

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100318\
 Data File : PQ032615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2018 22:26
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:57:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 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...	4.588	3.868	124.1E6	98509424	53.542	49.188
2)	SA Decachlor...	10.440	8.935	82931806	63658971	39.782	32.875
Target Compounds							
3)	L1 AR-1016-1	5.302	4.548	29637116	23335143	560.011	483.629
4)	L1 AR-1016-2	5.498	4.963	29988996	35968857	571.873	533.012
5)	L1 AR-1016-3	5.766	4.983	41967364	50199295	569.031	537.289
6)	L1 AR-1016-4	5.852	5.040	37674362	32863601	551.909	553.526
7)	L1 AR-1016-5	6.246	5.417	31102269	27987105	571.140	535.515
8)	L2 AR-1221-1	4.795	4.081	3496441	3024724	148.284	149.200
9)	L2 AR-1221-2	4.887	4.170	5242752	4872406	298.689	311.877
10)	L2 AR-1221-3	4.964	4.246	20731422	17025515	374.320	347.654
11)	L3 AR-1232-1	5.789	4.743	62387063	25310940	1505.172	1452.133
12)	L3 AR-1232-2	5.952	4.857	30664817	7391337	1482.353	1464.899
13)	L3 AR-1232-3	6.122	5.243	9683030	24975293	1680.253	1592.318
14)	L3 AR-1232-4	6.457	5.567	7874070	29903117	1632.381	1619.236
15)	L3 AR-1232-5	7.320	6.145	7605307	2885151	2953.349	1011.121 #
16)	L4 AR-1242-1	5.332	4.569	17415737	12822835	787.120	645.081
17)	L4 AR-1242-2	6.085	5.161	28050404	26497160	772.622	738.585
18)	L4 AR-1242-3	6.287	5.275	13574080	8290257	796.541	704.158
19)	L4 AR-1242-4	6.332	5.639	10527050	7662001	691.390	734.792
20)	L4 AR-1242-5	6.388	6.012	33617515	2361385	739.844	99.485 #
21)	L5 AR-1248-1	6.039	5.200	26235971	20227639	453.343	411.277
22)	L5 AR-1248-2	6.623	5.769	28398649	27680610	505.254	302.798 #
23)	L5 AR-1248-3	6.650	5.810	10294349	7091290	137.628	112.122
24)	L5 AR-1248-4	6.689	5.987	8773710	1304460	123.935	23.910 #
25)	L5 AR-1248-5	6.840	6.335	23596271	47094839	515.875	1157.090 #
26)	L6 AR-1254-1	6.840	5.915	23596271	19357414	142.304	160.996
27)	L6 AR-1254-2	7.125	6.232	4018829	8257571	39.510	83.553 #
28)	L6 AR-1254-3	7.211	6.549	12311425	3946327	67.696	31.468 #
29)	L6 AR-1254-4	7.496	6.874	10603417	5927562	79.576	67.388
30)	L6 AR-1254-5	7.793	6.967	6801623	68440398	66.522	394.006 #
31)	L7 AR-1260-1	7.374	6.451	57841759	54574466	495.898	509.359
32)	L7 AR-1260-2	7.629	6.637	66486960	63057418	495.454	487.515
33)	L7 AR-1260-3	7.915	6.794	75525026	54195836	487.417	449.109
34)	L7 AR-1260-4	8.222	7.265	52021339	45329895	455.383	462.780
35)	L7 AR-1260-5	8.553	7.505	100.3E6	107.5E6	440.282	450.253
36)	L8 AR-1262-1	7.269	6.335	37655797	47094839	636.956	894.289 #
37)	L8 AR-1262-2	8.048	7.057	23909732	24007751	474.334	475.842
38)	L8 AR-1262-3	8.308	7.363	24661494	24370877	433.785	446.149
39)	L8 AR-1262-4	8.954	7.789	36007050	20965702	314.154	234.574 #
40)	L8 AR-1262-5	9.657	8.359	24592560	23697783	302.543	299.702
41)	L9 AR-1268-1	7.989	7.003	45673958	48694078	869.347	966.349

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

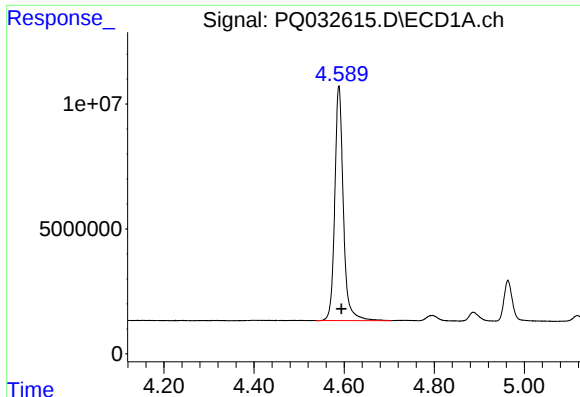
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:57:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.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	8.222	7.853	52021339	73466039	763.868	276.754 #
43) L9	AR-1268-3	8.896	8.060	61504801	1104746	211.298	5.057 #
44) L9	AR-1268-4	0.000	8.154	0	1193864	N.D.	20.782 #
45) L9	AR-1268-5	10.086	8.665	6189657	6391411	8.340	8.984

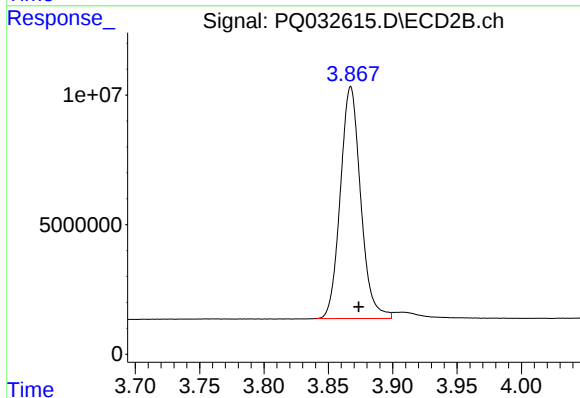
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

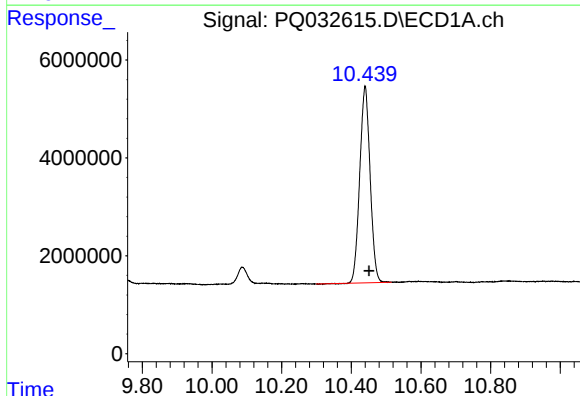
R.T.: 4.588 min
Delta R.T.: -0.006 min
Response: 124149204
Conc: 53.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



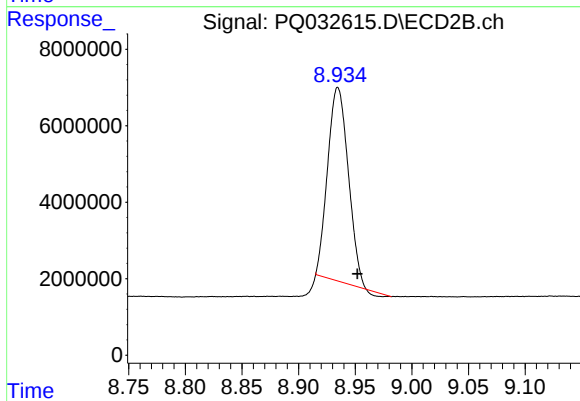
#1 Tetrachloro-m-xylene

R.T.: 3.868 min
Delta R.T.: -0.006 min
Response: 98509424
Conc: 49.19 ng/ml



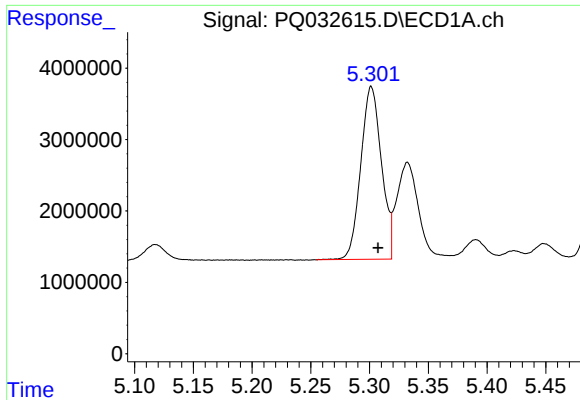
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: -0.011 min
Response: 82931806
Conc: 39.78 ng/ml



#2 Decachlorobiphenyl

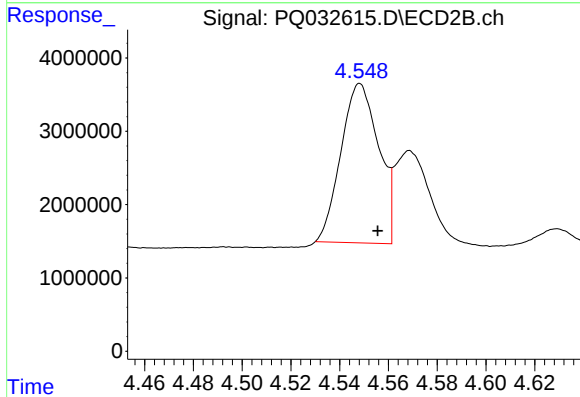
R.T.: 8.935 min
Delta R.T.: -0.017 min
Response: 63658971
Conc: 32.87 ng/ml



#3 AR-1016-1

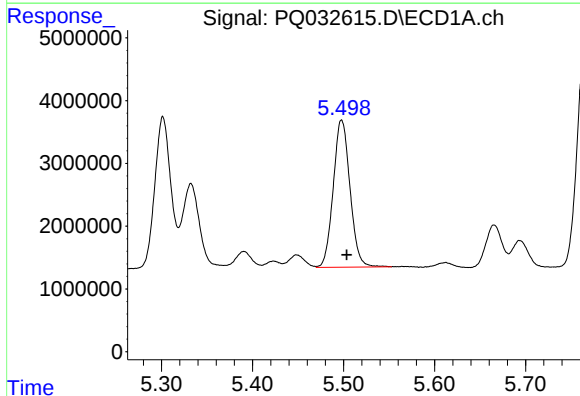
R.T.: 5.302 min
Delta R.T.: -0.006 min
Response: 29637116
Conc: 560.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



