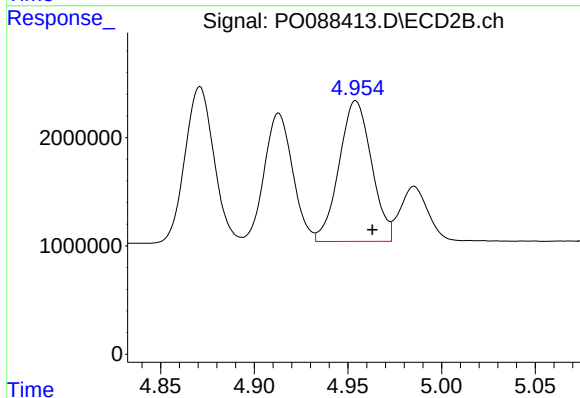
R.T.: 4.913 min
Delta R.T.: -0.008 min
Response: 12444292
Conc: 368.91 ng/ml



#23 AR-1248-3

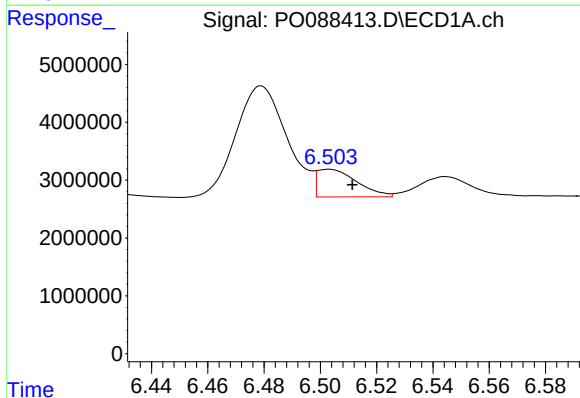
R.T.: 6.099 min
Delta R.T.: -0.006 min
Response: 32265948
Conc: 385.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



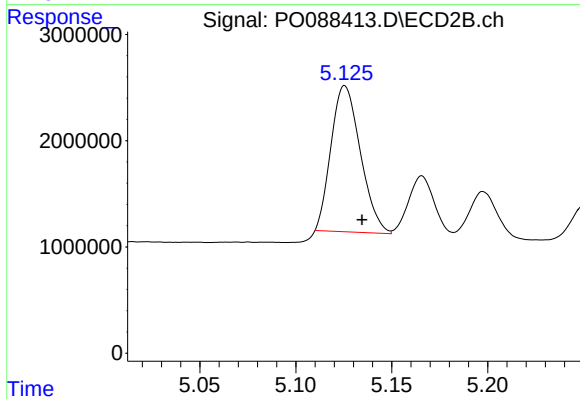
#23 AR-1248-3

R.T.: 4.954 min
Delta R.T.: -0.009 min
Response: 15651105
Conc: 450.35 ng/ml



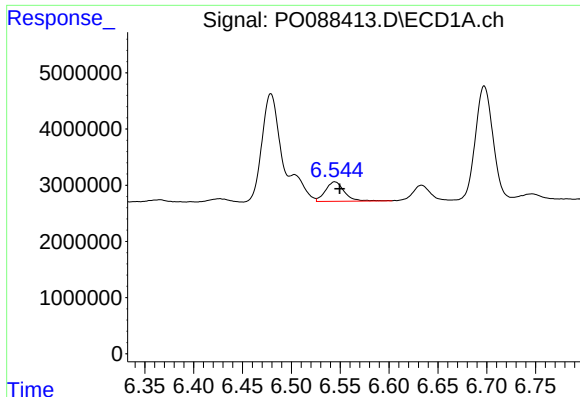
#24 AR-1248-4

R.T.: 6.503 min
Delta R.T.: -0.008 min
Response: 4655474
Conc: 50.65 ng/ml



#24 AR-1248-4

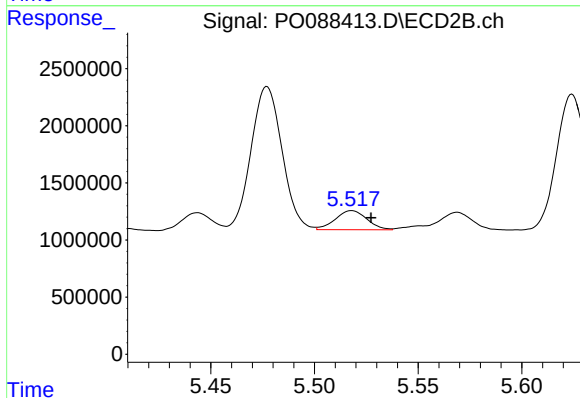
R.T.: 5.126 min
Delta R.T.: -0.009 min
Response: 14678690
Conc: 350.62 ng/ml



