

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122818\
 Data File : PQ036123.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2018 20:40
 Operator : SM\SJ
 Sample : PB116006BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 02:41:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 24 12:28:48 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...	4.404	3.730	68398854	39384772	17.481	17.627
2)	SA Decachlor...	10.073	8.695	58066144	33979159	19.700	19.225
Target Compounds							
3)	L1 AR-1016-1	5.566	4.804	22187522	13244660	173.411	171.776
4)	L1 AR-1016-2	5.587	4.822	32559303	19119112	169.765	168.958
5)	L1 AR-1016-3	5.649	4.998	18882773	9532343	164.988	163.227
6)	L1 AR-1016-4	5.748	5.037	15705009	7591876	164.920	161.458
7)	L1 AR-1016-5	6.040	5.250	14752038	9670792	162.047	157.536
8)	L2 AR-1221-1	4.611	3.938	1947853	1397210	57.018	68.480
9)	L2 AR-1221-2	4.701	4.026	3020067	1839097	118.542	124.425
10)	L2 AR-1221-3	4.776	4.100	11119520	7016481	133.615	144.430
11)	L3 AR-1232-1	4.776	4.100	11119520	7016481	152.913	159.352
12)	L3 AR-1232-2	5.300	4.822	16372168	19119112	424.830	389.690
13)	L3 AR-1232-3	5.649	5.037	18882773	7591876	230.927	297.121 #
14)	L3 AR-1232-4	5.748	5.109	15705009	3147726	392.209	137.959 #
15)	L3 AR-1232-5	5.879	5.289	14187759	3627508	448.008	145.232 #
16)	L4 AR-1242-1	5.587	4.822	32559303	19119112	337.475	323.106
17)	L4 AR-1242-2	5.649	4.822	18882773	19119112	130.149	222.033 #
18)	L4 AR-1242-3	5.649	5.037	18882773	7591876	218.258	168.576
19)	L4 AR-1242-4	5.748	5.109	15705009	3147726	227.017	71.084 #
20)	L4 AR-1242-5	6.481	5.597	1764096	7332487	22.486	132.860 #
21)	L5 AR-1248-1	5.587	4.822	32559303	19119112	493.279	484.583
22)	L5 AR-1248-2	5.879	5.078	14187759	9534585	149.684	175.675
23)	L5 AR-1248-3	6.079	5.109	5866073	3147726	56.140	56.408
24)	L5 AR-1248-4	6.481	5.289	1764096	3627508	14.325	52.402 #
25)	L5 AR-1248-5	6.565	5.597	1471774	7332487	12.580	104.033 #
26)	L6 AR-1254-1	6.442	5.597	1872281	7332487	12.299	54.971 #
27)	L6 AR-1254-2	6.629	5.743	11507338	7488080	48.634	64.804 #
28)	L6 AR-1254-3	7.052	6.156	17423011	13042748	67.858	67.559
29)	L6 AR-1254-4	7.343	6.398	4860465	4509195	26.807	37.469 #
30)	L6 AR-1254-5	7.733	6.819	4511839	16434174	23.002	100.908 #
31)	L7 AR-1260-1	7.158	6.271	28352858	18530990	153.756	147.320
32)	L7 AR-1260-2	7.414	6.458	33200288	22707211	152.797	150.366
33)	L7 AR-1260-3	7.772	6.611	21058881	20730032	157.200	148.353
34)	L7 AR-1260-4	8.001	7.078	26353729	15363629	159.903	165.457
35)	L7 AR-1260-5	8.317	7.321	51015310	36596397	171.096	163.087
36)	L8 AR-1262-1	7.830	6.874	11309862	8560731	51.625	55.782
37)	L8 AR-1262-2	8.369	7.321	2699361	36596397	7.165	137.136 #
38)	L8 AR-1262-3	8.695	7.599	17647048	8123638	73.410	78.275
39)	L8 AR-1262-4	0.000	7.665	0	27571059	N.D.	148.836 #
40)	L8 AR-1262-5	9.357	8.162	12207108	8478803	107.190	114.228
41)	L9 AR-1268-1	8.695	7.599	17647048	8123638	36.575	24.362 #

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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	0.000	7.665	0	27571059	N.D.	93.034 #
44) L9	AR-1268-4	9.357	8.162	12207108	8478803	89.043	90.888

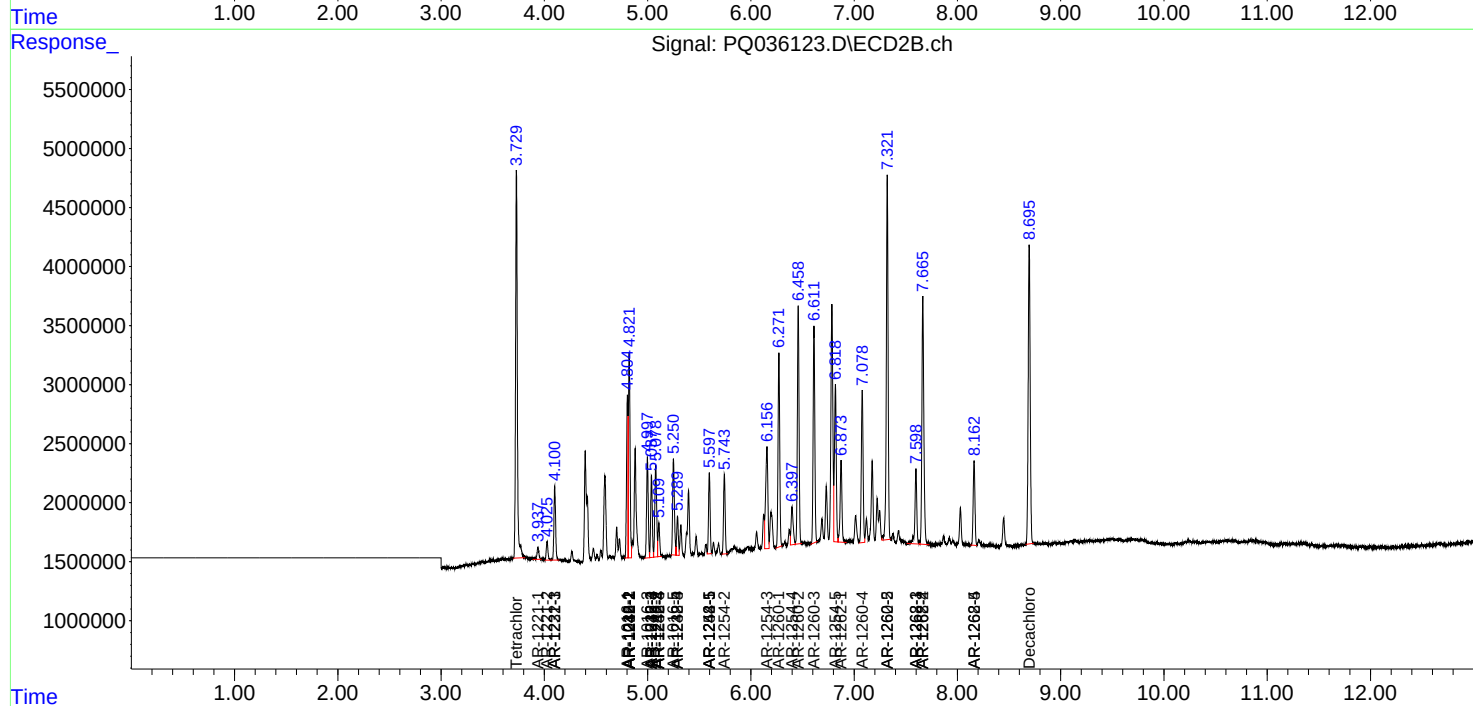
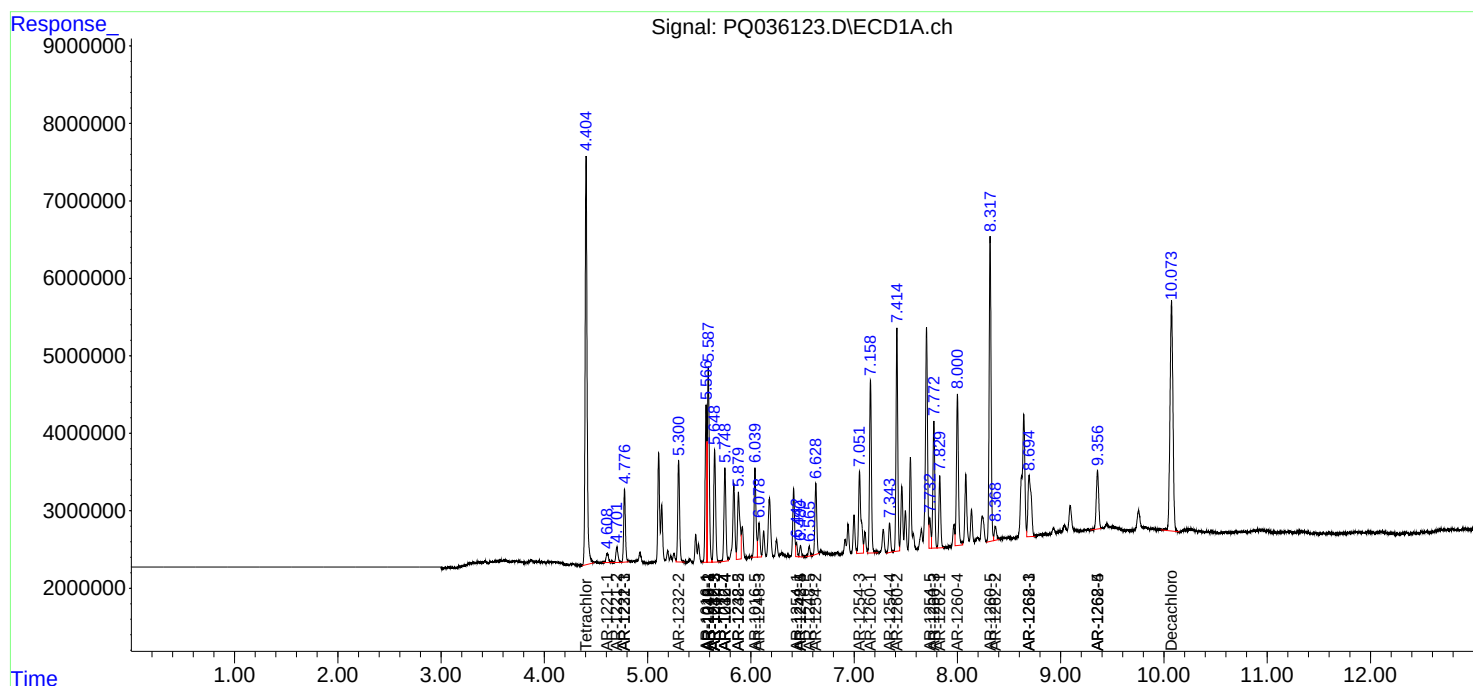
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

