

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011019\
 Data File : PQ036371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2019 19:40
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 03:43:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 2019
 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...	4.384	3.722	238.9E6	142.8E6	52.248	58.996
2)	SA Decachlor...	10.029	8.676	175.6E6	87850364	48.273	45.698
Target Compounds							
3)	L1 AR-1016-1	5.544	4.795	55974763	35447789	400.043	456.724
4)	L1 AR-1016-2	5.566	4.812	82304448	51282815	385.558	450.293
5)	L1 AR-1016-3	5.627	4.988	48251501	25663971	388.936	443.607
6)	L1 AR-1016-4	5.727	5.027	38052487	20205503	375.785	428.640
7)	L1 AR-1016-5	6.017	5.240	35153700	24728199	352.038	406.479
8)	L2 AR-1221-1	4.590	3.930	4846207	3236823	137.116	164.958
9)	L2 AR-1221-2	4.681	4.018	8137476	4828178	306.342	325.770
10)	L2 AR-1221-3	4.756	4.092	31234851	19085456	350.377	386.049
11)	L3 AR-1232-1	4.756	4.092	31234851	19085456	409.996	443.511
12)	L3 AR-1232-2	5.278	4.812	39379927	51282815	1031.722	1138.313
13)	L3 AR-1232-3	5.566	4.988	82304448	25663971	1022.820	1132.390
14)	L3 AR-1232-4	5.727	5.068	38052487	24187573	990.001	1175.174
15)	L3 AR-1232-5	5.812	5.240	32741404	24728199	1143.122	1127.575
16)	L4 AR-1242-1	5.544	4.795	55974763	35447789	563.015	614.838
17)	L4 AR-1242-2	5.566	4.812	82304448	51282815	544.855	628.839
18)	L4 AR-1242-3	5.627	4.988	48251501	25663971	544.054	600.376
19)	L4 AR-1242-4	5.727	5.068	38052487	24187573	522.350	568.402
20)	L4 AR-1242-5	6.456	5.586	9889460	28050730	124.623	516.420 #
21)	L5 AR-1248-1	5.566	4.795	82304448	35447789	822.494	755.350
22)	L5 AR-1248-2	5.812	5.027	32741404	20205503	293.103	321.936
23)	L5 AR-1248-3	6.017	5.068	35153700	24187573	280.537	376.462 #
24)	L5 AR-1248-4	6.418	5.240	12489054	24728199	87.592	321.921 #
25)	L5 AR-1248-5	6.456	5.627	9889460	5962918	72.359	78.133
26)	L6 AR-1254-1	6.390	5.586	37424853	28050730	275.303	268.199
27)	L6 AR-1254-2	6.604	5.731	34603296	21292392	162.711	233.012 #
28)	L6 AR-1254-3	6.975	6.141	18988199	35418900	80.894	222.465 #
29)	L6 AR-1254-4	7.258	6.360	10421801	5187722	58.908	49.424
30)	L6 AR-1254-5	7.676	6.772	105.2E6	70346761	513.601	484.314
31)	L7 AR-1260-1	7.133	6.259	69563622	48523145	365.376	407.500
32)	L7 AR-1260-2	7.389	6.446	83733342	58959357	364.866	410.675
33)	L7 AR-1260-3	7.746	6.598	51385587	54492183	364.928	412.701
34)	L7 AR-1260-4	7.976	7.064	64193862	37348578	372.306	415.490
35)	L7 AR-1260-5	8.289	7.308	129.1E6	94813098	384.714	429.150
36)	L8 AR-1262-1	7.746	6.805	51385587	41038663	219.272	266.206
37)	L8 AR-1262-2	8.289	7.308	129.1E6	94813098	300.965	340.582
38)	L8 AR-1262-3	8.615	7.584	53292114	16383337	572.656	158.044 #
39)	L8 AR-1262-4	8.665	7.651	41176271	65917567	198.524	331.208 #
40)	L8 AR-1262-5	9.322	8.146	28486028	18006739	196.089	204.785
41)	L9 AR-1268-1	8.591	7.584	17105328	16383337	33.680	51.570 #
42)	L9 AR-1268-2	8.665	7.651	41176271	65917567	86.108	228.918 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011019\
 Data File : PQ036371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2019 19:40
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

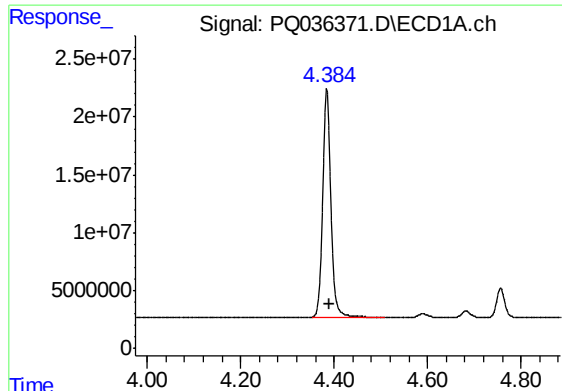
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 03:43:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 09 07:07:45 2019
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 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
44) L9	AR-1268-4	9.322	8.146	28486028	18006739	173.480	181.107
45) L9	AR-1268-5	9.717	8.433	7527328	4546463	5.550	6.049

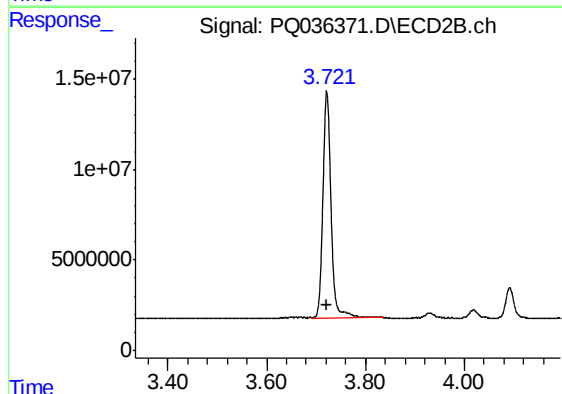
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

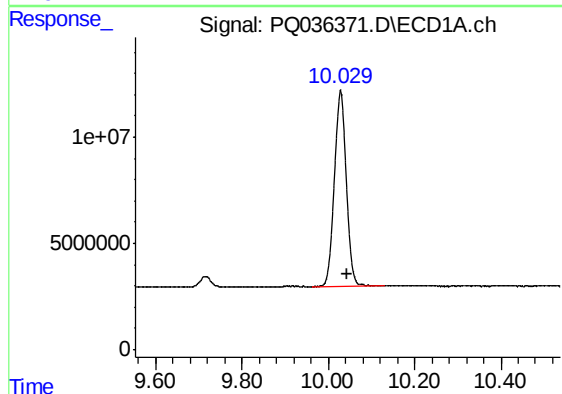
R.T.: 4.384 min
Delta R.T.: -0.005 min
Response: 238854527
Conc: 52.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



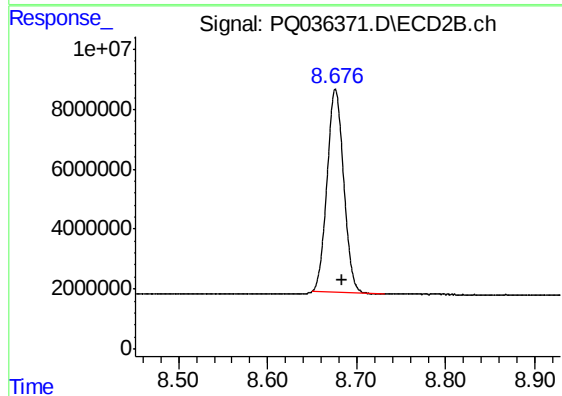
#1 Tetrachloro-m-xylene

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 142797838
Conc: 59.00 ng/ml