#25 AR-1248-5

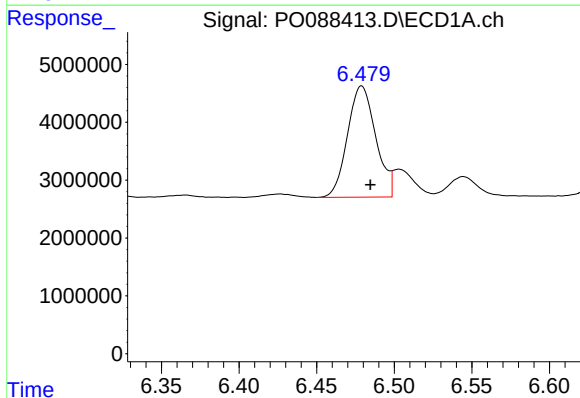
R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 4642661
Conc: 51.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



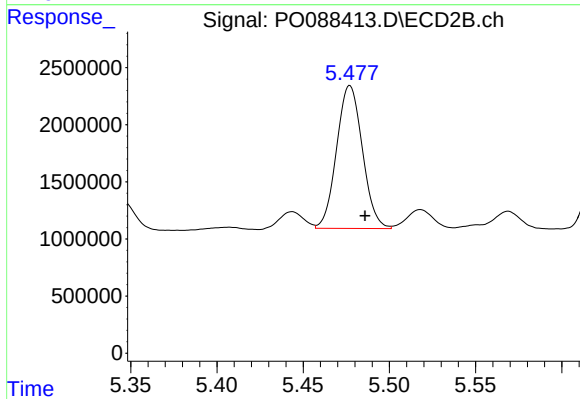
#25 AR-1248-5

R.T.: 5.518 min
Delta R.T.: -0.009 min
Response: 1761007
Conc: 48.88 ng/ml



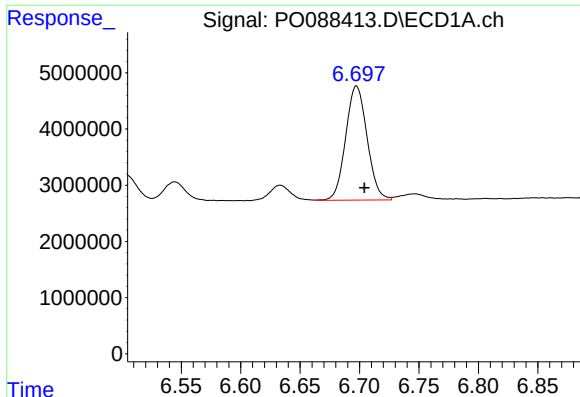
#26 AR-1254-1

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 24375931
Conc: 257.09 ng/ml



#26 AR-1254-1

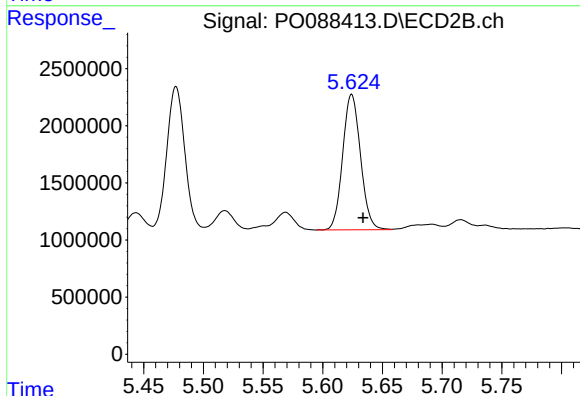
R.T.: 5.477 min
Delta R.T.: -0.009 min
Response: 12993476
Conc: 225.37 ng/ml



#27 AR-1254-2

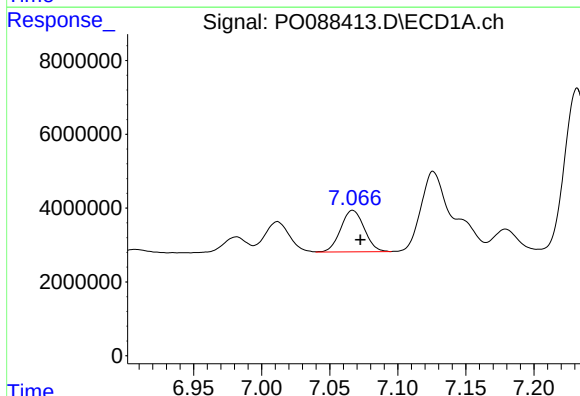
R.T.: 6.697 min
Delta R.T.: -0.007 min
Response: 25455859
Conc: 177.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