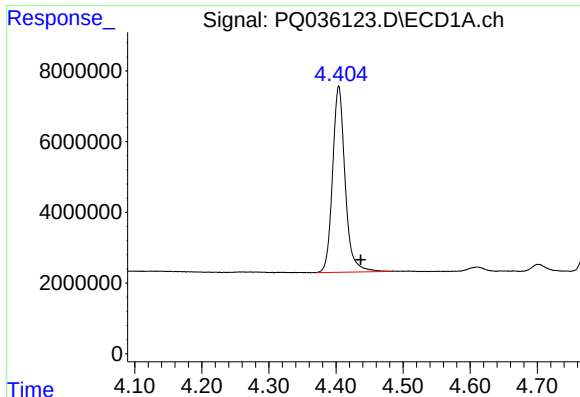
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122818\
Data File : PQ036123.D
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Sample : PB116006BS
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

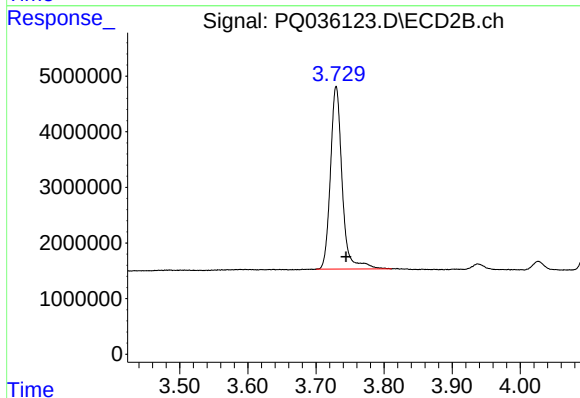




#1 Tetrachloro-m-xylene

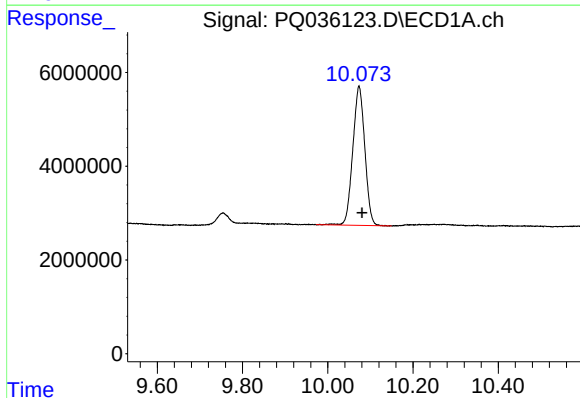
R.T.: 4.404 min
Delta R.T.: -0.033 min
Response: 68398854
Conc: 17.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



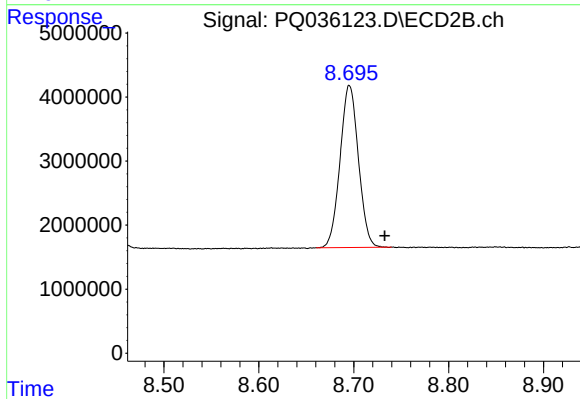
#1 Tetrachloro-m-xylene

R.T.: 3.730 min
Delta R.T.: -0.014 min
Response: 39384772
Conc: 17.63 ng/ml



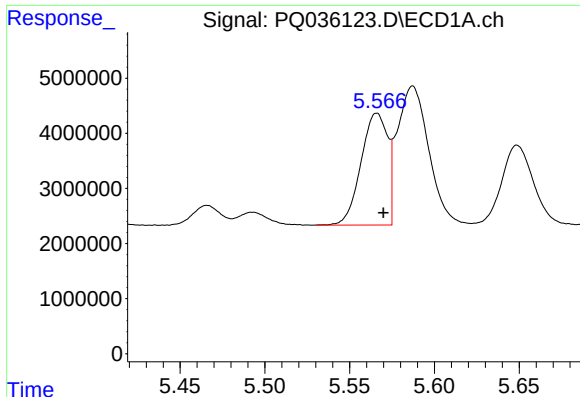
#2 Decachlorobiphenyl

R.T.: 10.073 min
Delta R.T.: -0.008 min
Response: 58066144
Conc: 19.70 ng/ml



#2 Decachlorobiphenyl

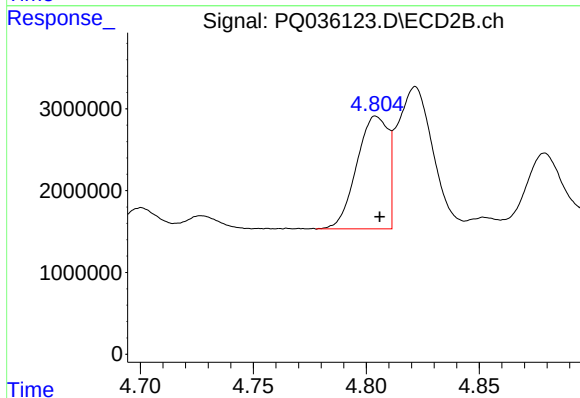
R.T.: 8.695 min
Delta R.T.: -0.037 min
Response: 33979159
Conc: 19.22 ng/ml



#3 AR-1016-1

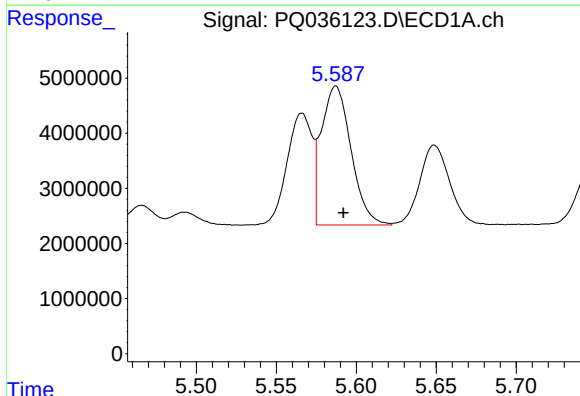
R.T.: 5.566 min
Delta R.T.: -0.004 min
Response: 22187522
Conc: 173.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



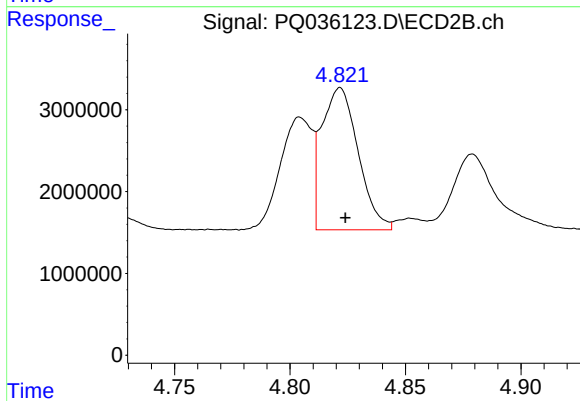
#3 AR-1016-1

R.T.: 4.804 min
Delta R.T.: -0.002 min
Response: 13244660
Conc: 171.78 ng/ml



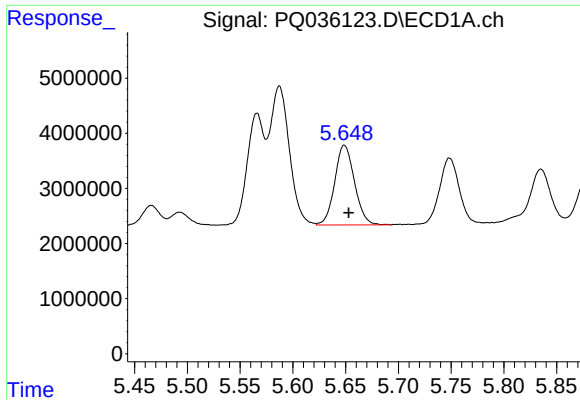
#4 AR-1016-2

R.T.: 5.587 min
Delta R.T.: -0.005 min
Response: 32559303
Conc: 169.77 ng/ml



#4 AR-1016-2

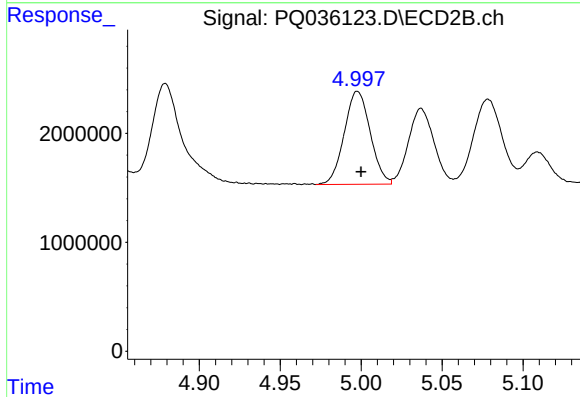
R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 19119112
Conc: 168.96 ng/ml



#5 AR-1016-3

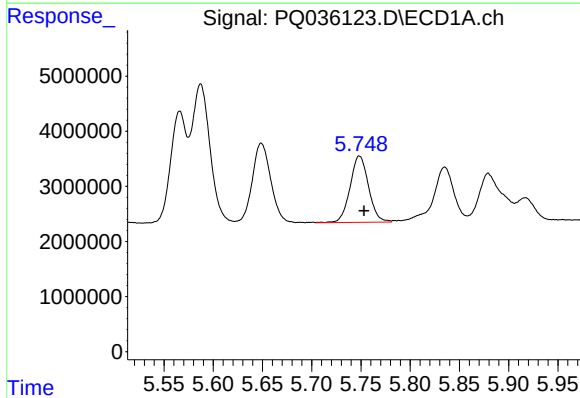
R.T.: 5.649 min
Delta R.T.: -0.004 min
Response: 18882773
Conc: 164.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



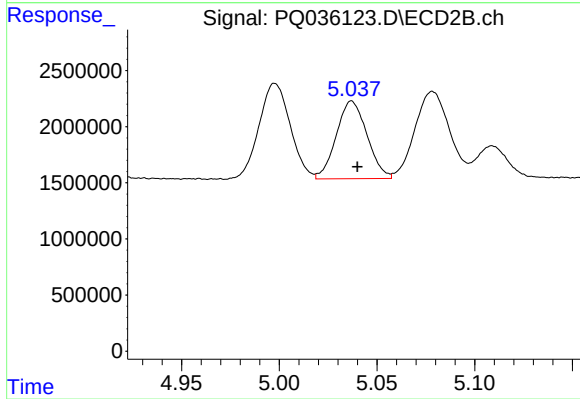
#5 AR-1016-3

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 9532343
Conc: 163.23 ng/ml



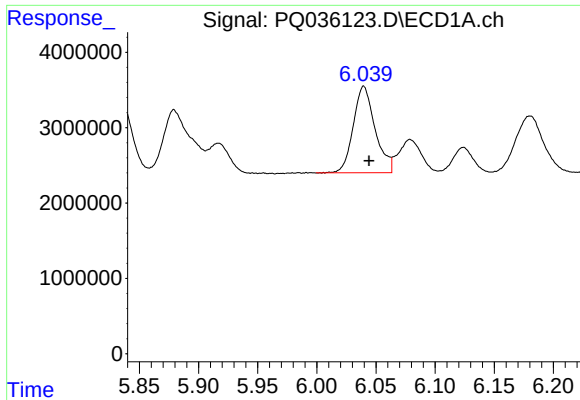
#6 AR-1016-4

R.T.: 5.748 min
Delta R.T.: -0.005 min
Response: 15705009
Conc: 164.92 ng/ml



#6 AR-1016-4

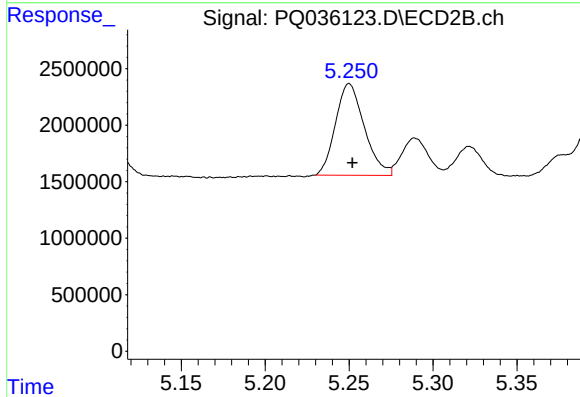
R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 7591876
Conc: 161.46 ng/ml



