

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090618\
 Data File : PQ031695.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Sep 2018 17:30
 Operator : SM\SJ
 Sample : J4801-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 03:23:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 2018
 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...	4.604	3.881	39222947	30395441	26.879	26.676
2)	SA Decachlor...	10.466	8.965	30660395	27756710	14.299	13.245
Target Compounds							
3)	L1 AR-1016-1	5.317	4.565	11111495	8922496	284.531	278.112
4)	L1 AR-1016-2	5.514	4.981	10945457	12771778	272.882	254.694
5)	L1 AR-1016-3	5.783	5.000	15670880	17929767	255.073	248.798
6)	L1 AR-1016-4	5.868	5.057	13711281	12727344	254.102	286.208
7)	L1 AR-1016-5	6.263	5.435	11241093	9789876	247.300	244.104
8)	L2 AR-1221-1	0.000	4.096	0	1432833	N.D.	103.572 #
9)	L2 AR-1221-2	4.903	0.000	1695864	0	129.748	N.D. #
10)	L2 AR-1221-3	4.980	4.262	8161597	5823378	190.016	167.792
11)	L3 AR-1232-1	5.805	4.760	22501522	9558472	743.694	757.775
12)	L3 AR-1232-2	5.968	4.874	11068667	2671607	713.937	745.120
13)	L3 AR-1232-3	6.141	5.261	3646508	9690804	890.563	786.125
14)	L3 AR-1232-4	6.474	5.585	1995516	8773845	449.349	581.240 #
15)	L3 AR-1232-5	7.337	0.000	1301426	0	489.484	N.D. #
16)	L4 AR-1242-1	5.348	4.586	6948645	4834812	380.038	345.645
17)	L4 AR-1242-2	6.102	5.180	10282513	9488127	334.075	330.646
18)	L4 AR-1242-3	6.305	5.293	4705380	3288035	291.862	342.191
19)	L4 AR-1242-4	6.348	5.659	3247720	1636565	239.124	186.070
20)	L4 AR-1242-5	6.404	0.000	9851549	0	251.222	N.D. #
21)	L5 AR-1248-1	6.056	5.218	10409770	7815464	183.523	165.533
22)	L5 AR-1248-2	6.640	5.789	10794933	7570619	181.737	81.222 #
23)	L5 AR-1248-3	6.640	5.789	10794933	7570619	135.500	118.440
24)	L5 AR-1248-4	6.707	0.000	1775313	0	23.325	N.D. #
25)	L5 AR-1248-5	6.857	6.355	9876352	17178873	193.053	371.964 #
26)	L6 AR-1254-1	6.857	5.934	9876352	7879090	68.087	78.930
27)	L6 AR-1254-2	7.142	6.253	2528895	1936012	28.125	22.079
28)	L6 AR-1254-3	7.228	6.570	5169710	1565905	31.544	13.552 #
29)	L6 AR-1254-4	7.513	6.895	3288199	2034296	26.890	24.499
30)	L6 AR-1254-5	7.776	6.989	11161657	28628665	117.622	172.191 #
31)	L7 AR-1260-1	7.390	6.472	21218937	19991005	193.121	197.926
32)	L7 AR-1260-2	7.646	6.658	24834973	24303028	187.448	188.116
33)	L7 AR-1260-3	7.932	6.814	29722536	22332508	188.350	185.719
34)	L7 AR-1260-4	8.239	7.287	19131582	16382480	163.601	158.428
35)	L7 AR-1260-5	8.573	7.526	37253043	38916451	156.837	152.831
36)	L8 AR-1262-1	7.284	6.355	11395478	17178873	197.843	342.337 #
37)	L8 AR-1262-2	8.065	7.079	8977275	8976470	167.918	164.938
38)	L8 AR-1262-3	8.325	7.386	9384437	9378393	153.410	151.227
39)	L8 AR-1262-4	8.972	7.811	13340179	8267009	104.204	78.933
40)	L8 AR-1262-5	9.679	8.383	9019289	8206533	93.550	86.737
41)	L9 AR-1268-1	8.006	7.024	15511846	17064866	292.221	316.915

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 Operator : SM\SJ
 Sample : J4801-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

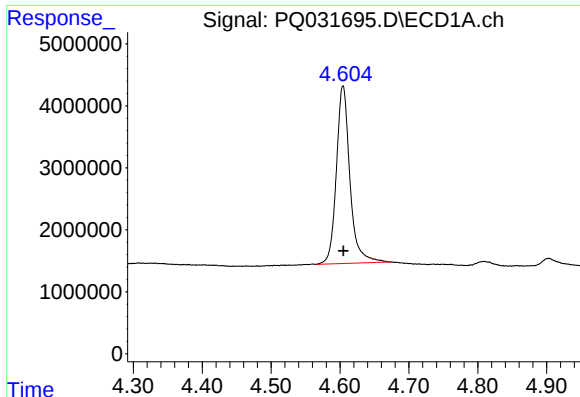
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 03:23:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.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	8.239	7.876	19131582	28117967	274.113	93.019 #
43) L9	AR-1268-3	8.916	0.000	25087224	0	76.980	N.D. #
45) L9	AR-1268-5	10.113	8.693	2631306	2444213	3.077	2.903

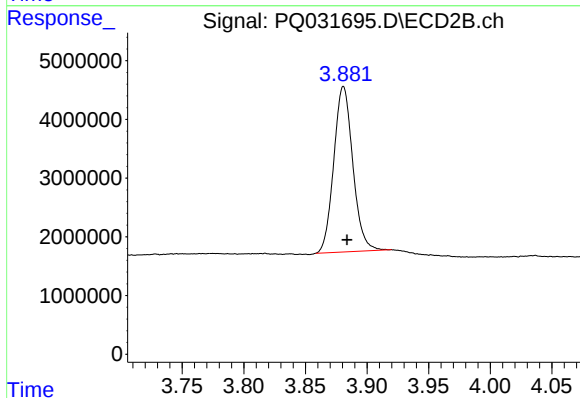
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

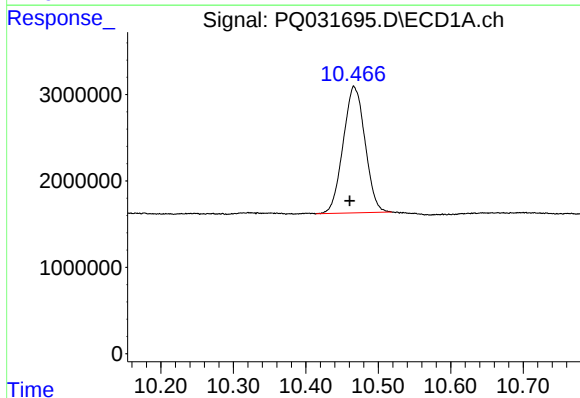
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 39222947
Conc: 26.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



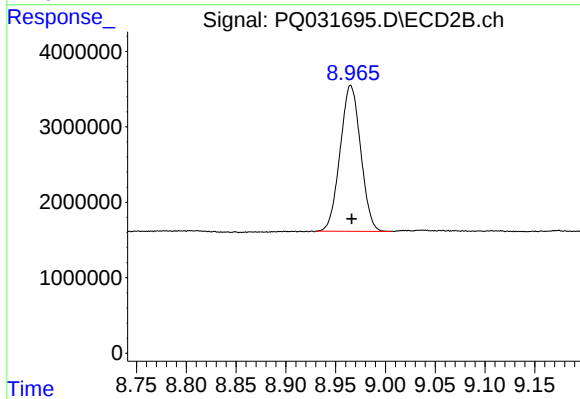
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: -0.003 min
Response: 30395441
Conc: 26.68 ng/ml



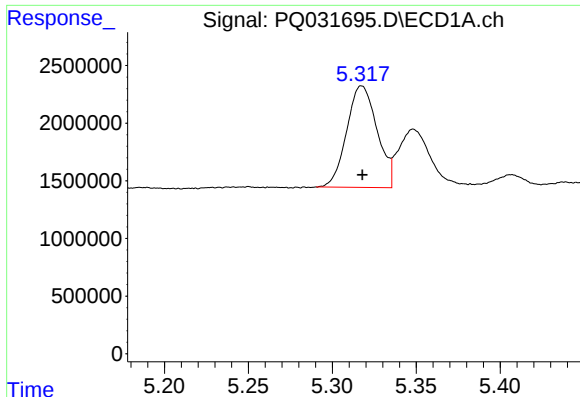
#2 Decachlorobiphenyl

R.T.: 10.466 min
Delta R.T.: 0.006 min
Response: 30660395
Conc: 14.30 ng/ml



#2 Decachlorobiphenyl

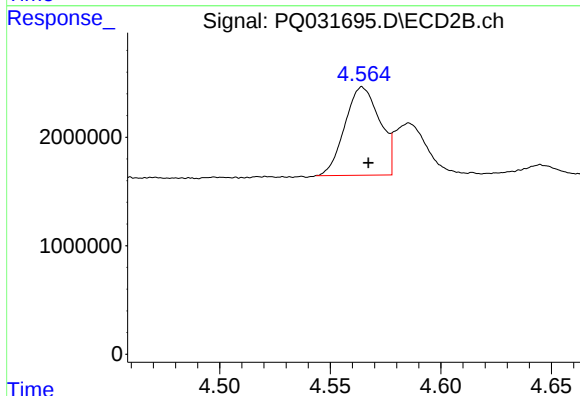
R.T.: 8.965 min
Delta R.T.: -0.001 min
Response: 27756710
Conc: 13.24 ng/ml



#3 AR-1016-1

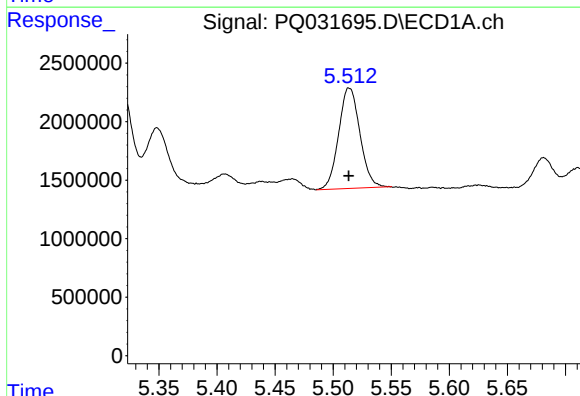
R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 11111495
Conc: 284.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



