

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072721\
 Data File : PQ054086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2021 16:01
 Operator : AJ\MA
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12423109

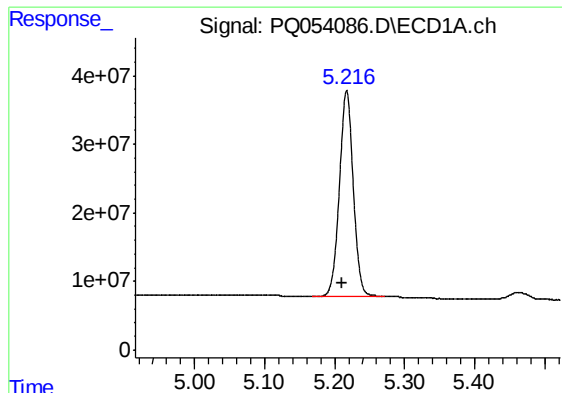
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 01:34:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 08 09:32:57 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.217	4.213	411.2E6	243.3E6	17.231	19.693
2)	SA Decachlor...	11.413	9.566	608.6E6	460.2E6	36.716	39.072
Target Compounds							
3)	L1 AR-1016-1	6.543	5.474	180.5E6	111.2E6	242.102	270.171
4)	L1 AR-1016-2	6.567	5.494	276.5E6	178.5E6	241.657	276.274
5)	L1 AR-1016-3	6.634	5.688	171.6E6	88765221	246.826	275.993
6)	L1 AR-1016-4	6.742	5.738	139.2E6	72225191	246.938	281.078
7)	L1 AR-1016-5	7.056	5.969	136.5E6	94150922	252.833	289.699
8)	L2 AR-1221-1	5.464	4.469	19676436	11329198	81.139	90.438
9)	L2 AR-1221-2	5.568	4.571	26687520	14919778	160.974	174.249
10)	L2 AR-1221-3	5.656	4.660	103.6E6	63083032	189.275	207.877
11)	L3 AR-1232-1	5.656	4.660	103.6E6	63083032	232.429	257.975
12)	L3 AR-1232-2	6.247	5.494	139.4E6	178.5E6	569.844	645.619
13)	L3 AR-1232-3	6.567	5.688	276.5E6	88765221	581.958	671.239
14)	L3 AR-1232-4	6.742	5.783	139.2E6	87647206	606.571	779.402 #
15)	L3 AR-1232-5	6.835	5.969	113.8E6	94150922	678.867	771.960
16)	L4 AR-1242-1	6.543	5.474	180.5E6	111.2E6	343.478	389.936
17)	L4 AR-1242-2	6.567	5.494	276.5E6	178.5E6	348.108	405.234
18)	L4 AR-1242-3	6.634	5.688	171.6E6	88765221	355.498	394.788
19)	L4 AR-1242-4	6.742	5.783	139.2E6	87647206	355.352	408.367
20)	L4 AR-1242-5	7.525	6.349	145.6E6	115.8E6	352.586	399.793
21)	L5 AR-1248-1	6.543	5.474	180.5E6	111.2E6	423.961	476.069
22)	L5 AR-1248-2	6.835	5.738	113.8E6	72225191	186.821	212.914
23)	L5 AR-1248-3	7.056	5.783	136.5E6	87647206	199.208	249.816 #
24)	L5 AR-1248-4	7.485	5.969	137.6E6	94150922	177.276	225.299 #
25)	L5 AR-1248-5	7.525	6.392	145.6E6	96339475	188.943	221.872
26)	L6 AR-1254-1	7.455	6.349	101.4E6	115.8E6	168.183	218.922 #
27)	L6 AR-1254-2	7.691	6.508	121.4E6	28678248	131.669	61.197 #
28)	L6 AR-1254-3	8.067	6.930	48542487	34648440	48.900	46.617
29)	L6 AR-1254-4	8.363	7.170	36225435	32321082	50.049	63.748 #
30)	L6 AR-1254-5	8.792	7.599	7611698	8414816	10.129	12.392
31)	L7 AR-1260-1	8.200	7.079	17462363	21074044	19.679	32.393 #
32)	L7 AR-1260-2	8.493	7.264	9421548	7218507	8.658	7.979
33)	L7 AR-1260-3	8.792	7.418	7611698	4376873	6.085	5.806
34)	L7 AR-1260-4	0.000	7.942f	0	2982076	N.D.	4.584 #
36)	L8 AR-1262-1	8.792f	7.599	7611698	8414816	5.717	15.019 #
43)	L9 AR-1268-3	0.000	8.717	0	9682268	N.D.	4.122 #
45)	L9 AR-1268-5	0.000	9.308	0	2697774	N.D.	0.412 #

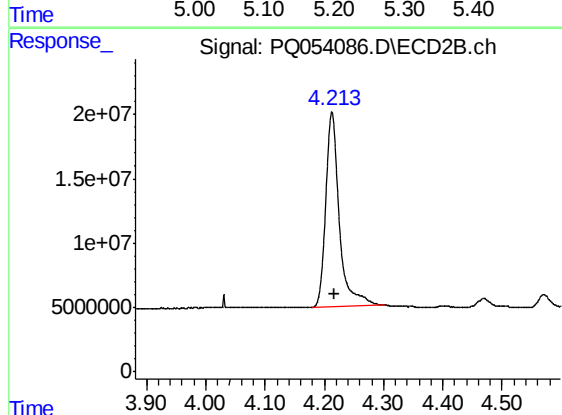
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

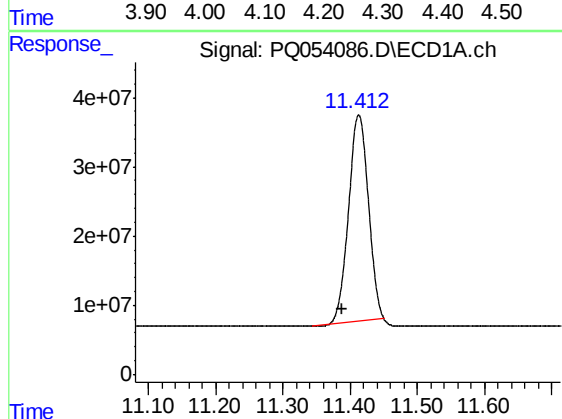
R.T.: 5.217 min
Delta R.T.: 0.007 min
Response: 411160784
Conc: 17.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



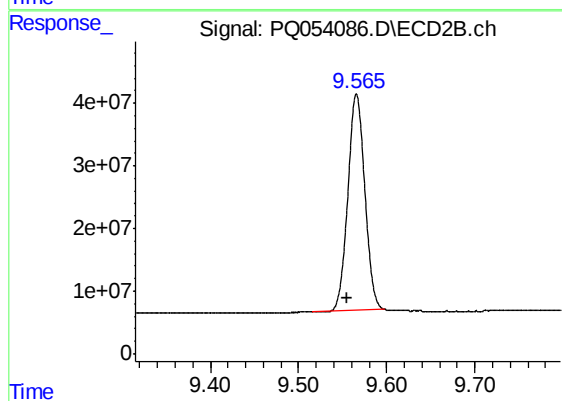
#1 Tetrachloro-m-xylene

R.T.: 4.213 min
Delta R.T.: -0.005 min
Response: 243335781
Conc: 19.69 ng/ml



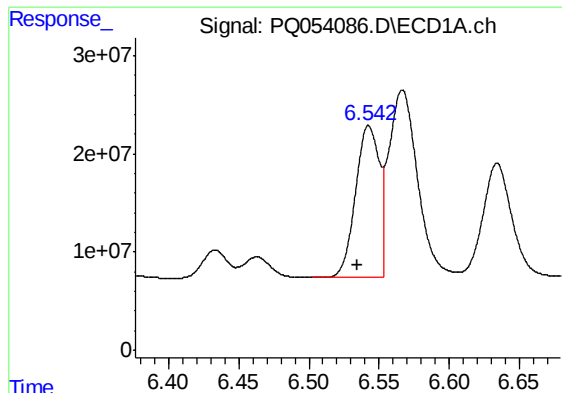
#2 Decachlorobiphenyl

R.T.: 11.413 min
Delta R.T.: 0.025 min
Response: 608618404
Conc: 36.72 ng/ml



#2 Decachlorobiphenyl

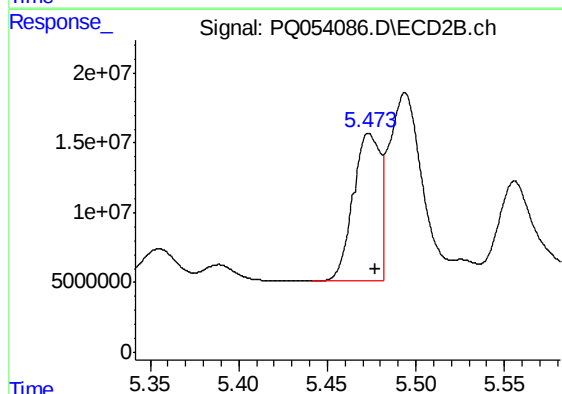
R.T.: 9.566 min
Delta R.T.: 0.010 min
Response: 460196398
Conc: 39.07 ng/ml