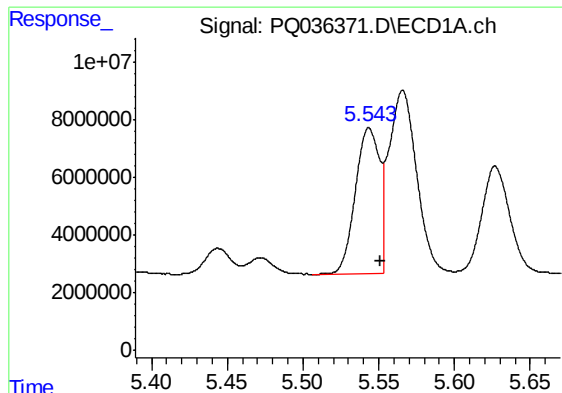
#2 Decachlorobiphenyl

R.T.: 10.029 min
Delta R.T.: -0.015 min
Response: 175592689
Conc: 48.27 ng/ml



#2 Decachlorobiphenyl

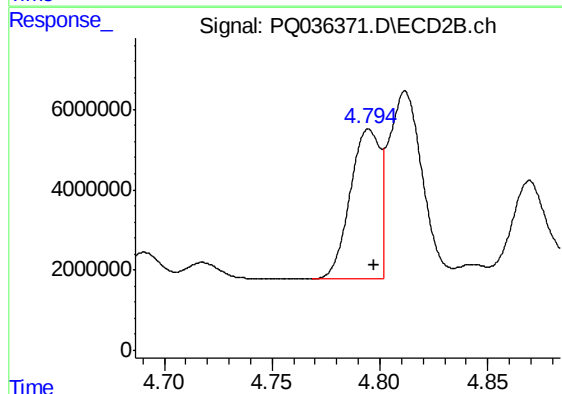
R.T.: 8.676 min
Delta R.T.: -0.008 min
Response: 87850364
Conc: 45.70 ng/ml



#3 AR-1016-1

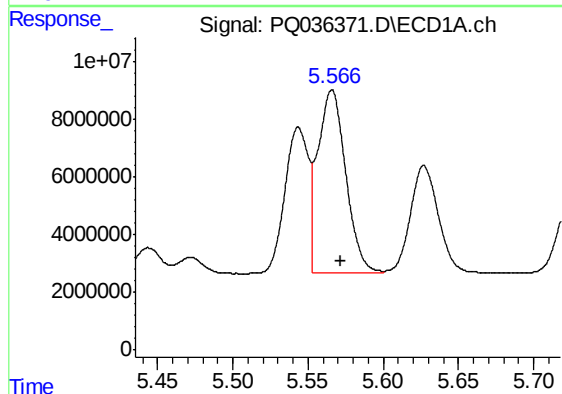
R.T.: 5.544 min
Delta R.T.: -0.008 min
Response: 55974763
Conc: 400.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



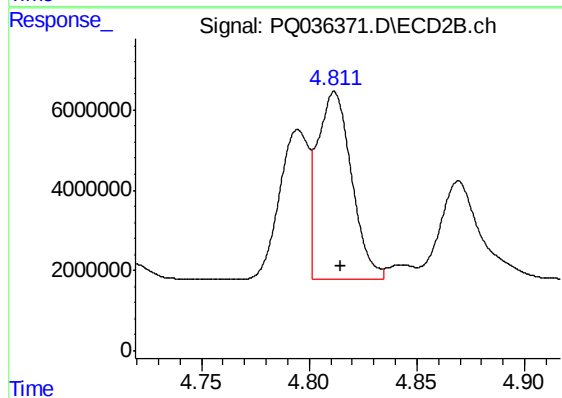
#3 AR-1016-1

R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 35447789
Conc: 456.72 ng/ml



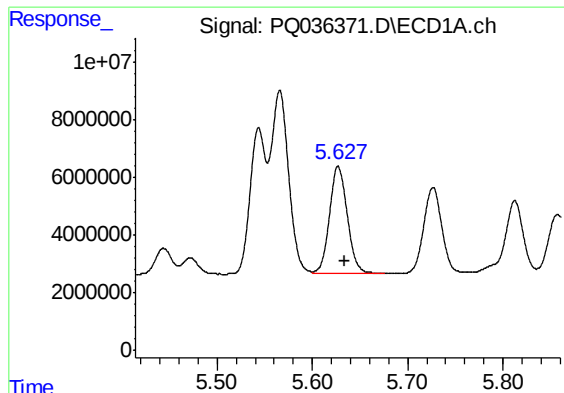
#4 AR-1016-2

R.T.: 5.566 min
Delta R.T.: -0.006 min
Response: 82304448
Conc: 385.56 ng/ml



#4 AR-1016-2

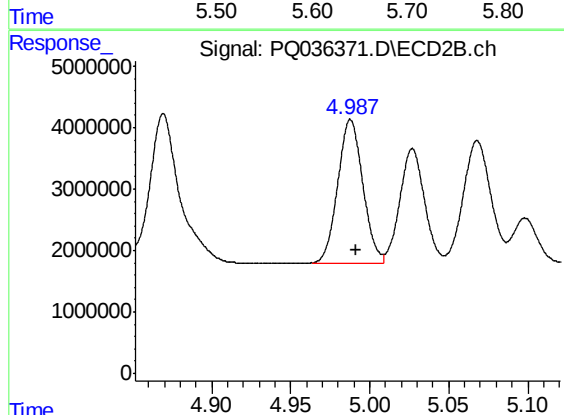
R.T.: 4.812 min
Delta R.T.: -0.003 min
Response: 51282815
Conc: 450.29 ng/ml



#5 AR-1016-3

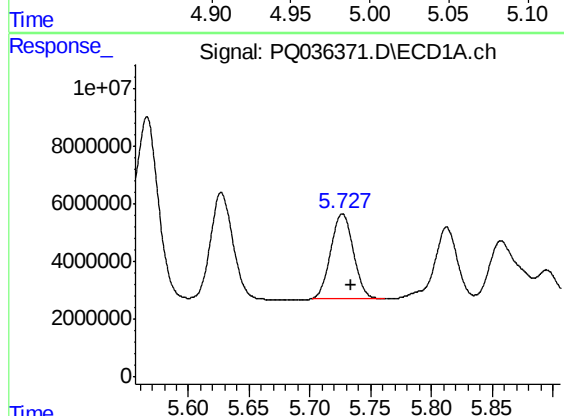
R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 48251501
Conc: 388.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



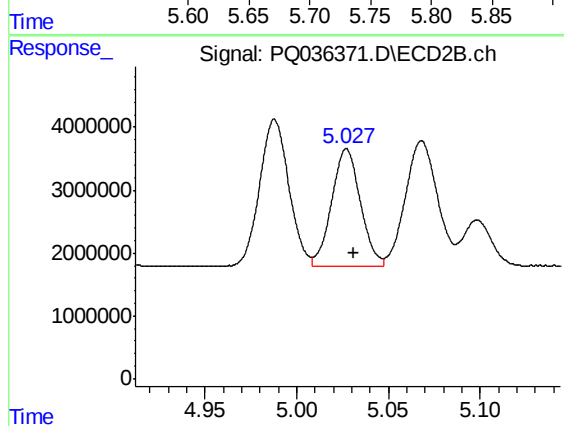
#5 AR-1016-3

R.T.: 4.988 min
Delta R.T.: -0.003 min
Response: 25663971
Conc: 443.61 ng/ml



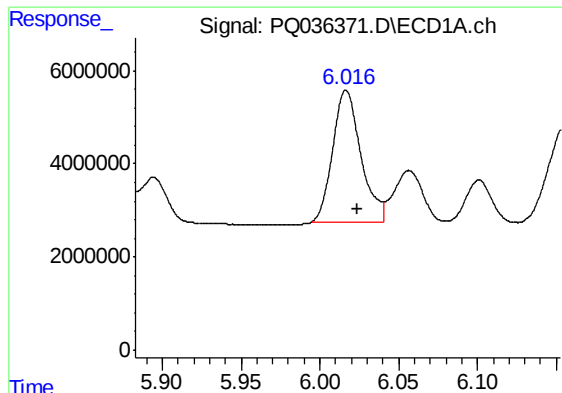
#6 AR-1016-4

R.T.: 5.727 min
Delta R.T.: -0.007 min
Response: 38052487
Conc: 375.79 ng/ml



#6 AR-1016-4

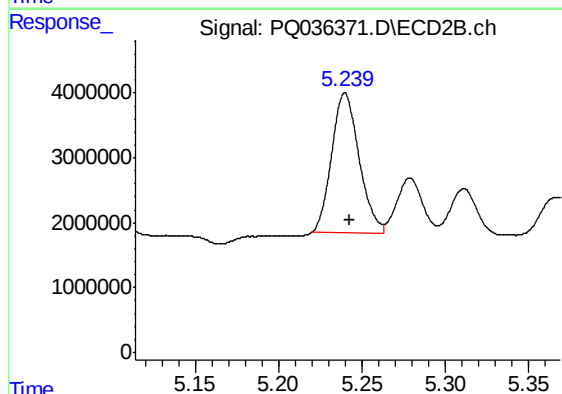
R.T.: 5.027 min
Delta R.T.: -0.004 min
Response: 20205503
Conc: 428.64 ng/ml