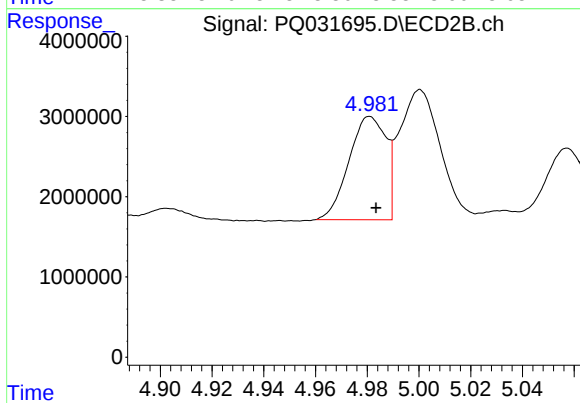
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 8922496
Conc: 278.11 ng/ml



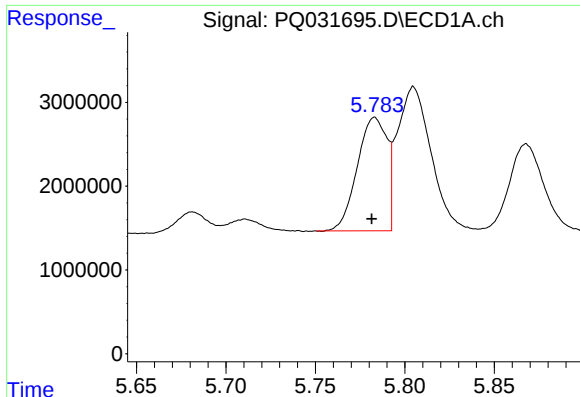
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 10945457
Conc: 272.88 ng/ml



#4 AR-1016-2

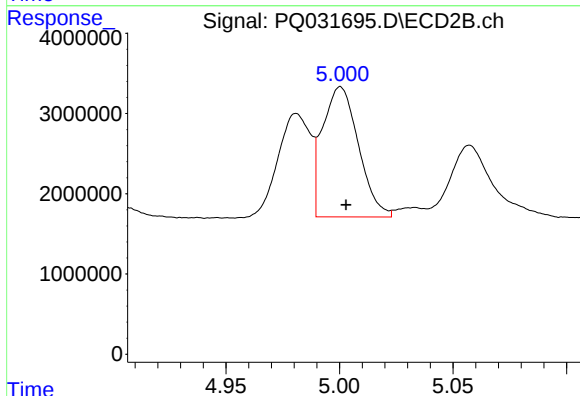
R.T.: 4.981 min
Delta R.T.: -0.002 min
Response: 12771778
Conc: 254.69 ng/ml



#5 AR-1016-3

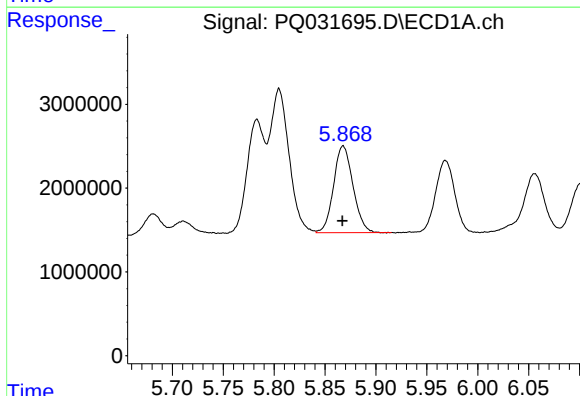
R.T.: 5.783 min
Delta R.T.: 0.002 min
Response: 15670880
Conc: 255.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



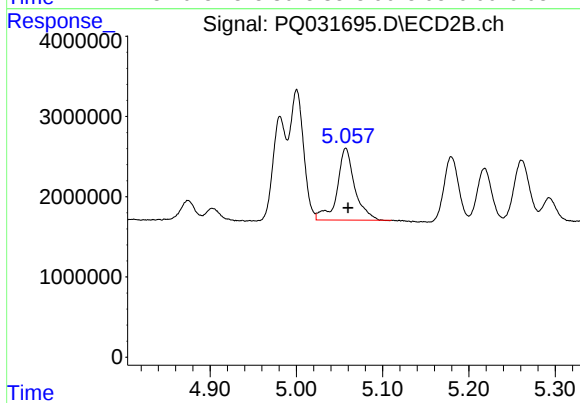
#5 AR-1016-3

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 17929767
Conc: 248.80 ng/ml



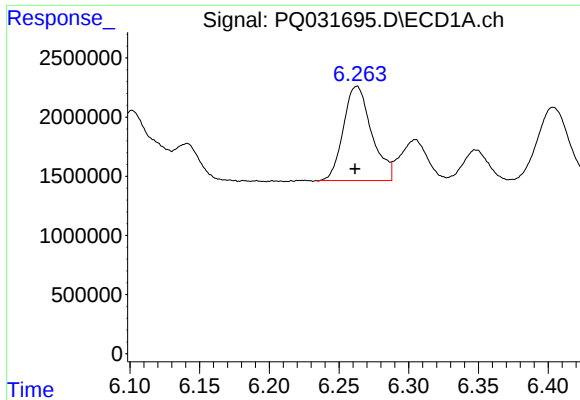
#6 AR-1016-4

R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 13711281
Conc: 254.10 ng/ml



#6 AR-1016-4

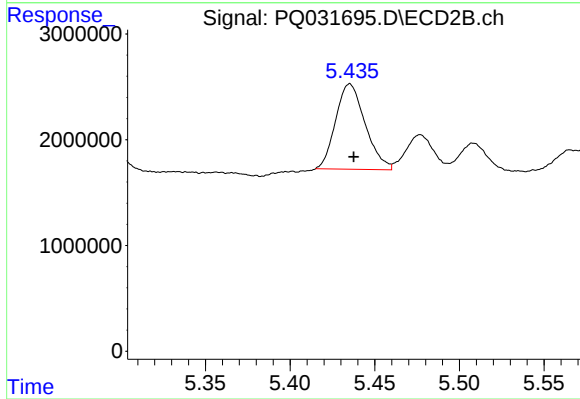
R.T.: 5.057 min
Delta R.T.: -0.003 min
Response: 12727344
Conc: 286.21 ng/ml



#7 AR-1016-5

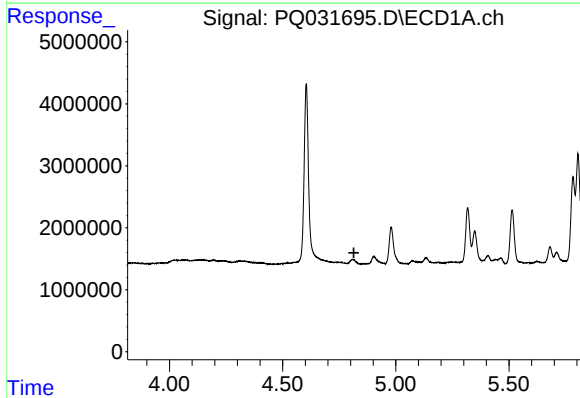
R.T.: 6.263 min
Delta R.T.: 0.001 min
Response: 11241093
Conc: 247.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



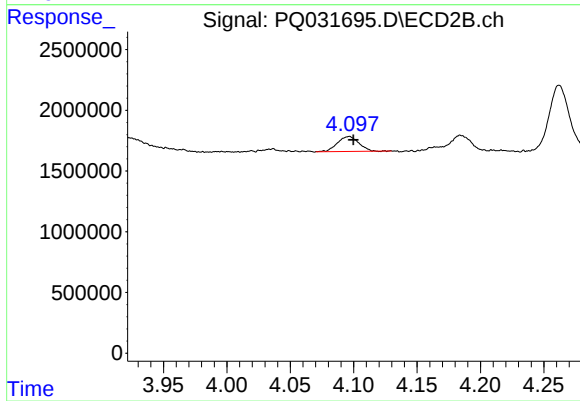
#7 AR-1016-5

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 9789876
Conc: 244.10 ng/ml



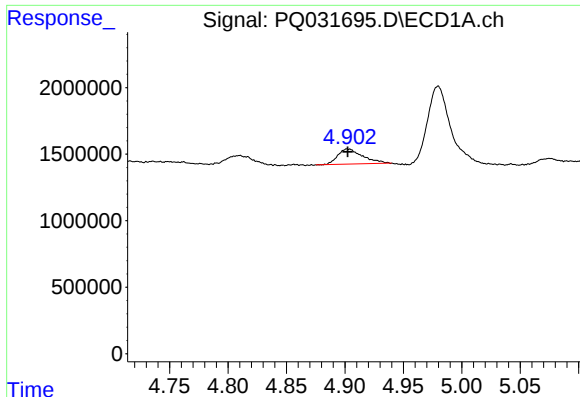
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#8 AR-1221-1

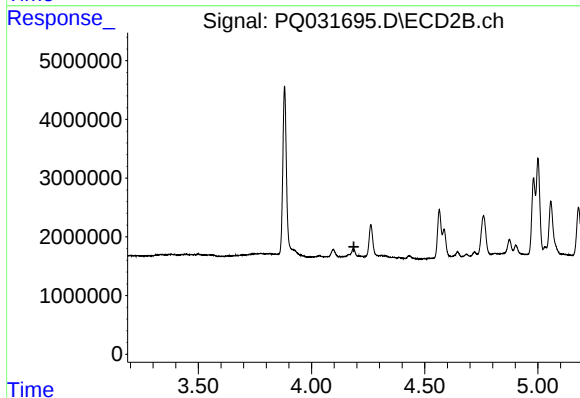
R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 1432833
Conc: 103.57 ng/ml



#9 AR-1221-2

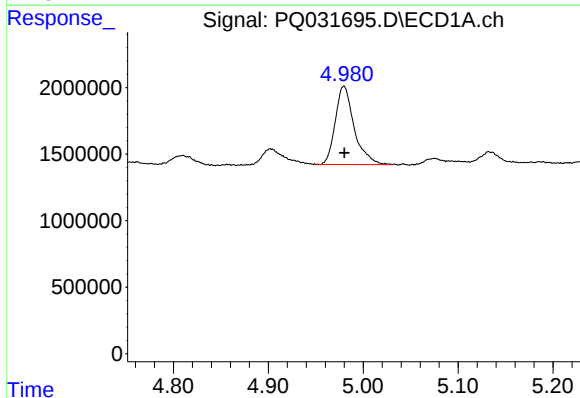
R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 1695864
Conc: 129.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



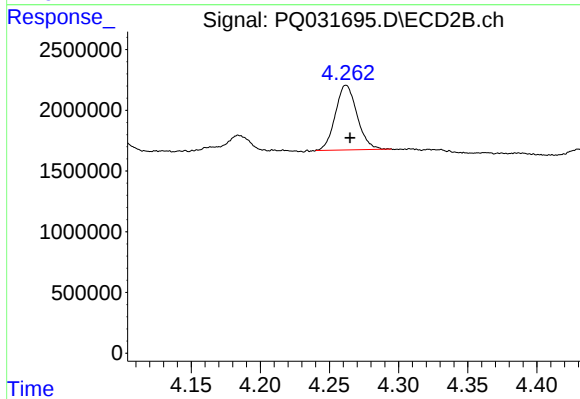
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.187 min
Response: 0
Conc: N.D.