#3 AR-1016-1

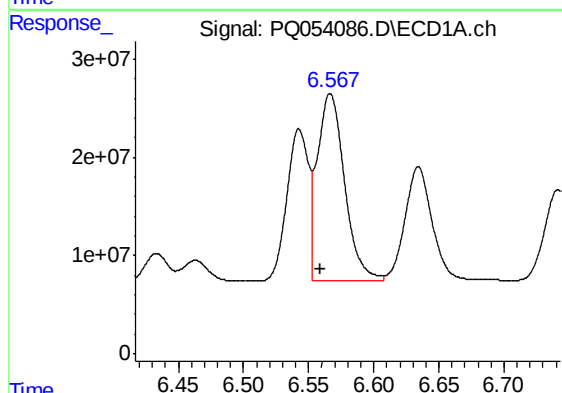
R.T.: 6.543 min
Delta R.T.: 0.008 min
Response: 180464886
Conc: 242.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



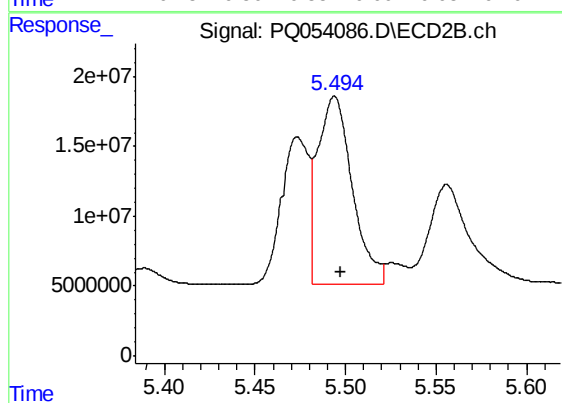
#3 AR-1016-1

R.T.: 5.474 min
Delta R.T.: -0.004 min
Response: 111185064
Conc: 270.17 ng/ml



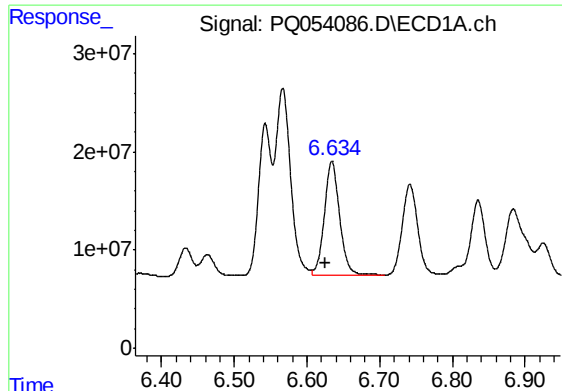
#4 AR-1016-2

R.T.: 6.567 min
Delta R.T.: 0.008 min
Response: 276523570
Conc: 241.66 ng/ml



#4 AR-1016-2

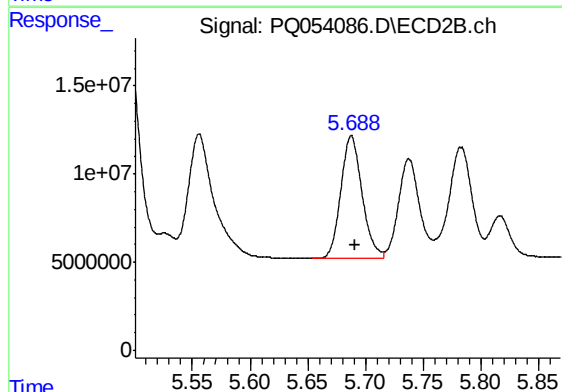
R.T.: 5.494 min
Delta R.T.: -0.003 min
Response: 178500449
Conc: 276.27 ng/ml



#5 AR-1016-3

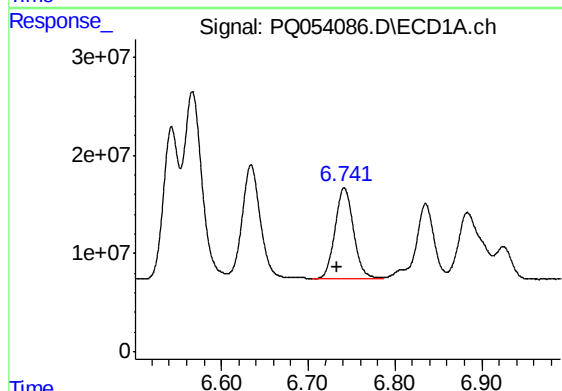
R.T.: 6.634 min
Delta R.T.: 0.009 min
Response: 171575756
Conc: 246.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



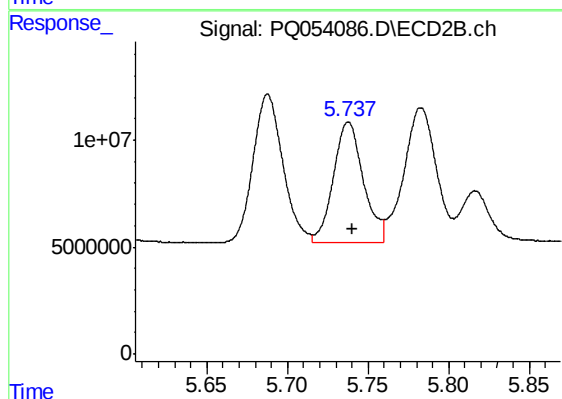
#5 AR-1016-3

R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 88765221
Conc: 275.99 ng/ml



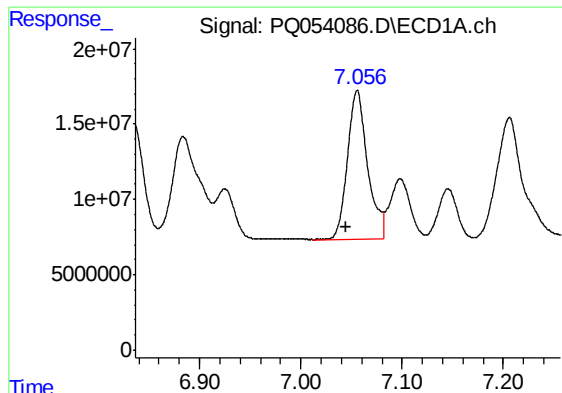
#6 AR-1016-4

R.T.: 6.742 min
Delta R.T.: 0.009 min
Response: 139213368
Conc: 246.94 ng/ml



#6 AR-1016-4

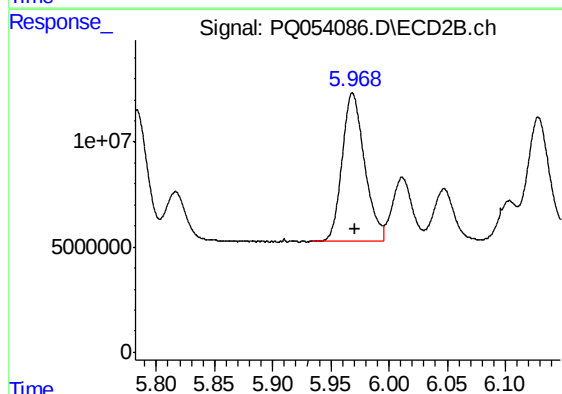
R.T.: 5.738 min
Delta R.T.: -0.002 min
Response: 72225191
Conc: 281.08 ng/ml



#7 AR-1016-5

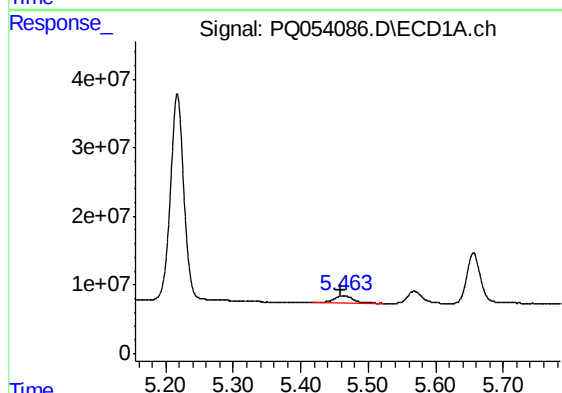
R.T.: 7.056 min
Delta R.T.: 0.011 min
Response: 136478806
Conc: 252.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