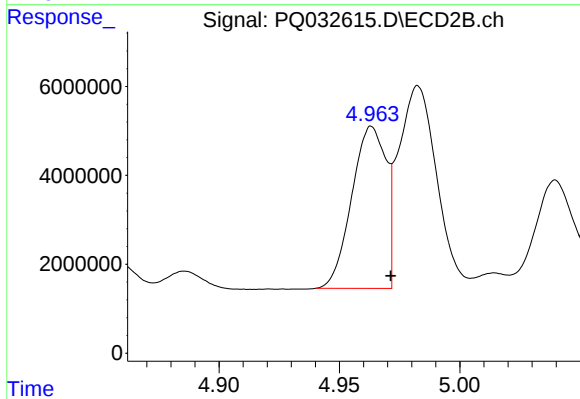
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: -0.007 min
Response: 23335143
Conc: 483.63 ng/ml



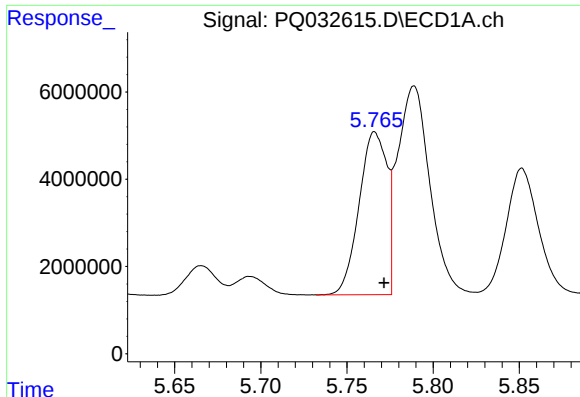
#4 AR-1016-2

R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 29988996
Conc: 571.87 ng/ml



#4 AR-1016-2

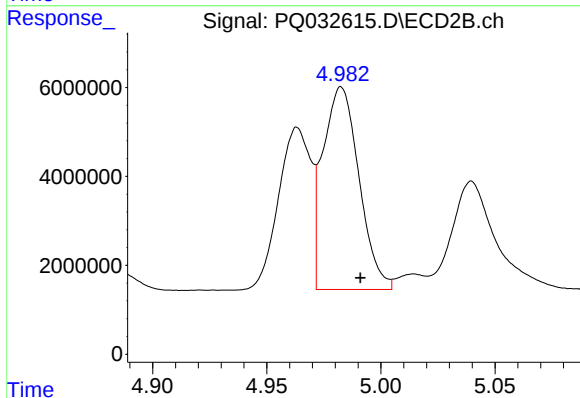
R.T.: 4.963 min
Delta R.T.: -0.008 min
Response: 35968857
Conc: 533.01 ng/ml



#5 AR-1016-3

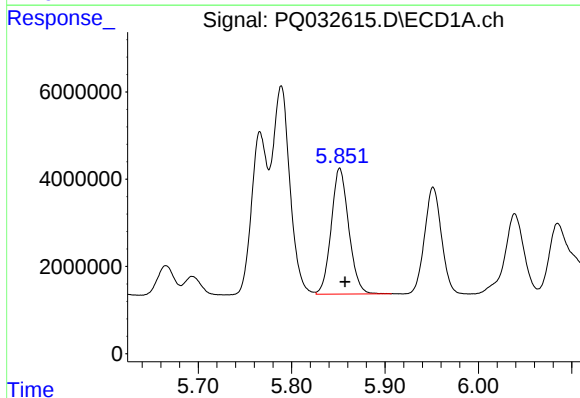
R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 41967364
Conc: 569.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



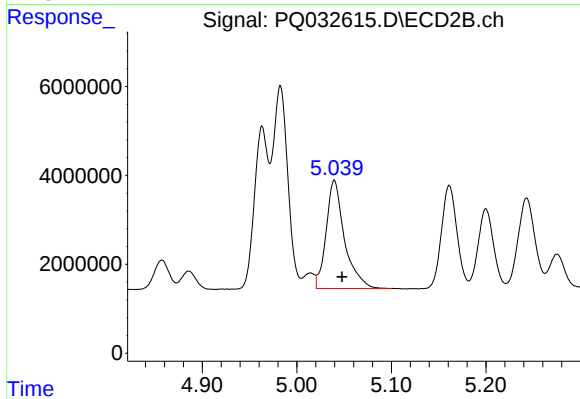
#5 AR-1016-3

R.T.: 4.983 min
Delta R.T.: -0.008 min
Response: 50199295
Conc: 537.29 ng/ml



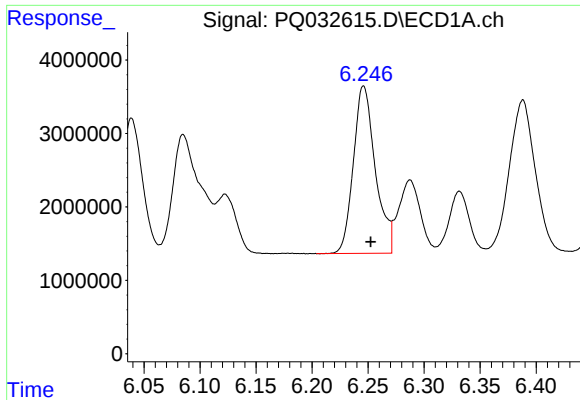
#6 AR-1016-4

R.T.: 5.852 min
Delta R.T.: -0.006 min
Response: 37674362
Conc: 551.91 ng/ml



#6 AR-1016-4

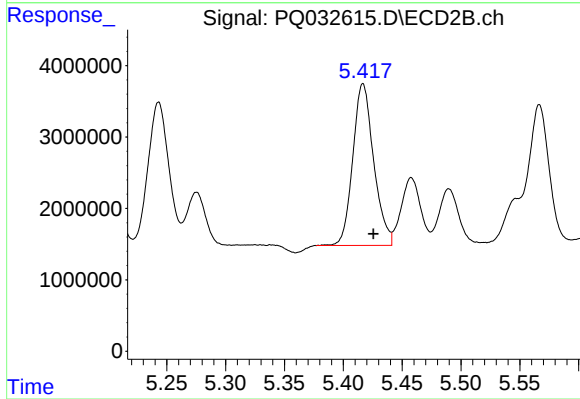
R.T.: 5.040 min
Delta R.T.: -0.008 min
Response: 32863601
Conc: 553.53 ng/ml



#7 AR-1016-5

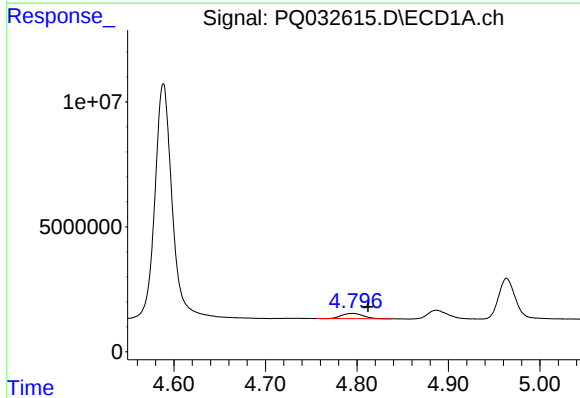
R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 31102269
Conc: 571.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



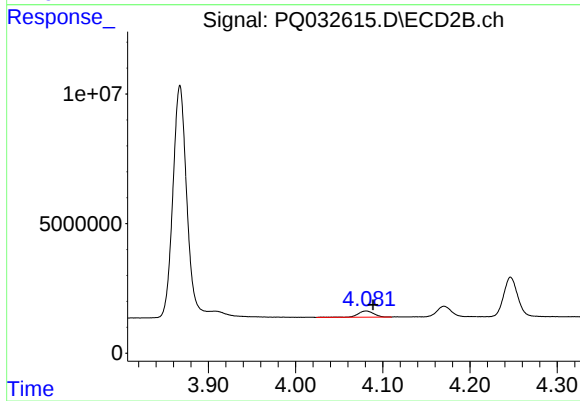
#7 AR-1016-5

R.T.: 5.417 min
Delta R.T.: -0.009 min
Response: 27987105
Conc: 535.51 ng/ml



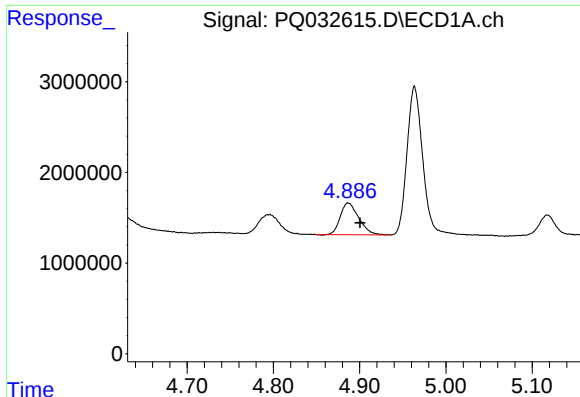
#8 AR-1221-1

R.T.: 4.795 min
Delta R.T.: -0.017 min
Response: 3496441
Conc: 148.28 ng/ml



#8 AR-1221-1

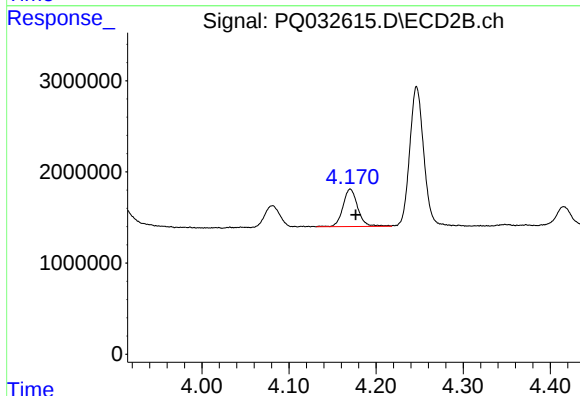
R.T.: 4.081 min
Delta R.T.: -0.007 min
Response: 3024724
Conc: 149.20 ng/ml



#9 AR-1221-2

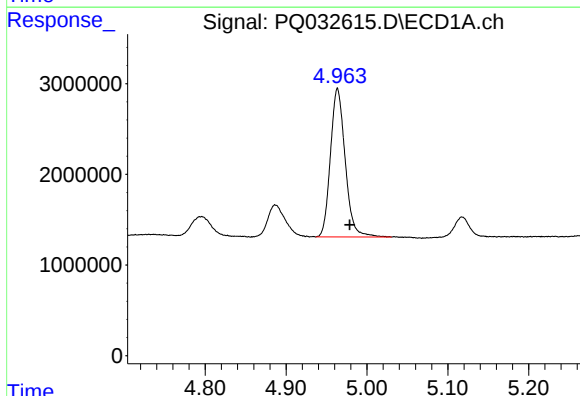
R.T.: 4.887 min
Delta R.T.: -0.014 min
Response: 5242752
Conc: 298.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