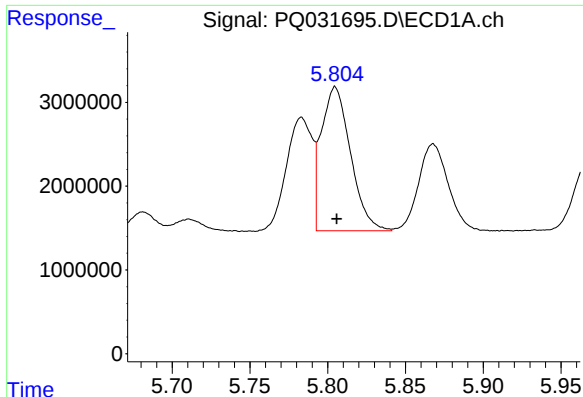
#10 AR-1221-3

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 8161597
Conc: 190.02 ng/ml



#10 AR-1221-3

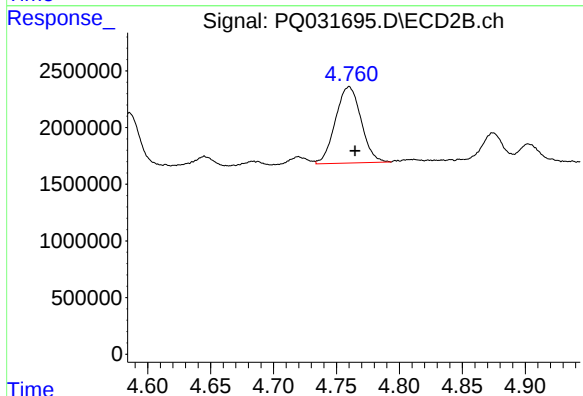
R.T.: 4.262 min
Delta R.T.: -0.003 min
Response: 5823378
Conc: 167.79 ng/ml



#11 AR-1232-1

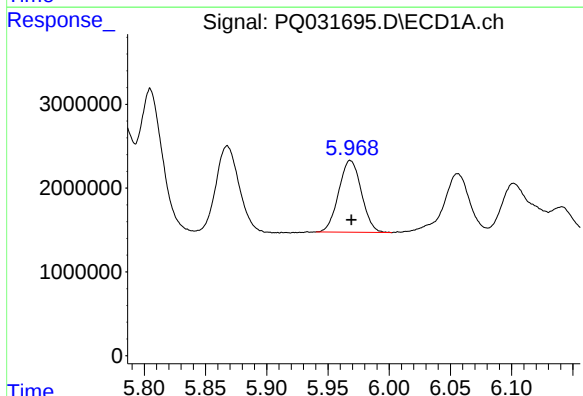
R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 22501522
Conc: 743.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



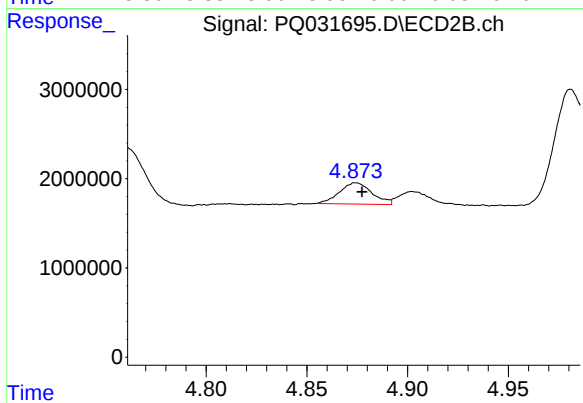
#11 AR-1232-1

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 9558472
Conc: 757.77 ng/ml



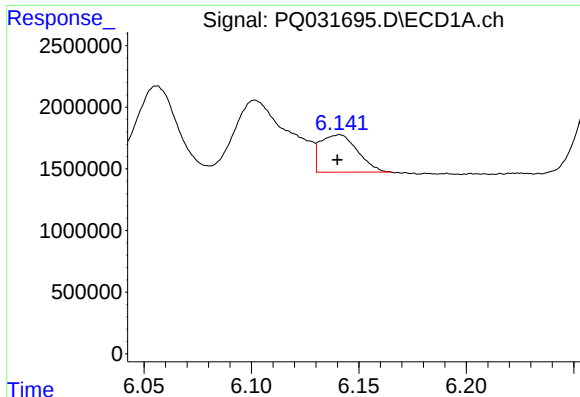
#12 AR-1232-2

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 11068667
Conc: 713.94 ng/ml



#12 AR-1232-2

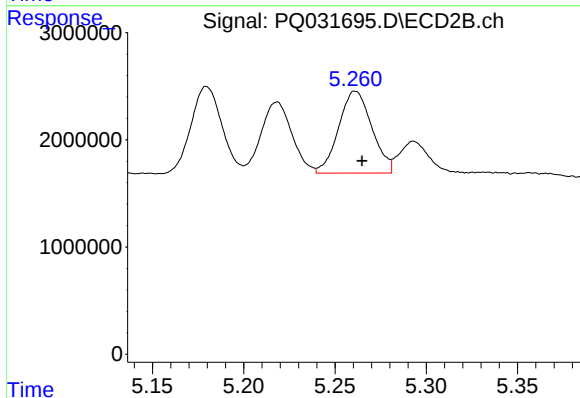
R.T.: 4.874 min
Delta R.T.: -0.003 min
Response: 2671607
Conc: 745.12 ng/ml



#13 AR-1232-3

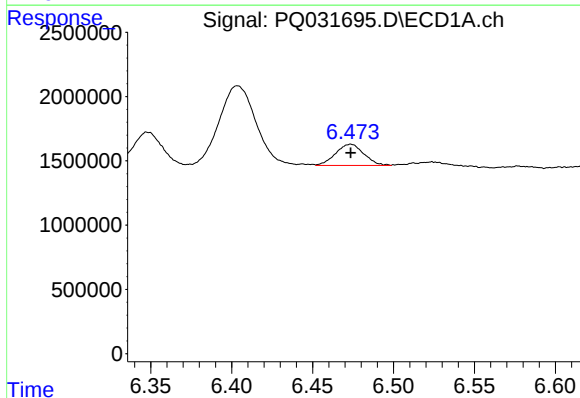
R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 3646508
Conc: 890.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



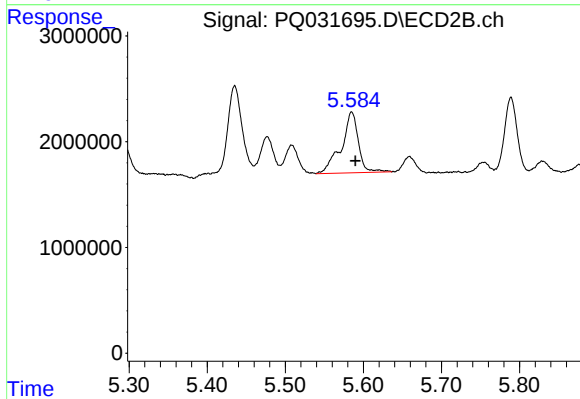
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 9690804
Conc: 786.12 ng/ml



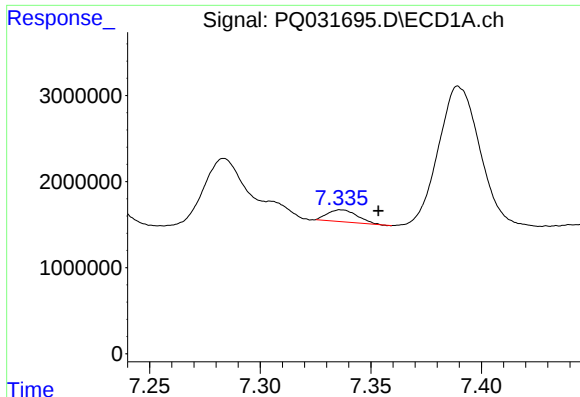
#14 AR-1232-4

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1995516
Conc: 449.35 ng/ml



#14 AR-1232-4

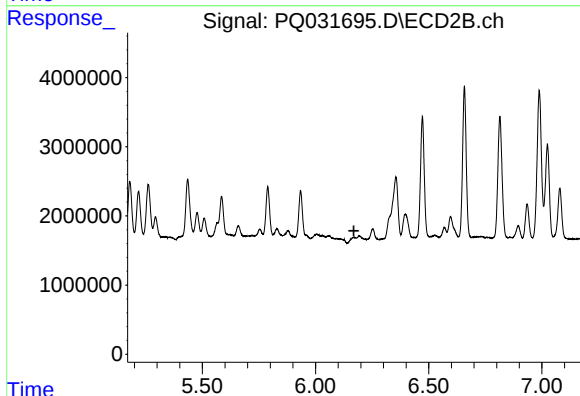
R.T.: 5.585 min
Delta R.T.: -0.005 min
Response: 8773845
Conc: 581.24 ng/ml



#15 AR-1232-5

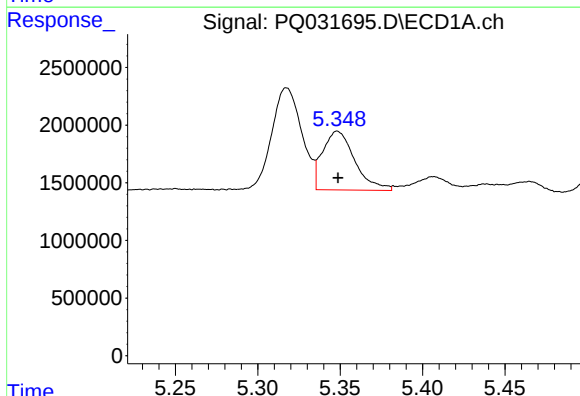
R.T.: 7.337 min
Delta R.T.: -0.017 min
Response: 1301426
Conc: 489.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