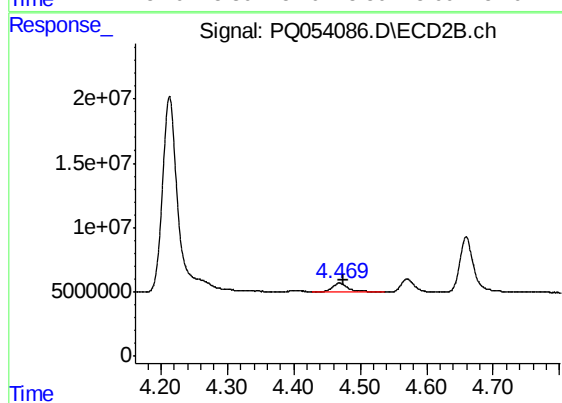
#7 AR-1016-5

R.T.: 5.969 min
Delta R.T.: -0.002 min
Response: 94150922
Conc: 289.70 ng/ml



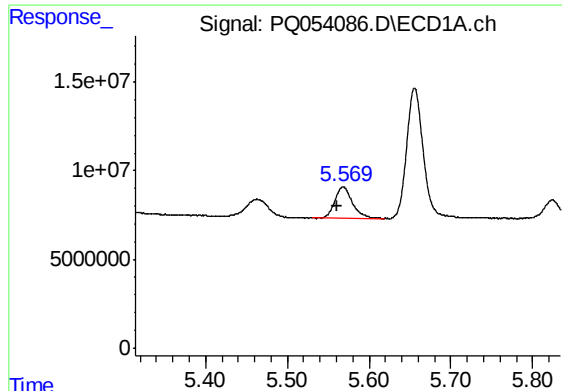
#8 AR-1221-1

R.T.: 5.464 min
Delta R.T.: 0.003 min
Response: 19676436
Conc: 81.14 ng/ml



#8 AR-1221-1

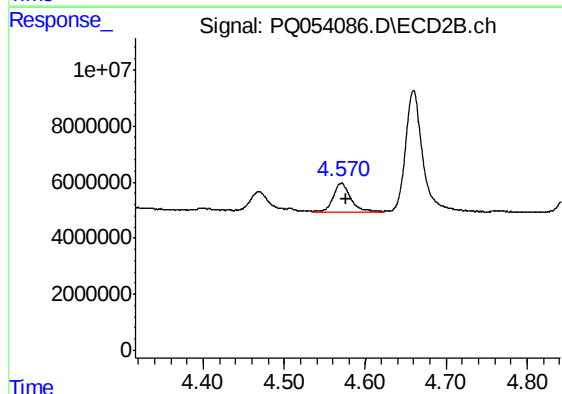
R.T.: 4.469 min
Delta R.T.: -0.006 min
Response: 11329198
Conc: 90.44 ng/ml



#9 AR-1221-2

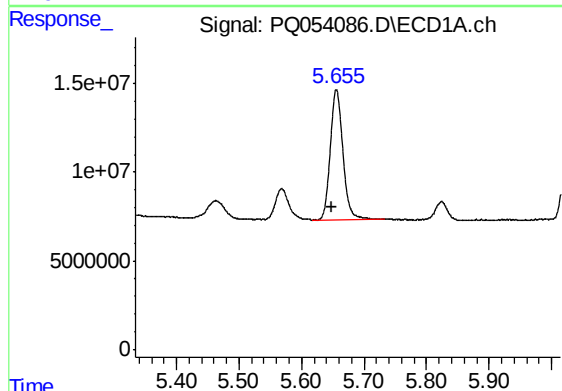
R.T.: 5.568 min
Delta R.T.: 0.008 min
Response: 26687520
Conc: 160.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



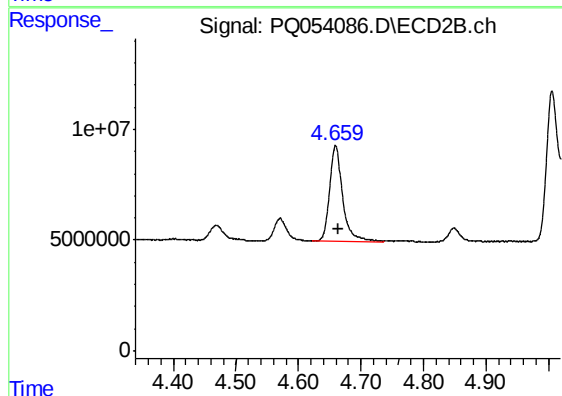
#9 AR-1221-2

R.T.: 4.571 min
Delta R.T.: -0.006 min
Response: 14919778
Conc: 174.25 ng/ml



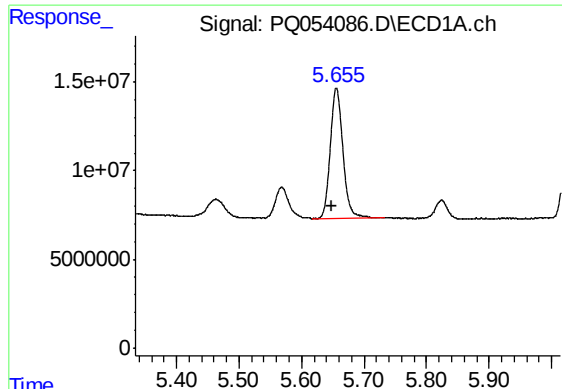
#10 AR-1221-3

R.T.: 5.656 min
Delta R.T.: 0.008 min
Response: 103641350
Conc: 189.28 ng/ml



#10 AR-1221-3

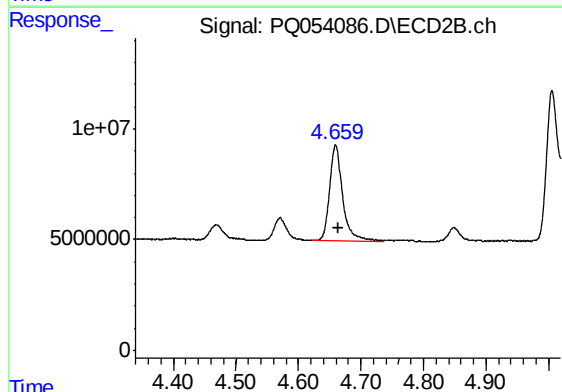
R.T.: 4.660 min
Delta R.T.: -0.005 min
Response: 63083032
Conc: 207.88 ng/ml



#11 AR-1232-1

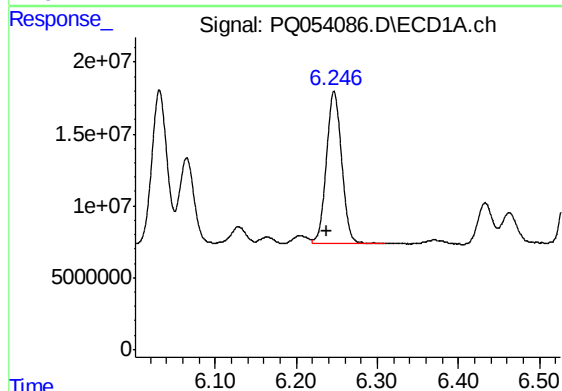
R.T.: 5.656 min
Delta R.T.: 0.008 min
Response: 103641350
Conc: 232.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



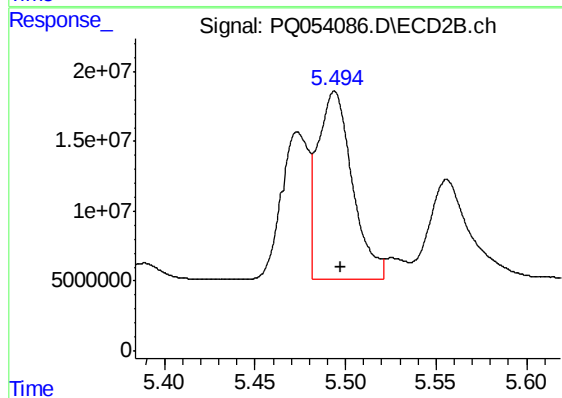
#11 AR-1232-1

R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 63083032
Conc: 257.98 ng/ml



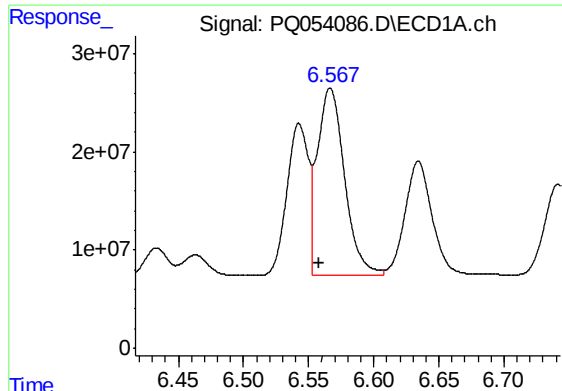
#12 AR-1232-2

R.T.: 6.247 min
Delta R.T.: 0.008 min
Response: 139393490
Conc: 569.84 ng/ml



#12 AR-1232-2

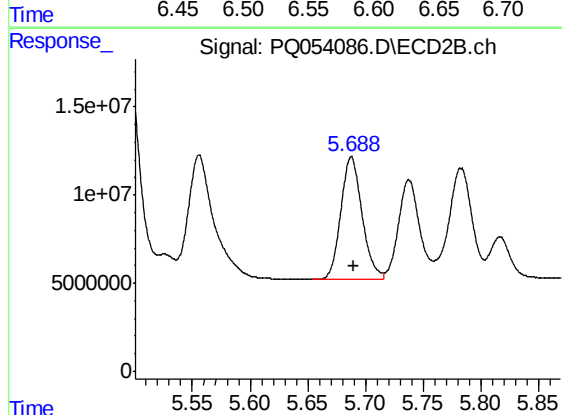
R.T.: 5.494 min
Delta R.T.: -0.003 min
Response: 178500449
Conc: 645.62 ng/ml