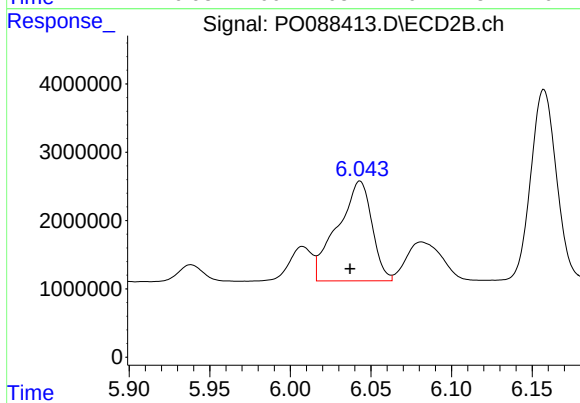
#27 AR-1254-2

R.T.: 5.624 min
Delta R.T.: -0.010 min
Response: 12333723
Conc: 240.54 ng/ml



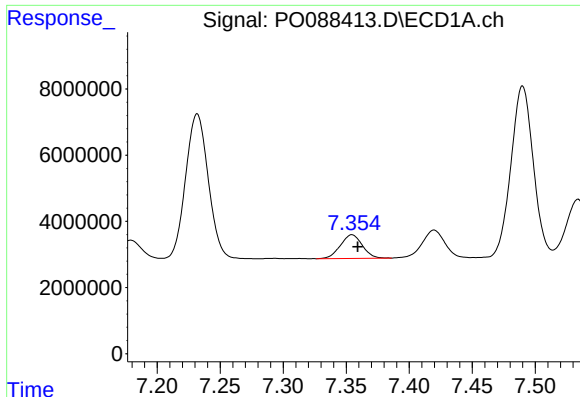
#28 AR-1254-3

R.T.: 7.067 min
Delta R.T.: -0.006 min
Response: 13642140
Conc: 93.14 ng/ml



#28 AR-1254-3

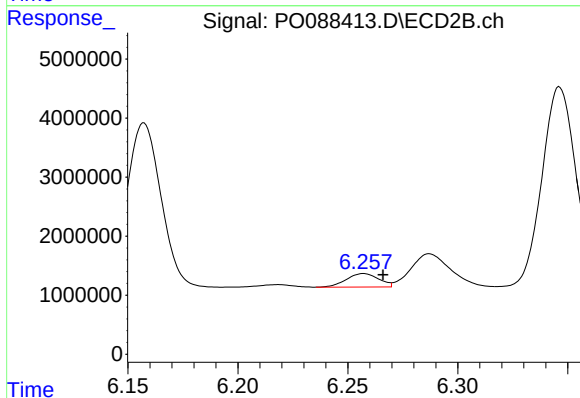
R.T.: 6.043 min
Delta R.T.: 0.006 min
Response: 21711651
Conc: 267.55 ng/ml



#29 AR-1254-4

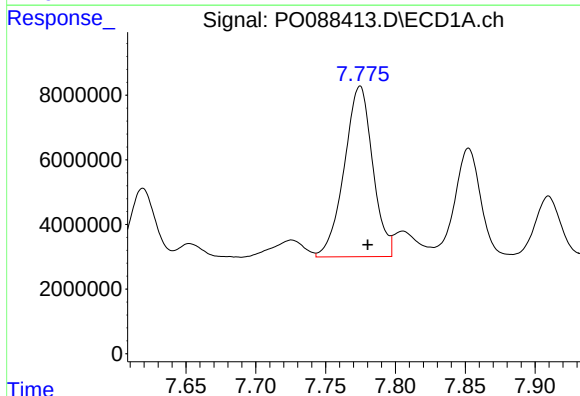
R.T.: 7.355 min
Delta R.T.: -0.004 min
Response: 8714697
Conc: 80.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