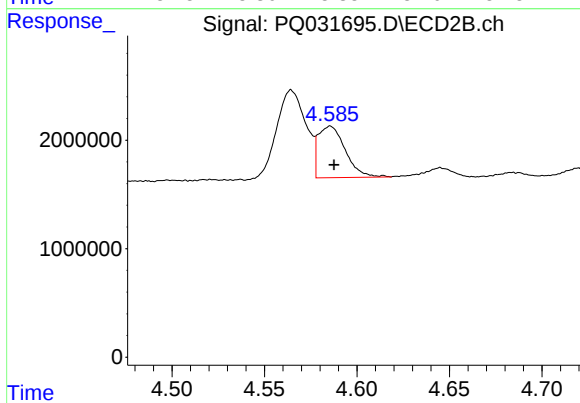
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



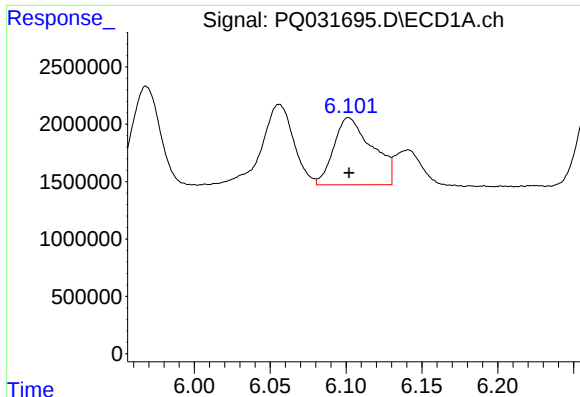
#16 AR-1242-1

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 6948645
Conc: 380.04 ng/ml



#16 AR-1242-1

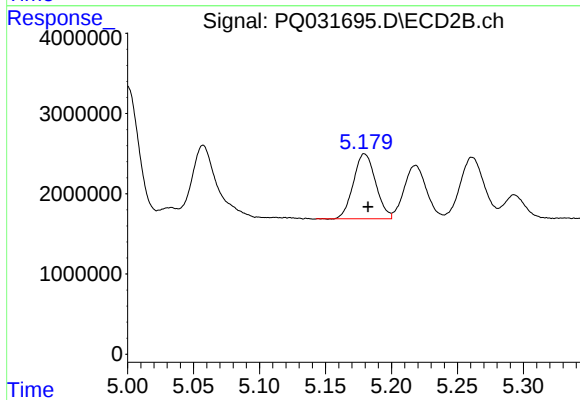
R.T.: 4.586 min
Delta R.T.: -0.002 min
Response: 4834812
Conc: 345.65 ng/ml



#17 AR-1242-2

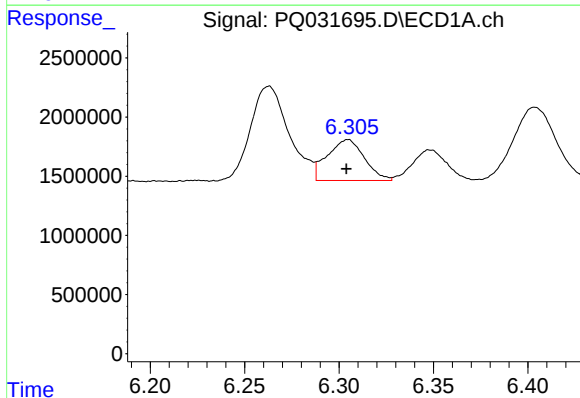
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 10282513
Conc: 334.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



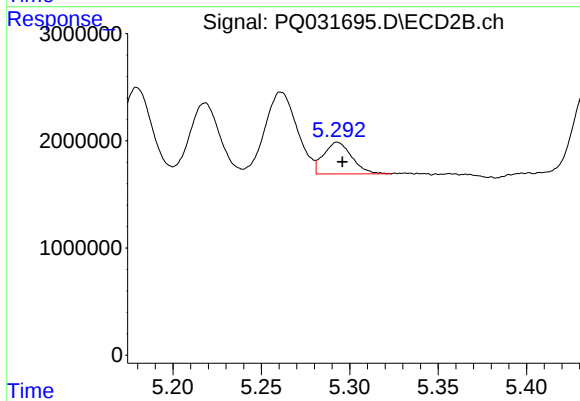
#17 AR-1242-2

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 9488127
Conc: 330.65 ng/ml



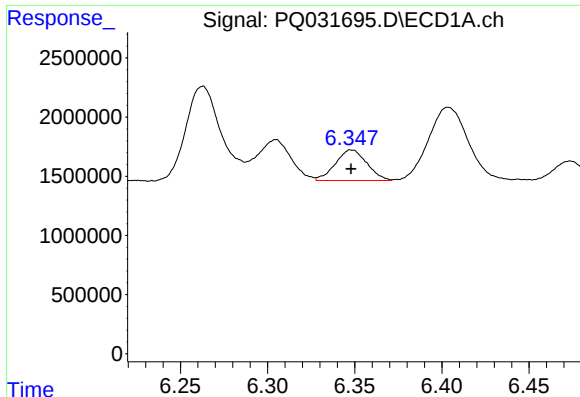
#18 AR-1242-3

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 4705380
Conc: 291.86 ng/ml



#18 AR-1242-3

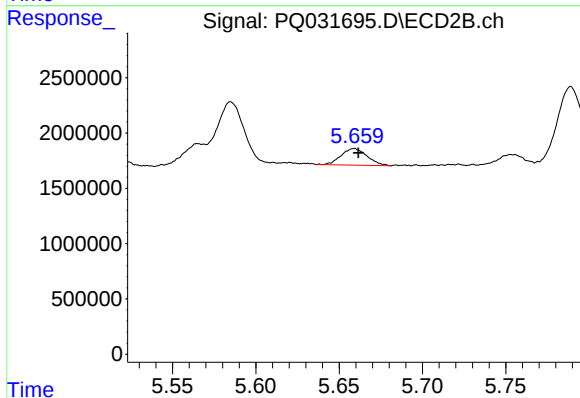
R.T.: 5.293 min
Delta R.T.: -0.003 min
Response: 3288035
Conc: 342.19 ng/ml



#19 AR-1242-4

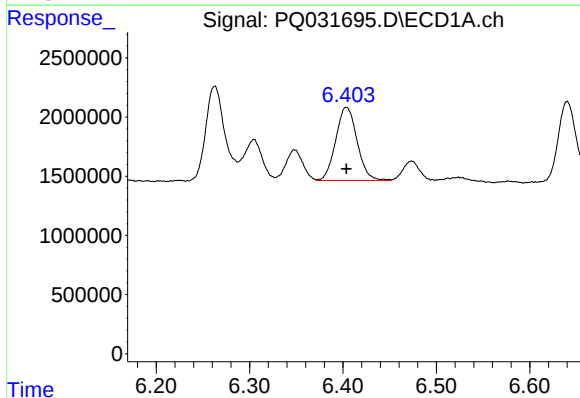
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 3247720
Conc: 239.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



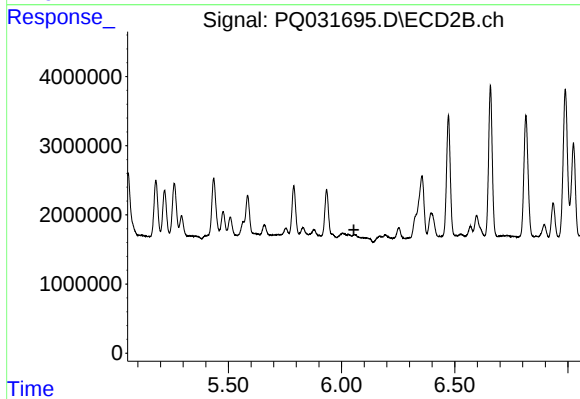
#19 AR-1242-4

R.T.: 5.659 min
Delta R.T.: -0.002 min
Response: 1636565
Conc: 186.07 ng/ml



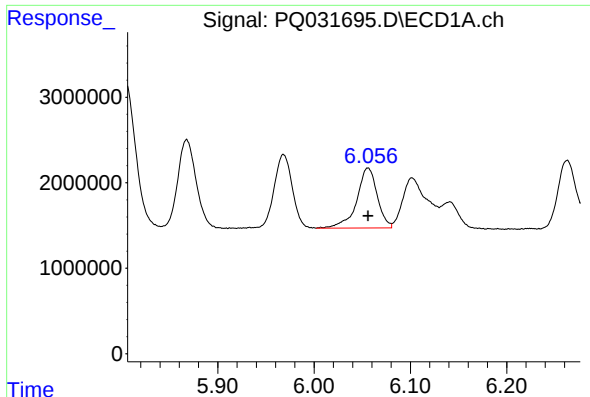
#20 AR-1242-5

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 9851549
Conc: 251.22 ng/ml



#20 AR-1242-5

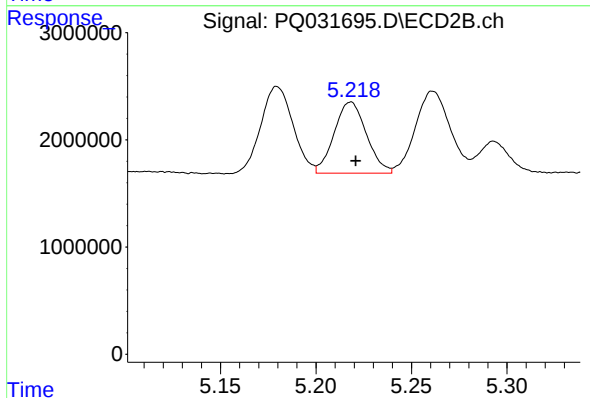
R.T.: 0.000 min
Exp R.T.: 6.054 min
Response: 0
Conc: N.D.