#13 AR-1232-3

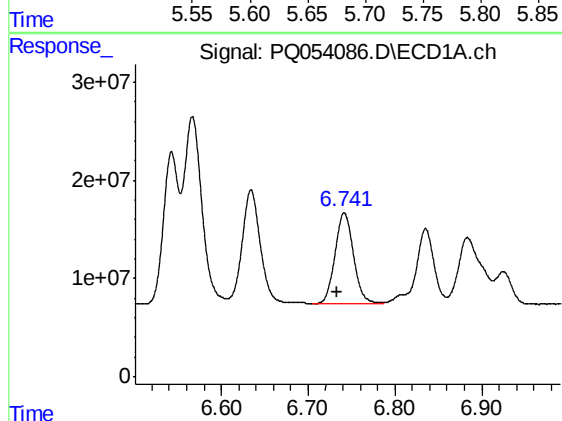
R.T.: 6.567 min
Delta R.T.: 0.008 min
Response: 276523570
Conc: 581.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



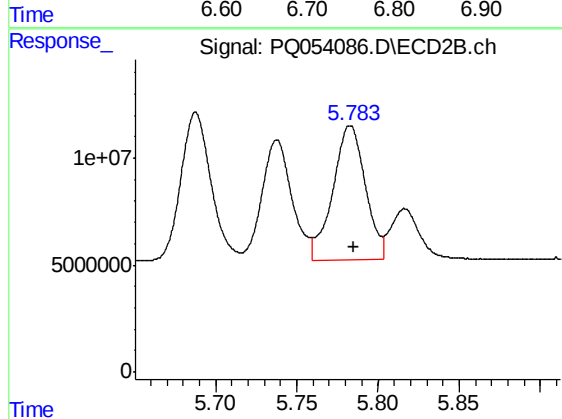
#13 AR-1232-3

R.T.: 5.688 min
Delta R.T.: -0.002 min
Response: 88765221
Conc: 671.24 ng/ml



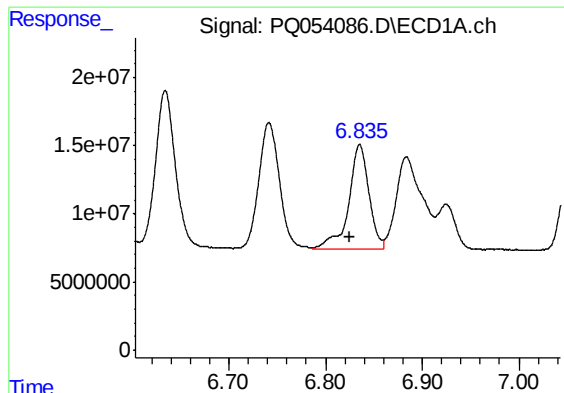
#14 AR-1232-4

R.T.: 6.742 min
Delta R.T.: 0.009 min
Response: 139213368
Conc: 606.57 ng/ml



#14 AR-1232-4

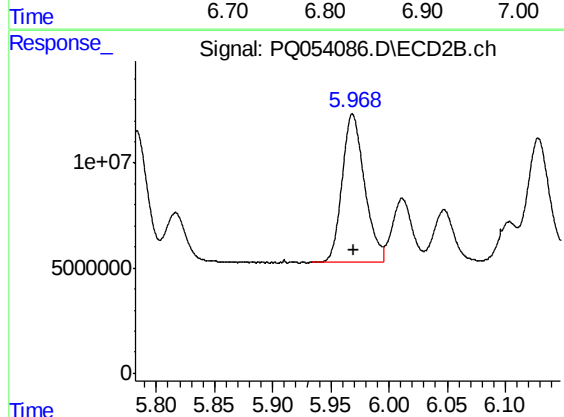
R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 87647206
Conc: 779.40 ng/ml



#15 AR-1232-5

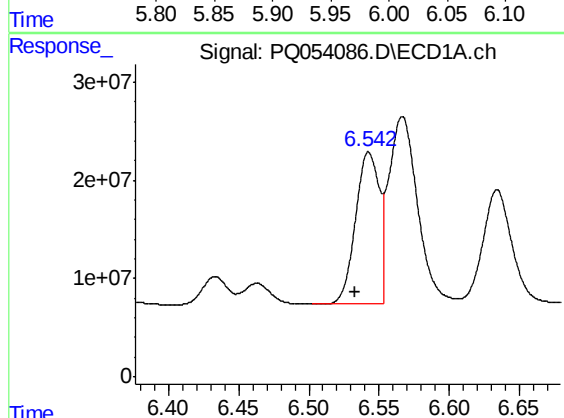
R.T.: 6.835 min
Delta R.T.: 0.011 min
Response: 113837644
Conc: 678.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



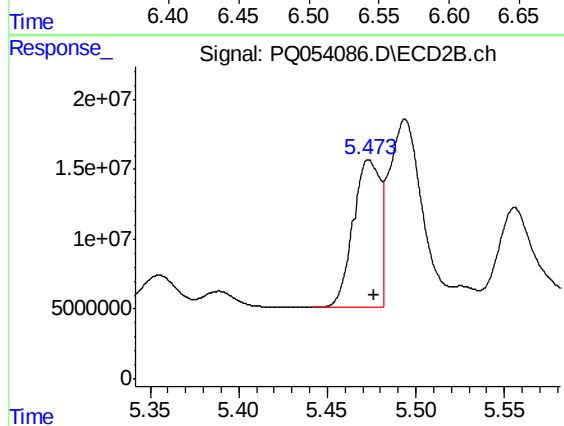
#15 AR-1232-5

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 94150922
Conc: 771.96 ng/ml



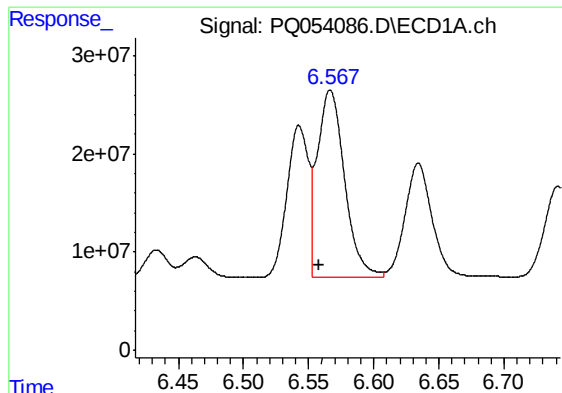
#16 AR-1242-1

R.T.: 6.543 min
Delta R.T.: 0.010 min
Response: 180464886
Conc: 343.48 ng/ml



#16 AR-1242-1

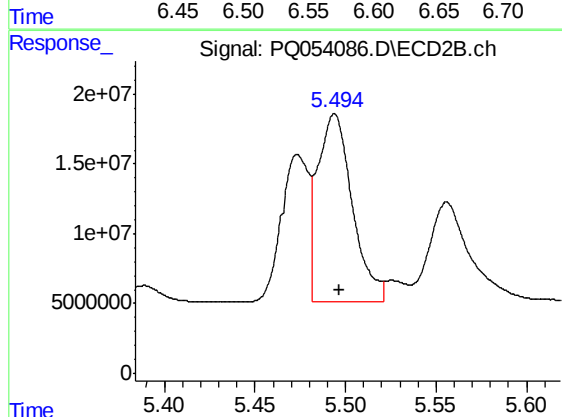
R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 111185064
Conc: 389.94 ng/ml



#17 AR-1242-2

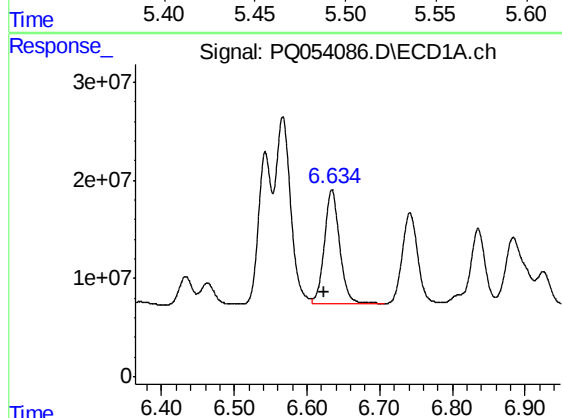
R.T.: 6.567 min
Delta R.T.: 0.009 min
Response: 276523570
Conc: 348.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