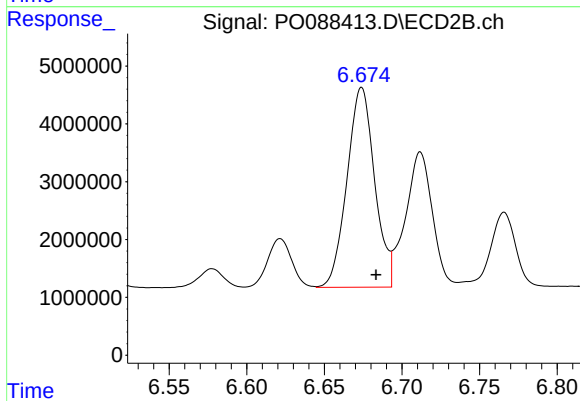
#29 AR-1254-4

R.T.: 6.257 min
Delta R.T.: -0.009 min
Response: 2339058
Conc: 46.90 ng/ml



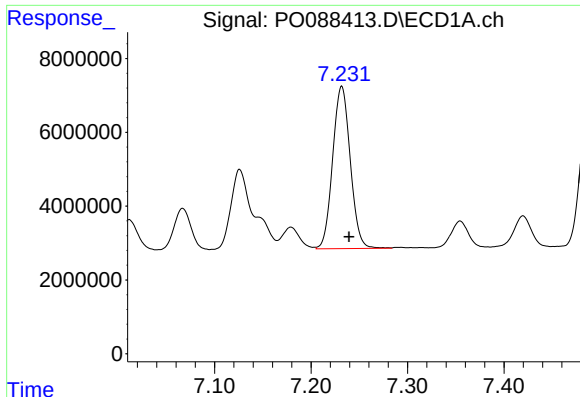
#30 AR-1254-5

R.T.: 7.775 min
Delta R.T.: -0.006 min
Response: 74957437
Conc: 622.81 ng/ml



#30 AR-1254-5

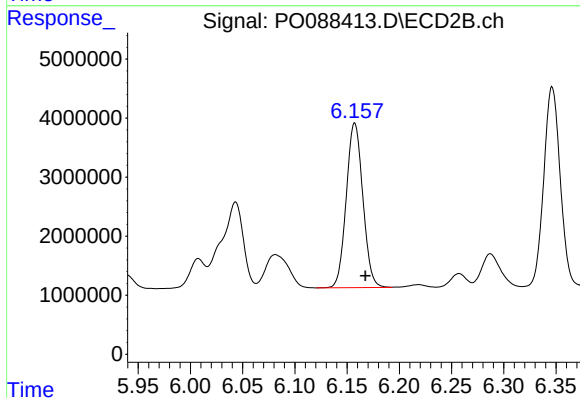
R.T.: 6.674 min
Delta R.T.: -0.009 min
Response: 42899873
Conc: 568.02 ng/ml



#31 AR-1260-1

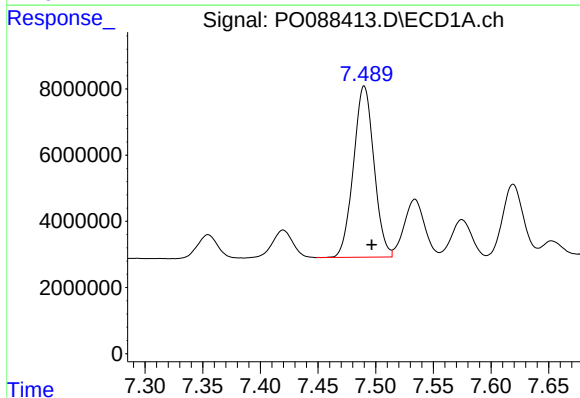
R.T.: 7.232 min
Delta R.T.: -0.008 min
Response: 55562943
Conc: 477.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



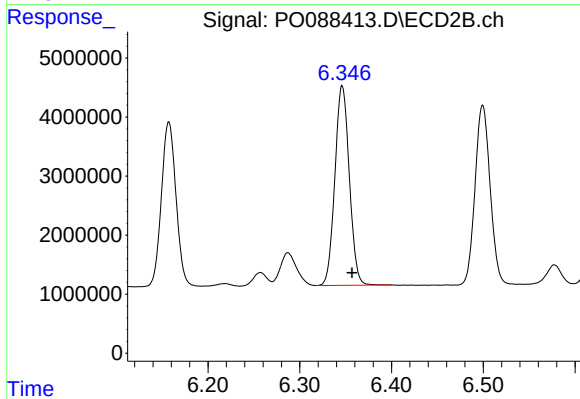
#31 AR-1260-1

R.T.: 6.157 min
Delta R.T.: -0.010 min
Response: 30827778
Conc: 568.80 ng/ml



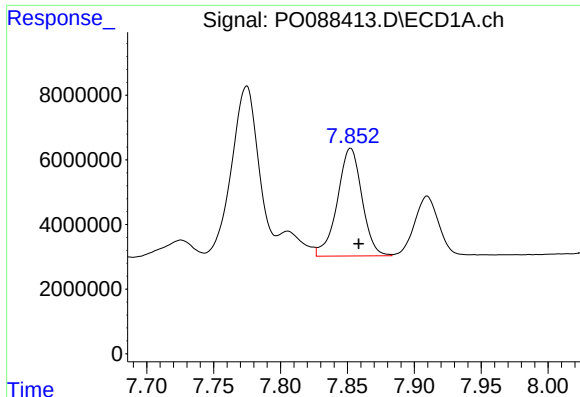
#32 AR-1260-2

R.T.: 7.490 min
Delta R.T.: -0.006 min
Response: 63903781
Conc: 472.96 ng/ml



#32 AR-1260-2

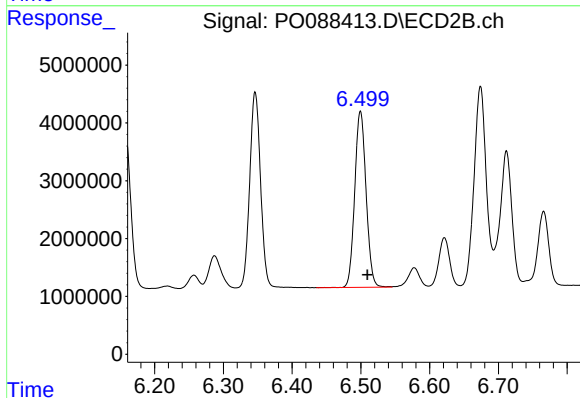
R.T.: 6.346 min
Delta R.T.: -0.011 min
Response: 36965980
Conc: 569.30 ng/ml