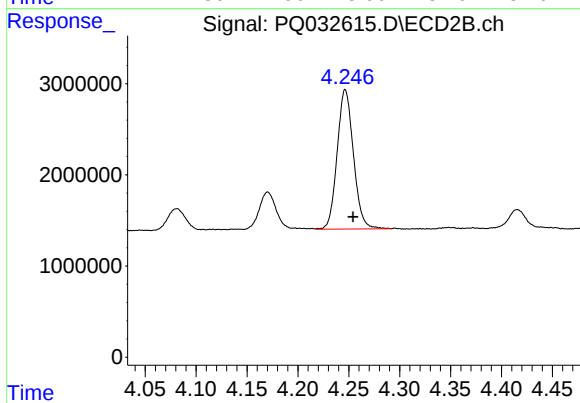
#9 AR-1221-2

R.T.: 4.170 min
Delta R.T.: -0.006 min
Response: 4872406
Conc: 311.88 ng/ml



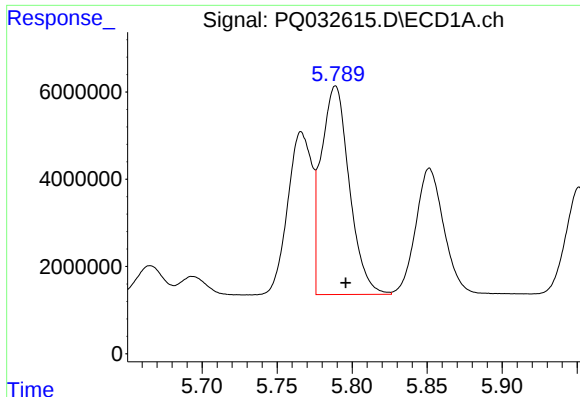
#10 AR-1221-3

R.T.: 4.964 min
Delta R.T.: -0.015 min
Response: 20731422
Conc: 374.32 ng/ml



#10 AR-1221-3

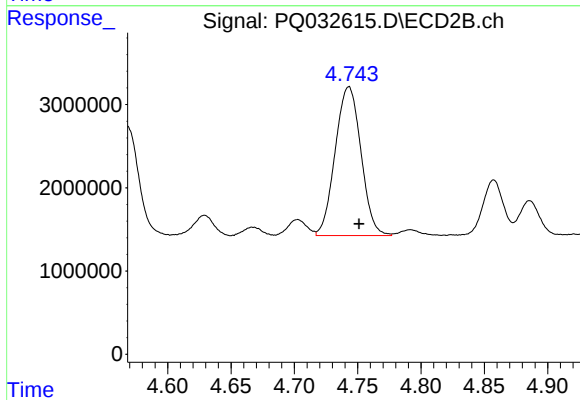
R.T.: 4.246 min
Delta R.T.: -0.008 min
Response: 17025515
Conc: 347.65 ng/ml



#11 AR-1232-1

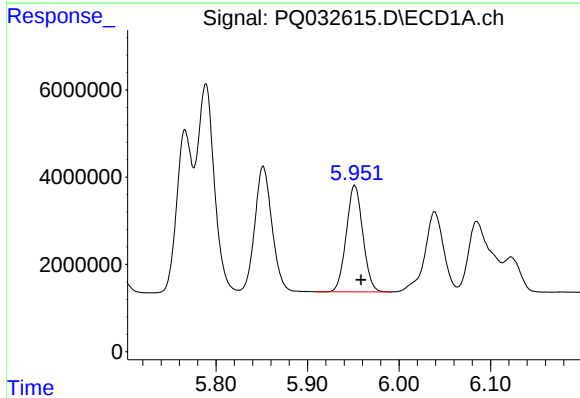
R.T.: 5.789 min
Delta R.T.: -0.007 min
Response: 62387063
Conc: 1505.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



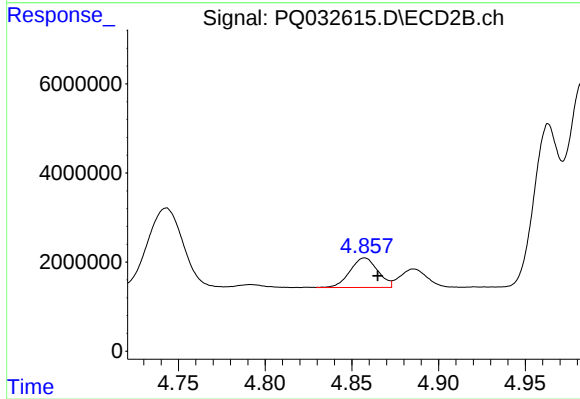
#11 AR-1232-1

R.T.: 4.743 min
Delta R.T.: -0.008 min
Response: 25310940
Conc: 1452.13 ng/ml



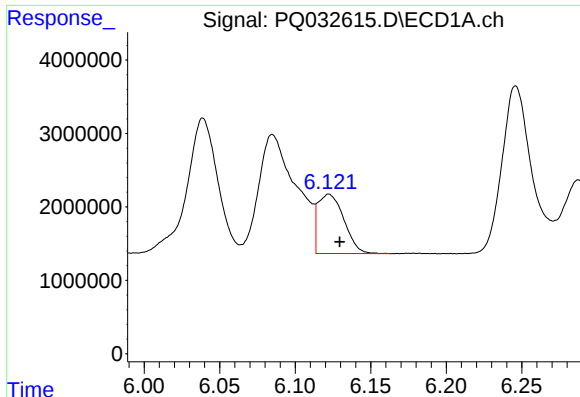
#12 AR-1232-2

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 30664817
Conc: 1482.35 ng/ml



#12 AR-1232-2

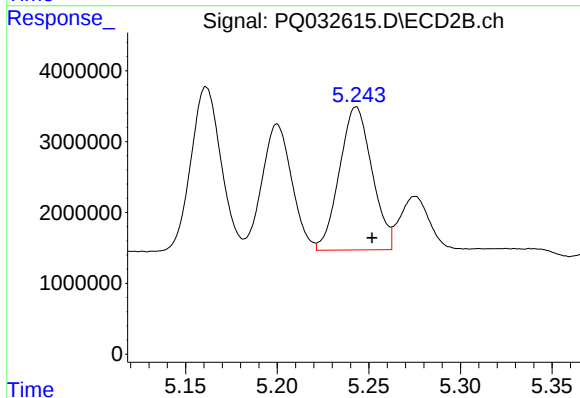
R.T.: 4.857 min
Delta R.T.: -0.008 min
Response: 7391337
Conc: 1464.90 ng/ml



#13 AR-1232-3

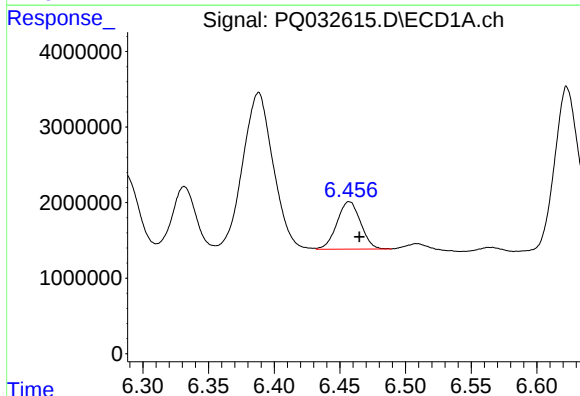
R.T.: 6.122 min
Delta R.T.: -0.007 min
Response: 9683030
Conc: 1680.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



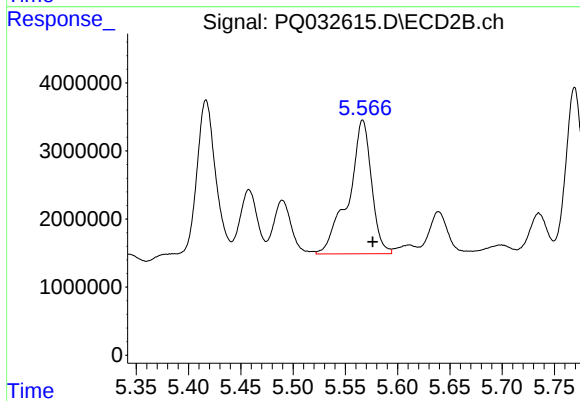
#13 AR-1232-3

R.T.: 5.243 min
Delta R.T.: -0.009 min
Response: 24975293
Conc: 1592.32 ng/ml



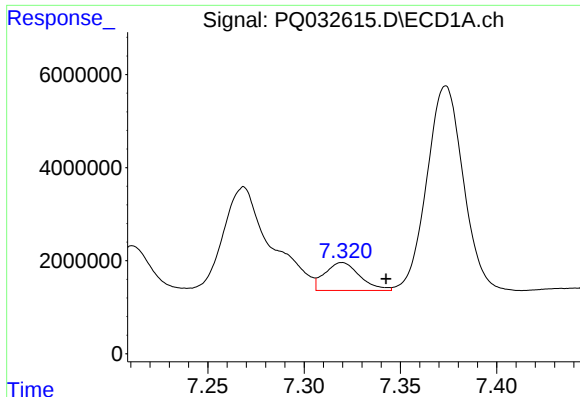
#14 AR-1232-4

R.T.: 6.457 min
Delta R.T.: -0.008 min
Response: 7874070
Conc: 1632.38 ng/ml



#14 AR-1232-4

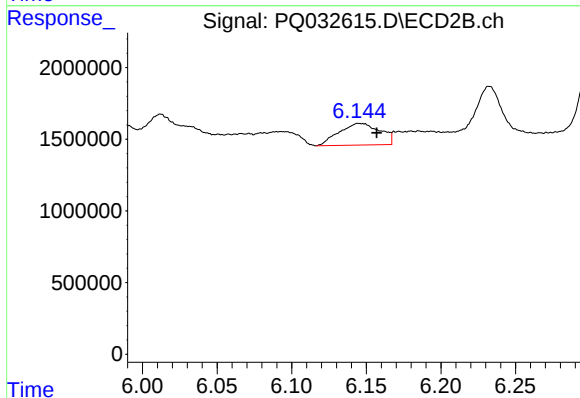
R.T.: 5.567 min
Delta R.T.: -0.010 min
Response: 29903117
Conc: 1619.24 ng/ml



#15 AR-1232-5

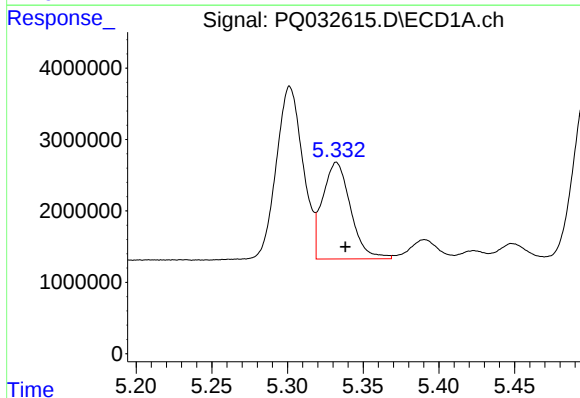
R.T.: 7.320 min
Delta R.T.: -0.023 min
Response: 7605307
Conc: 2953.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