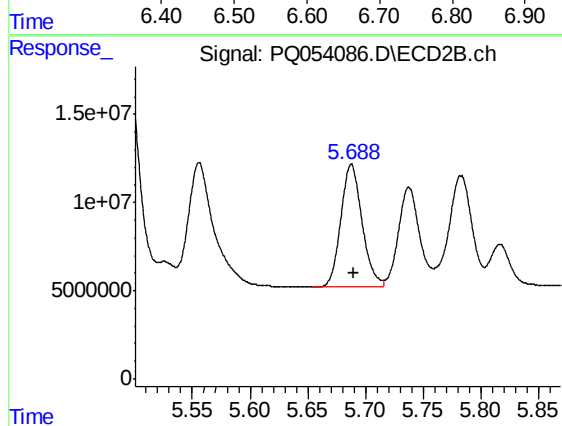
#17 AR-1242-2

R.T.: 5.494 min
Delta R.T.: -0.003 min
Response: 178500449
Conc: 405.23 ng/ml



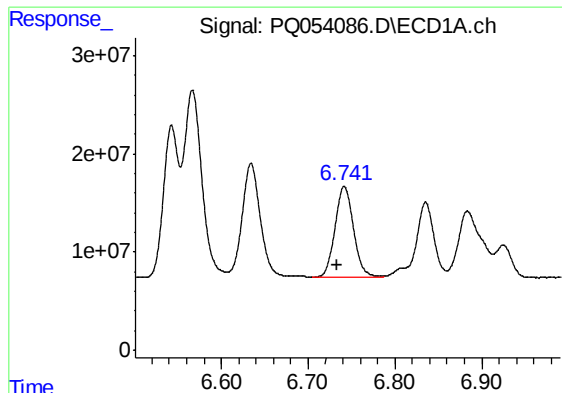
#18 AR-1242-3

R.T.: 6.634 min
Delta R.T.: 0.010 min
Response: 171575756
Conc: 355.50 ng/ml



#18 AR-1242-3

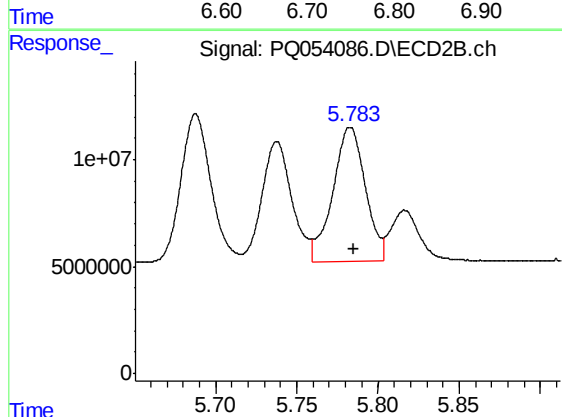
R.T.: 5.688 min
Delta R.T.: -0.002 min
Response: 88765221
Conc: 394.79 ng/ml



#19 AR-1242-4

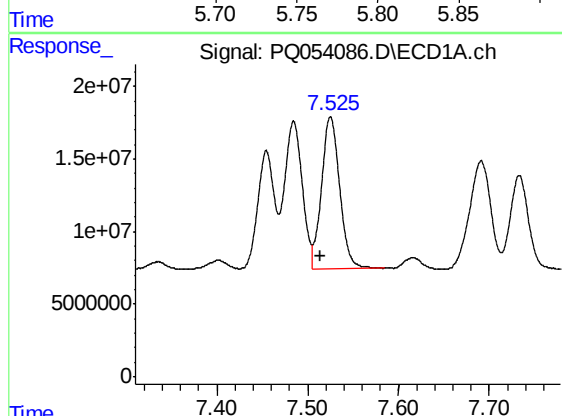
R.T.: 6.742 min
Delta R.T.: 0.009 min
Response: 139213368
Conc: 355.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



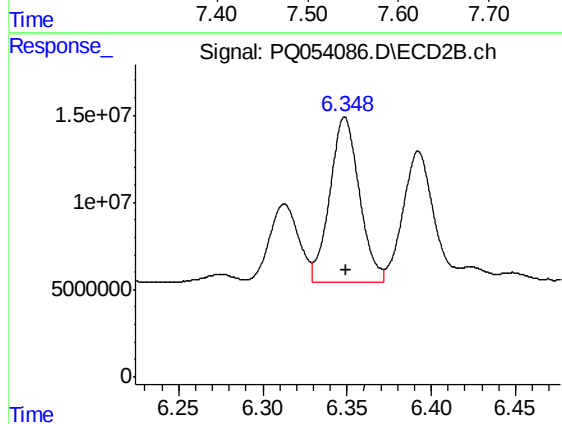
#19 AR-1242-4

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 87647206
Conc: 408.37 ng/ml



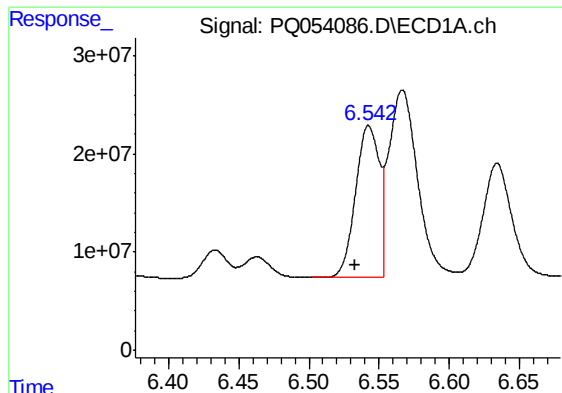
#20 AR-1242-5

R.T.: 7.525 min
Delta R.T.: 0.012 min
Response: 145642843
Conc: 352.59 ng/ml



#20 AR-1242-5

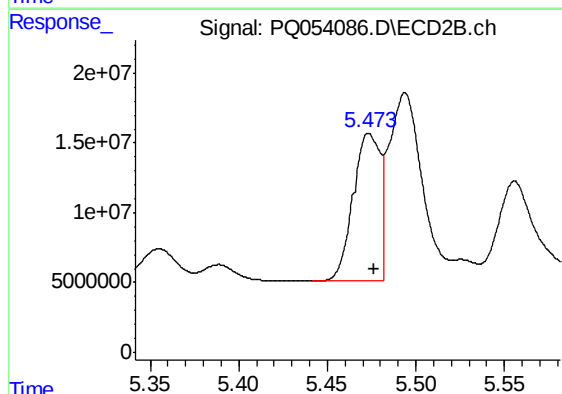
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 115817480
Conc: 399.79 ng/ml



#21 AR-1248-1

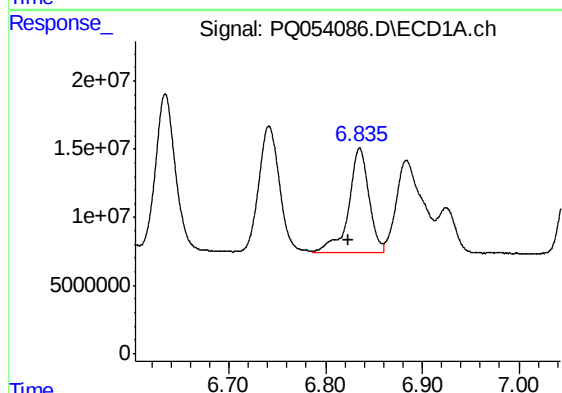
R.T.: 6.543 min
Delta R.T.: 0.010 min
Response: 180464886
Conc: 423.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



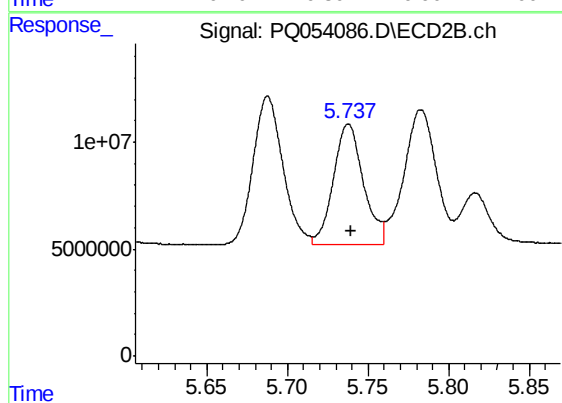
#21 AR-1248-1

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 111185064
Conc: 476.07 ng/ml