#7 AR-1016-5

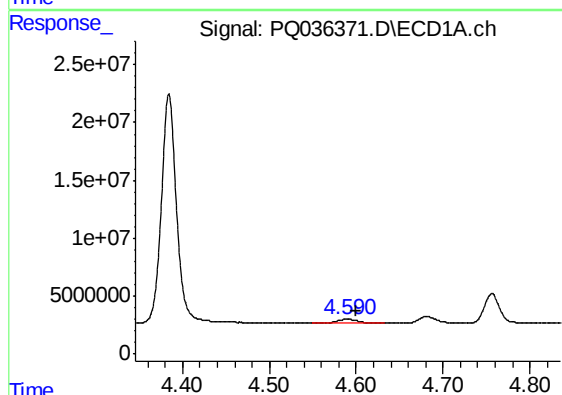
R.T.: 6.017 min
Delta R.T.: -0.007 min
Response: 35153700
Conc: 352.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



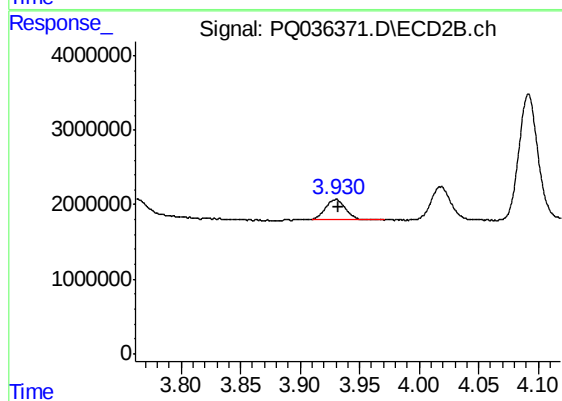
#7 AR-1016-5

R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 24728199
Conc: 406.48 ng/ml



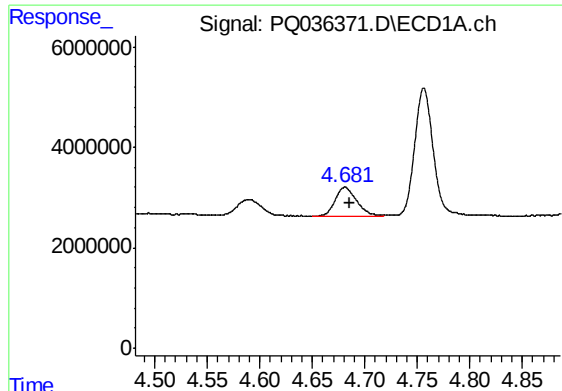
#8 AR-1221-1

R.T.: 4.590 min
Delta R.T.: -0.009 min
Response: 4846207
Conc: 137.12 ng/ml



#8 AR-1221-1

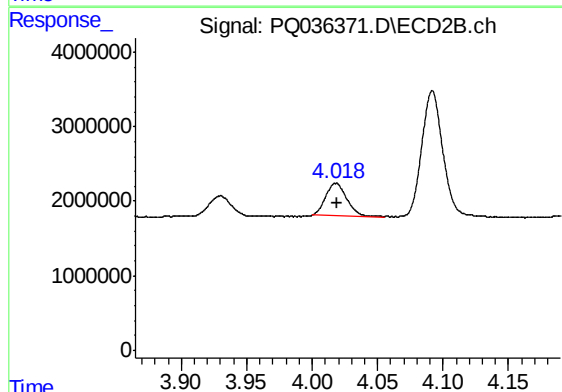
R.T.: 3.930 min
Delta R.T.: -0.003 min
Response: 3236823
Conc: 164.96 ng/ml



#9 AR-1221-2

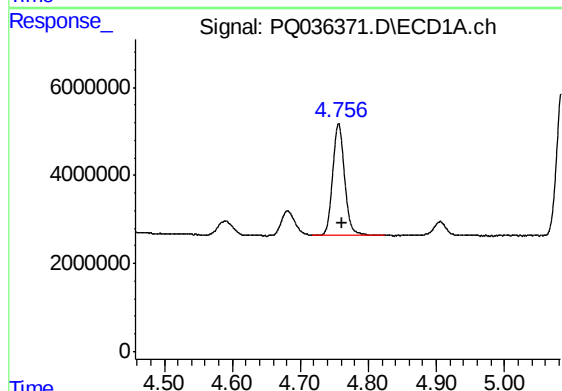
R.T.: 4.681 min
Delta R.T.: -0.005 min
Response: 8137476
Conc: 306.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



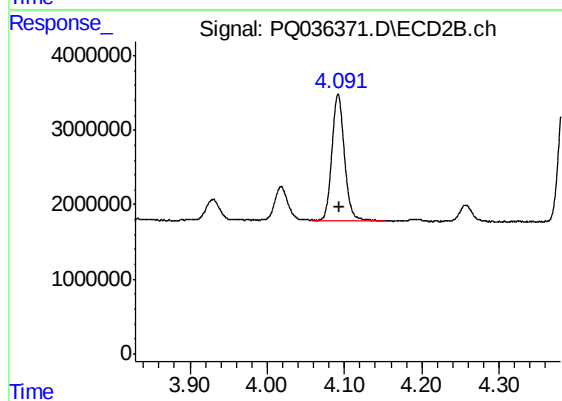
#9 AR-1221-2

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 4828178
Conc: 325.77 ng/ml



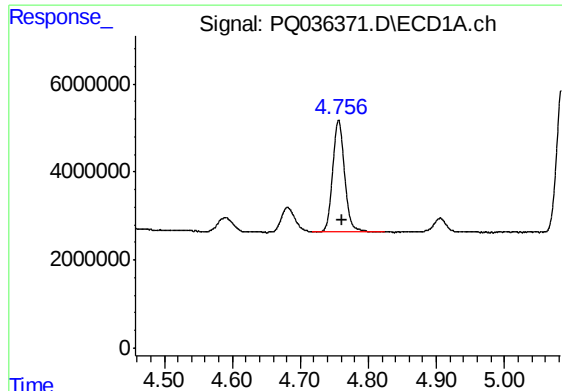
#10 AR-1221-3

R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 31234851
Conc: 350.38 ng/ml



#10 AR-1221-3

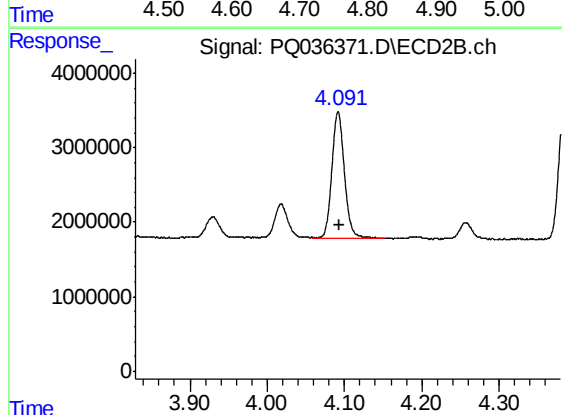
R.T.: 4.092 min
Delta R.T.: -0.002 min
Response: 19085456
Conc: 386.05 ng/ml