#7 AR-1016-5

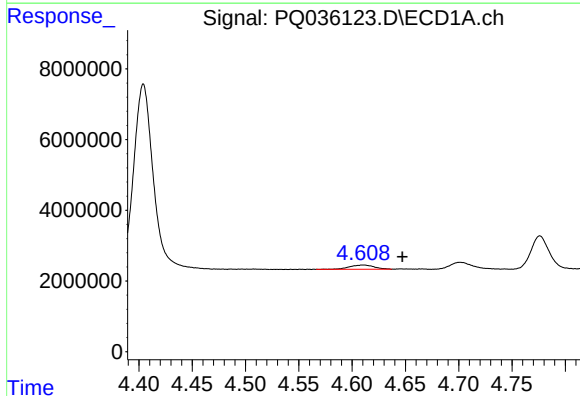
R.T.: 6.040 min
Delta R.T.: -0.004 min
Response: 14752038
Conc: 162.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



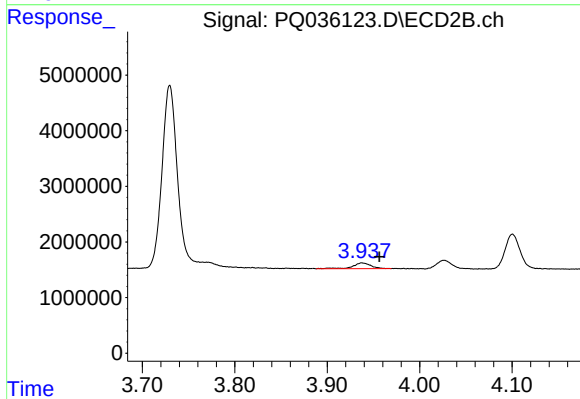
#7 AR-1016-5

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 9670792
Conc: 157.54 ng/ml



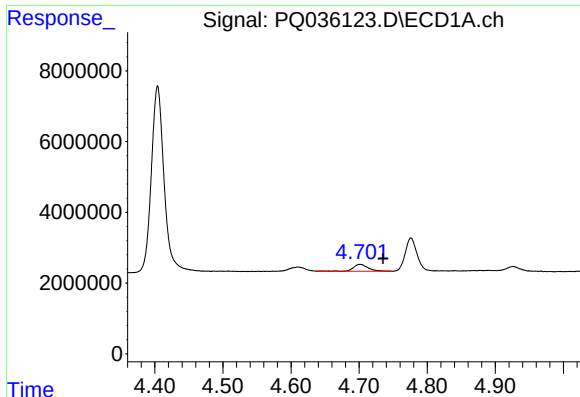
#8 AR-1221-1

R.T.: 4.611 min
Delta R.T.: -0.037 min
Response: 1947853
Conc: 57.02 ng/ml



#8 AR-1221-1

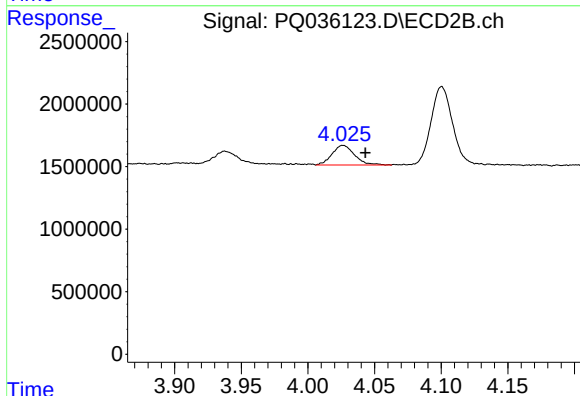
R.T.: 3.938 min
Delta R.T.: -0.019 min
Response: 1397210
Conc: 68.48 ng/ml



#9 AR-1221-2

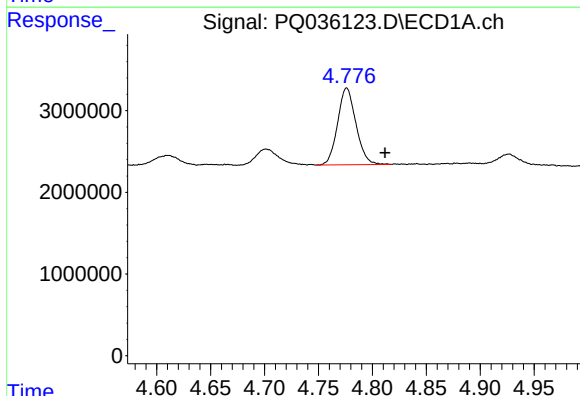
R.T.: 4.701 min
Delta R.T.: -0.034 min
Response: 3020067
Conc: 118.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



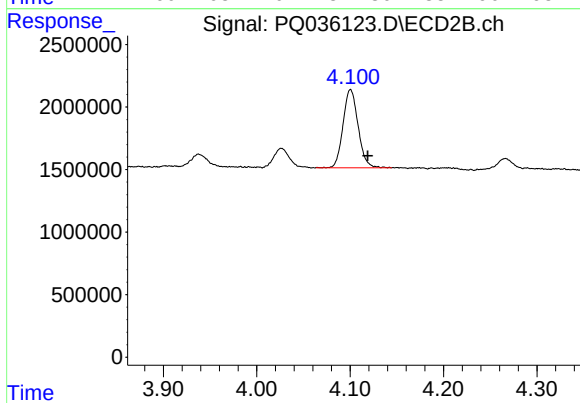
#9 AR-1221-2

R.T.: 4.026 min
Delta R.T.: -0.017 min
Response: 1839097
Conc: 124.43 ng/ml



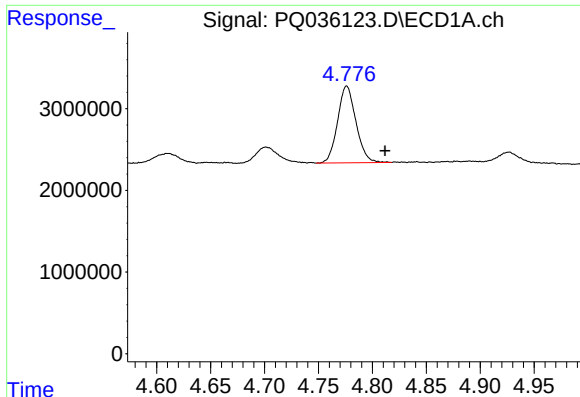
#10 AR-1221-3

R.T.: 4.776 min
Delta R.T.: -0.035 min
Response: 11119520
Conc: 133.62 ng/ml



#10 AR-1221-3

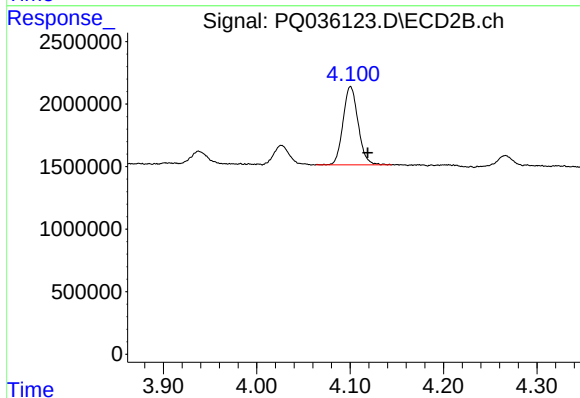
R.T.: 4.100 min
Delta R.T.: -0.018 min
Response: 7016481
Conc: 144.43 ng/ml



#11 AR-1232-1

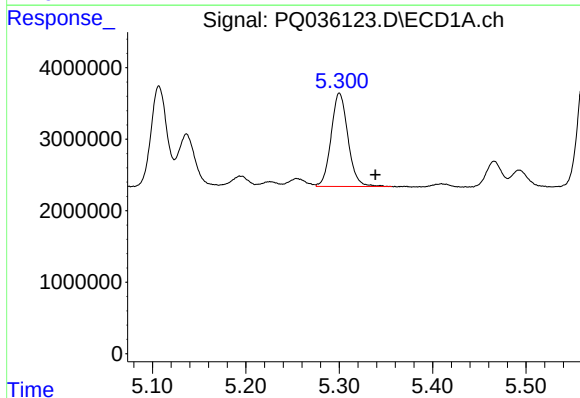
R.T.: 4.776 min
Delta R.T.: -0.036 min
Response: 11119520
Conc: 152.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



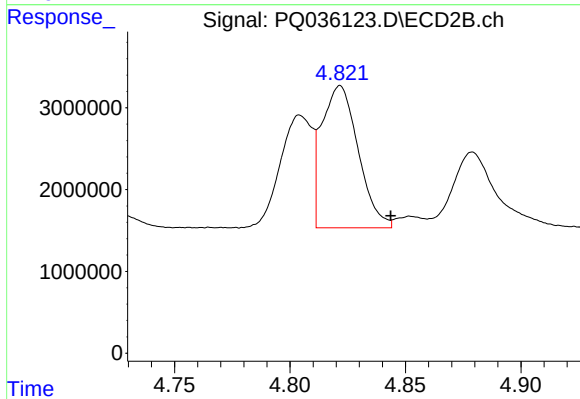
#11 AR-1232-1

R.T.: 4.100 min
Delta R.T.: -0.018 min
Response: 7016481
Conc: 159.35 ng/ml



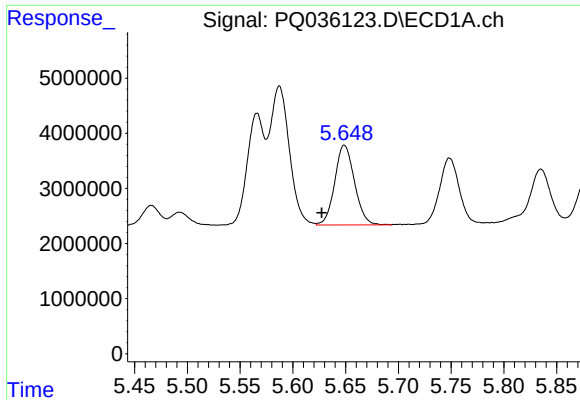
#12 AR-1232-2

R.T.: 5.300 min
Delta R.T.: -0.039 min
Response: 16372168
Conc: 424.83 ng/ml



#12 AR-1232-2

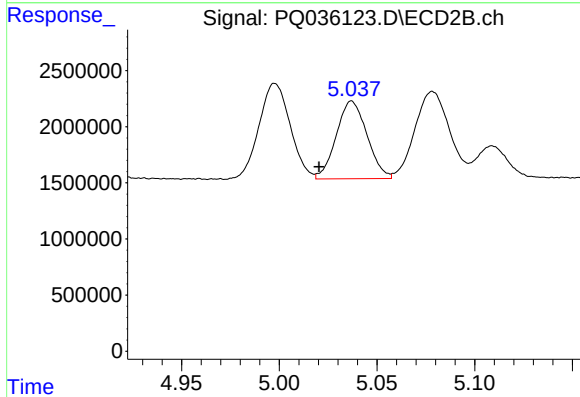
R.T.: 4.822 min
Delta R.T.: -0.022 min
Response: 19119112
Conc: 389.69 ng/ml