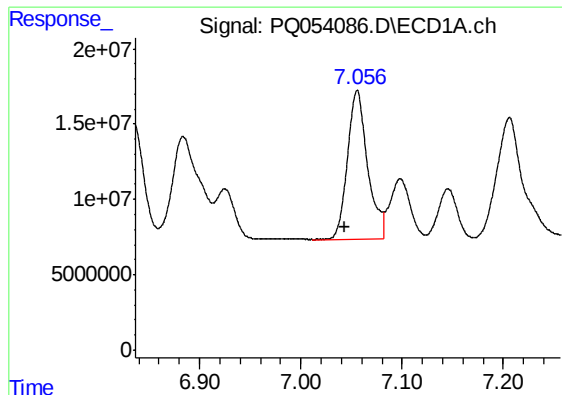
#22 AR-1248-2

R.T.: 6.835 min
Delta R.T.: 0.011 min
Response: 113837644
Conc: 186.82 ng/ml



#22 AR-1248-2

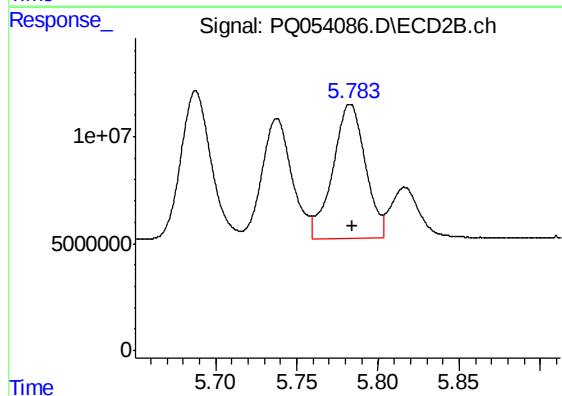
R.T.: 5.738 min
Delta R.T.: -0.002 min
Response: 72225191
Conc: 212.91 ng/ml



#23 AR-1248-3

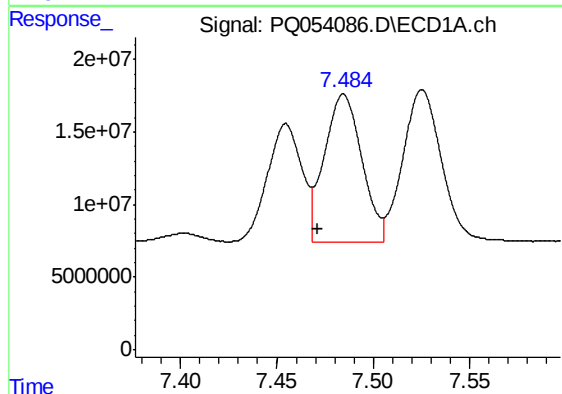
R.T.: 7.056 min
Delta R.T.: 0.012 min
Response: 136478806
Conc: 199.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



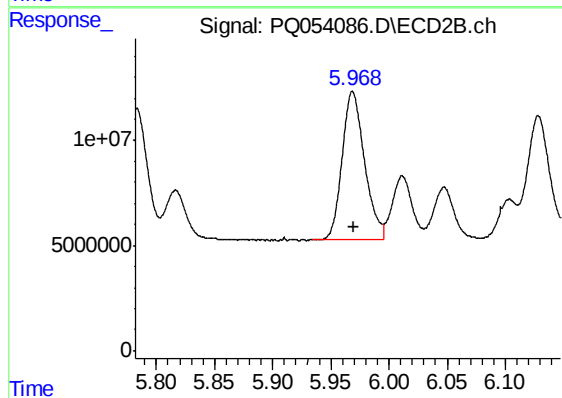
#23 AR-1248-3

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 87647206
Conc: 249.82 ng/ml



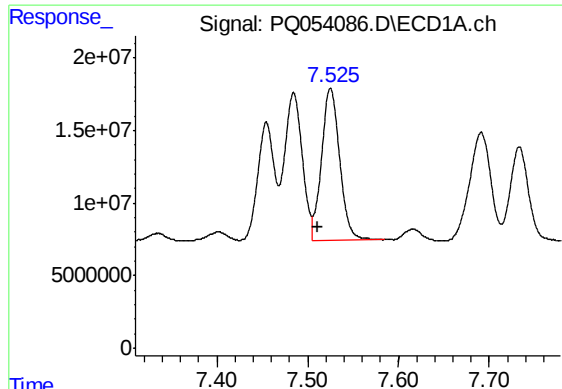
#24 AR-1248-4

R.T.: 7.485 min
Delta R.T.: 0.013 min
Response: 137647394
Conc: 177.28 ng/ml



#24 AR-1248-4

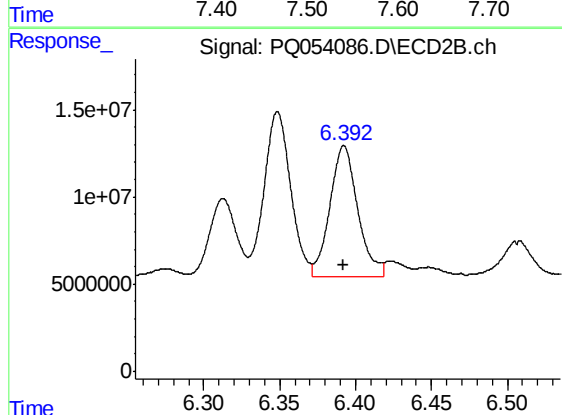
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 94150922
Conc: 225.30 ng/ml



#25 AR-1248-5

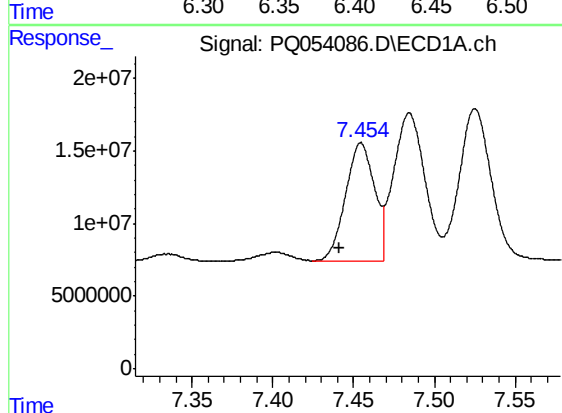
R.T.: 7.525 min
Delta R.T.: 0.013 min
Response: 145642843
Conc: 188.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



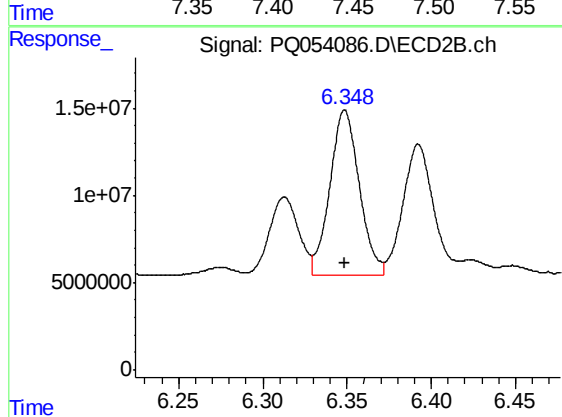
#25 AR-1248-5

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 96339475
Conc: 221.87 ng/ml



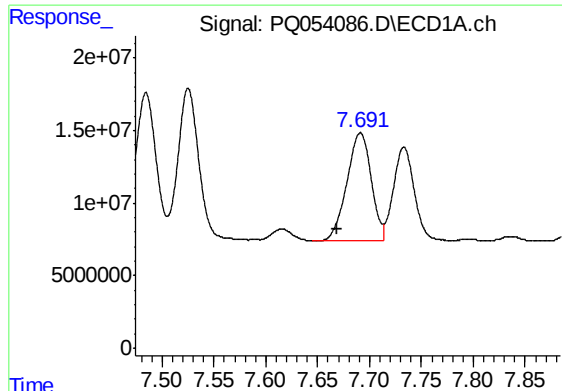
#26 AR-1254-1

R.T.: 7.455 min
Delta R.T.: 0.013 min
Response: 101415756
Conc: 168.18 ng/ml



#26 AR-1254-1

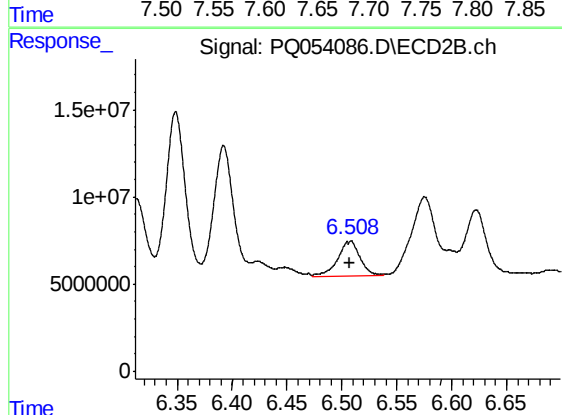
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 115817480
Conc: 218.92 ng/ml



#27 AR-1254-2

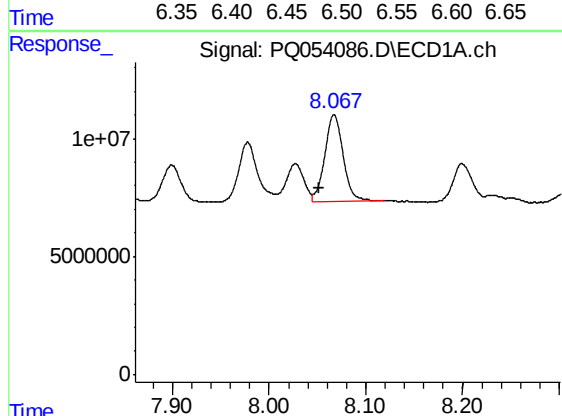
R.T.: 7.691 min
Delta R.T.: 0.023 min
Response: 121381767
Conc: 131.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