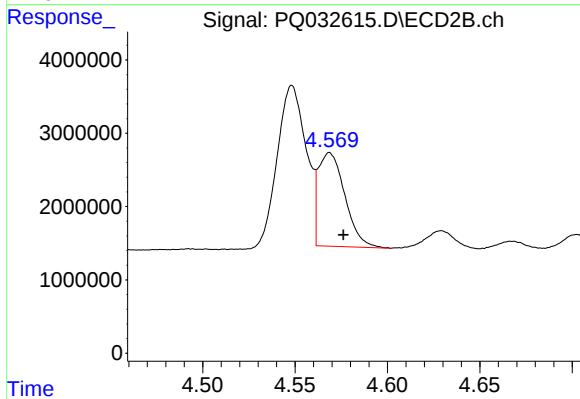
#15 AR-1232-5

R.T.: 6.145 min
Delta R.T.: -0.012 min
Response: 2885151
Conc: 1011.12 ng/ml



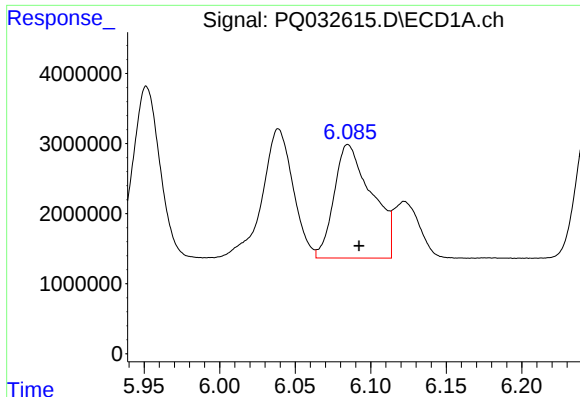
#16 AR-1242-1

R.T.: 5.332 min
Delta R.T.: -0.006 min
Response: 17415737
Conc: 787.12 ng/ml



#16 AR-1242-1

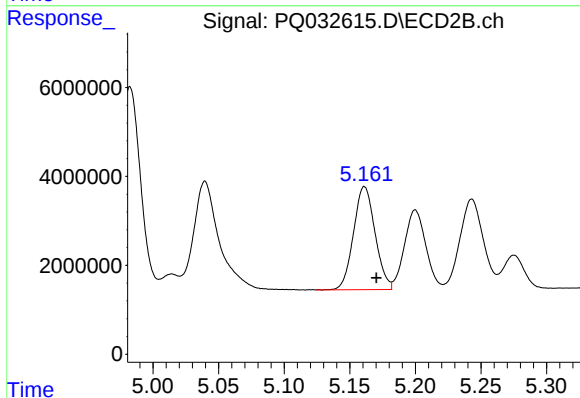
R.T.: 4.569 min
Delta R.T.: -0.007 min
Response: 12822835
Conc: 645.08 ng/ml



#17 AR-1242-2

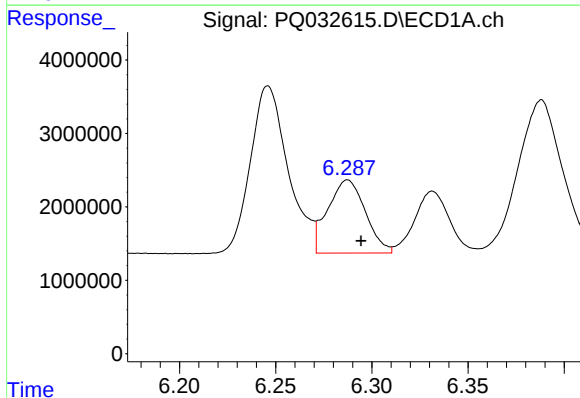
R.T.: 6.085 min
Delta R.T.: -0.007 min
Response: 28050404
Conc: 772.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



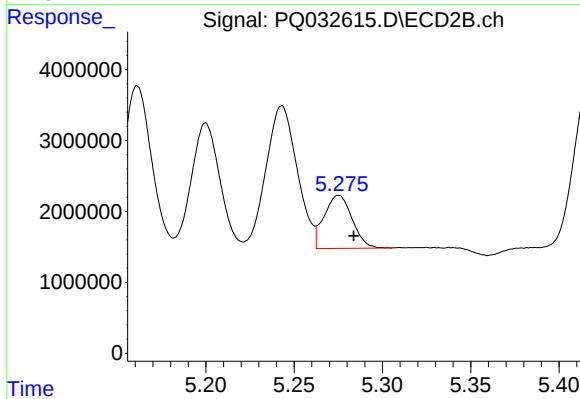
#17 AR-1242-2

R.T.: 5.161 min
Delta R.T.: -0.009 min
Response: 26497160
Conc: 738.58 ng/ml



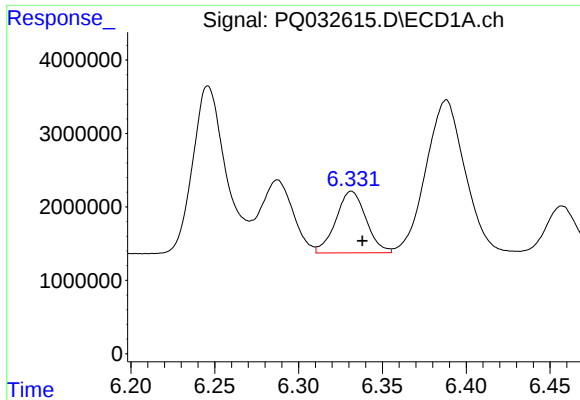
#18 AR-1242-3

R.T.: 6.287 min
Delta R.T.: -0.007 min
Response: 13574080
Conc: 796.54 ng/ml



#18 AR-1242-3

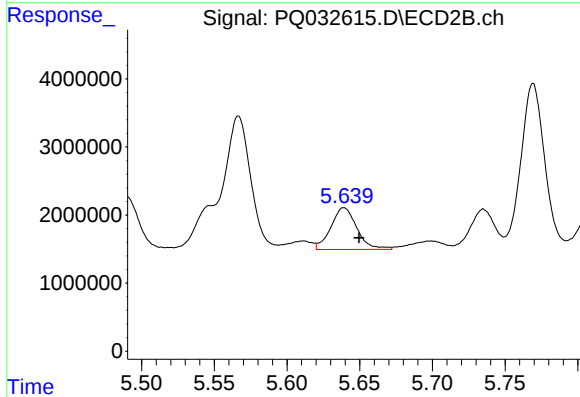
R.T.: 5.275 min
Delta R.T.: -0.009 min
Response: 8290257
Conc: 704.16 ng/ml



#19 AR-1242-4

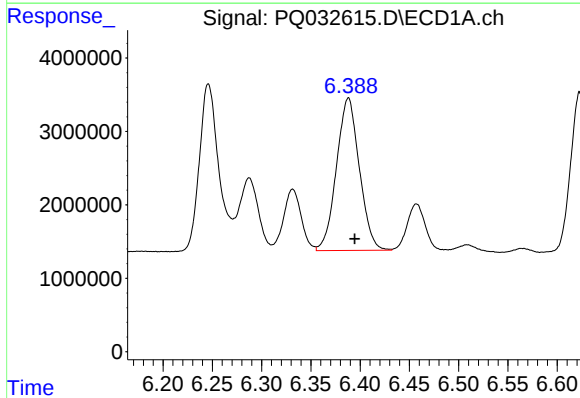
R.T.: 6.332 min
Delta R.T.: -0.007 min
Response: 10527050
Conc: 691.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



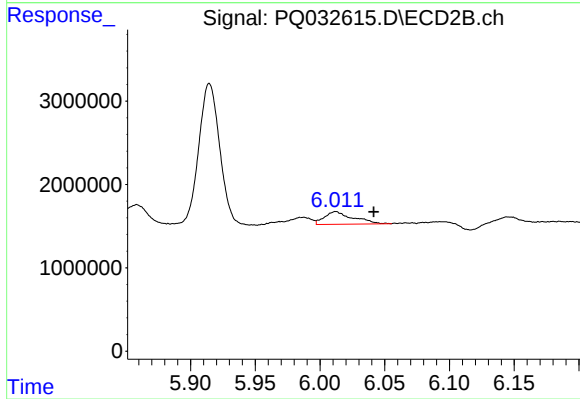
#19 AR-1242-4

R.T.: 5.639 min
Delta R.T.: -0.010 min
Response: 7662001
Conc: 734.79 ng/ml



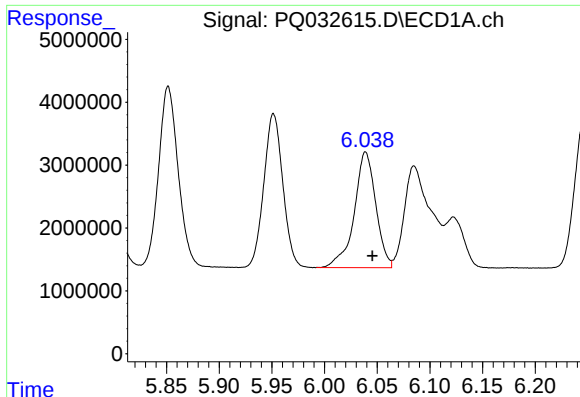
#20 AR-1242-5

R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 33617515
Conc: 739.84 ng/ml



#20 AR-1242-5

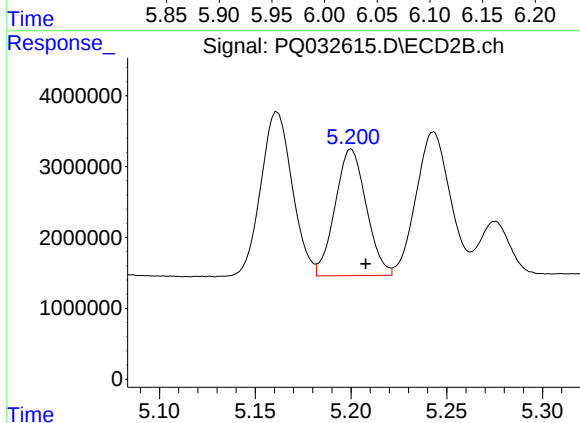
R.T.: 6.012 min
Delta R.T.: -0.029 min
Response: 2361385
Conc: 99.48 ng/ml



#21 AR-1248-1

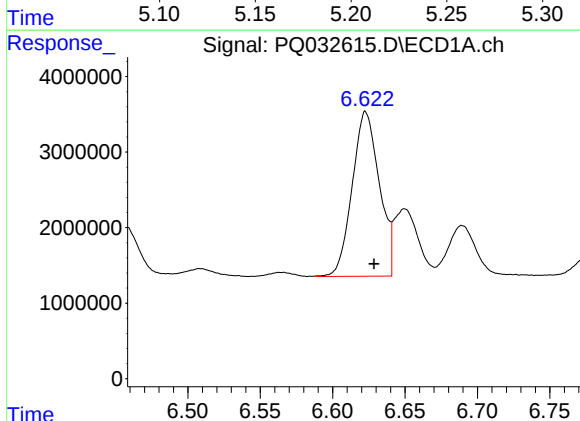
R.T.: 6.039 min
Delta R.T.: -0.006 min
Response: 26235971
Conc: 453.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