#21 AR-1248-1

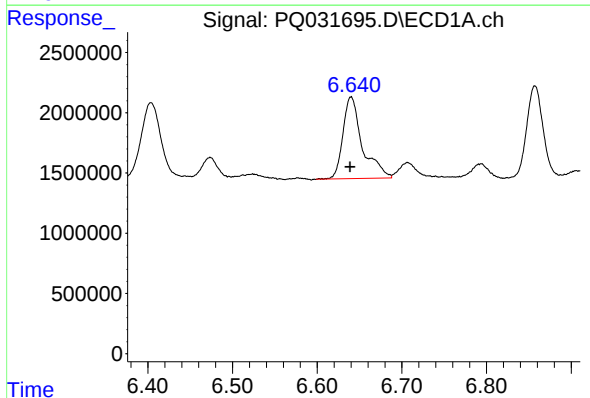
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 10409770
Conc: 183.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



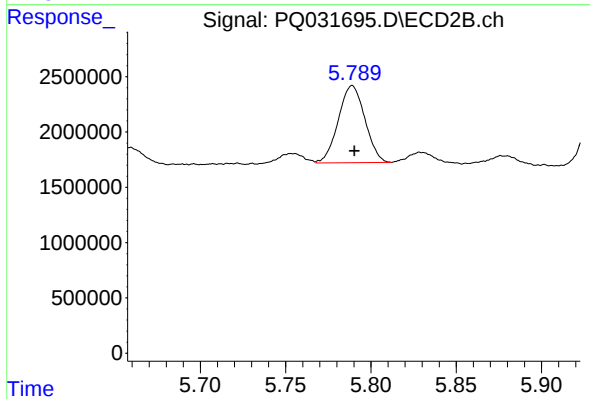
#21 AR-1248-1

R.T.: 5.218 min
Delta R.T.: -0.003 min
Response: 7815464
Conc: 165.53 ng/ml



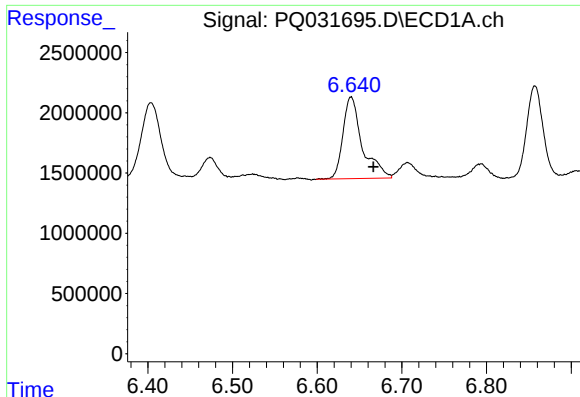
#22 AR-1248-2

R.T.: 6.640 min
Delta R.T.: 0.001 min
Response: 10794933
Conc: 181.74 ng/ml



#22 AR-1248-2

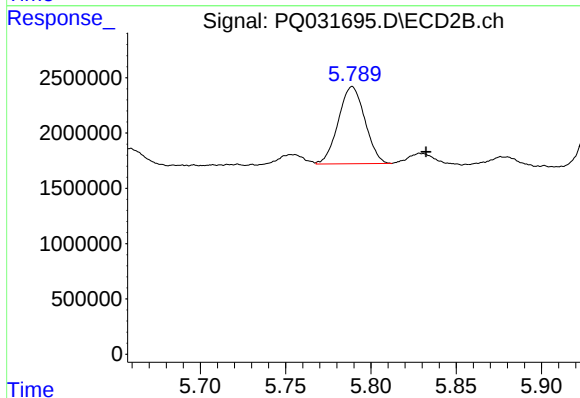
R.T.: 5.789 min
Delta R.T.: -0.001 min
Response: 7570619
Conc: 81.22 ng/ml



#23 AR-1248-3

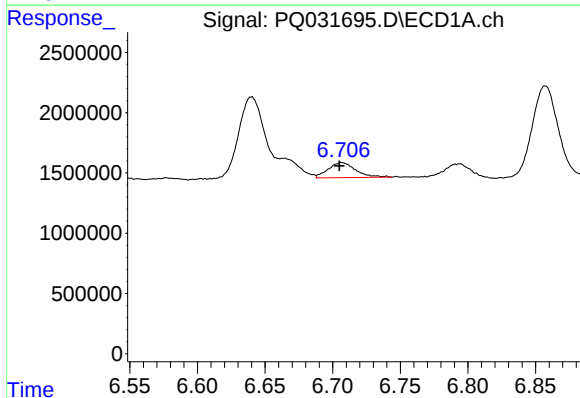
R.T.: 6.640 min
Delta R.T.: -0.026 min
Response: 10794933
Conc: 135.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



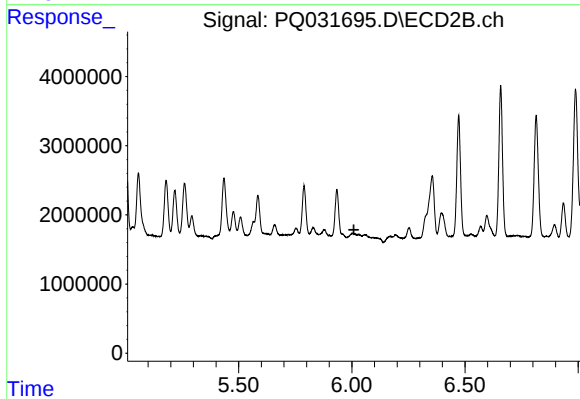
#23 AR-1248-3

R.T.: 5.789 min
Delta R.T.: -0.043 min
Response: 7570619
Conc: 118.44 ng/ml



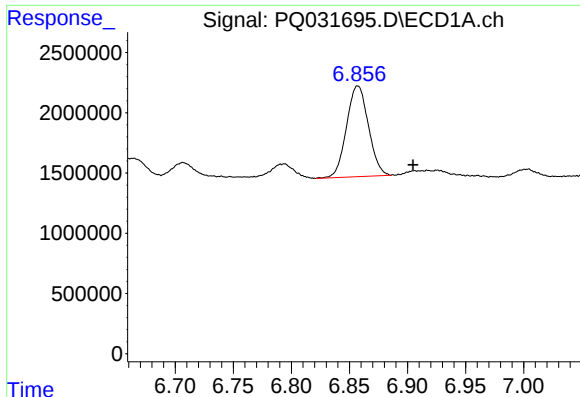
#24 AR-1248-4

R.T.: 6.707 min
Delta R.T.: 0.002 min
Response: 1775313
Conc: 23.33 ng/ml



#24 AR-1248-4

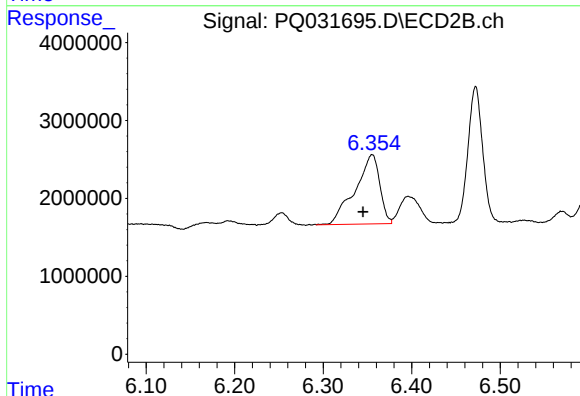
R.T.: 0.000 min
Exp R.T.: 6.009 min
Response: 0
Conc: N.D.



#25 AR-1248-5

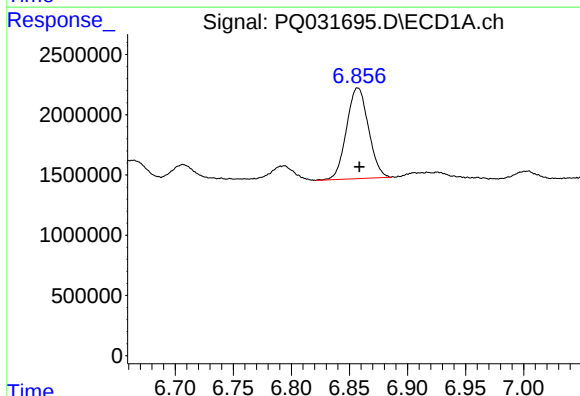
R.T.: 6.857 min
Delta R.T.: -0.047 min
Response: 9876352
Conc: 193.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



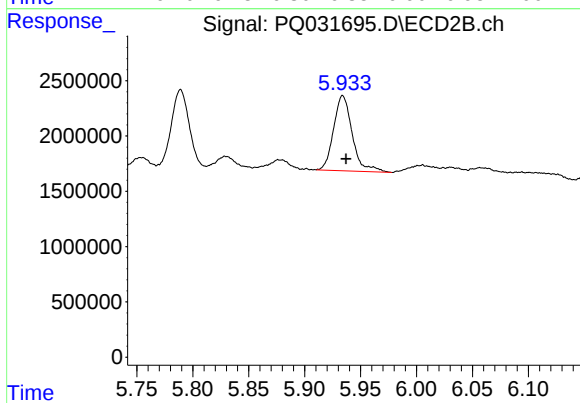
#25 AR-1248-5

R.T.: 6.355 min
Delta R.T.: 0.010 min
Response: 17178873
Conc: 371.96 ng/ml



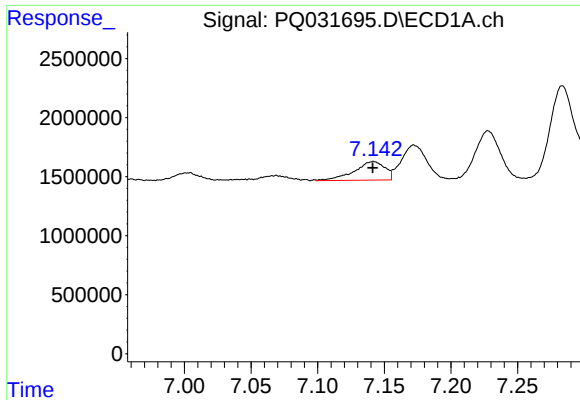
#26 AR-1254-1

R.T.: 6.857 min
Delta R.T.: -0.001 min
Response: 9876352
Conc: 68.09 ng/ml



#26 AR-1254-1

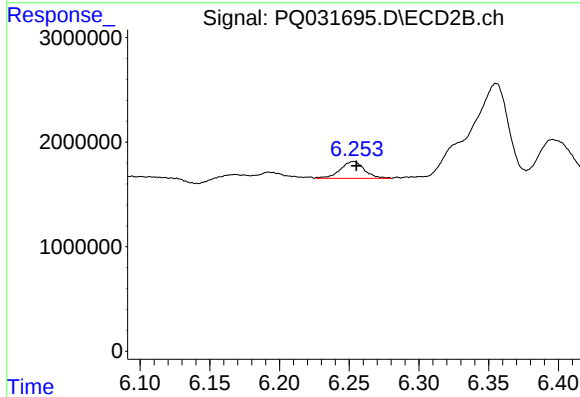
R.T.: 5.934 min
Delta R.T.: -0.003 min
Response: 7879090
Conc: 78.93 ng/ml