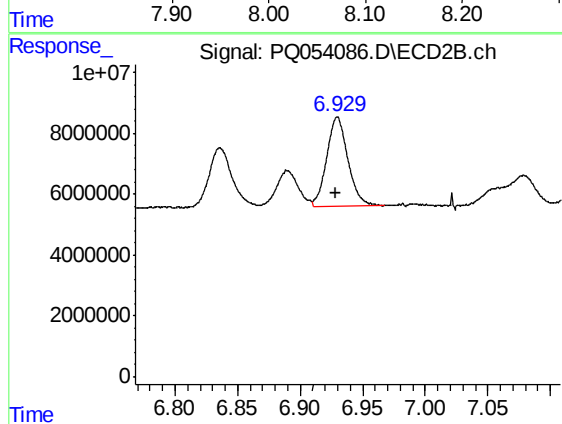
#27 AR-1254-2

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 28678248
Conc: 61.20 ng/ml



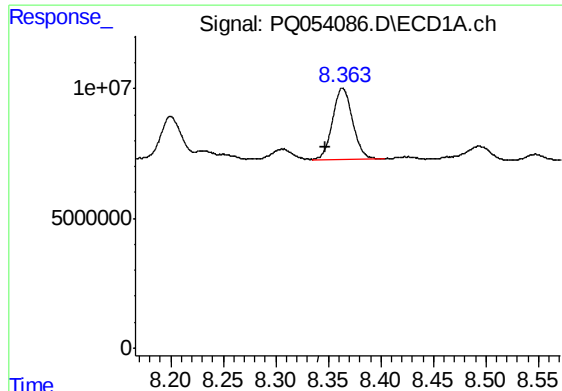
#28 AR-1254-3

R.T.: 8.067 min
Delta R.T.: 0.015 min
Response: 48542487
Conc: 48.90 ng/ml



#28 AR-1254-3

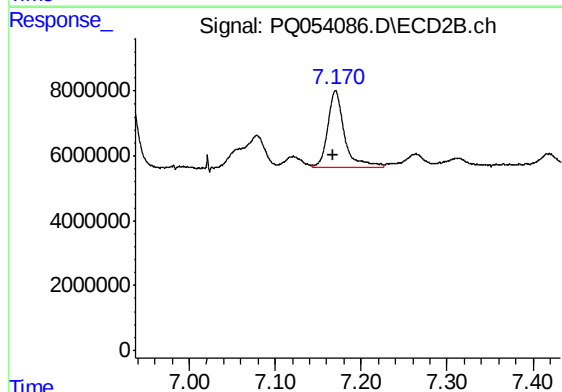
R.T.: 6.930 min
Delta R.T.: 0.002 min
Response: 34648440
Conc: 46.62 ng/ml



#29 AR-1254-4

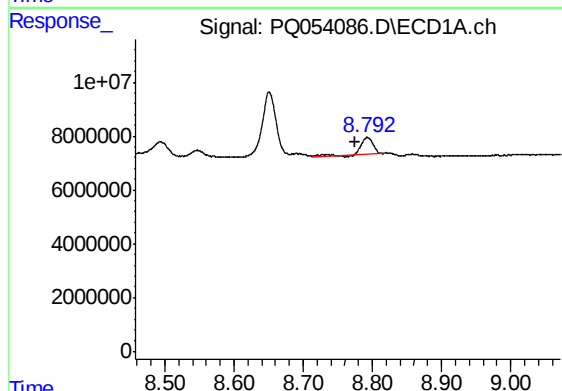
R.T.: 8.363 min
Delta R.T.: 0.016 min
Response: 36225435
Conc: 50.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



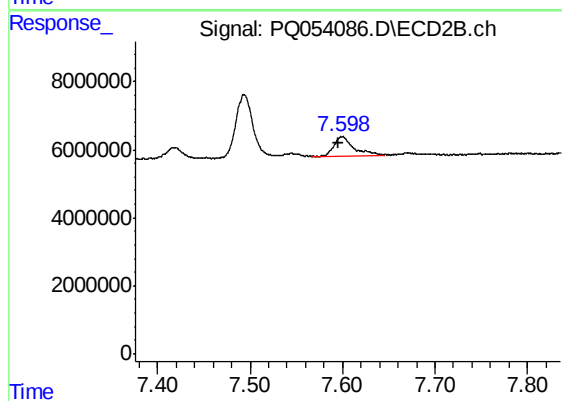
#29 AR-1254-4

R.T.: 7.170 min
Delta R.T.: 0.003 min
Response: 32321082
Conc: 63.75 ng/ml



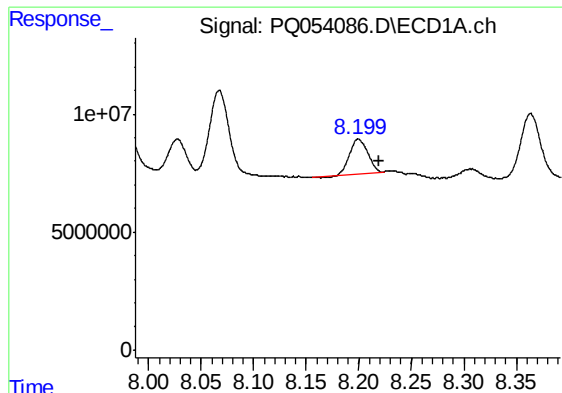
#30 AR-1254-5

R.T.: 8.792 min
Delta R.T.: 0.018 min
Response: 7611698
Conc: 10.13 ng/ml



#30 AR-1254-5

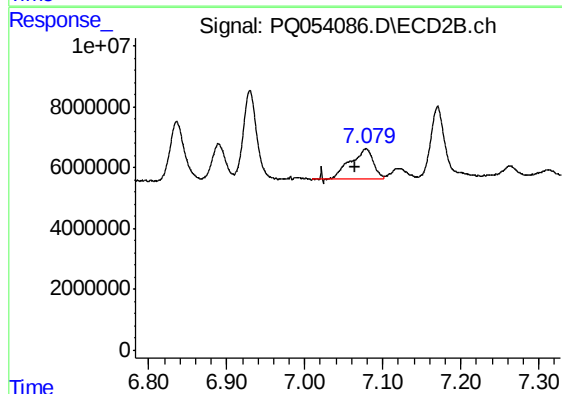
R.T.: 7.599 min
Delta R.T.: 0.004 min
Response: 8414816
Conc: 12.39 ng/ml



#31 AR-1260-1

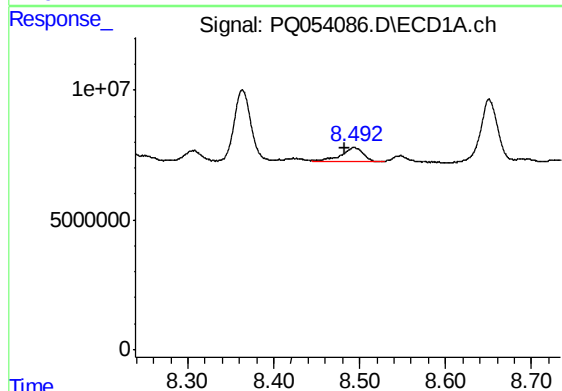
R.T.: 8.200 min
Delta R.T.: -0.020 min
Response: 17462363
Conc: 19.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