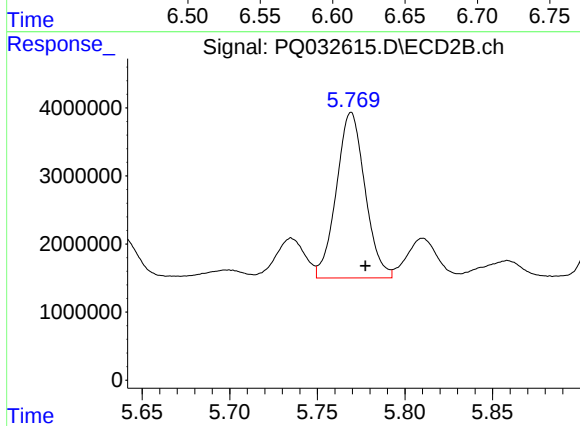
#21 AR-1248-1

R.T.: 5.200 min
Delta R.T.: -0.008 min
Response: 20227639
Conc: 411.28 ng/ml



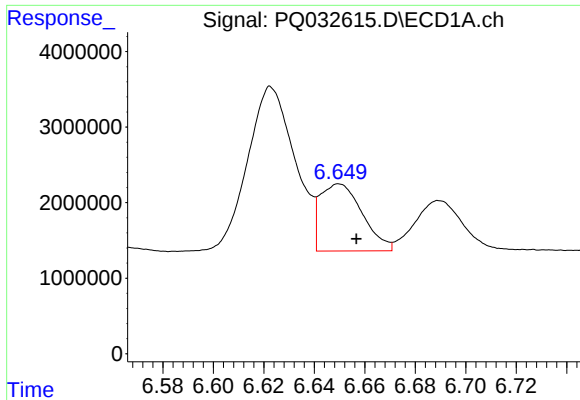
#22 AR-1248-2

R.T.: 6.623 min
Delta R.T.: -0.006 min
Response: 28398649
Conc: 505.25 ng/ml



#22 AR-1248-2

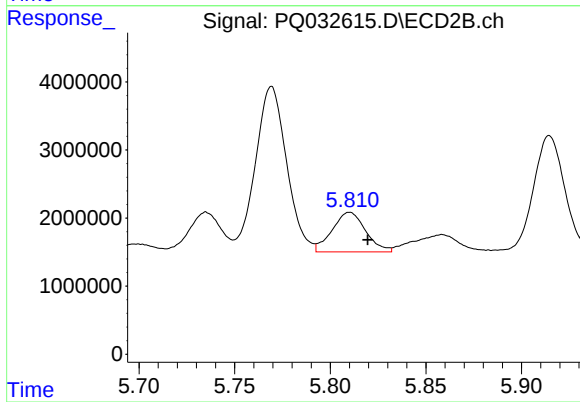
R.T.: 5.769 min
Delta R.T.: -0.008 min
Response: 27680610
Conc: 302.80 ng/ml



#23 AR-1248-3

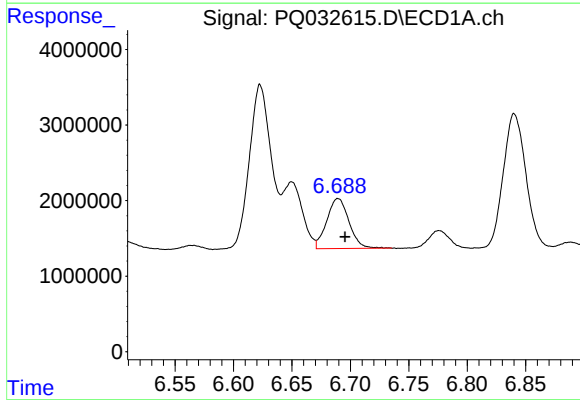
R.T.: 6.650 min
Delta R.T.: -0.007 min
Response: 10294349
Conc: 137.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



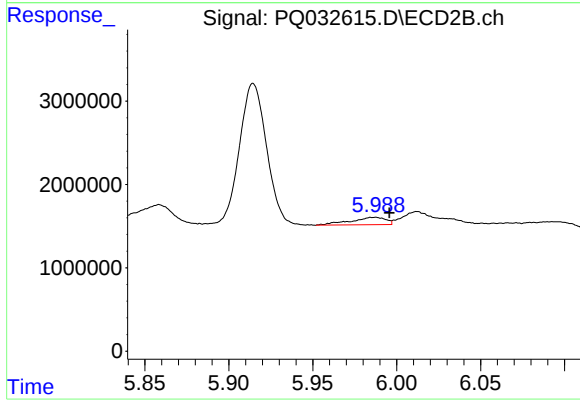
#23 AR-1248-3

R.T.: 5.810 min
Delta R.T.: -0.009 min
Response: 7091290
Conc: 112.12 ng/ml



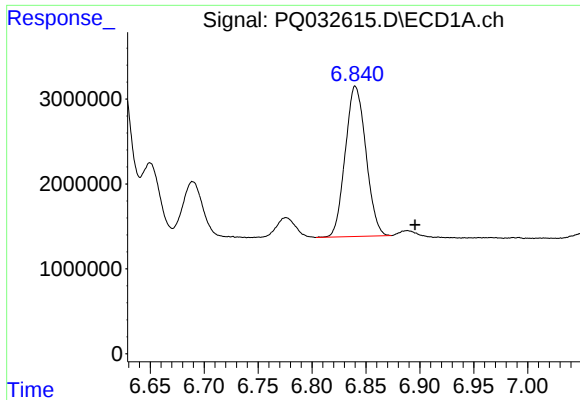
#24 AR-1248-4

R.T.: 6.689 min
Delta R.T.: -0.006 min
Response: 8773710
Conc: 123.93 ng/ml



#24 AR-1248-4

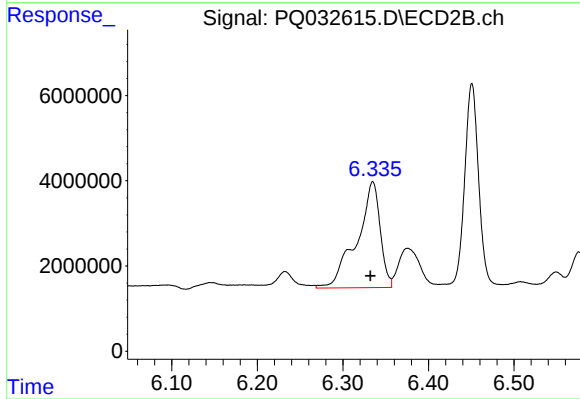
R.T.: 5.987 min
Delta R.T.: -0.009 min
Response: 1304460
Conc: 23.91 ng/ml



#25 AR-1248-5

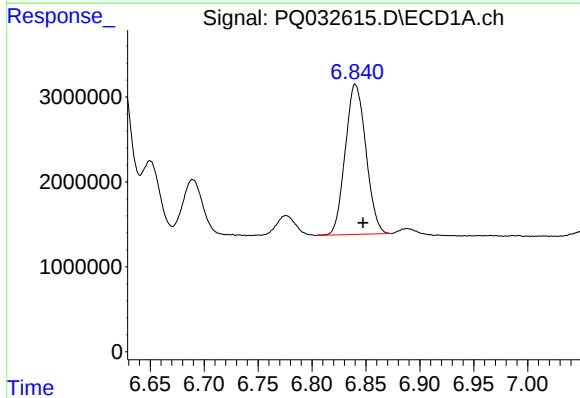
R.T.: 6.840 min
Delta R.T.: -0.055 min
Response: 23596271
Conc: 515.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



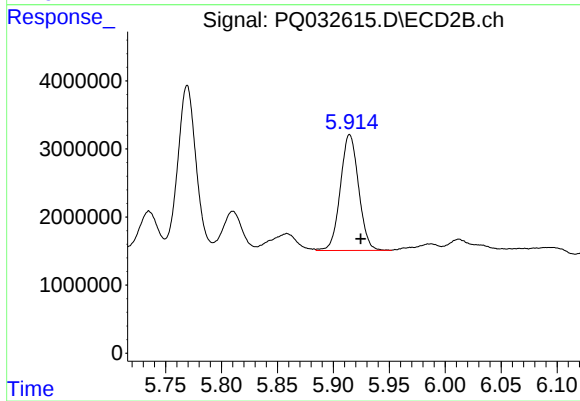
#25 AR-1248-5

R.T.: 6.335 min
Delta R.T.: 0.003 min
Response: 47094839
Conc: 1157.09 ng/ml



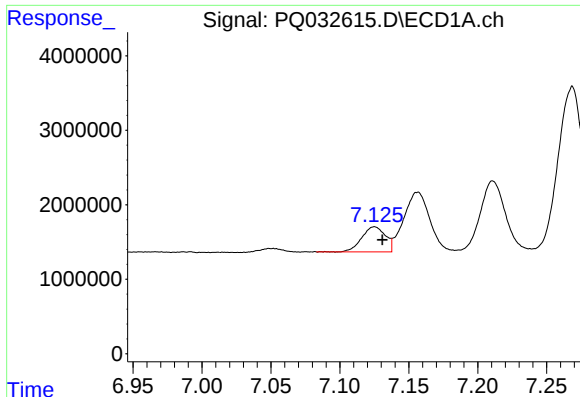
#26 AR-1254-1

R.T.: 6.840 min
Delta R.T.: -0.007 min
Response: 23596271
Conc: 142.30 ng/ml



#26 AR-1254-1

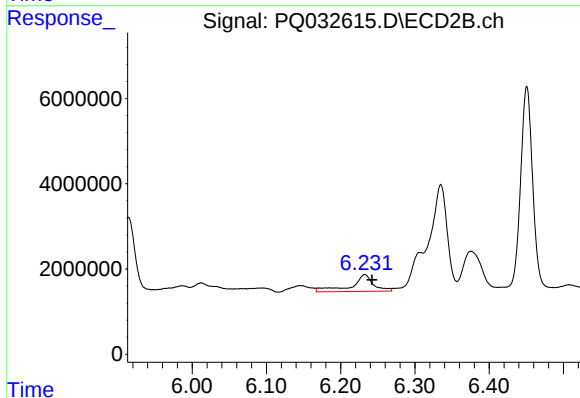
R.T.: 5.915 min
Delta R.T.: -0.010 min
Response: 19357414
Conc: 161.00 ng/ml



#27 AR-1254-2

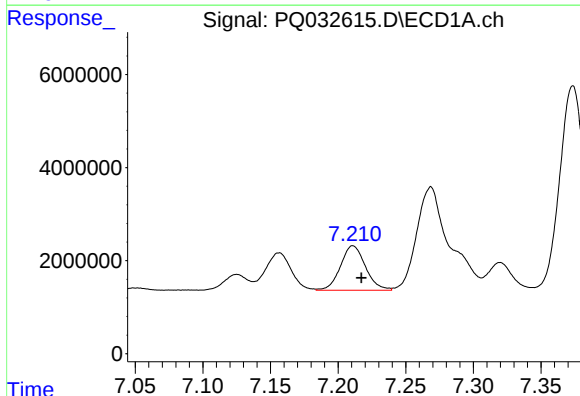
R.T.: 7.125 min
Delta R.T.: -0.006 min
Response: 4018829
Conc: 39.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