#27 AR-1254-2

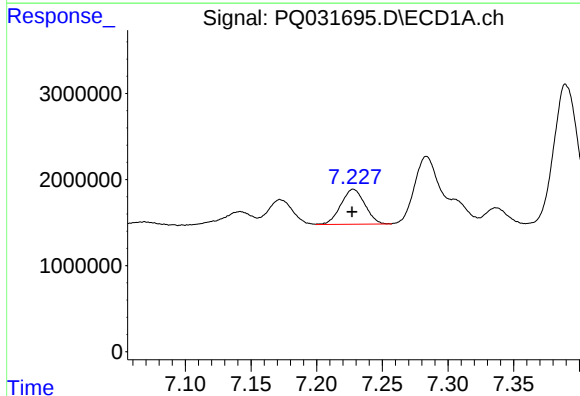
R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 2528895
Conc: 28.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



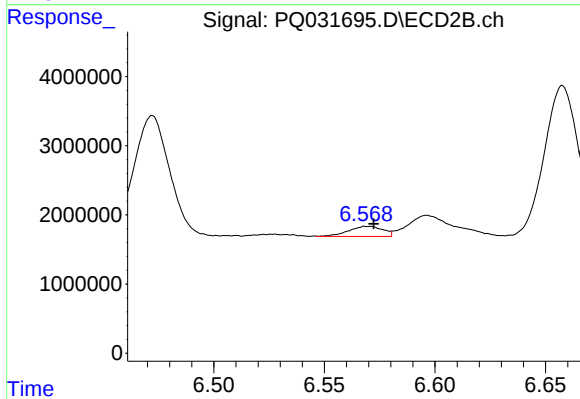
#27 AR-1254-2

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 1936012
Conc: 22.08 ng/ml



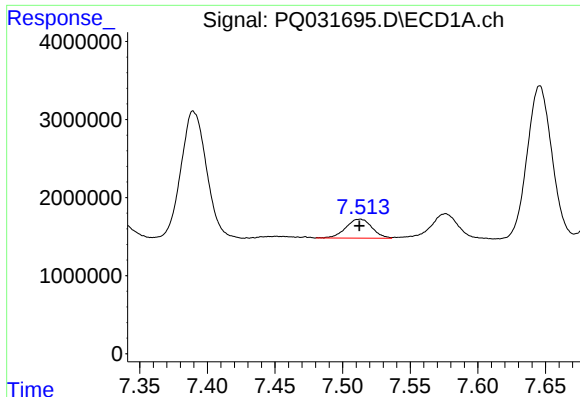
#28 AR-1254-3

R.T.: 7.228 min
Delta R.T.: 0.001 min
Response: 5169710
Conc: 31.54 ng/ml



#28 AR-1254-3

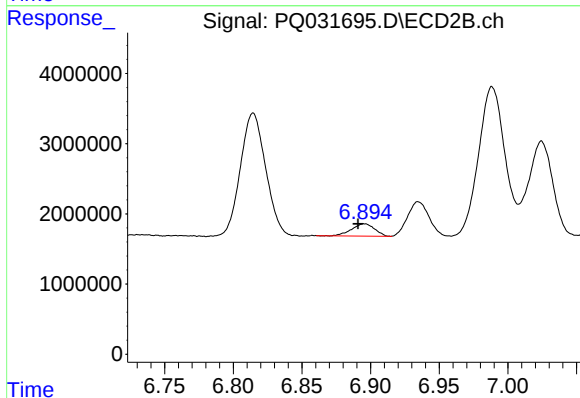
R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 1565905
Conc: 13.55 ng/ml



#29 AR-1254-4

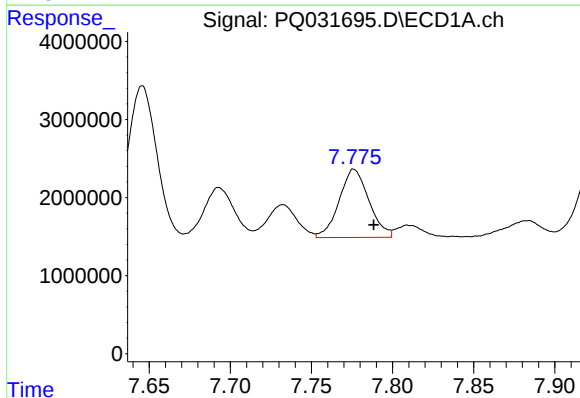
R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 3288199
Conc: 26.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



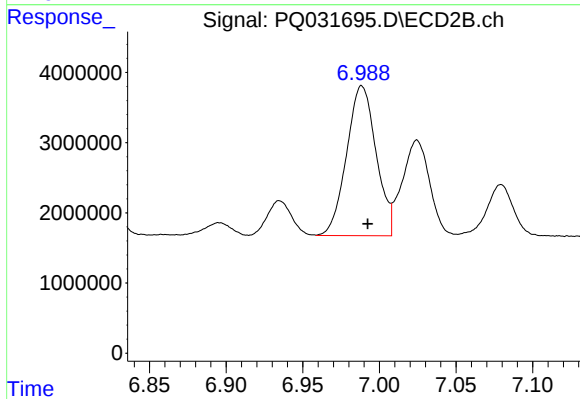
#29 AR-1254-4

R.T.: 6.895 min
Delta R.T.: 0.005 min
Response: 2034296
Conc: 24.50 ng/ml



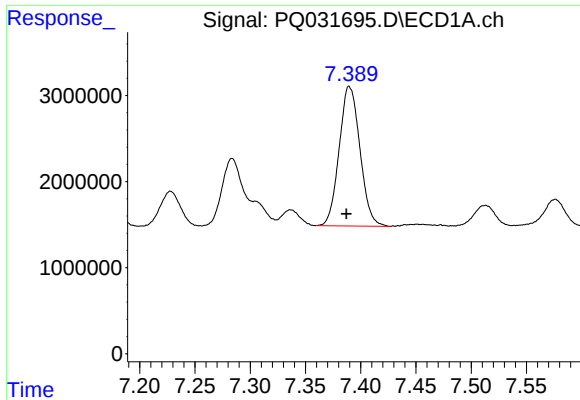
#30 AR-1254-5

R.T.: 7.776 min
Delta R.T.: -0.012 min
Response: 11161657
Conc: 117.62 ng/ml



#30 AR-1254-5

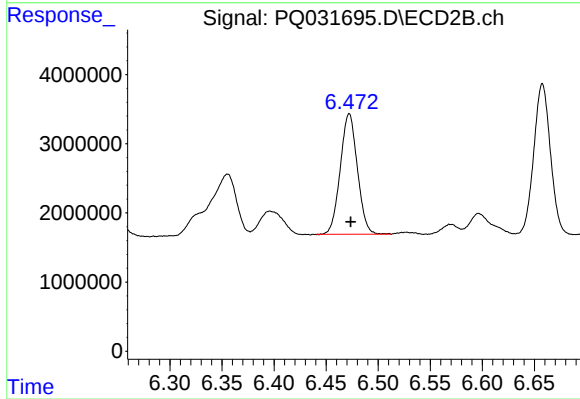
R.T.: 6.989 min
Delta R.T.: -0.004 min
Response: 28628665
Conc: 172.19 ng/ml



#31 AR-1260-1

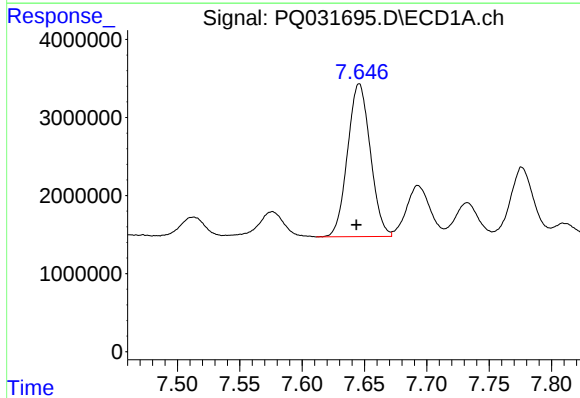
R.T.: 7.390 min
Delta R.T.: 0.002 min
Response: 21218937
Conc: 193.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



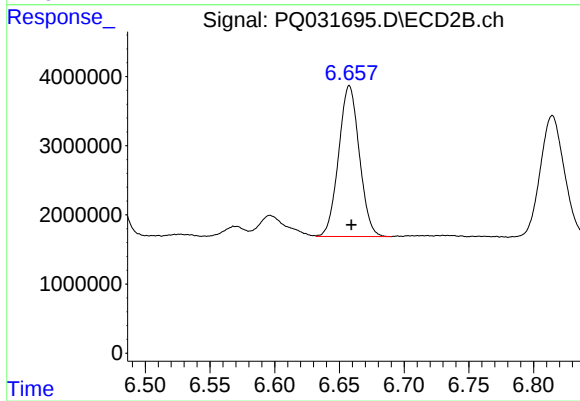
#31 AR-1260-1

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 19991005
Conc: 197.93 ng/ml



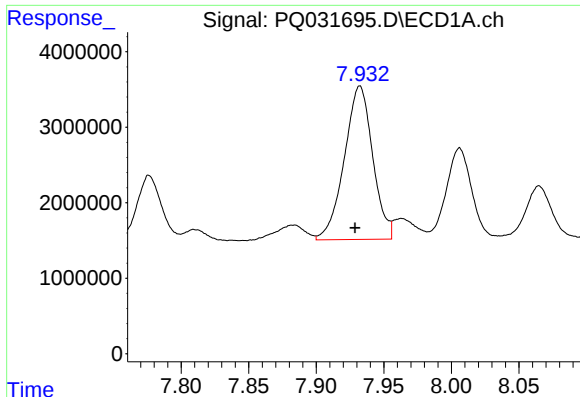
#32 AR-1260-2

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 24834973
Conc: 187.45 ng/ml