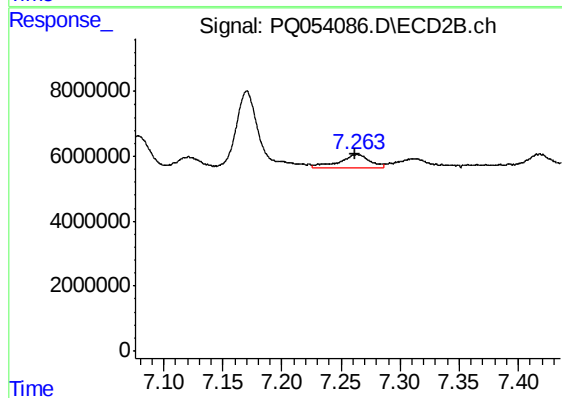
#31 AR-1260-1

R.T.: 7.079 min
Delta R.T.: 0.014 min
Response: 21074044
Conc: 32.39 ng/ml



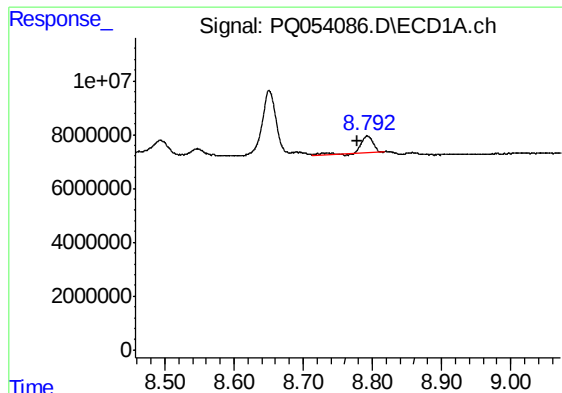
#32 AR-1260-2

R.T.: 8.493 min
Delta R.T.: 0.010 min
Response: 9421548
Conc: 8.66 ng/ml



#32 AR-1260-2

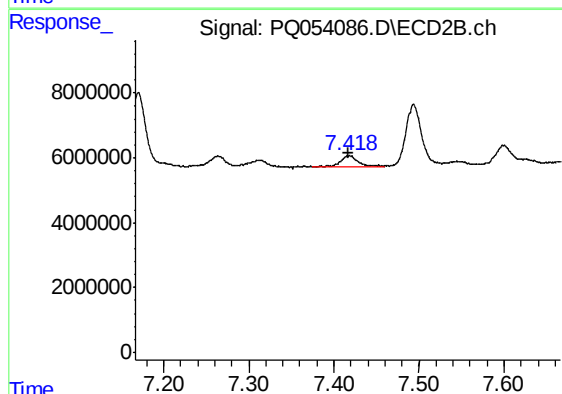
R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 7218507
Conc: 7.98 ng/ml



#33 AR-1260-3

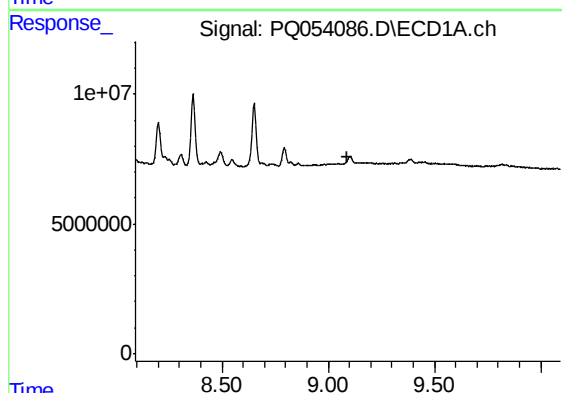
R.T.: 8.792 min
Delta R.T.: 0.015 min
Response: 7611698
Conc: 6.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



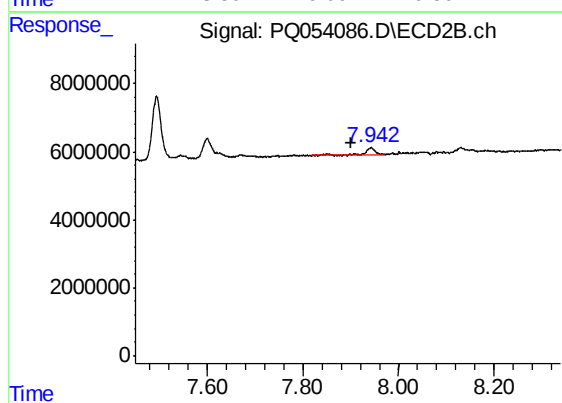
#33 AR-1260-3

R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 4376873
Conc: 5.81 ng/ml



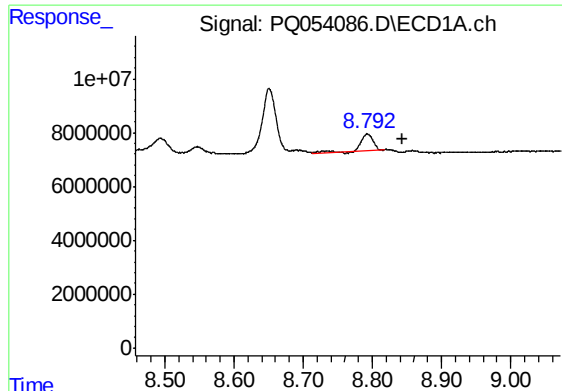
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.092 min
Response: 0
Conc: N.D.



#34 AR-1260-4

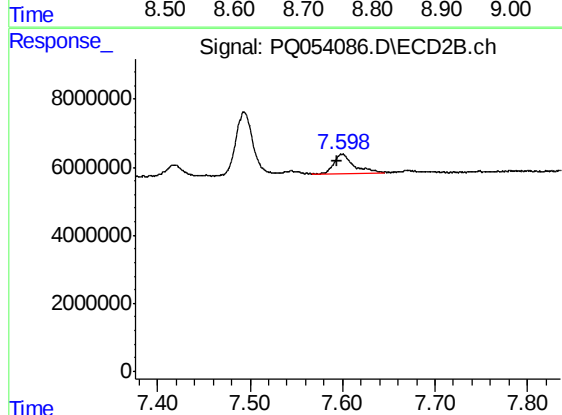
R.T.: 7.942 min
Delta R.T.: 0.041 min
Response: 2982076
Conc: 4.58 ng/ml



#36 AR-1262-1

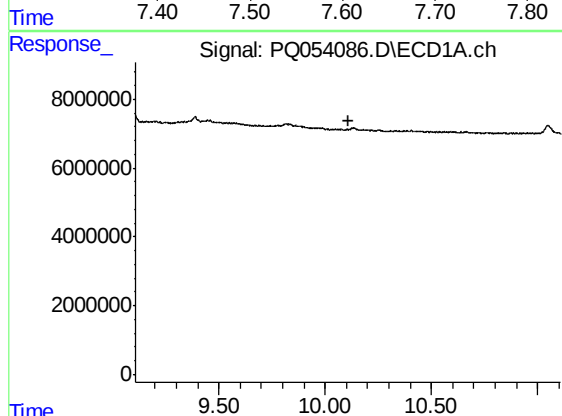
R.T.: 8.792 min
Delta R.T.: -0.052 min
Response: 7611698
Conc: 5.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12423109



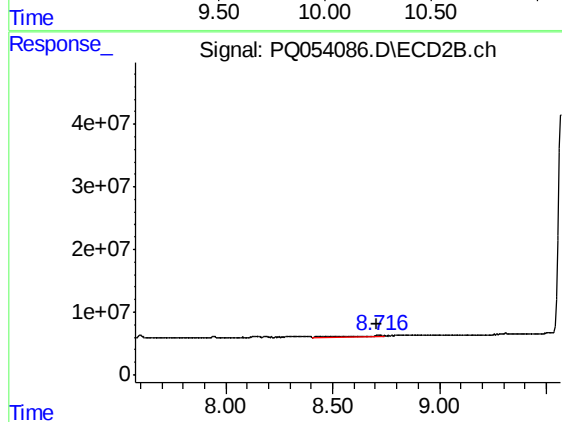
#36 AR-1262-1

R.T.: 7.599 min
Delta R.T.: 0.006 min
Response: 8414816
Conc: 15.02 ng/ml



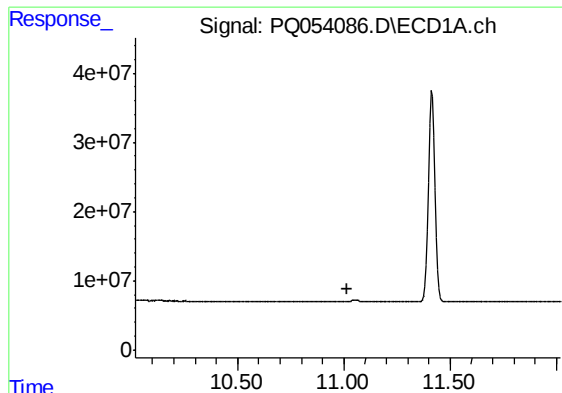
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.107 min
Response: 0
Conc: N.D.



#43 AR-1268-3

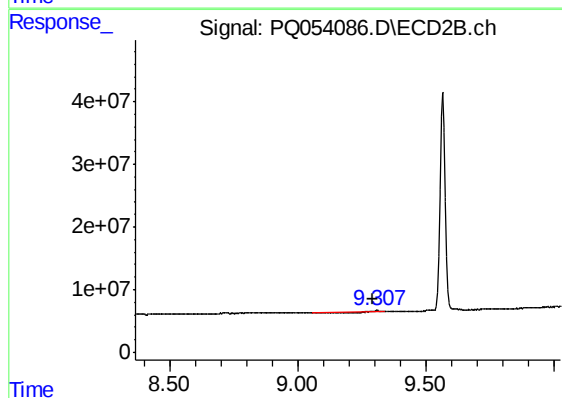
R.T.: 8.717 min
Delta R.T.: 0.014 min
Response: 9682268
Conc: 4.12 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12423109



#45 AR-1268-5

R.T.: 9.308 min
Delta R.T.: 0.015 min
Response: 2697774
Conc: 0.41 ng/ml