#11 AR-1232-1

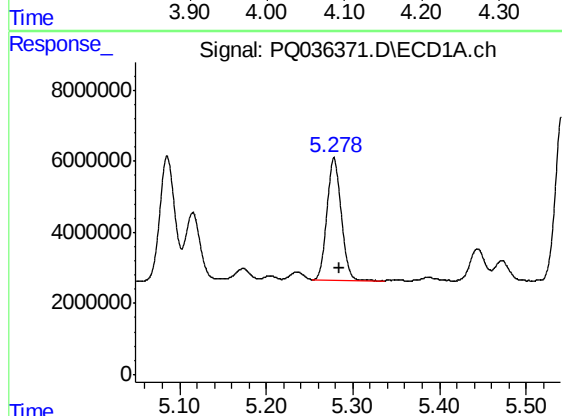
R.T.: 4.756 min
Delta R.T.: -0.005 min
Response: 31234851
Conc: 410.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



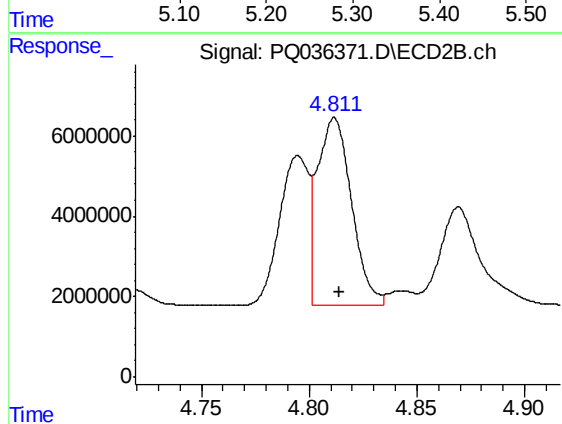
#11 AR-1232-1

R.T.: 4.092 min
Delta R.T.: -0.001 min
Response: 19085456
Conc: 443.51 ng/ml



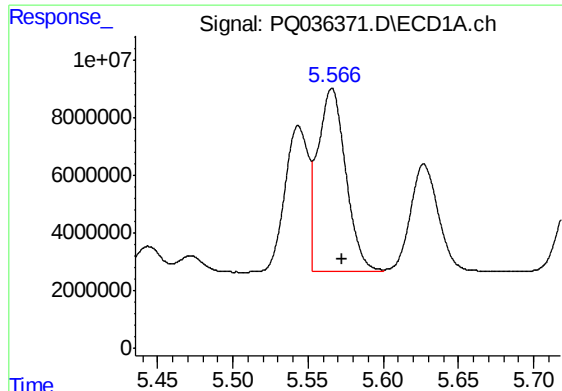
#12 AR-1232-2

R.T.: 5.278 min
Delta R.T.: -0.007 min
Response: 39379927
Conc: 1031.72 ng/ml



#12 AR-1232-2

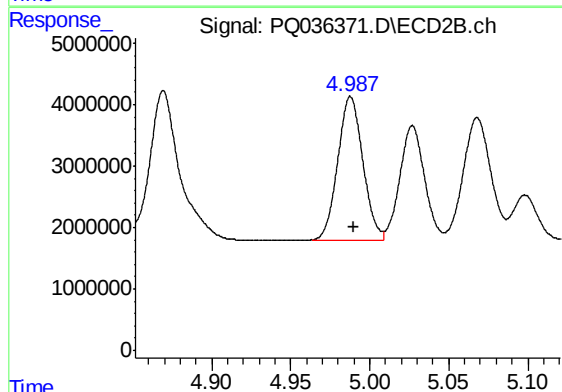
R.T.: 4.812 min
Delta R.T.: -0.002 min
Response: 51282815
Conc: 1138.31 ng/ml



#13 AR-1232-3

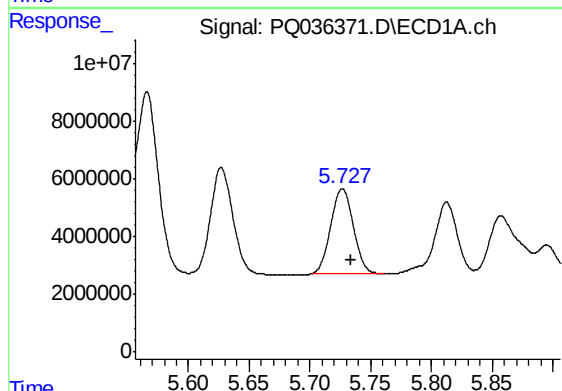
R.T.: 5.566 min
Delta R.T.: -0.007 min
Response: 82304448
Conc: 1022.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



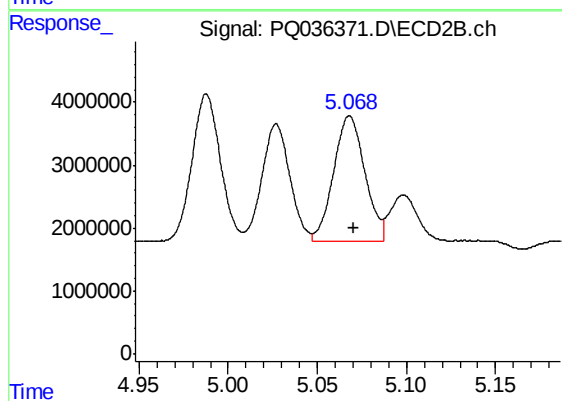
#13 AR-1232-3

R.T.: 4.988 min
Delta R.T.: -0.002 min
Response: 25663971
Conc: 1132.39 ng/ml



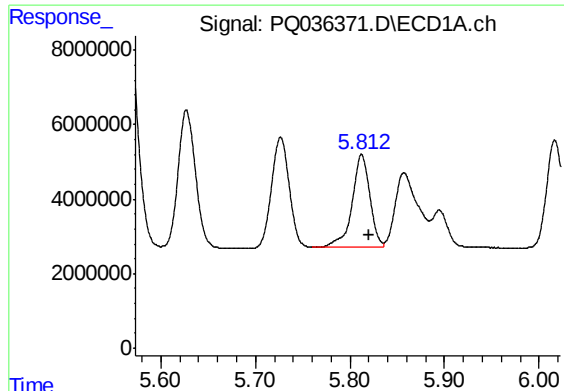
#14 AR-1232-4

R.T.: 5.727 min
Delta R.T.: -0.007 min
Response: 38052487
Conc: 990.00 ng/ml



#14 AR-1232-4

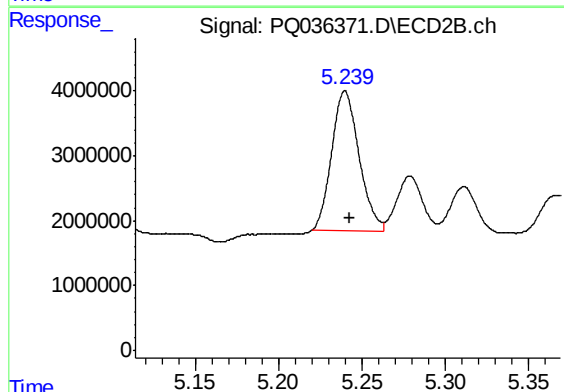
R.T.: 5.068 min
Delta R.T.: -0.002 min
Response: 24187573
Conc: 1175.17 ng/ml



#15 AR-1232-5

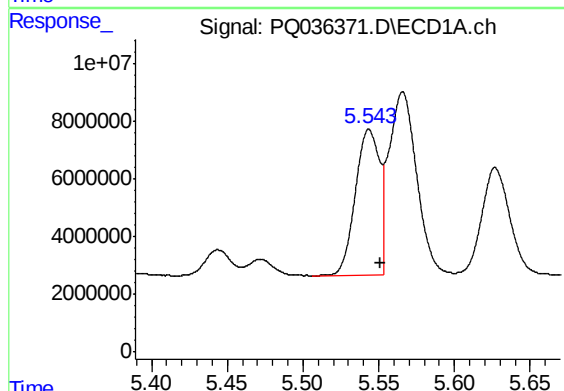
R.T.: 5.812 min
Delta R.T.: -0.007 min
Response: 32741404
Conc: 1143.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