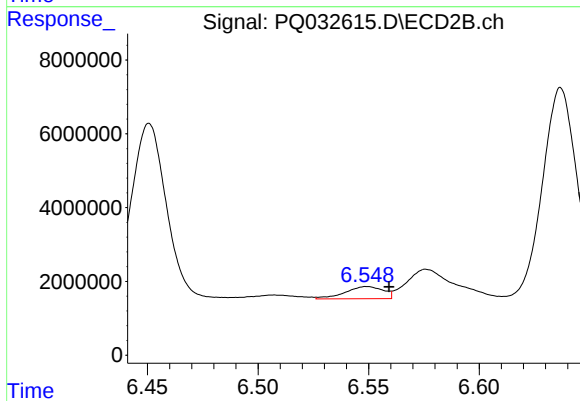
#27 AR-1254-2

R.T.: 6.232 min
Delta R.T.: -0.010 min
Response: 8257571
Conc: 83.55 ng/ml



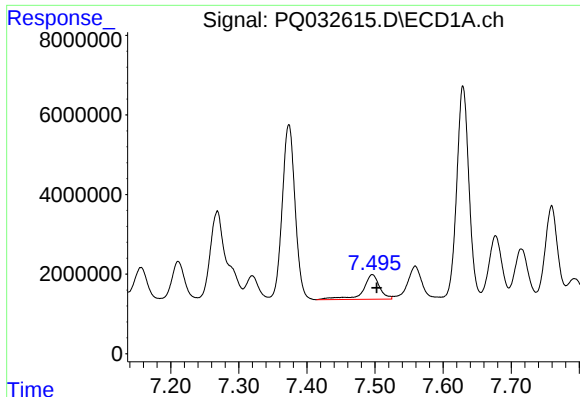
#28 AR-1254-3

R.T.: 7.211 min
Delta R.T.: -0.006 min
Response: 12311425
Conc: 67.70 ng/ml



#28 AR-1254-3

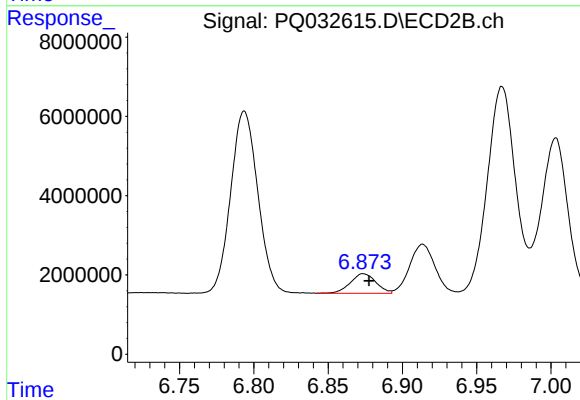
R.T.: 6.549 min
Delta R.T.: -0.010 min
Response: 3946327
Conc: 31.47 ng/ml



#29 AR-1254-4

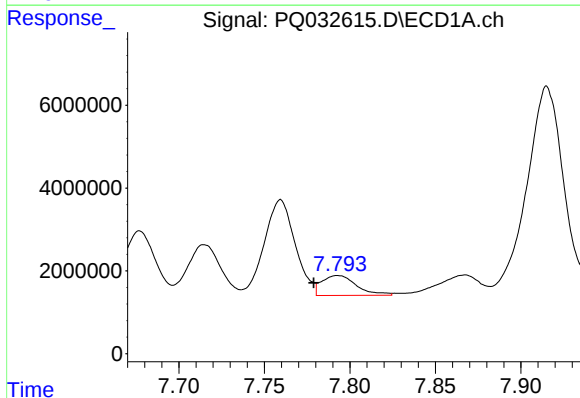
R.T.: 7.496 min
Delta R.T.: -0.007 min
Response: 10603417
Conc: 79.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



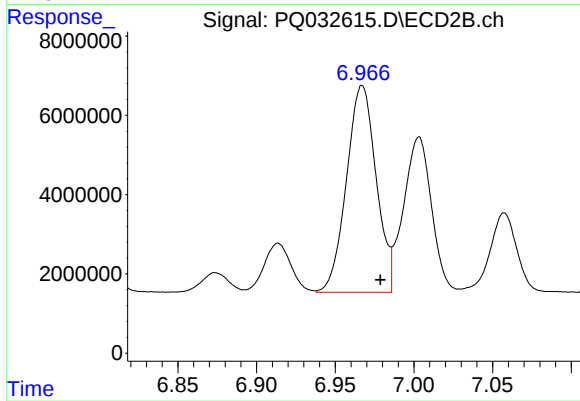
#29 AR-1254-4

R.T.: 6.874 min
Delta R.T.: -0.004 min
Response: 5927562
Conc: 67.39 ng/ml



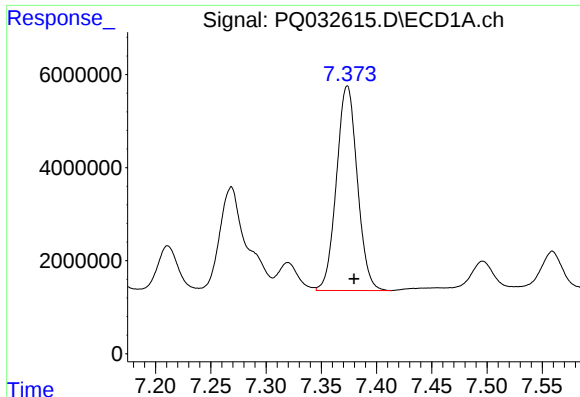
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.014 min
Response: 6801623
Conc: 66.52 ng/ml



#30 AR-1254-5

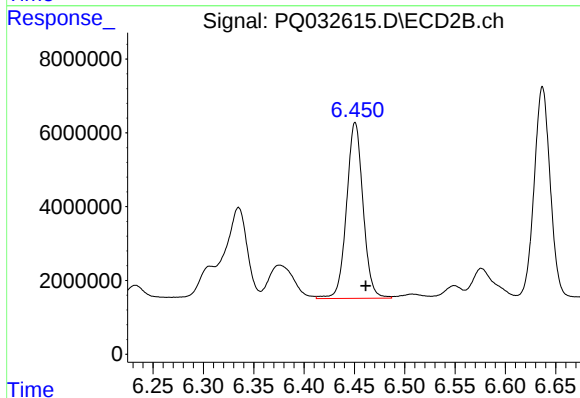
R.T.: 6.967 min
Delta R.T.: -0.012 min
Response: 68440398
Conc: 394.01 ng/ml



#31 AR-1260-1

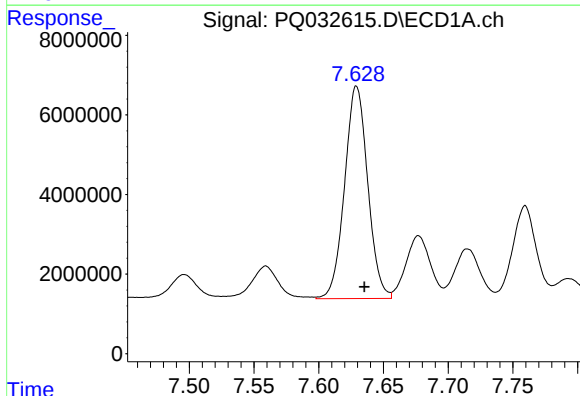
R.T.: 7.374 min
Delta R.T.: -0.006 min
Response: 57841759
Conc: 495.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



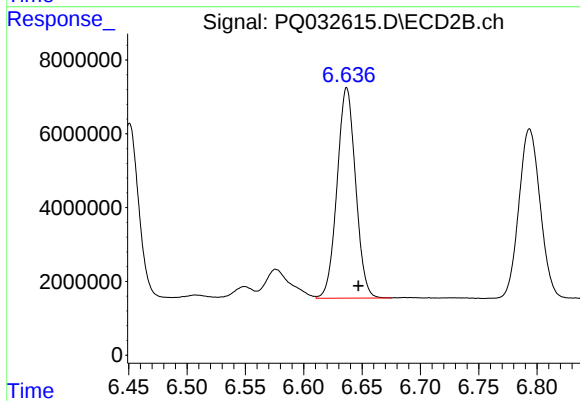
#31 AR-1260-1

R.T.: 6.451 min
Delta R.T.: -0.010 min
Response: 54574466
Conc: 509.36 ng/ml



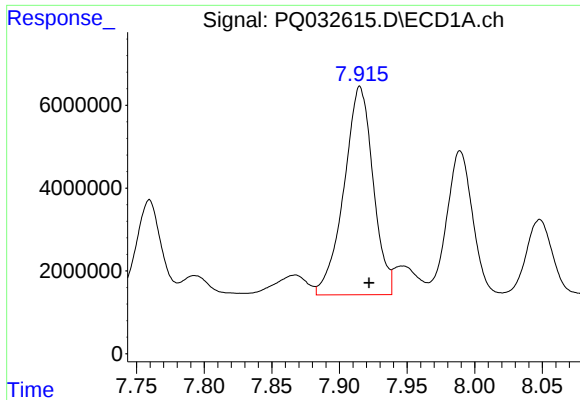
#32 AR-1260-2

R.T.: 7.629 min
Delta R.T.: -0.006 min
Response: 66486960
Conc: 495.45 ng/ml



#32 AR-1260-2

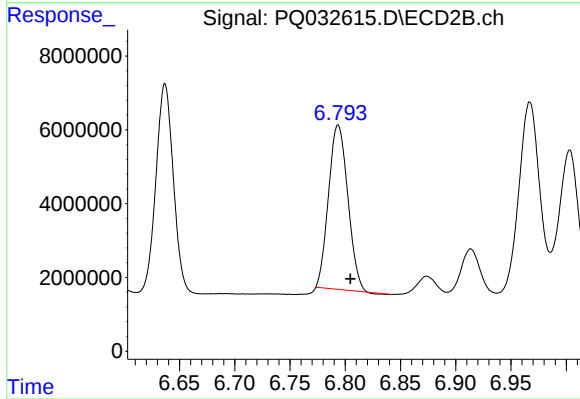
R.T.: 6.637 min
Delta R.T.: -0.010 min
Response: 63057418
Conc: 487.52 ng/ml



#33 AR-1260-3

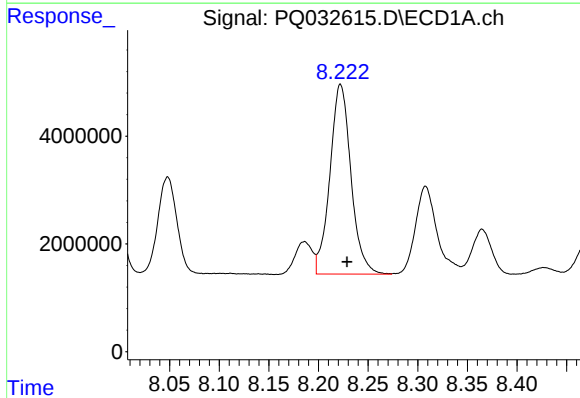
R.T.: 7.915 min
Delta R.T.: -0.007 min
Response: 75525026
Conc: 487.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