#13 AR-1232-3

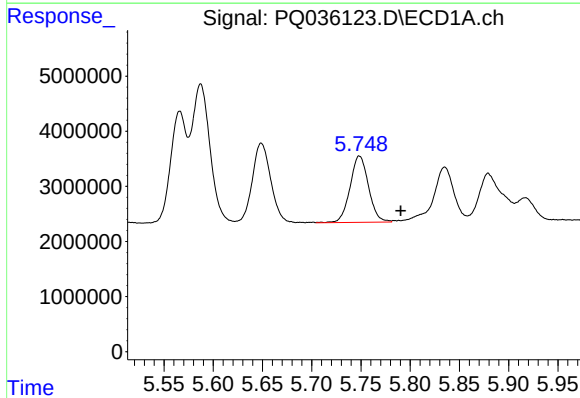
R.T.: 5.649 min
Delta R.T.: 0.021 min
Response: 18882773
Conc: 230.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



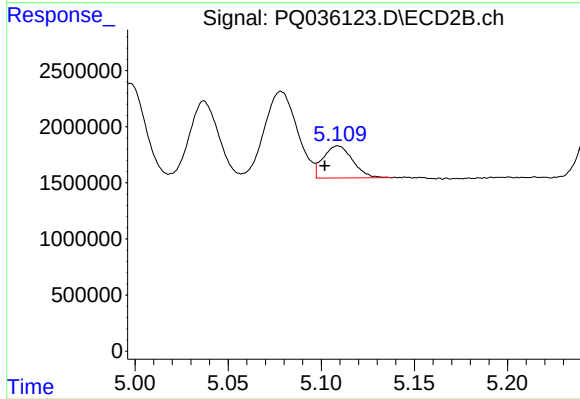
#13 AR-1232-3

R.T.: 5.037 min
Delta R.T.: 0.017 min
Response: 7591876
Conc: 297.12 ng/ml



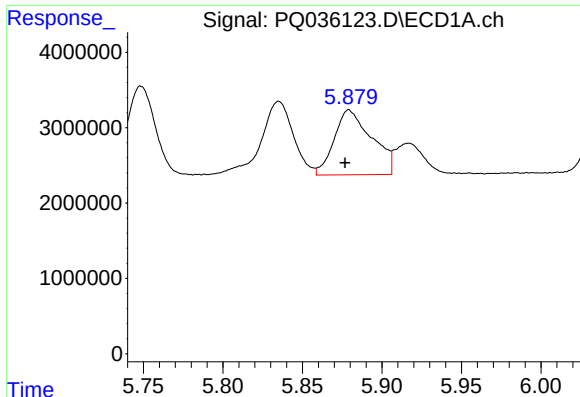
#14 AR-1232-4

R.T.: 5.748 min
Delta R.T.: -0.042 min
Response: 15705009
Conc: 392.21 ng/ml



#14 AR-1232-4

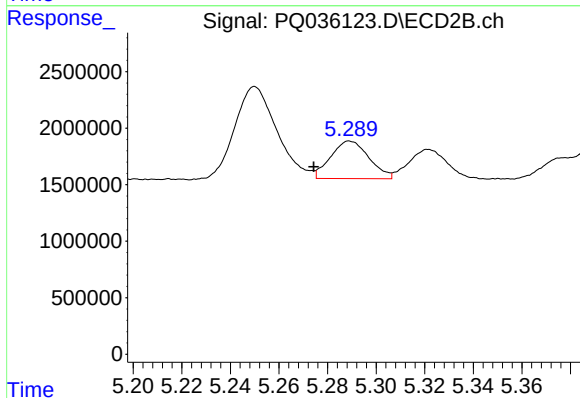
R.T.: 5.109 min
Delta R.T.: 0.007 min
Response: 3147726
Conc: 137.96 ng/ml



#15 AR-1232-5

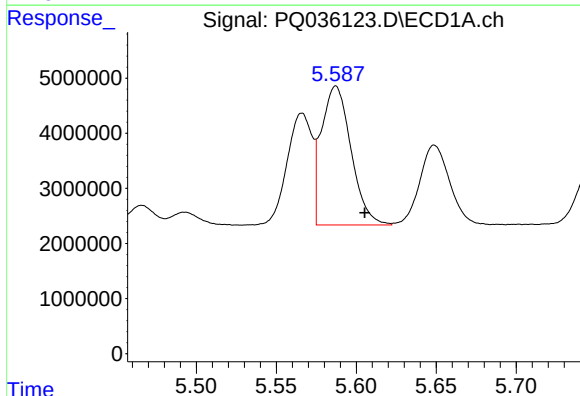
R.T.: 5.879 min
Delta R.T.: 0.002 min
Response: 14187759
Conc: 448.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



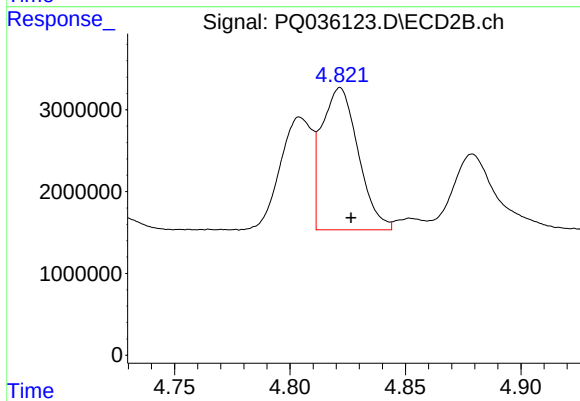
#15 AR-1232-5

R.T.: 5.289 min
Delta R.T.: 0.015 min
Response: 3627508
Conc: 145.23 ng/ml



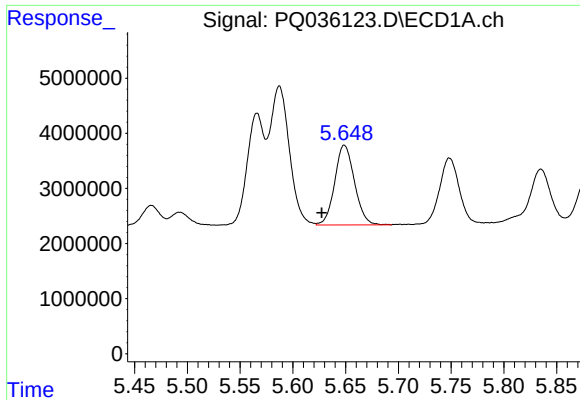
#16 AR-1242-1

R.T.: 5.587 min
Delta R.T.: -0.018 min
Response: 32559303
Conc: 337.47 ng/ml



#16 AR-1242-1

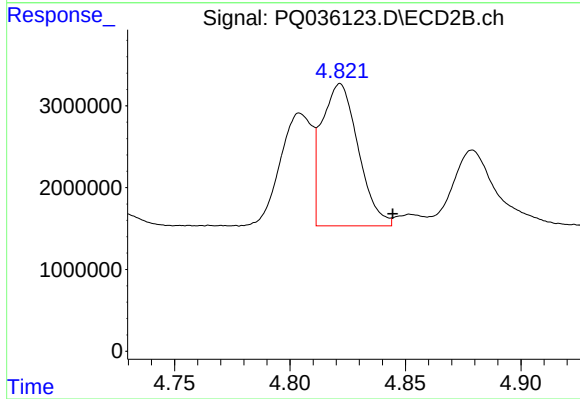
R.T.: 4.822 min
Delta R.T.: -0.005 min
Response: 19119112
Conc: 323.11 ng/ml



#17 AR-1242-2

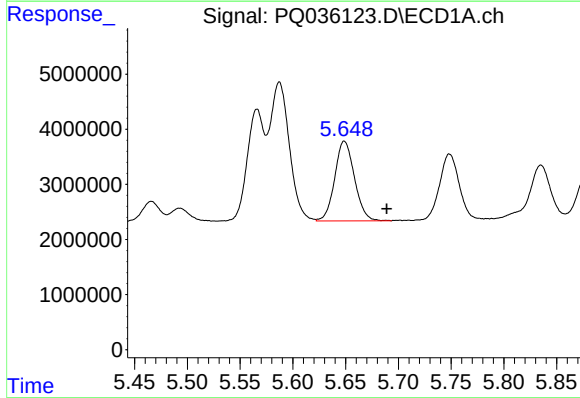
R.T.: 5.649 min
Delta R.T.: 0.021 min
Response: 18882773
Conc: 130.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



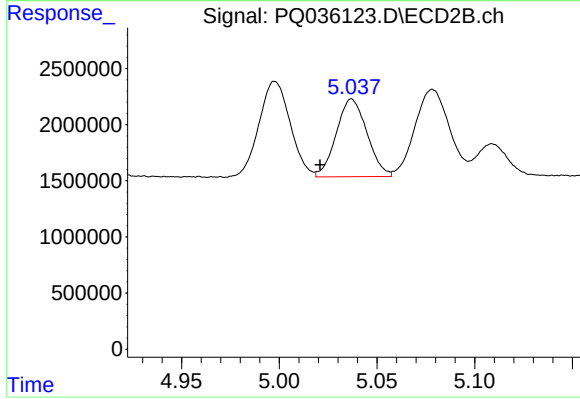
#17 AR-1242-2

R.T.: 4.822 min
Delta R.T.: -0.023 min
Response: 19119112
Conc: 222.03 ng/ml



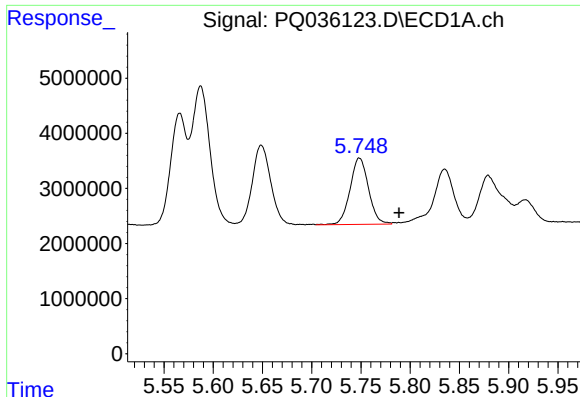
#18 AR-1242-3

R.T.: 5.649 min
Delta R.T.: -0.040 min
Response: 18882773
Conc: 218.26 ng/ml



#18 AR-1242-3

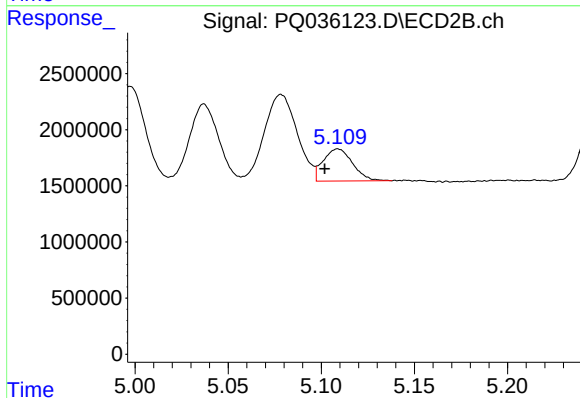
R.T.: 5.037 min
Delta R.T.: 0.016 min
Response: 7591876
Conc: 168.58 ng/ml