#32 AR-1260-2

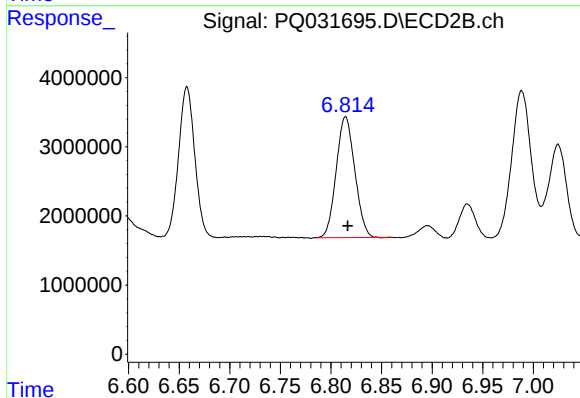
R.T.: 6.658 min
Delta R.T.: -0.001 min
Response: 24303028
Conc: 188.12 ng/ml



#33 AR-1260-3

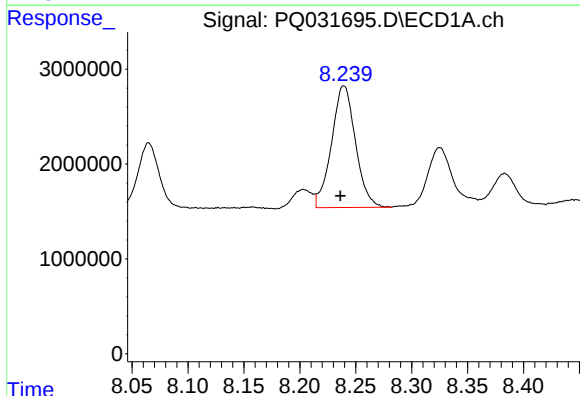
R.T.: 7.932 min
Delta R.T.: 0.004 min
Response: 29722536
Conc: 188.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



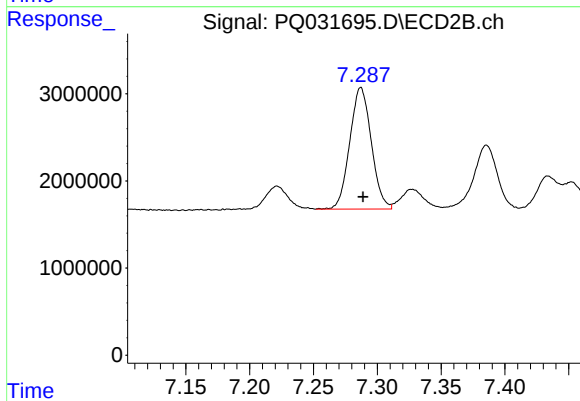
#33 AR-1260-3

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 22332508
Conc: 185.72 ng/ml



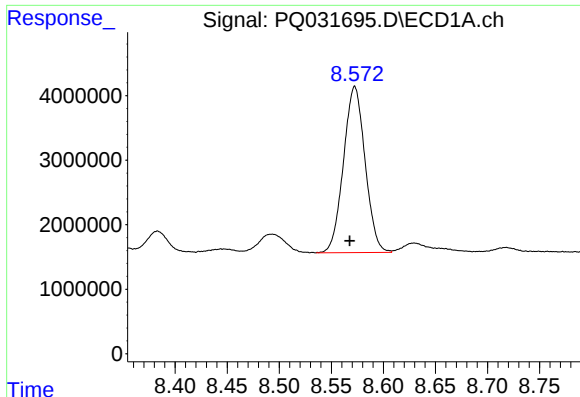
#34 AR-1260-4

R.T.: 8.239 min
Delta R.T.: 0.003 min
Response: 19131582
Conc: 163.60 ng/ml



#34 AR-1260-4

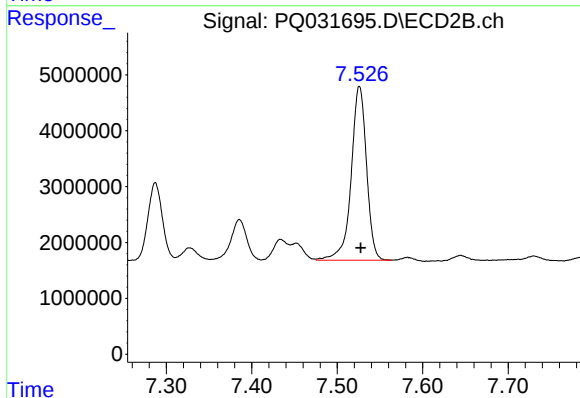
R.T.: 7.287 min
Delta R.T.: -0.002 min
Response: 16382480
Conc: 158.43 ng/ml



#35 AR-1260-5

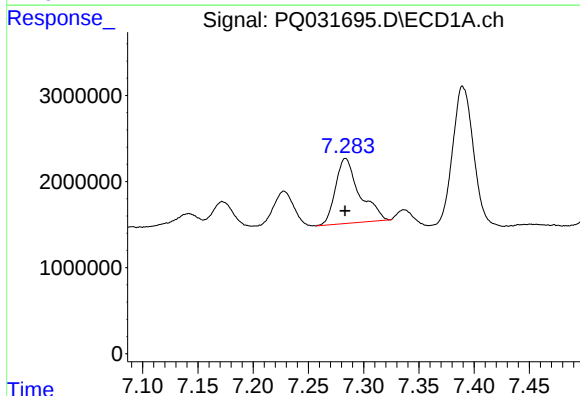
R.T.: 8.573 min
Delta R.T.: 0.005 min
Response: 37253043
Conc: 156.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



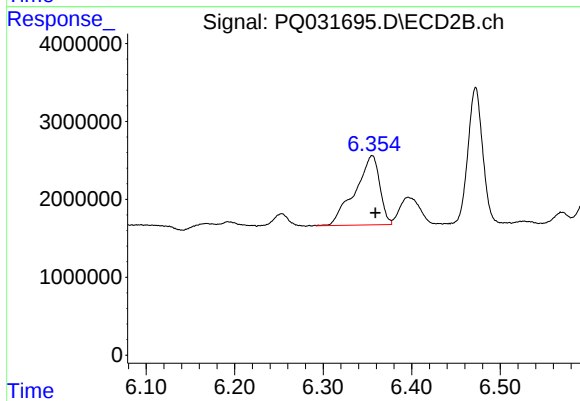
#35 AR-1260-5

R.T.: 7.526 min
Delta R.T.: -0.001 min
Response: 38916451
Conc: 152.83 ng/ml



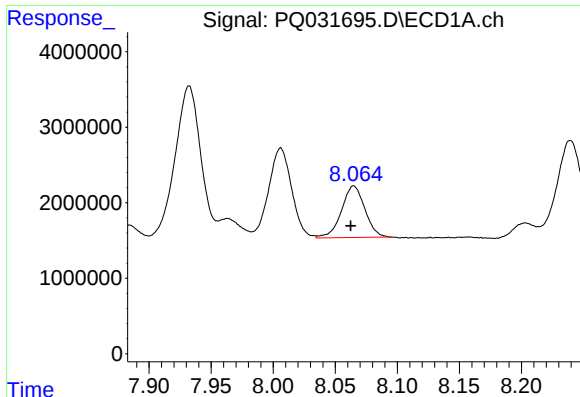
#36 AR-1262-1

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 11395478
Conc: 197.84 ng/ml



#36 AR-1262-1

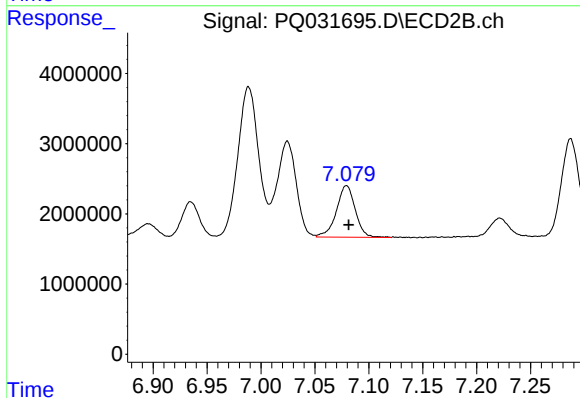
R.T.: 6.355 min
Delta R.T.: -0.004 min
Response: 17178873
Conc: 342.34 ng/ml



#37 AR-1262-2

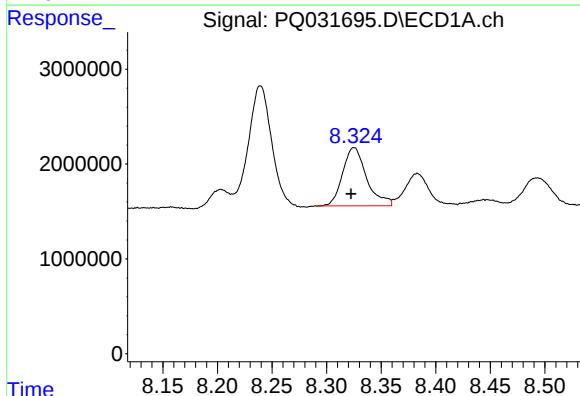
R.T.: 8.065 min
Delta R.T.: 0.002 min
Response: 8977275
Conc: 167.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



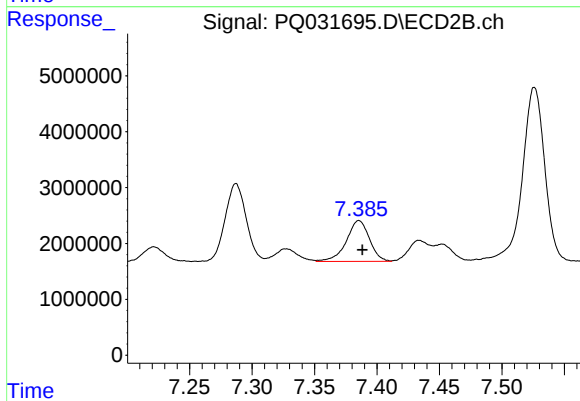
#37 AR-1262-2

R.T.: 7.079 min
Delta R.T.: -0.002 min
Response: 8976470
Conc: 164.94 ng/ml



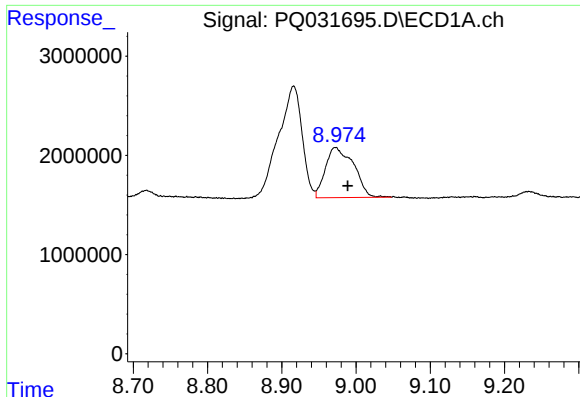
#38 AR-1262-3

R.T.: 8.325 min
Delta R.T.: 0.003 min
Response: 9384437
Conc: 153.41 ng/ml



#38 AR-1262-3

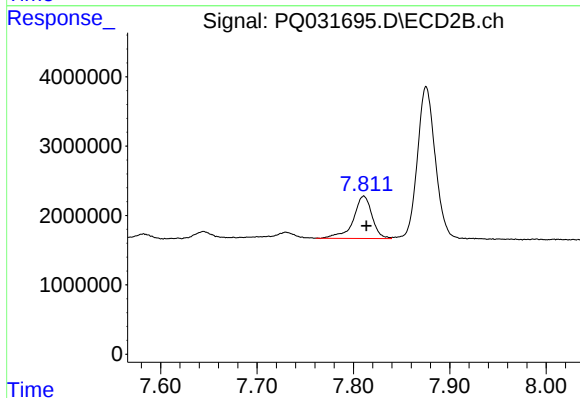
R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 9378393
Conc: 151.23 ng/ml