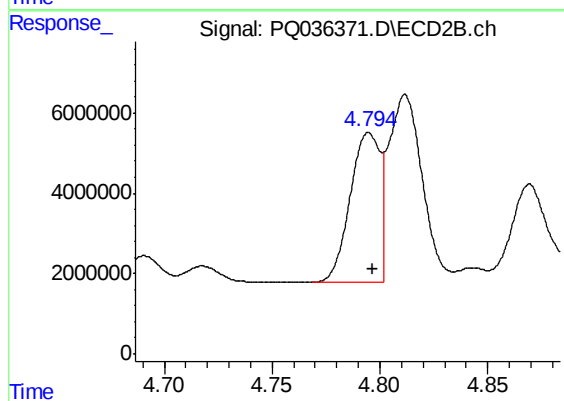
#15 AR-1232-5

R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 24728199
Conc: 1127.58 ng/ml



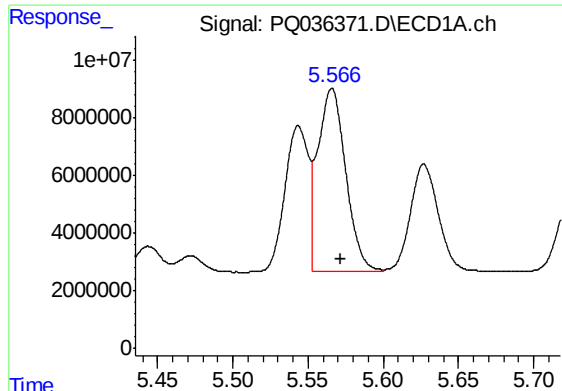
#16 AR-1242-1

R.T.: 5.544 min
Delta R.T.: -0.007 min
Response: 55974763
Conc: 563.02 ng/ml



#16 AR-1242-1

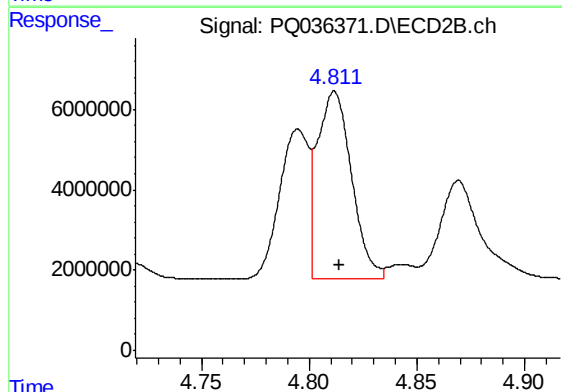
R.T.: 4.795 min
Delta R.T.: -0.002 min
Response: 35447789
Conc: 614.84 ng/ml



#17 AR-1242-2

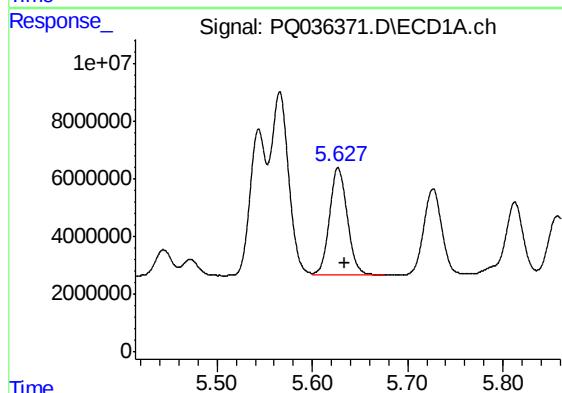
R.T.: 5.566 min
Delta R.T.: -0.006 min
Response: 82304448
Conc: 544.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



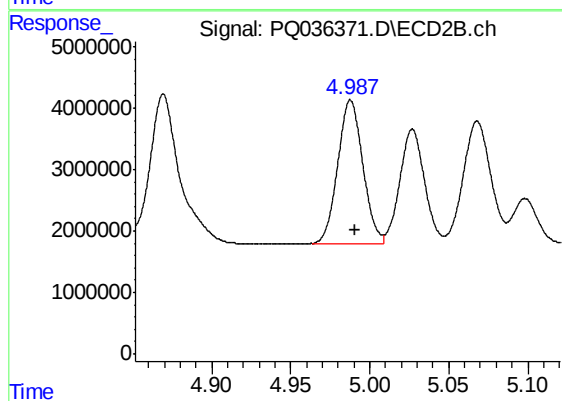
#17 AR-1242-2

R.T.: 4.812 min
Delta R.T.: -0.003 min
Response: 51282815
Conc: 628.84 ng/ml



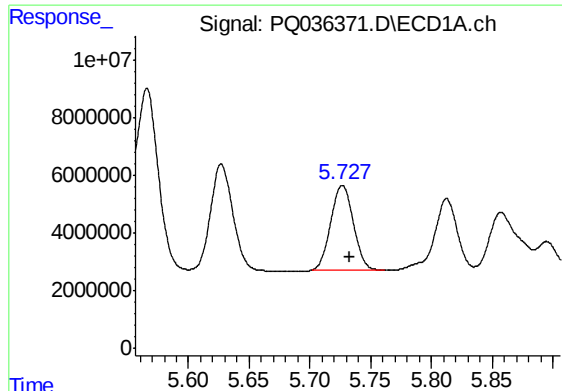
#18 AR-1242-3

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 48251501
Conc: 544.05 ng/ml



#18 AR-1242-3

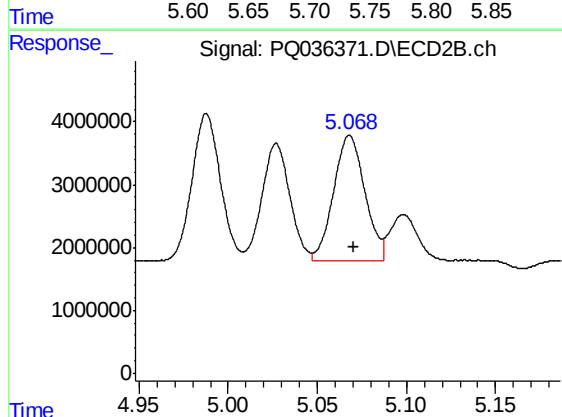
R.T.: 4.988 min
Delta R.T.: -0.003 min
Response: 25663971
Conc: 600.38 ng/ml



#19 AR-1242-4

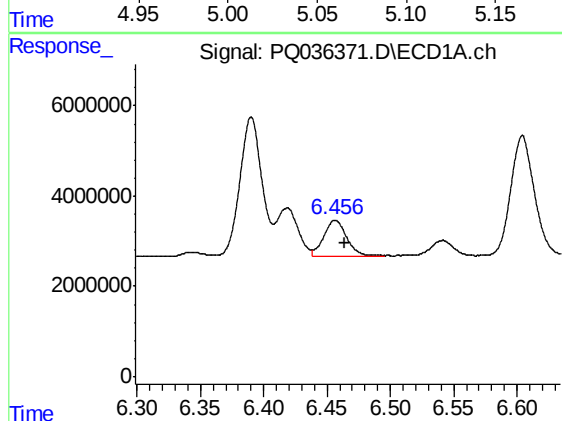
R.T.: 5.727 min
Delta R.T.: -0.006 min
Response: 38052487
Conc: 522.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