#19 AR-1242-4

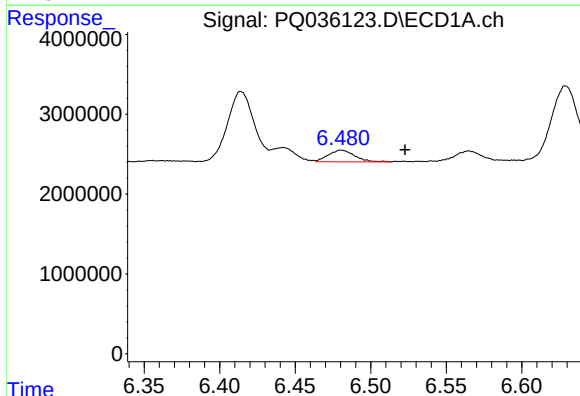
R.T.: 5.748 min
Delta R.T.: -0.040 min
Response: 15705009
Conc: 227.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



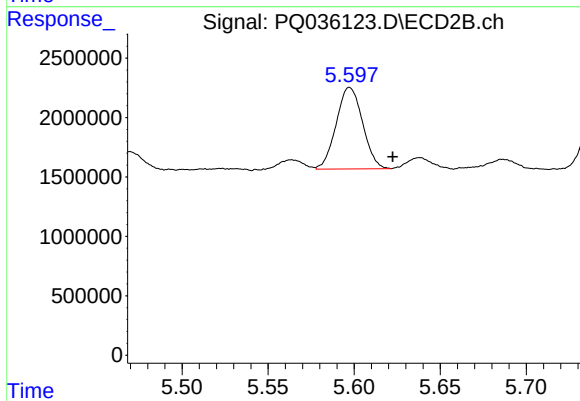
#19 AR-1242-4

R.T.: 5.109 min
Delta R.T.: 0.007 min
Response: 3147726
Conc: 71.08 ng/ml



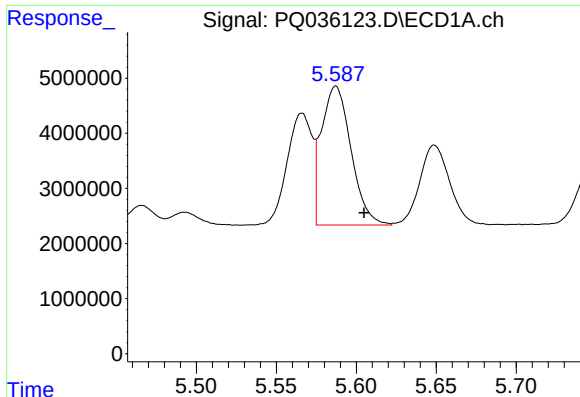
#20 AR-1242-5

R.T.: 6.481 min
Delta R.T.: -0.042 min
Response: 1764096
Conc: 22.49 ng/ml



#20 AR-1242-5

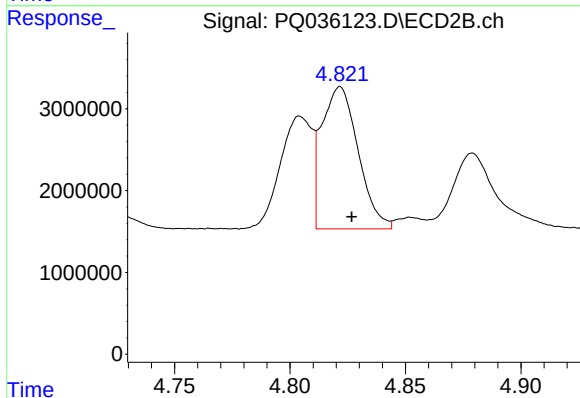
R.T.: 5.597 min
Delta R.T.: -0.025 min
Response: 7332487
Conc: 132.86 ng/ml



#21 AR-1248-1

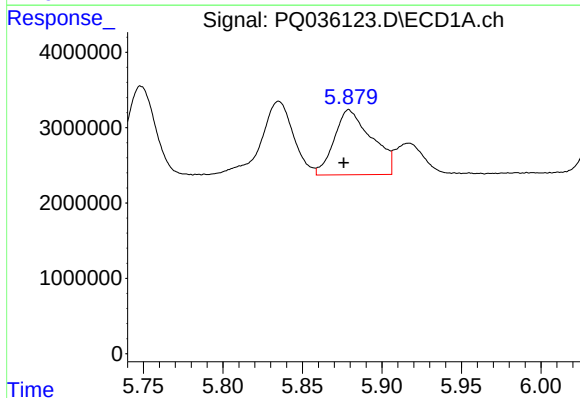
R.T.: 5.587 min
Delta R.T.: -0.018 min
Response: 32559303
Conc: 493.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



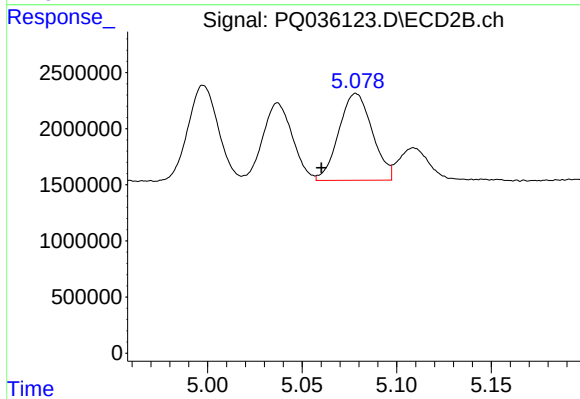
#21 AR-1248-1

R.T.: 4.822 min
Delta R.T.: -0.005 min
Response: 19119112
Conc: 484.58 ng/ml



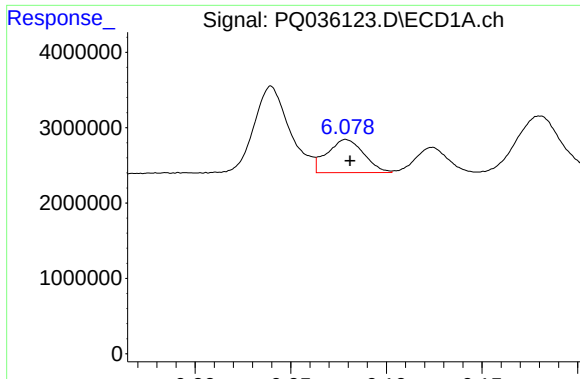
#22 AR-1248-2

R.T.: 5.879 min
Delta R.T.: 0.003 min
Response: 14187759
Conc: 149.68 ng/ml



#22 AR-1248-2

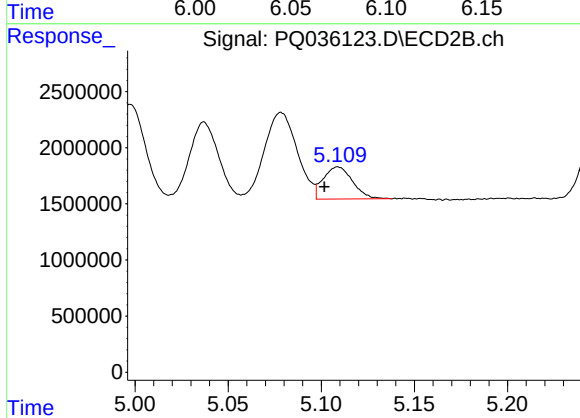
R.T.: 5.078 min
Delta R.T.: 0.018 min
Response: 9534585
Conc: 175.68 ng/ml



#23 AR-1248-3

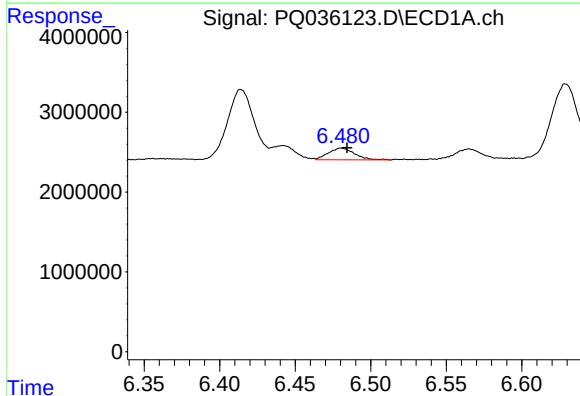
R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 5866073
Conc: 56.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



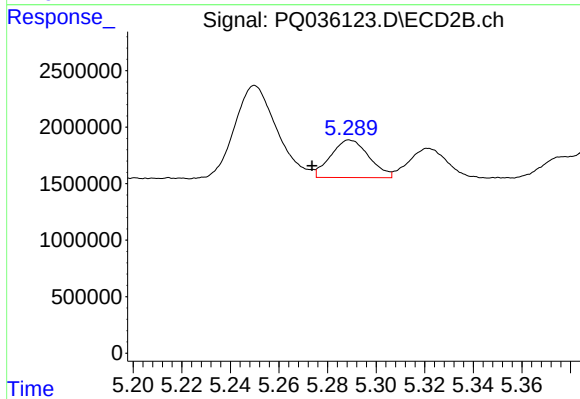
#23 AR-1248-3

R.T.: 5.109 min
Delta R.T.: 0.007 min
Response: 3147726
Conc: 56.41 ng/ml



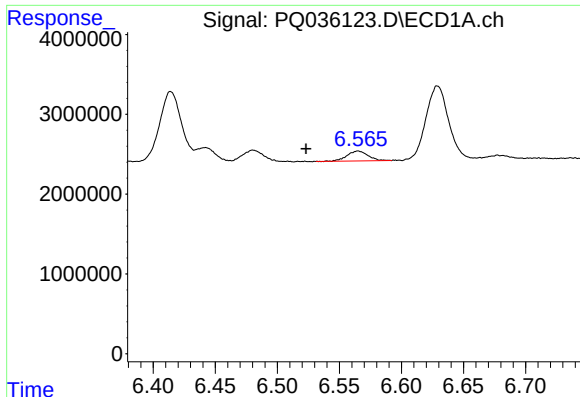
#24 AR-1248-4

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 1764096
Conc: 14.32 ng/ml



#24 AR-1248-4

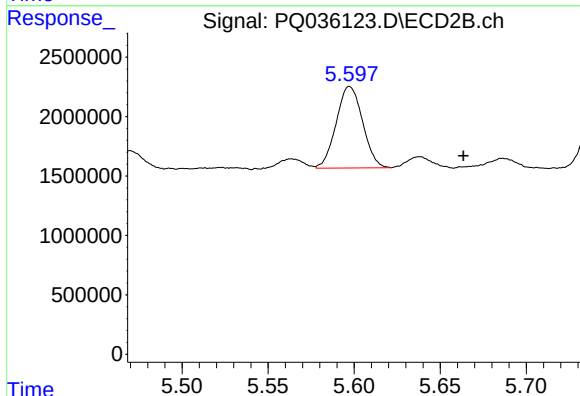
R.T.: 5.289 min
Delta R.T.: 0.016 min
Response: 3627508
Conc: 52.40 ng/ml