#33 AR-1260-3

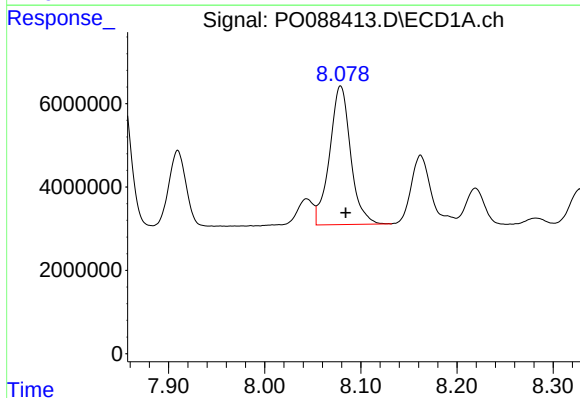
R.T.: 7.852 min
Delta R.T.: -0.006 min
Response: 42802508
Conc: 467.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



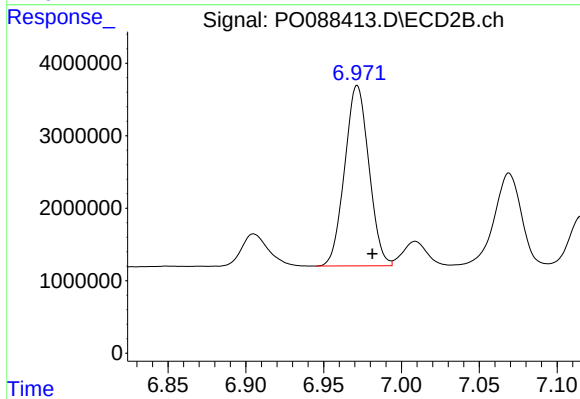
#33 AR-1260-3

R.T.: 6.499 min
Delta R.T.: -0.010 min
Response: 34889729
Conc: 560.91 ng/ml



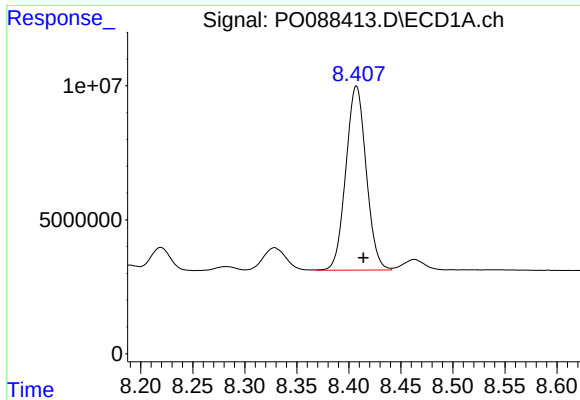
#34 AR-1260-4

R.T.: 8.079 min
Delta R.T.: -0.006 min
Response: 50521612
Conc: 467.69 ng/ml



#34 AR-1260-4

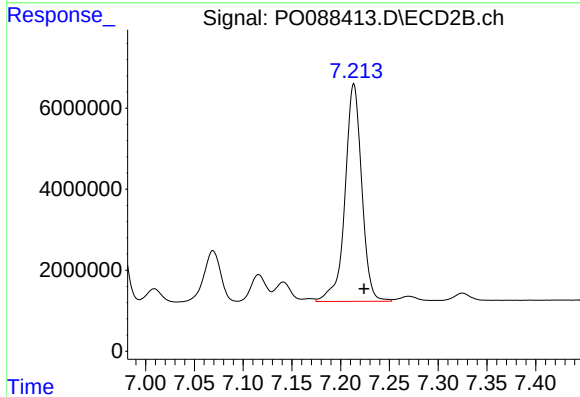
R.T.: 6.972 min
Delta R.T.: -0.010 min
Response: 26928476
Conc: 569.31 ng/ml



#35 AR-1260-5

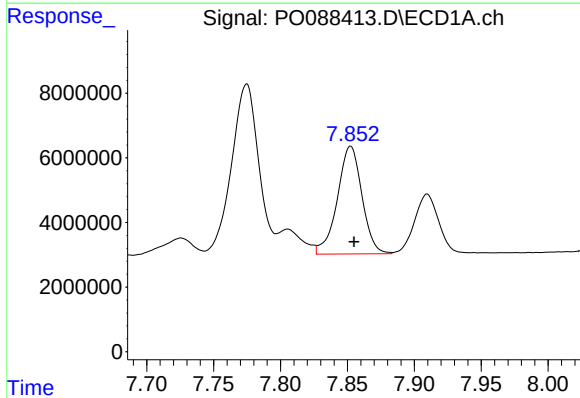
R.T.: 8.407 min
Delta R.T.: -0.007 min
Response: 93482116
Conc: 455.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