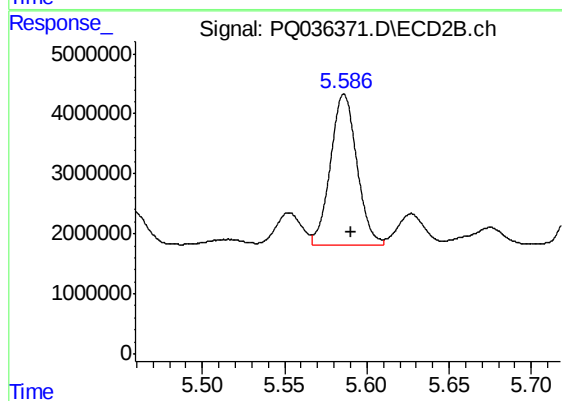
#19 AR-1242-4

R.T.: 5.068 min
Delta R.T.: -0.002 min
Response: 24187573
Conc: 568.40 ng/ml



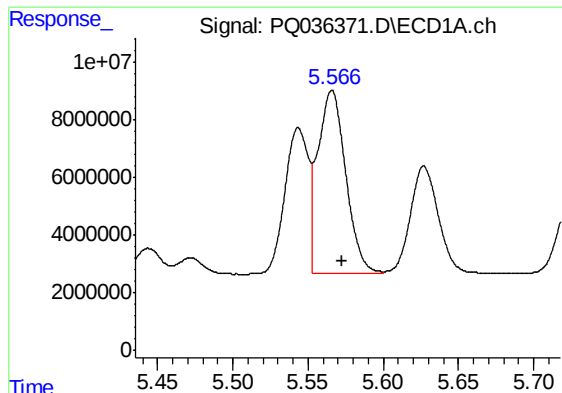
#20 AR-1242-5

R.T.: 6.456 min
Delta R.T.: -0.008 min
Response: 9889460
Conc: 124.62 ng/ml



#20 AR-1242-5

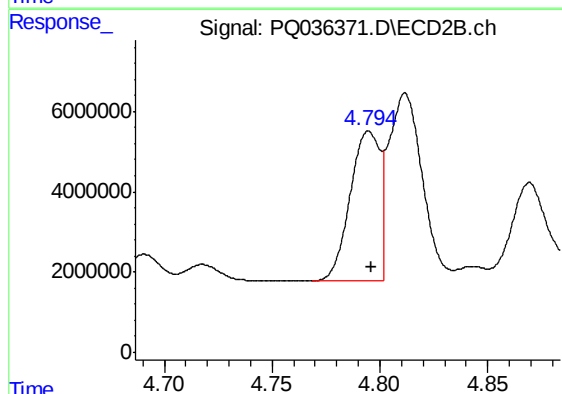
R.T.: 5.586 min
Delta R.T.: -0.004 min
Response: 28050730
Conc: 516.42 ng/ml



#21 AR-1248-1

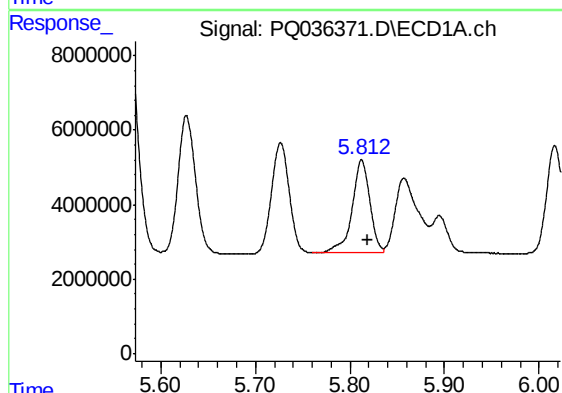
R.T.: 5.566 min
Delta R.T.: -0.007 min
Response: 82304448
Conc: 822.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



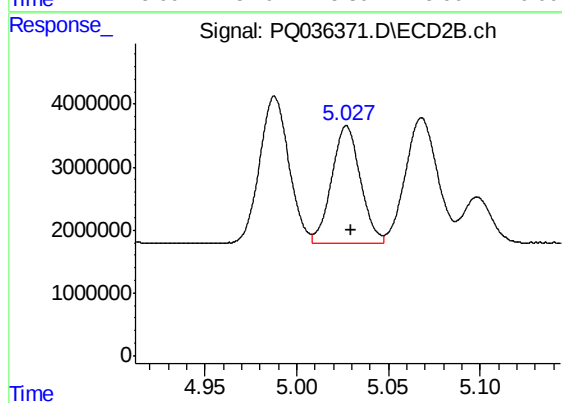
#21 AR-1248-1

R.T.: 4.795 min
Delta R.T.: -0.001 min
Response: 35447789
Conc: 755.35 ng/ml



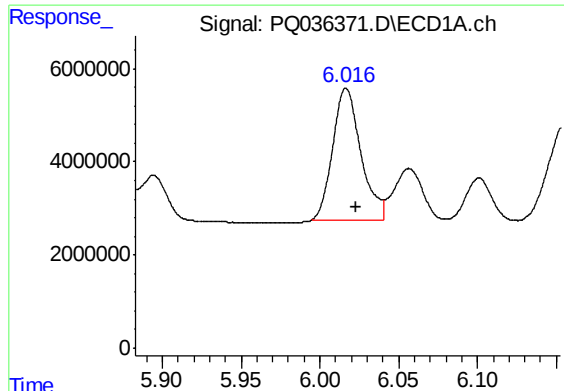
#22 AR-1248-2

R.T.: 5.812 min
Delta R.T.: -0.007 min
Response: 32741404
Conc: 293.10 ng/ml



#22 AR-1248-2

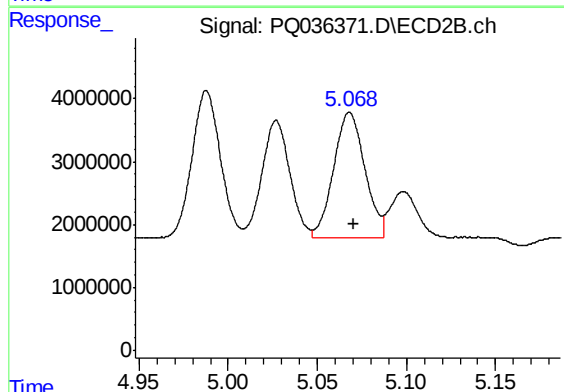
R.T.: 5.027 min
Delta R.T.: -0.002 min
Response: 20205503
Conc: 321.94 ng/ml



#23 AR-1248-3

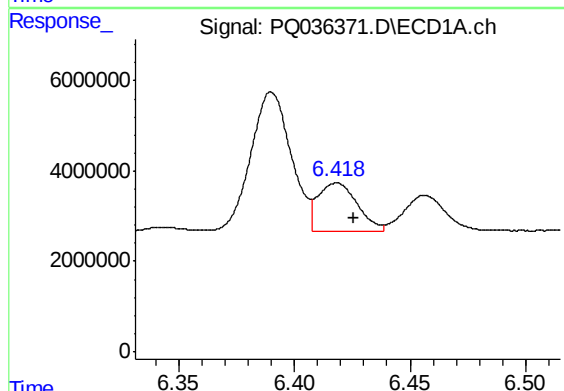
R.T.: 6.017 min
Delta R.T.: -0.007 min
Response: 35153700
Conc: 280.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