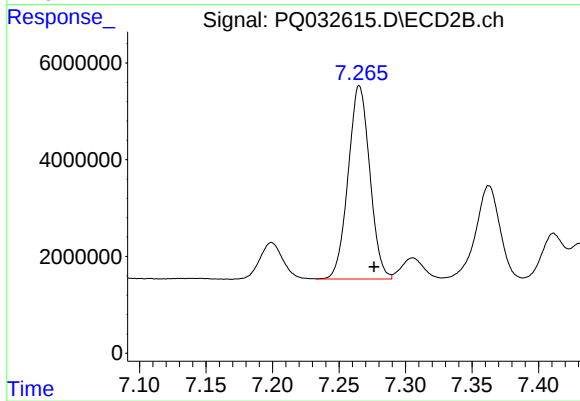
#33 AR-1260-3

R.T.: 6.794 min
Delta R.T.: -0.011 min
Response: 54195836
Conc: 449.11 ng/ml



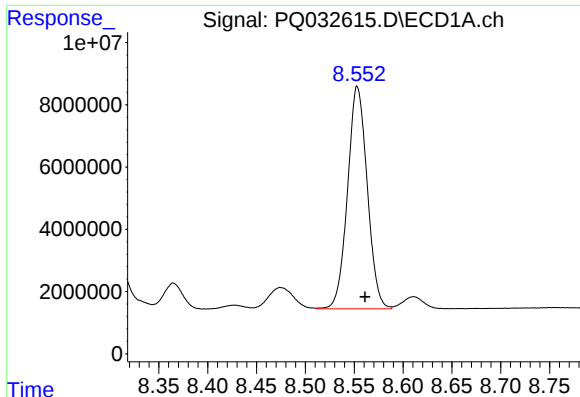
#34 AR-1260-4

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 52021339
Conc: 455.38 ng/ml



#34 AR-1260-4

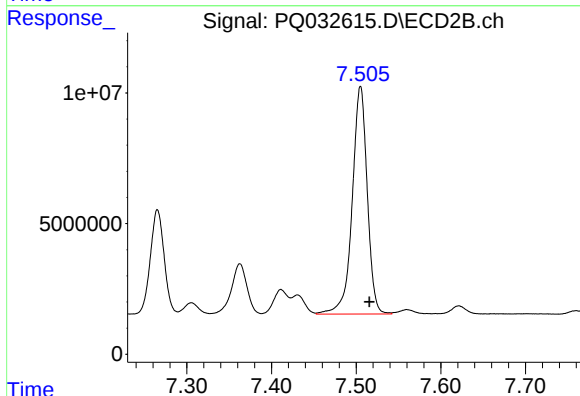
R.T.: 7.265 min
Delta R.T.: -0.011 min
Response: 45329895
Conc: 462.78 ng/ml



#35 AR-1260-5

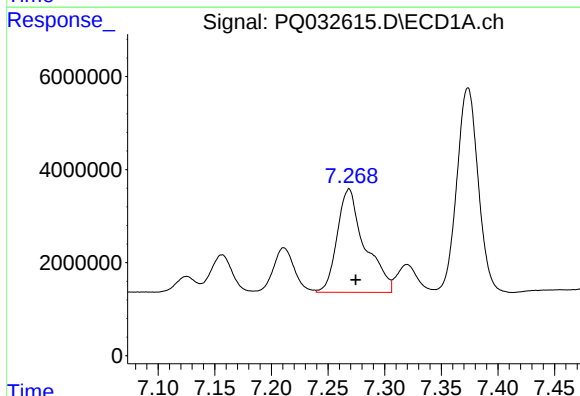
R.T.: 8.553 min
Delta R.T.: -0.008 min
Response: 100292699
Conc: 440.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



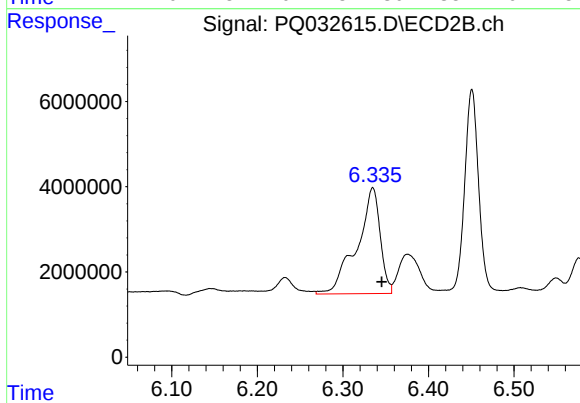
#35 AR-1260-5

R.T.: 7.505 min
Delta R.T.: -0.010 min
Response: 107519811
Conc: 450.25 ng/ml



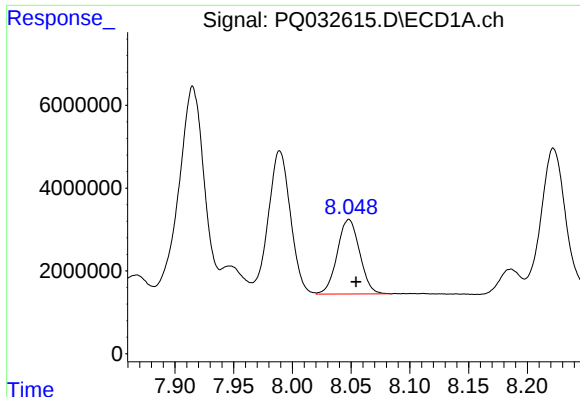
#36 AR-1262-1

R.T.: 7.269 min
Delta R.T.: -0.006 min
Response: 37655797
Conc: 636.96 ng/ml



#36 AR-1262-1

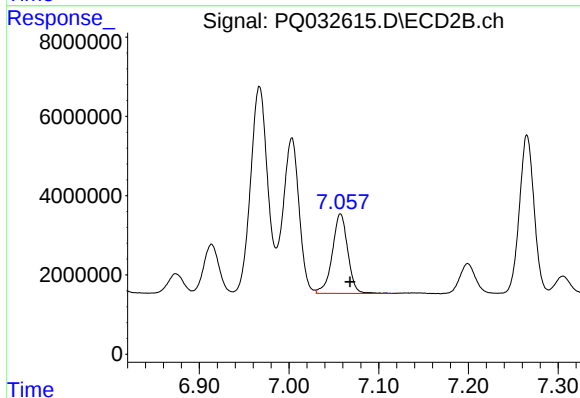
R.T.: 6.335 min
Delta R.T.: -0.011 min
Response: 47094839
Conc: 894.29 ng/ml



#37 AR-1262-2

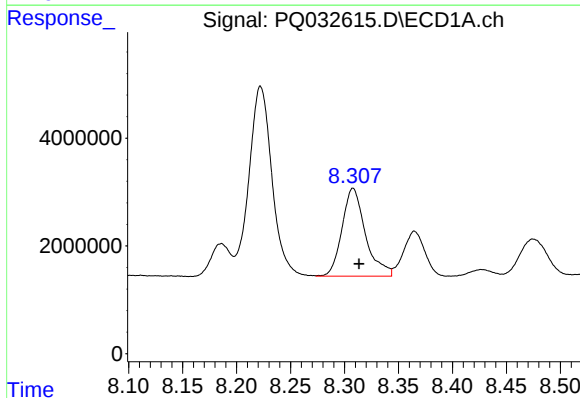
R.T.: 8.048 min
Delta R.T.: -0.006 min
Response: 23909732
Conc: 474.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



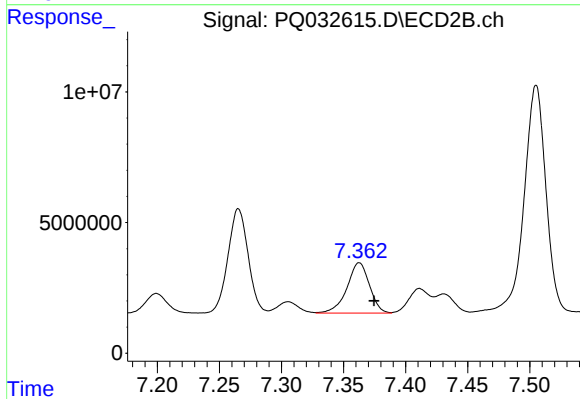
#37 AR-1262-2

R.T.: 7.057 min
Delta R.T.: -0.011 min
Response: 24007751
Conc: 475.84 ng/ml



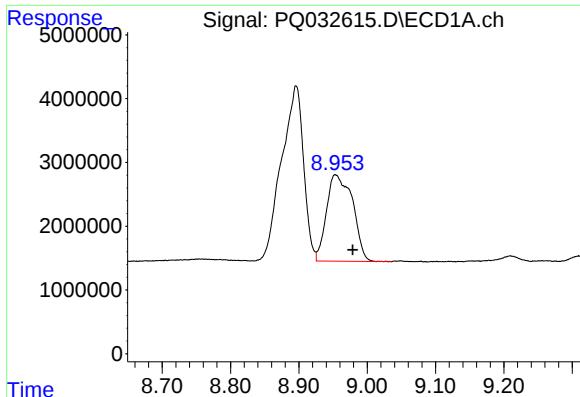
#38 AR-1262-3

R.T.: 8.308 min
Delta R.T.: -0.006 min
Response: 24661494
Conc: 433.79 ng/ml



#38 AR-1262-3

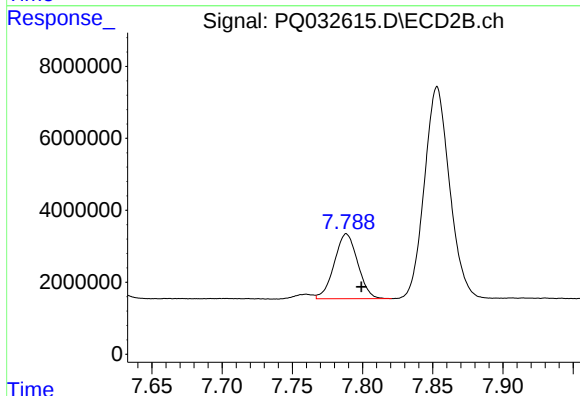
R.T.: 7.363 min
Delta R.T.: -0.012 min
Response: 24370877
Conc: 446.15 ng/ml