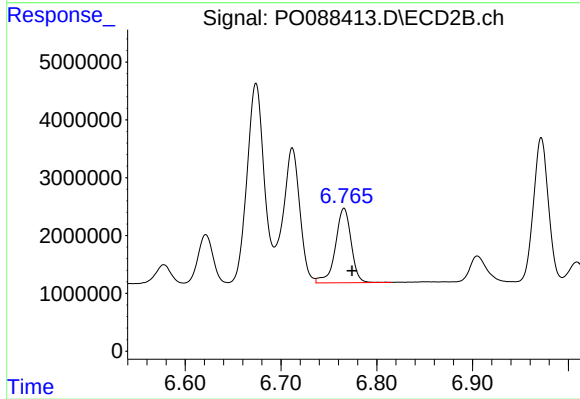
#35 AR-1260-5

R.T.: 7.214 min
Delta R.T.: -0.010 min
Response: 64081952
Conc: 560.07 ng/ml



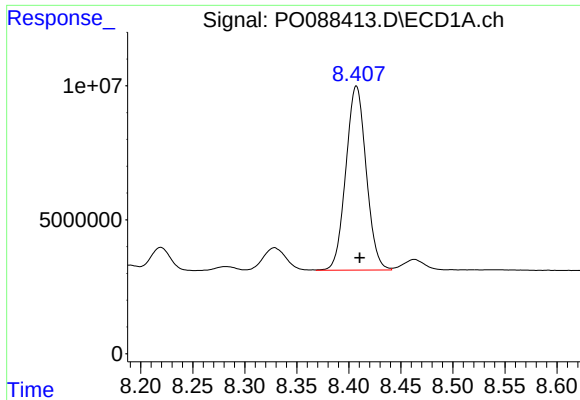
#36 AR-1262-1

R.T.: 7.852 min
Delta R.T.: -0.003 min
Response: 42802508
Conc: 311.59 ng/ml



#36 AR-1262-1

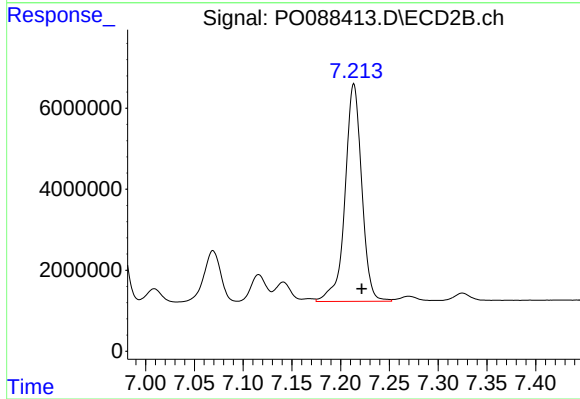
R.T.: 6.766 min
Delta R.T.: -0.008 min
Response: 14694218
Conc: 484.81 ng/ml



#37 AR-1262-2

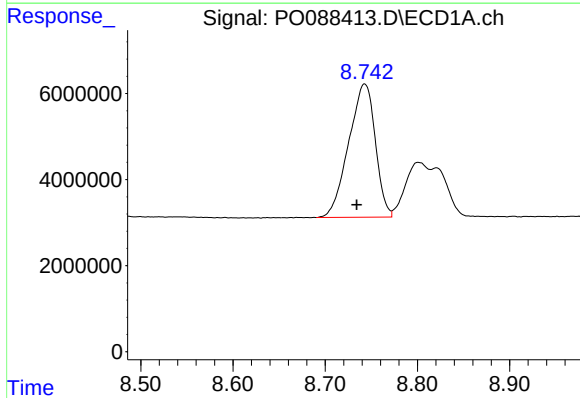
R.T.: 8.407 min
Delta R.T.: -0.003 min
Response: 93482116
Conc: 397.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