#25 AR-1248-5

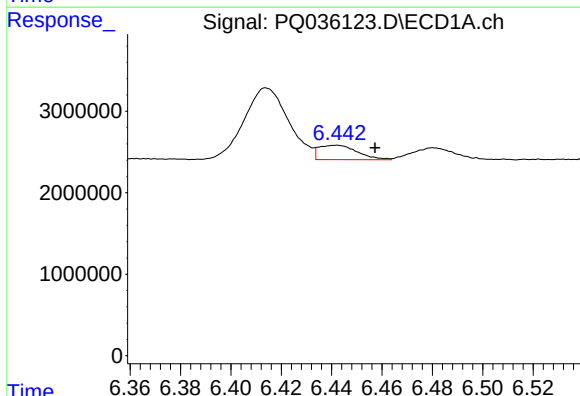
R.T.: 6.565 min
Delta R.T.: 0.042 min
Response: 1471774
Conc: 12.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



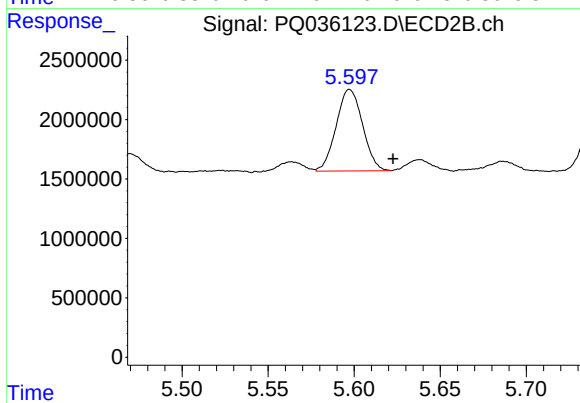
#25 AR-1248-5

R.T.: 5.597 min
Delta R.T.: -0.066 min
Response: 7332487
Conc: 104.03 ng/ml



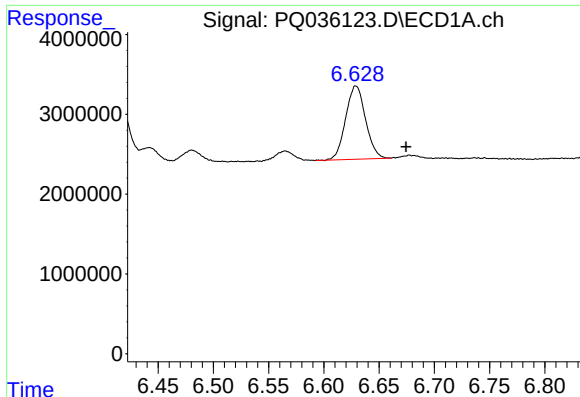
#26 AR-1254-1

R.T.: 6.442 min
Delta R.T.: -0.015 min
Response: 1872281
Conc: 12.30 ng/ml



#26 AR-1254-1

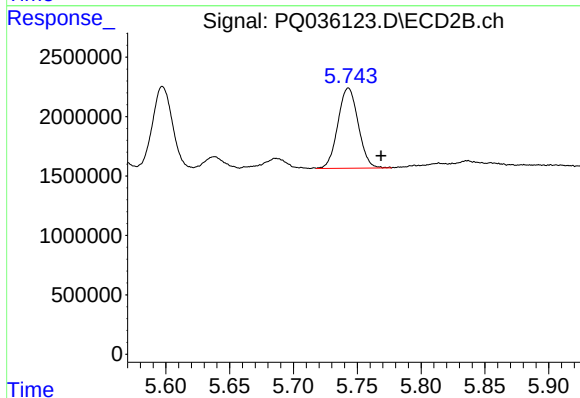
R.T.: 5.597 min
Delta R.T.: -0.025 min
Response: 7332487
Conc: 54.97 ng/ml



#27 AR-1254-2

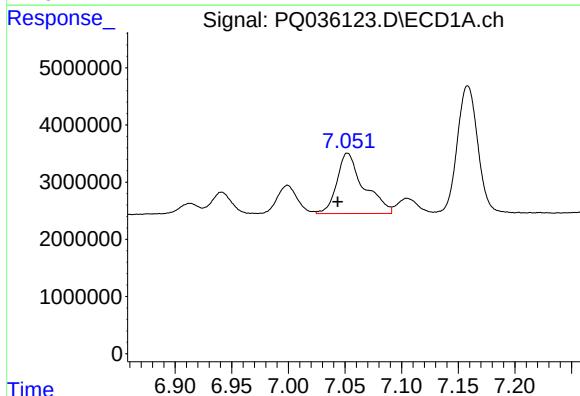
R.T.: 6.629 min
Delta R.T.: -0.045 min
Response: 11507338
Conc: 48.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



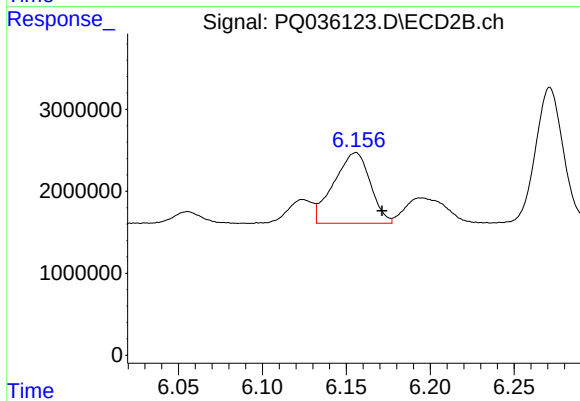
#27 AR-1254-2

R.T.: 5.743 min
Delta R.T.: -0.025 min
Response: 7488080
Conc: 64.80 ng/ml



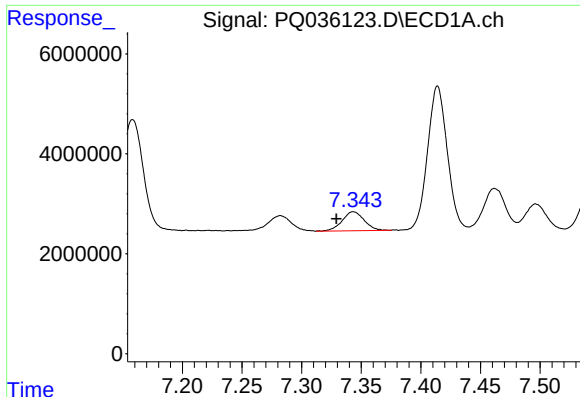
#28 AR-1254-3

R.T.: 7.052 min
Delta R.T.: 0.009 min
Response: 17423011
Conc: 67.86 ng/ml



#28 AR-1254-3

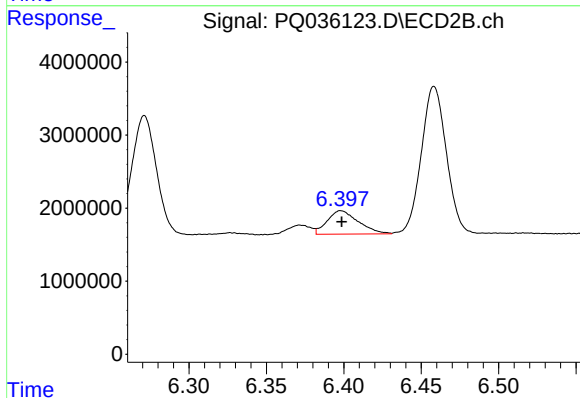
R.T.: 6.156 min
Delta R.T.: -0.016 min
Response: 13042748
Conc: 67.56 ng/ml



#29 AR-1254-4

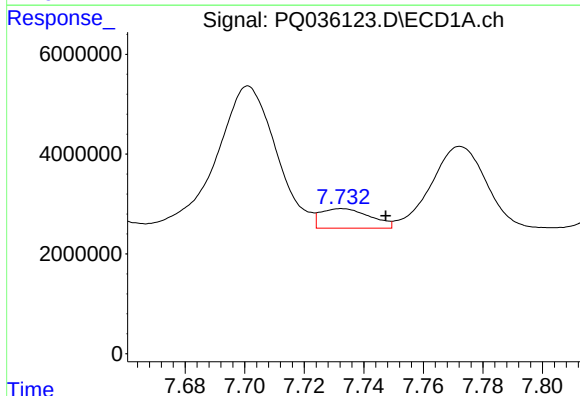
R.T.: 7.343 min
Delta R.T.: 0.014 min
Response: 4860465
Conc: 26.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



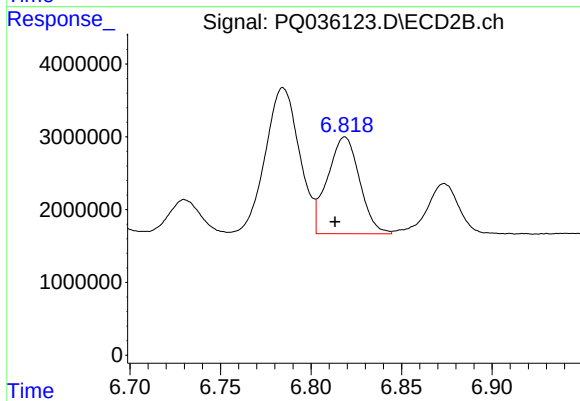
#29 AR-1254-4

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 4509195
Conc: 37.47 ng/ml



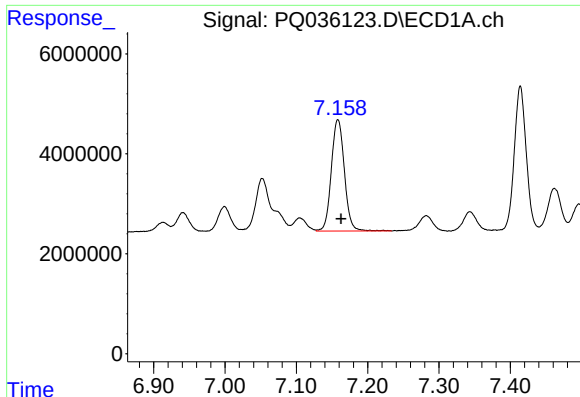
#30 AR-1254-5

R.T.: 7.733 min
Delta R.T.: -0.015 min
Response: 4511839
Conc: 23.00 ng/ml



#30 AR-1254-5

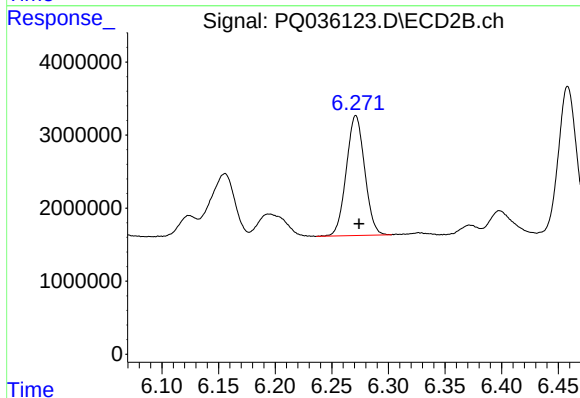
R.T.: 6.819 min
Delta R.T.: 0.005 min
Response: 16434174
Conc: 100.91 ng/ml