#39 AR-1262-4

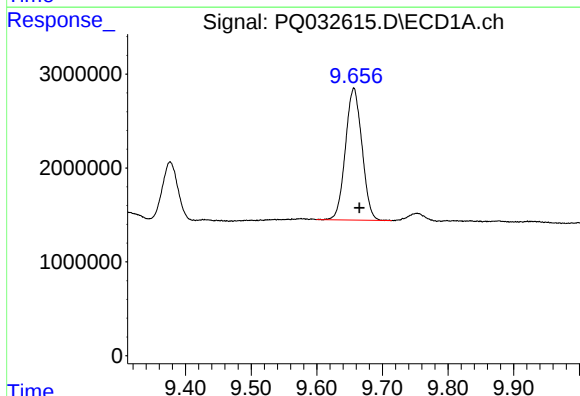
R.T.: 8.954 min
Delta R.T.: -0.025 min
Response: 36007050
Conc: 314.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



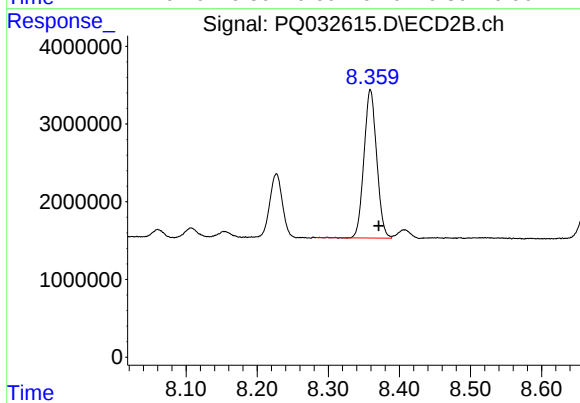
#39 AR-1262-4

R.T.: 7.789 min
Delta R.T.: -0.011 min
Response: 20965702
Conc: 234.57 ng/ml



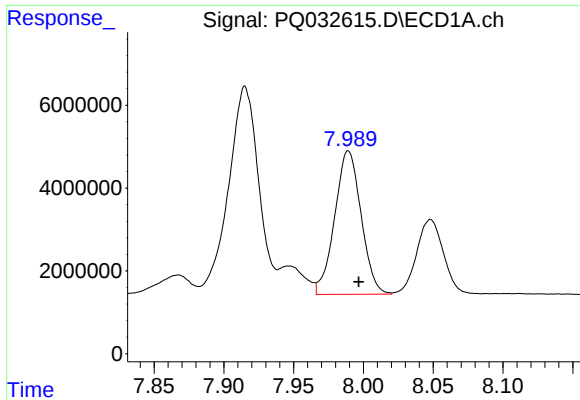
#40 AR-1262-5

R.T.: 9.657 min
Delta R.T.: -0.008 min
Response: 24592560
Conc: 302.54 ng/ml



#40 AR-1262-5

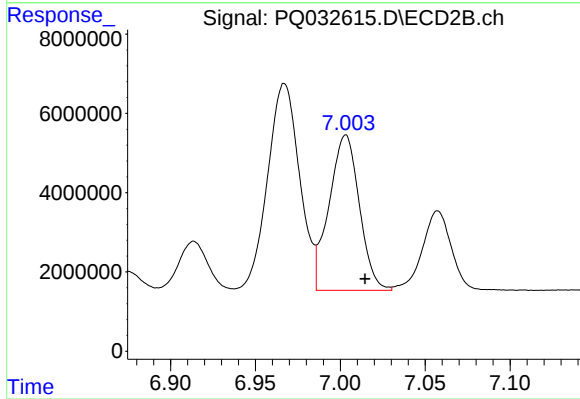
R.T.: 8.359 min
Delta R.T.: -0.012 min
Response: 23697783
Conc: 299.70 ng/ml



#41 AR-1268-1

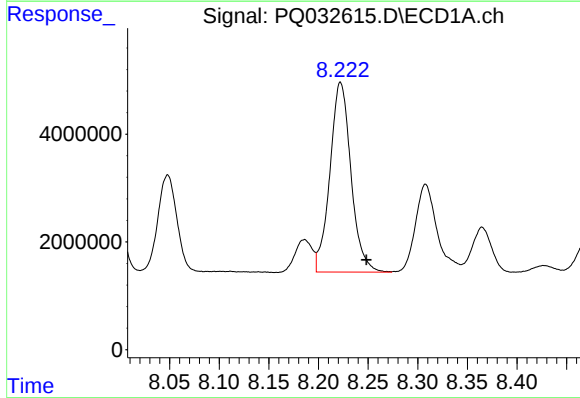
R.T.: 7.989 min
Delta R.T.: -0.008 min
Response: 45673958
Conc: 869.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



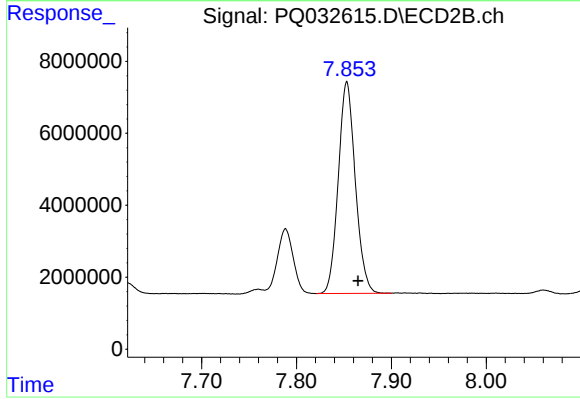
#41 AR-1268-1

R.T.: 7.003 min
Delta R.T.: -0.011 min
Response: 48694078
Conc: 966.35 ng/ml



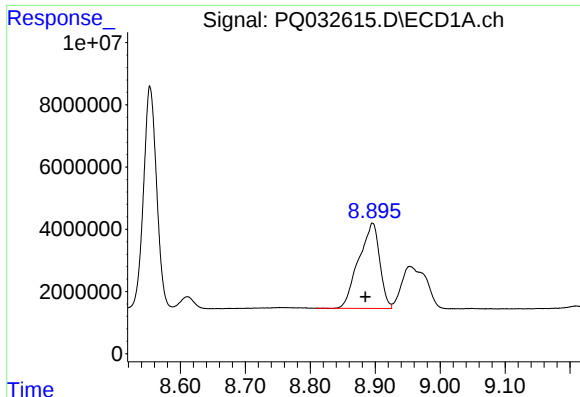
#42 AR-1268-2

R.T.: 8.222 min
Delta R.T.: -0.026 min
Response: 52021339
Conc: 763.87 ng/ml



#42 AR-1268-2

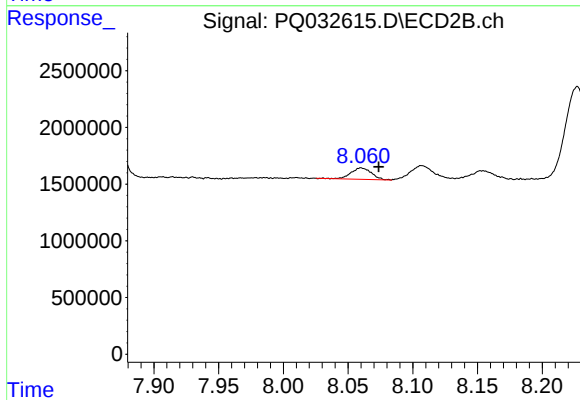
R.T.: 7.853 min
Delta R.T.: -0.012 min
Response: 73466039
Conc: 276.75 ng/ml



#43 AR-1268-3

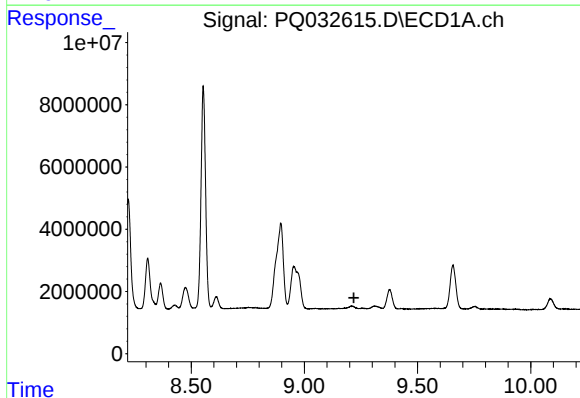
R.T.: 8.896 min
Delta R.T.: 0.011 min
Response: 61504801
Conc: 211.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



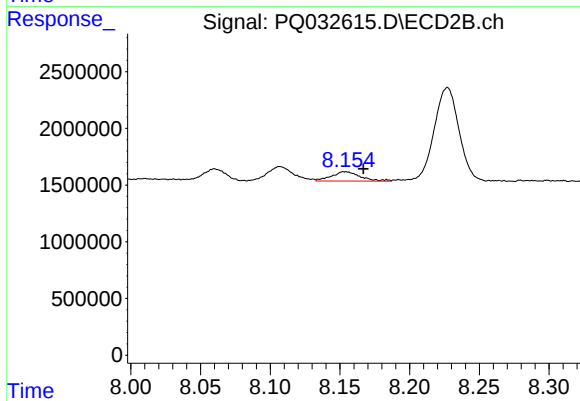
#43 AR-1268-3

R.T.: 8.060 min
Delta R.T.: -0.014 min
Response: 1104746
Conc: 5.06 ng/ml



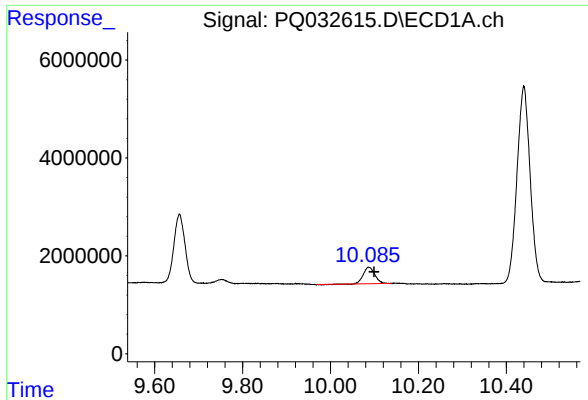
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.



#44 AR-1268-4

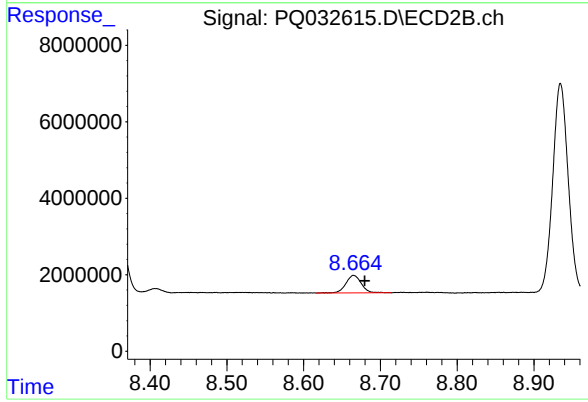
R.T.: 8.154 min
Delta R.T.: -0.013 min
Response: 1193864
Conc: 20.78 ng/ml



#45 AR-1268-5

R.T.: 10.086 min
Delta R.T.: -0.012 min
Response: 6189657
Conc: 8.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.665 min
Delta R.T.: -0.014 min
Response: 6391411
Conc: 8.98 ng/ml