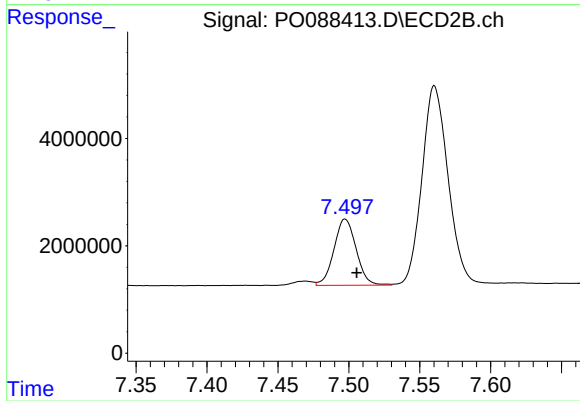
#37 AR-1262-2

R.T.: 7.214 min
Delta R.T.: -0.008 min
Response: 64081952
Conc: 476.93 ng/ml



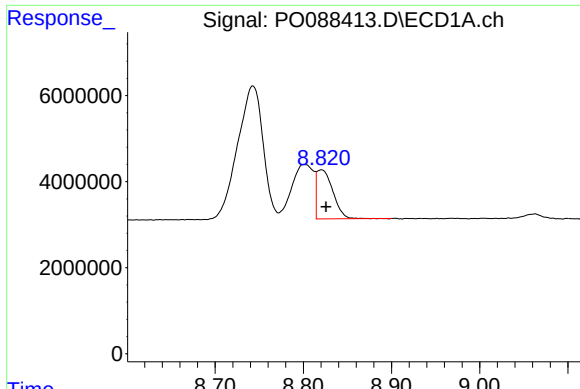
#38 AR-1262-3

R.T.: 8.743 min
Delta R.T.: 0.009 min
Response: 62299750
Conc: 375.89 ng/ml



#38 AR-1262-3

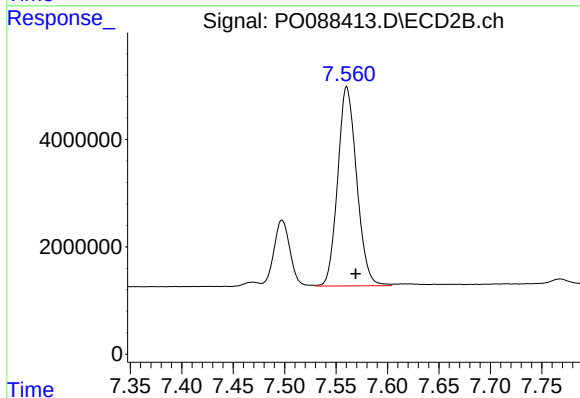
R.T.: 7.497 min
Delta R.T.: -0.008 min
Response: 13426733
Conc: 246.20 ng/ml



#39 AR-1262-4

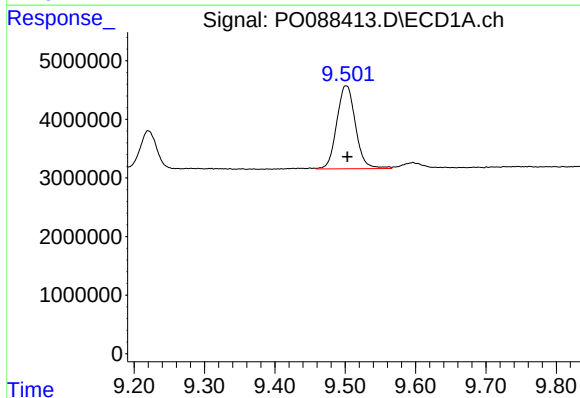
R.T.: 8.821 min
Delta R.T.: -0.005 min
Response: 14464377
Conc: 173.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



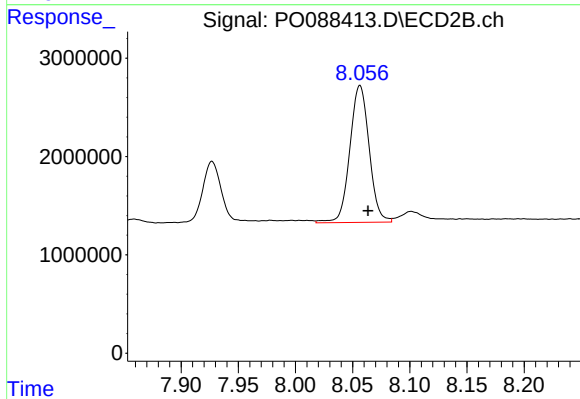
#39 AR-1262-4

R.T.: 7.560 min
Delta R.T.: -0.009 min
Response: 47695810
Conc: 471.47 ng/ml



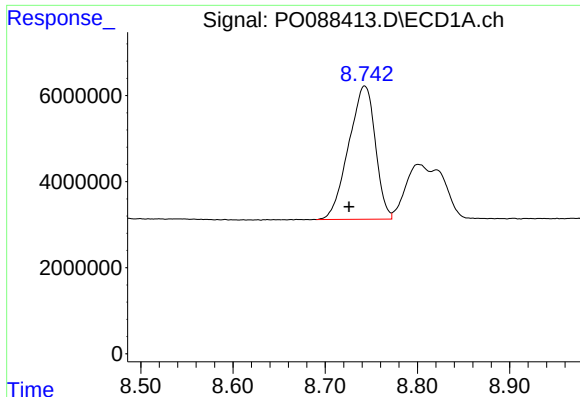
#40 AR-1262-5

R.T.: 9.501 min
Delta R.T.: -0.002 min
Response: 26207717
Conc: 294.07 ng/ml



#40 AR-1262-5

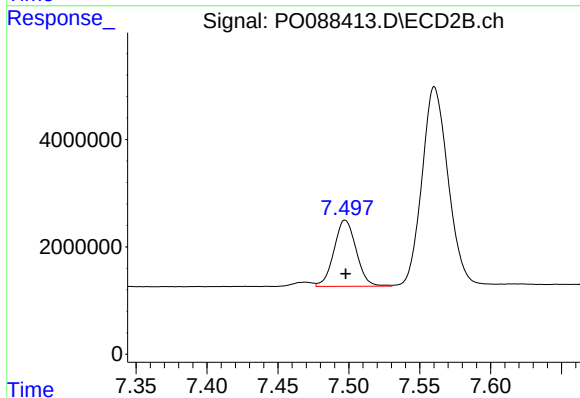
R.T.: 8.056 min
Delta R.T.: -0.007 min
Response: 16413588
Conc: 334.19 ng/ml