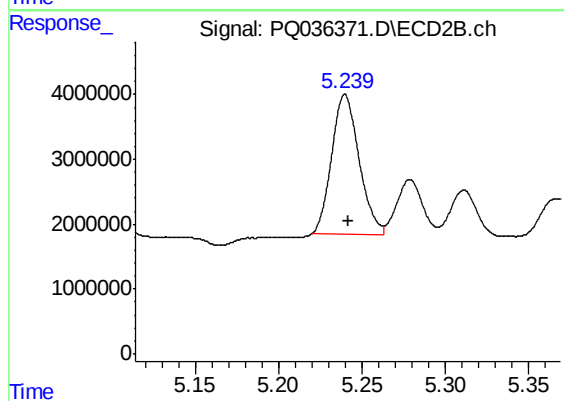
#23 AR-1248-3

R.T.: 5.068 min
Delta R.T.: -0.002 min
Response: 24187573
Conc: 376.46 ng/ml



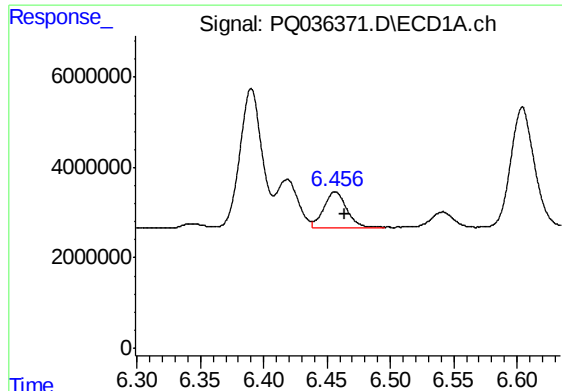
#24 AR-1248-4

R.T.: 6.418 min
Delta R.T.: -0.007 min
Response: 12489054
Conc: 87.59 ng/ml



#24 AR-1248-4

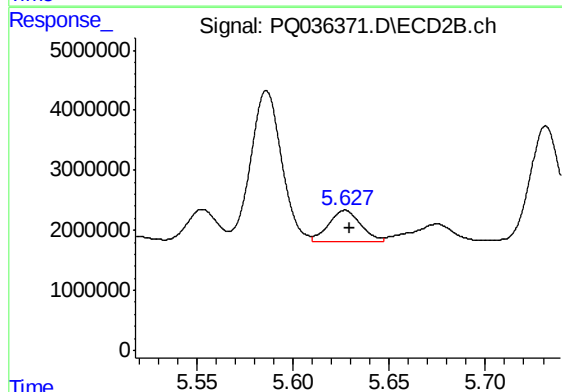
R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 24728199
Conc: 321.92 ng/ml



#25 AR-1248-5

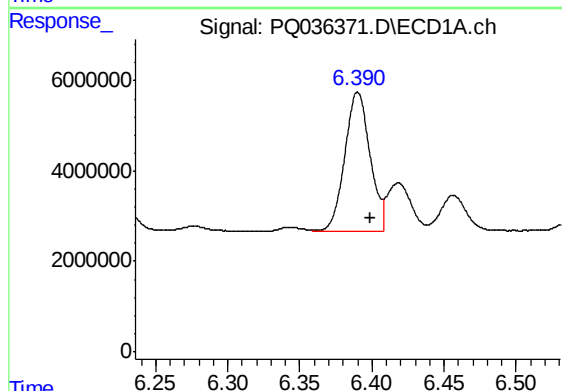
R.T.: 6.456 min
Delta R.T.: -0.008 min
Response: 9889460
Conc: 72.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



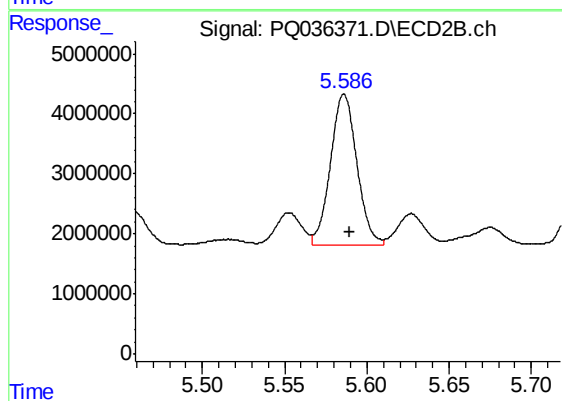
#25 AR-1248-5

R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 5962918
Conc: 78.13 ng/ml



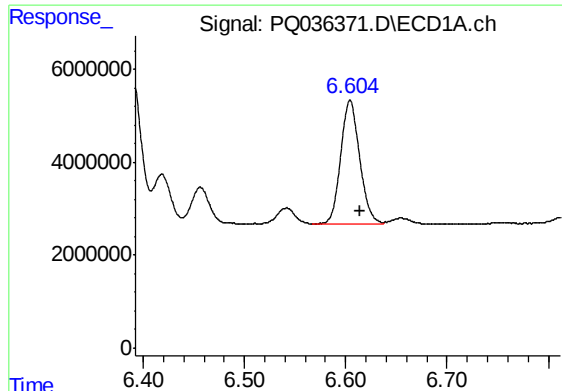
#26 AR-1254-1

R.T.: 6.390 min
Delta R.T.: -0.009 min
Response: 37424853
Conc: 275.30 ng/ml



#26 AR-1254-1

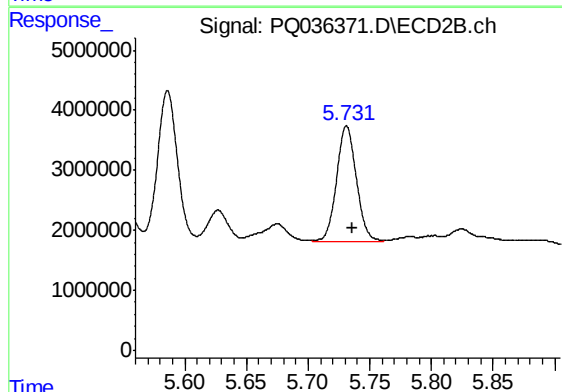
R.T.: 5.586 min
Delta R.T.: -0.004 min
Response: 28050730
Conc: 268.20 ng/ml



#27 AR-1254-2

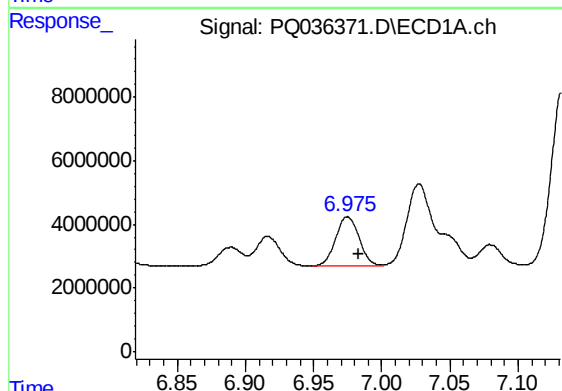
R.T.: 6.604 min
Delta R.T.: -0.010 min
Response: 34603296
Conc: 162.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



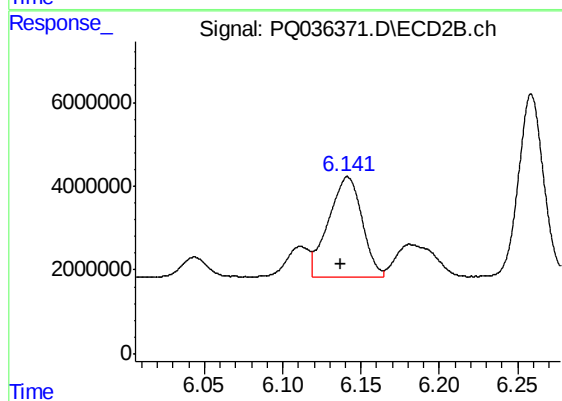
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: -0.004 min
Response: 21292392
Conc: 233.01 ng/ml



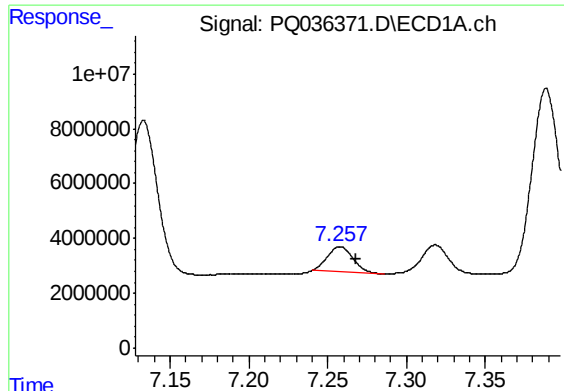
#28 AR-1254-3

R.T.: 6.975 min
Delta R.T.: -0.008 min
Response: 18988199
Conc: 80.89 ng/ml



#28 AR-1254-3

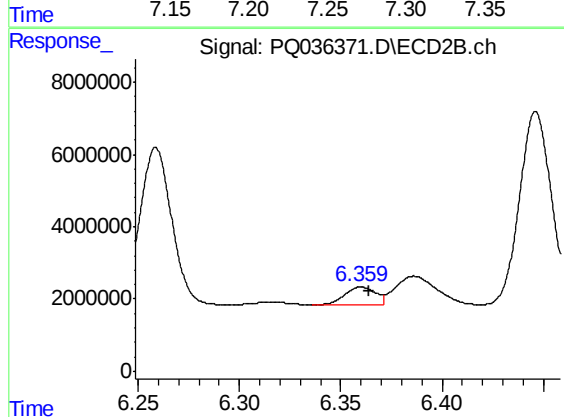
R.T.: 6.141 min
Delta R.T.: 0.004 min
Response: 35418900
Conc: 222.46 ng/ml