#39 AR-1262-4

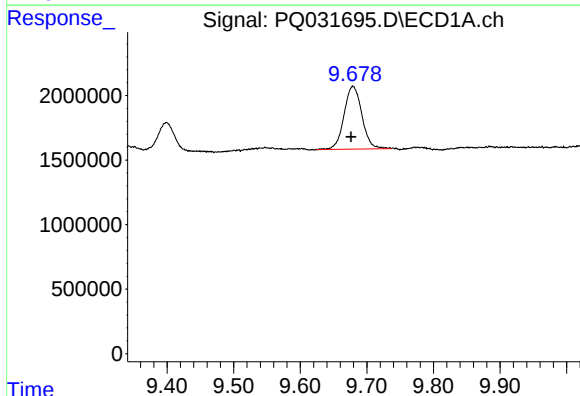
R.T.: 8.972 min
Delta R.T.: -0.016 min
Response: 13340179
Conc: 104.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



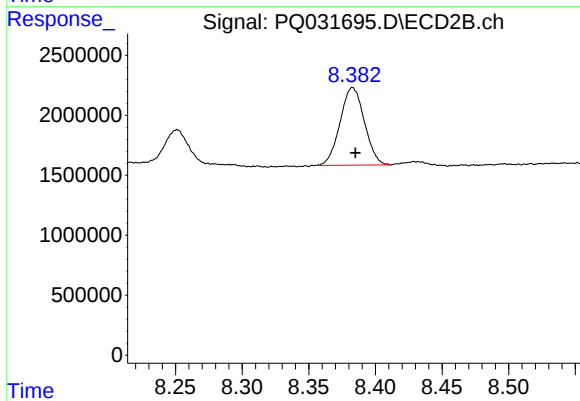
#39 AR-1262-4

R.T.: 7.811 min
Delta R.T.: -0.003 min
Response: 8267009
Conc: 78.93 ng/ml



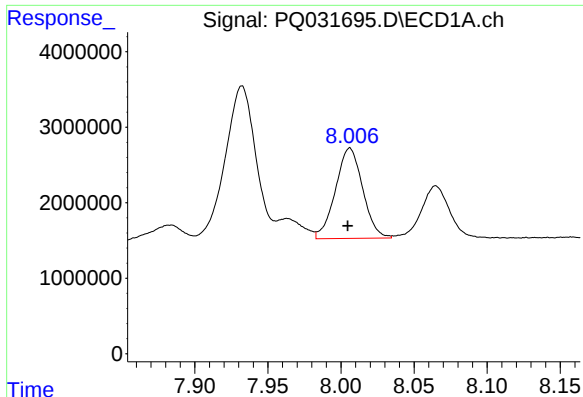
#40 AR-1262-5

R.T.: 9.679 min
Delta R.T.: 0.003 min
Response: 9019289
Conc: 93.55 ng/ml



#40 AR-1262-5

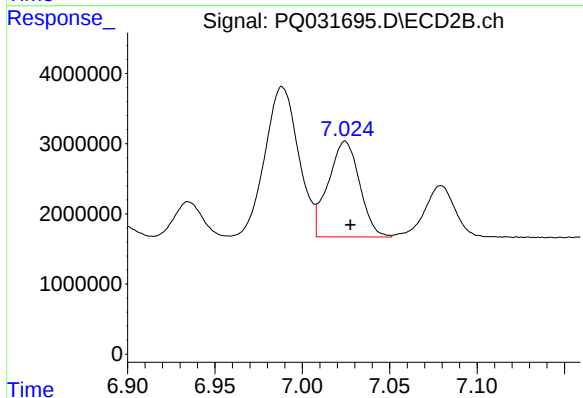
R.T.: 8.383 min
Delta R.T.: -0.002 min
Response: 8206533
Conc: 86.74 ng/ml



#41 AR-1268-1

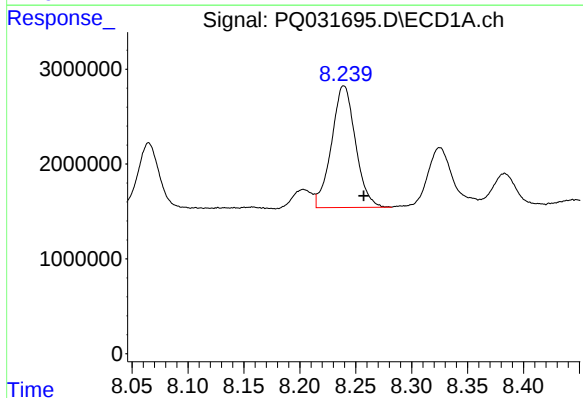
R.T.: 8.006 min
Delta R.T.: 0.001 min
Response: 15511846
Conc: 292.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



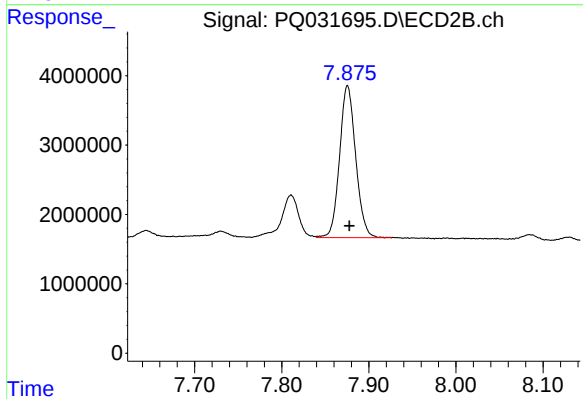
#41 AR-1268-1

R.T.: 7.024 min
Delta R.T.: -0.003 min
Response: 17064866
Conc: 316.91 ng/ml



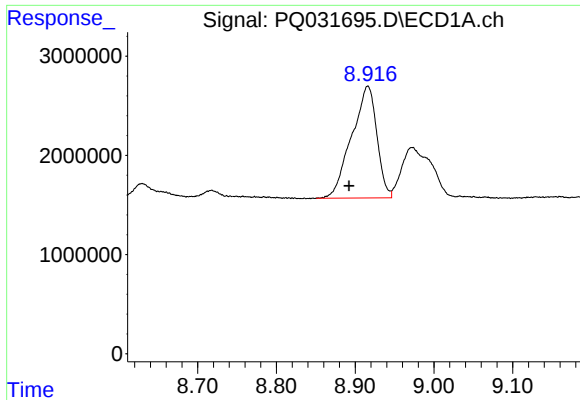
#42 AR-1268-2

R.T.: 8.239 min
Delta R.T.: -0.018 min
Response: 19131582
Conc: 274.11 ng/ml



#42 AR-1268-2

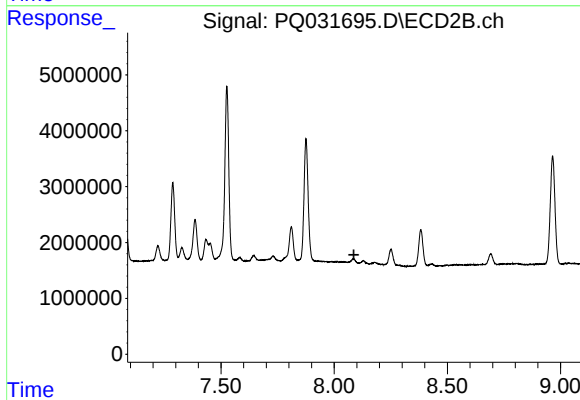
R.T.: 7.876 min
Delta R.T.: -0.002 min
Response: 28117967
Conc: 93.02 ng/ml



#43 AR-1268-3

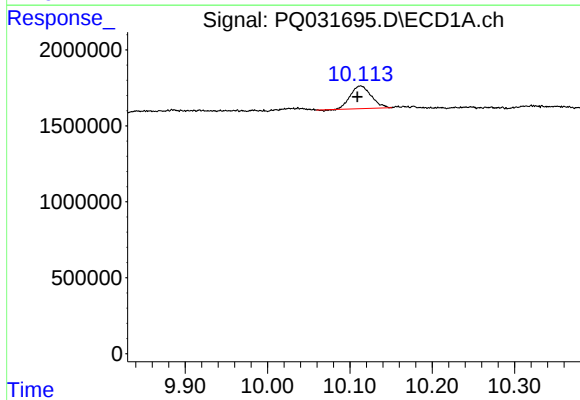
R.T.: 8.916 min
Delta R.T.: 0.024 min
Response: 25087224
Conc: 76.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



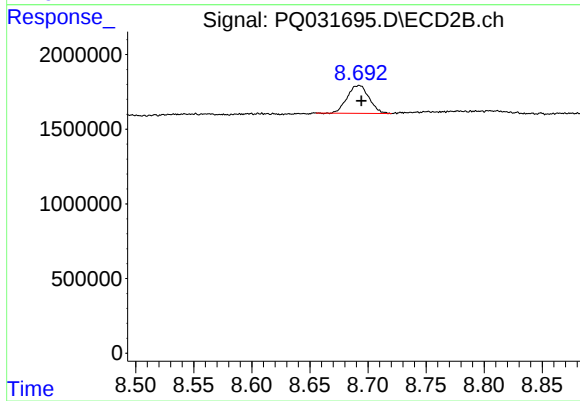
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.087 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.113 min
Delta R.T.: 0.004 min
Response: 2631306
Conc: 3.08 ng/ml



#45 AR-1268-5

R.T.: 8.693 min
Delta R.T.: -0.002 min
Response: 2444213
Conc: 2.90 ng/ml