#41 AR-1268-1

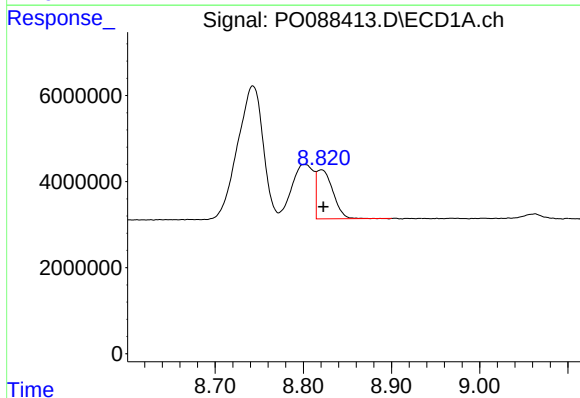
R.T.: 8.743 min
Delta R.T.: 0.017 min
Response: 62299750
Conc: 247.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



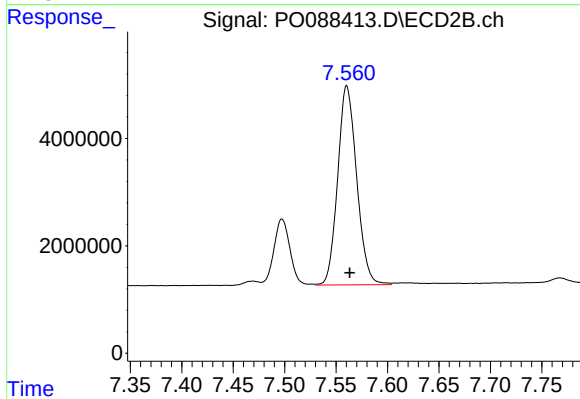
#41 AR-1268-1

R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 13426733
Conc: 81.48 ng/ml



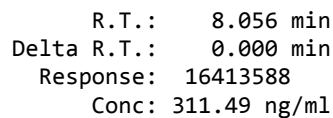
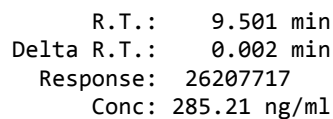
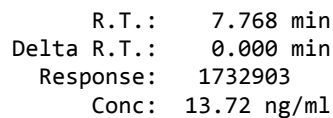
#42 AR-1268-2

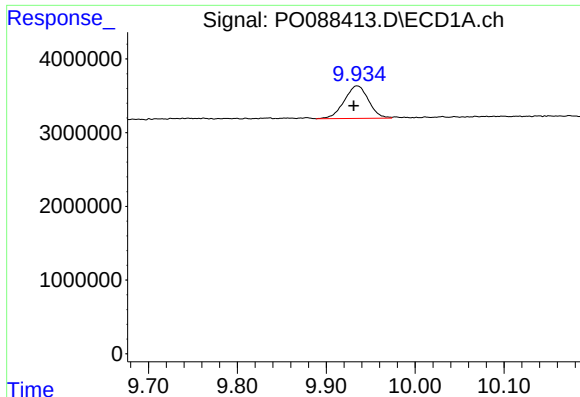
R.T.: 8.821 min
Delta R.T.: -0.002 min
Response: 14464377
Conc: 62.40 ng/ml



#42 AR-1268-2

R.T.: 7.560 min
Delta R.T.: -0.003 min
Response: 47695810
Conc: 318.19 ng/ml

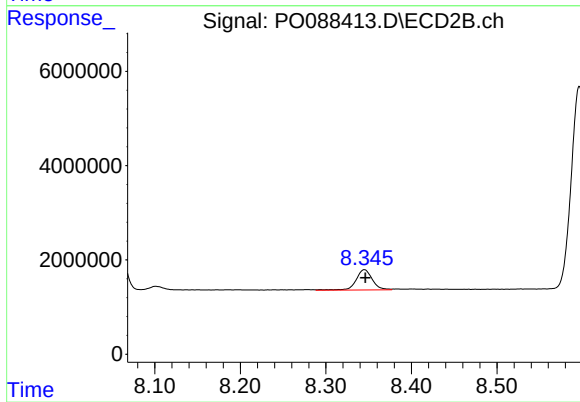




#45 AR-1268-5

R.T.: 9.935 min
Delta R.T.: 0.004 min
Response: 8384344
Conc: 12.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.345 min
Delta R.T.: -0.001 min
Response: 5676485
Conc: 14.76 ng/ml