#31 AR-1260-1

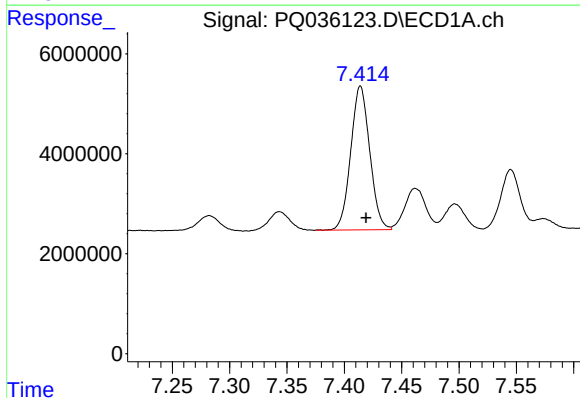
R.T.: 7.158 min
Delta R.T.: -0.005 min
Response: 28352858
Conc: 153.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



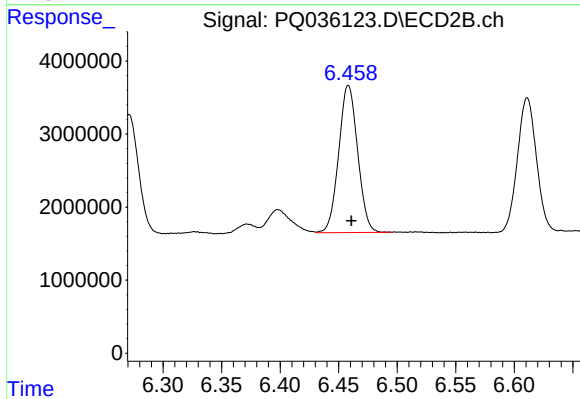
#31 AR-1260-1

R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 18530990
Conc: 147.32 ng/ml



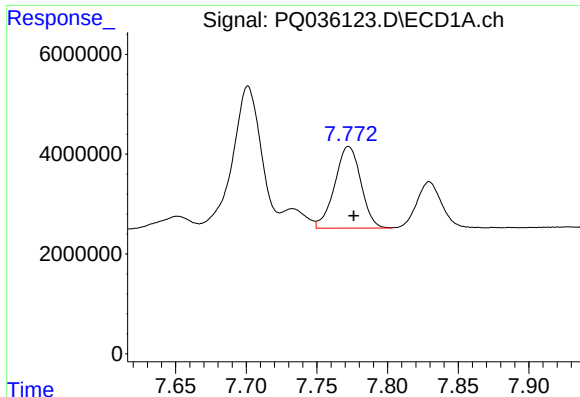
#32 AR-1260-2

R.T.: 7.414 min
Delta R.T.: -0.005 min
Response: 33200288
Conc: 152.80 ng/ml



#32 AR-1260-2

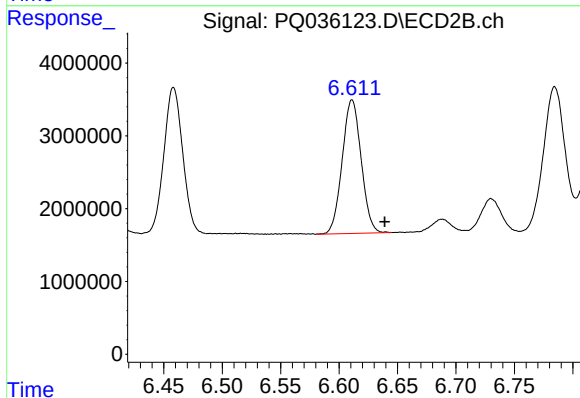
R.T.: 6.458 min
Delta R.T.: -0.003 min
Response: 22707211
Conc: 150.37 ng/ml



#33 AR-1260-3

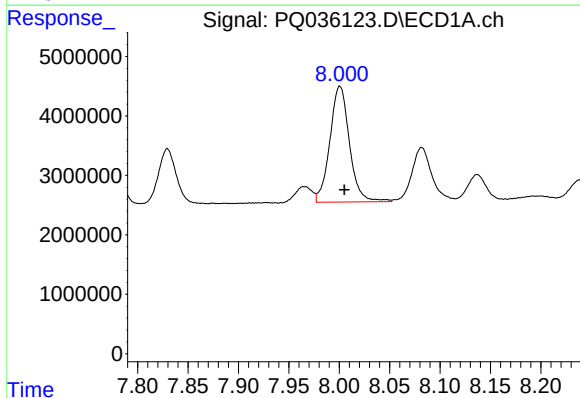
R.T.: 7.772 min
Delta R.T.: -0.004 min
Response: 21058881
Conc: 157.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



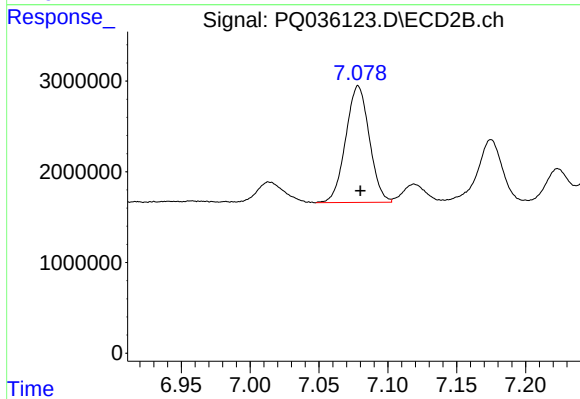
#33 AR-1260-3

R.T.: 6.611 min
Delta R.T.: -0.028 min
Response: 20730032
Conc: 148.35 ng/ml



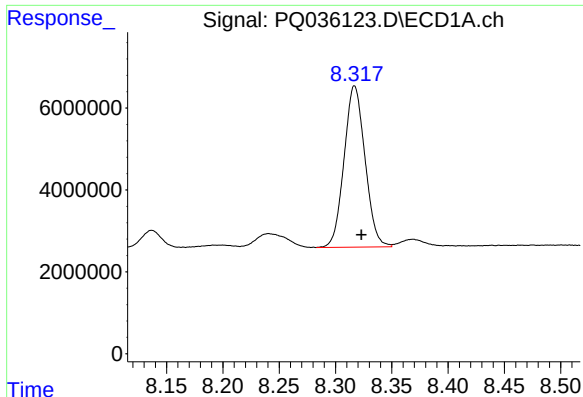
#34 AR-1260-4

R.T.: 8.001 min
Delta R.T.: -0.004 min
Response: 26353729
Conc: 159.90 ng/ml



#34 AR-1260-4

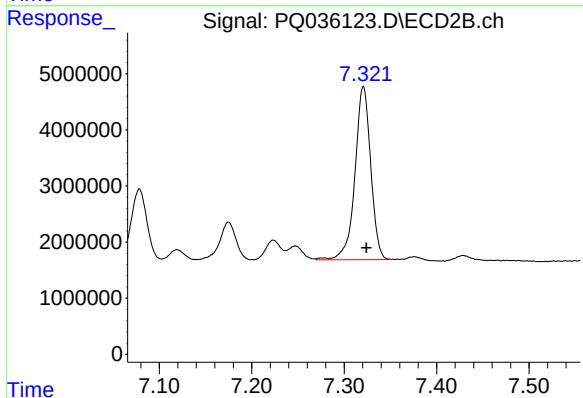
R.T.: 7.078 min
Delta R.T.: -0.002 min
Response: 15363629
Conc: 165.46 ng/ml



#35 AR-1260-5

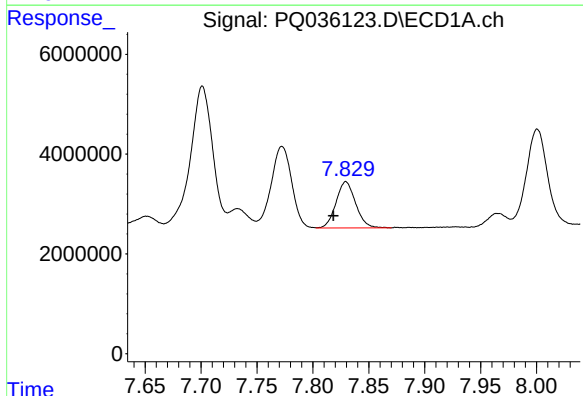
R.T.: 8.317 min
Delta R.T.: -0.006 min
Response: 51015310
Conc: 171.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



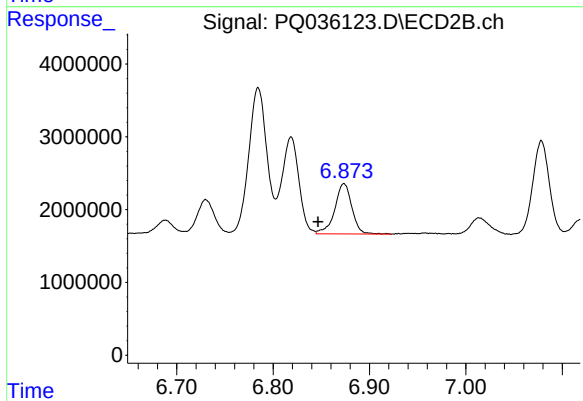
#35 AR-1260-5

R.T.: 7.321 min
Delta R.T.: -0.003 min
Response: 36596397
Conc: 163.09 ng/ml



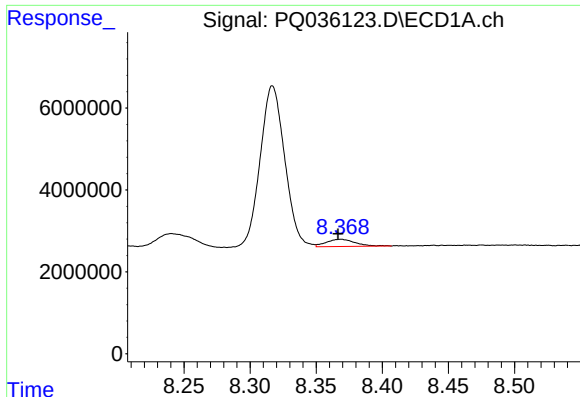
#36 AR-1262-1

R.T.: 7.830 min
Delta R.T.: 0.011 min
Response: 11309862
Conc: 51.63 ng/ml



#36 AR-1262-1

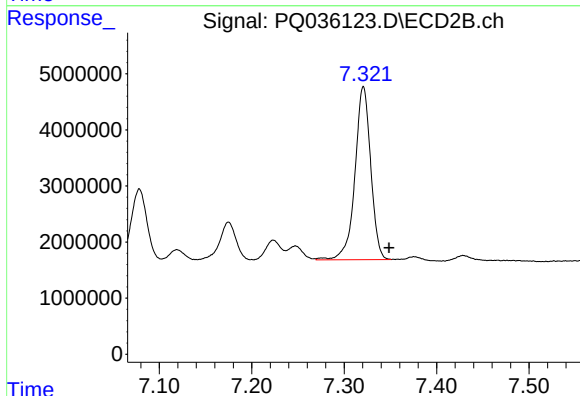
R.T.: 6.874 min
Delta R.T.: 0.027 min
Response: 8560731
Conc: 55.78 ng/ml



#37 AR-1262-2

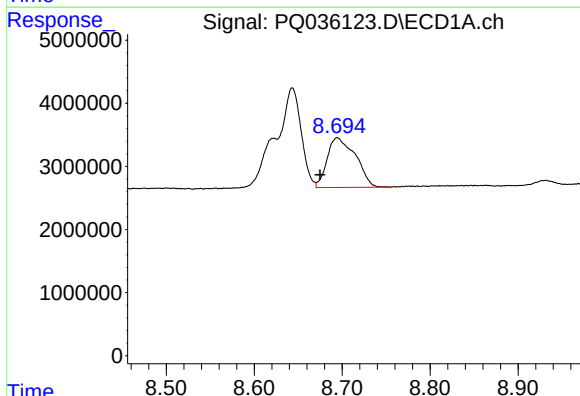
R.T.: 8.369 min
Delta R.T.: 0.002 min
Response: 2699361
Conc: 7.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



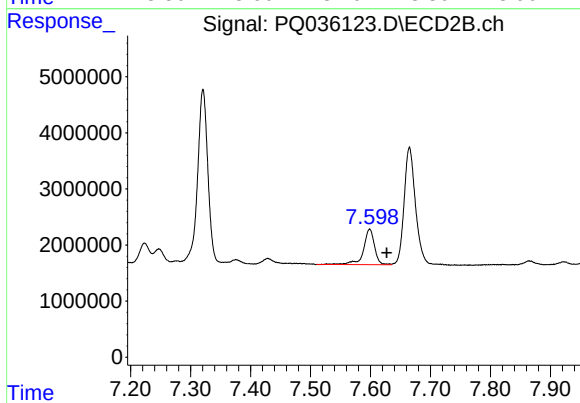
#37 AR-1262-2

R.T.: 7.321 min
Delta R.T.: -0.028 min
Response: 36596397
Conc: 137.14 ng/ml



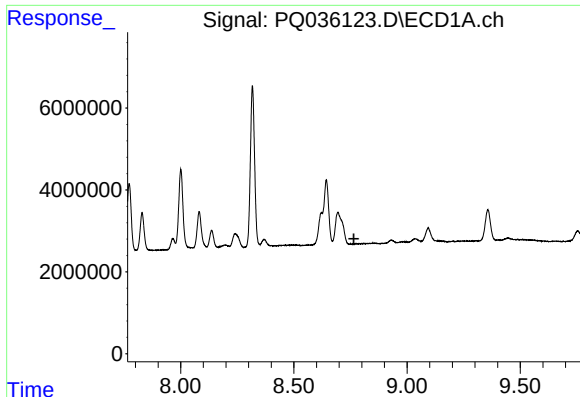
#38 AR-1262-3

R.T.: 8.695 min
Delta R.T.: 0.020 min
Response: 17647048
Conc: 73.41 ng/ml



#38 AR-1262-3

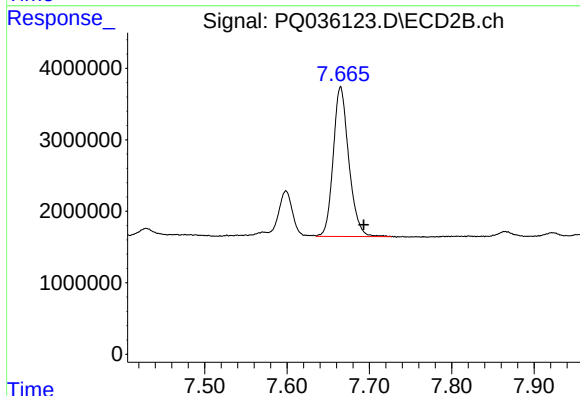
R.T.: 7.599 min
Delta R.T.: -0.029 min
Response: 8123638
Conc: 78.28 ng/ml



#39 AR-1262-4

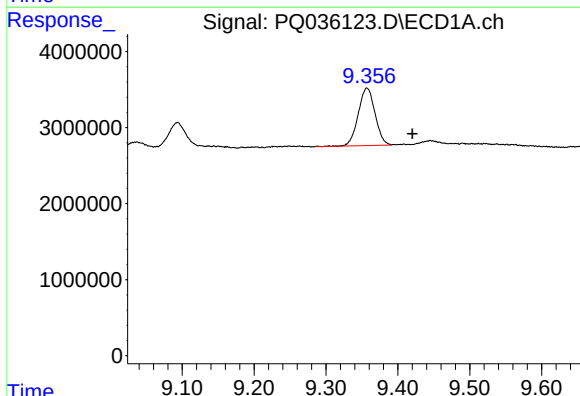
R.T.: 0.000 min
Exp R.T.: 8.765 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



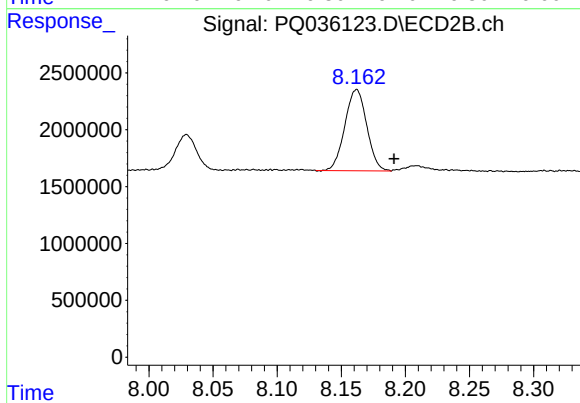
#39 AR-1262-4

R.T.: 7.665 min
Delta R.T.: -0.028 min
Response: 27571059
Conc: 148.84 ng/ml



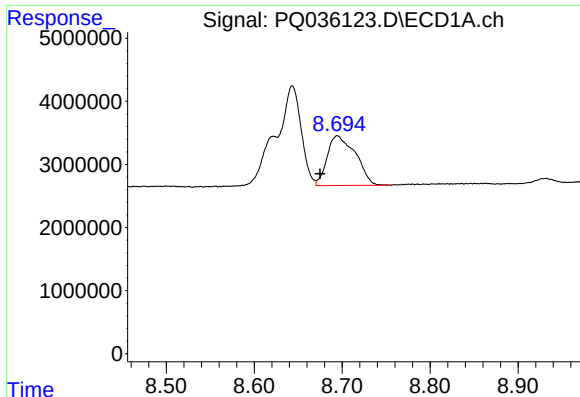
#40 AR-1262-5

R.T.: 9.357 min
Delta R.T.: -0.063 min
Response: 12207108
Conc: 107.19 ng/ml



#40 AR-1262-5

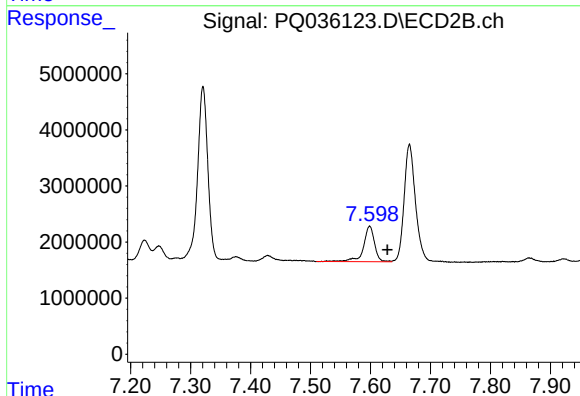
R.T.: 8.162 min
Delta R.T.: -0.029 min
Response: 8478803
Conc: 114.23 ng/ml



#41 AR-1268-1

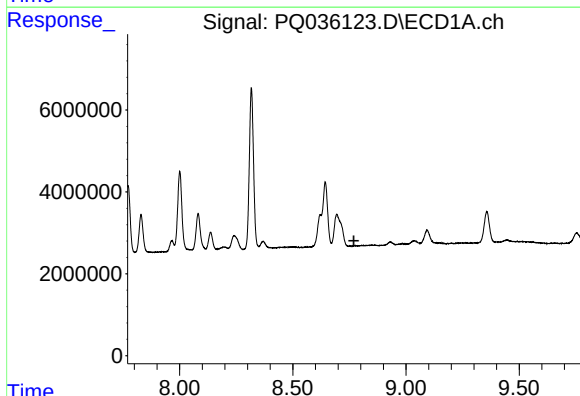
R.T.: 8.695 min
Delta R.T.: 0.020 min
Response: 17647048
Conc: 36.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



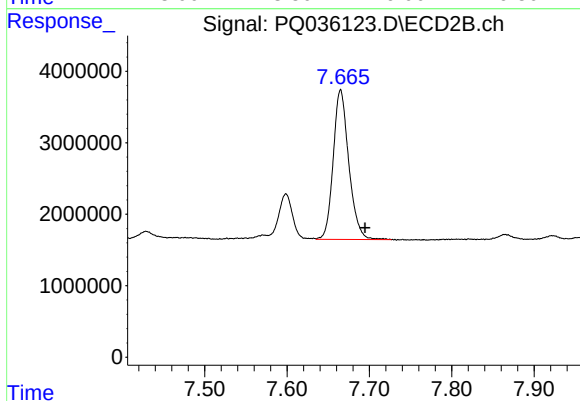
#41 AR-1268-1

R.T.: 7.599 min
Delta R.T.: -0.030 min
Response: 8123638
Conc: 24.36 ng/ml



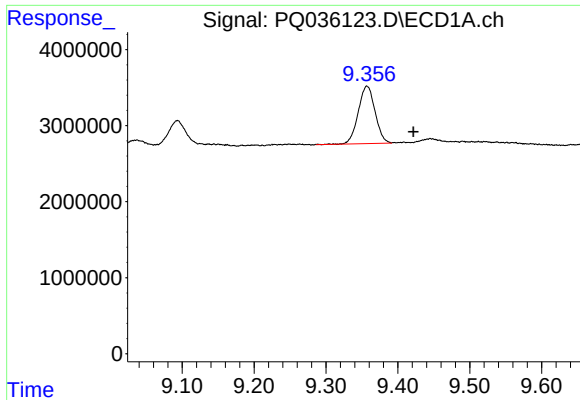
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.770 min
Response: 0
Conc: N.D.



#42 AR-1268-2

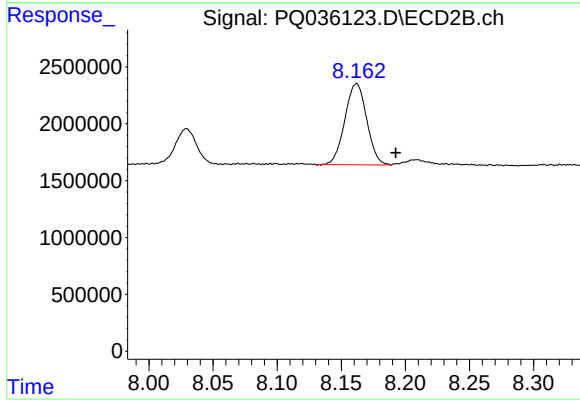
R.T.: 7.665 min
Delta R.T.: -0.030 min
Response: 27571059
Conc: 93.03 ng/ml



#44 AR-1268-4

R.T.: 9.357 min
Delta R.T.: -0.064 min
Response: 12207108
Conc: 89.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#44 AR-1268-4

R.T.: 8.162 min
Delta R.T.: -0.031 min
Response: 8478803
Conc: 90.89 ng/ml