#29 AR-1254-4

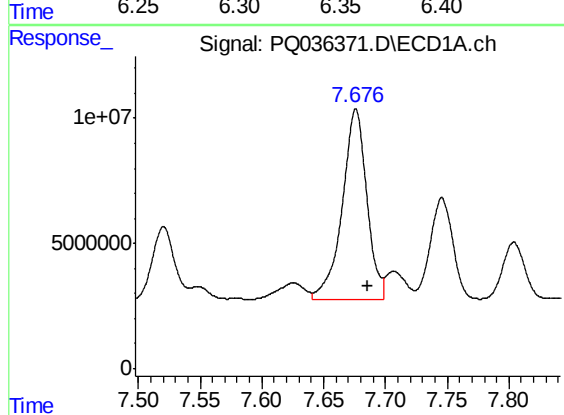
R.T.: 7.258 min
Delta R.T.: -0.010 min
Response: 10421801
Conc: 58.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



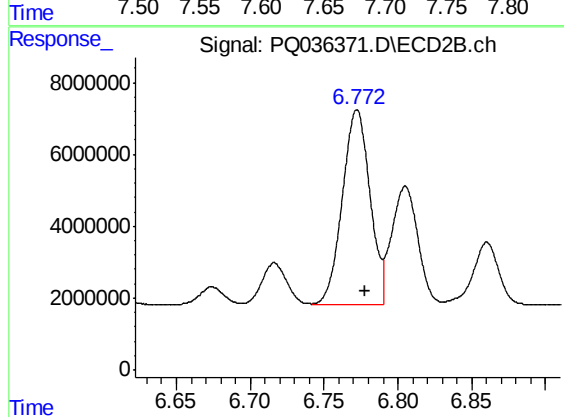
#29 AR-1254-4

R.T.: 6.360 min
Delta R.T.: -0.004 min
Response: 5187722
Conc: 49.42 ng/ml



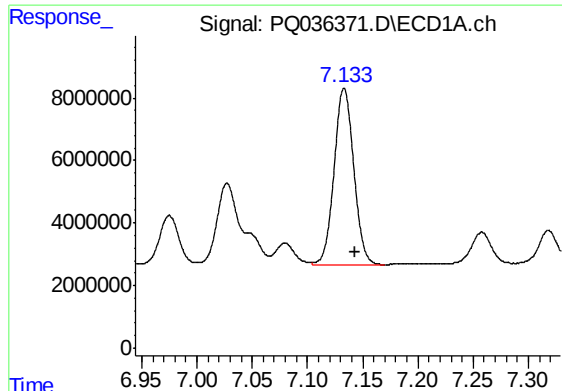
#30 AR-1254-5

R.T.: 7.676 min
Delta R.T.: -0.010 min
Response: 105194192
Conc: 513.60 ng/ml



#30 AR-1254-5

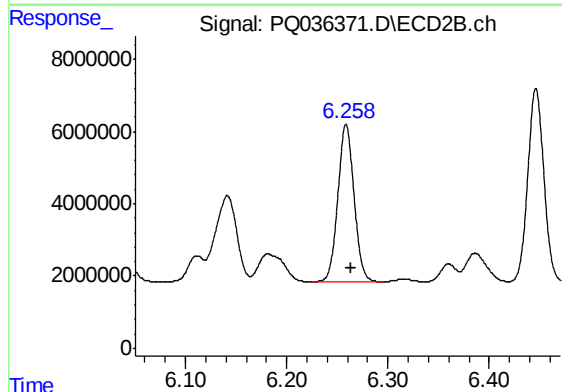
R.T.: 6.772 min
Delta R.T.: -0.005 min
Response: 70346761
Conc: 484.31 ng/ml



#31 AR-1260-1

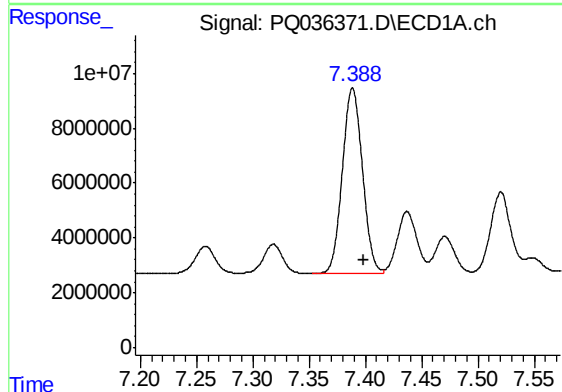
R.T.: 7.133 min
Delta R.T.: -0.010 min
Response: 69563622
Conc: 365.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



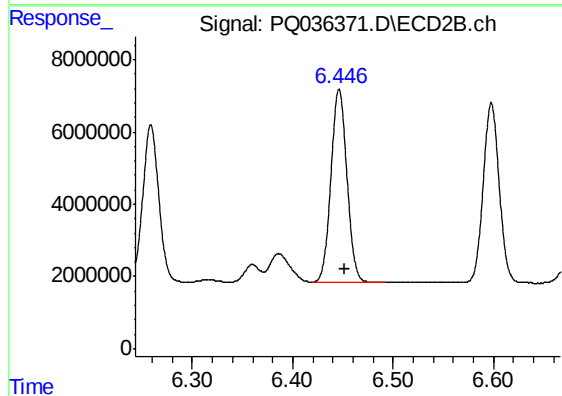
#31 AR-1260-1

R.T.: 6.259 min
Delta R.T.: -0.005 min
Response: 48523145
Conc: 407.50 ng/ml



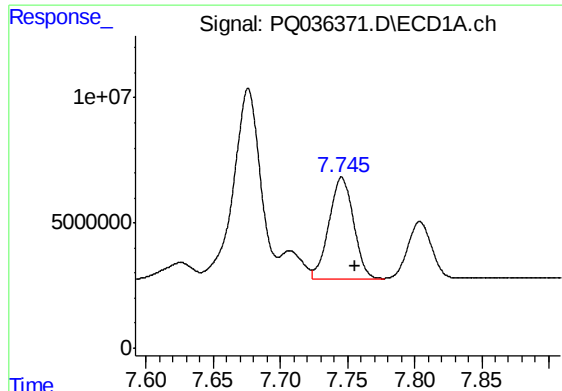
#32 AR-1260-2

R.T.: 7.389 min
Delta R.T.: -0.010 min
Response: 83733342
Conc: 364.87 ng/ml



#32 AR-1260-2

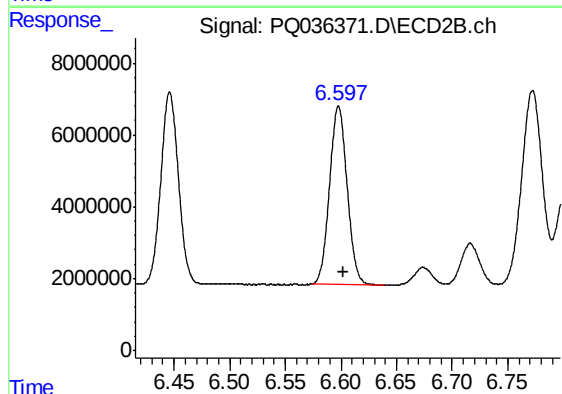
R.T.: 6.446 min
Delta R.T.: -0.005 min
Response: 58959357
Conc: 410.67 ng/ml



#33 AR-1260-3

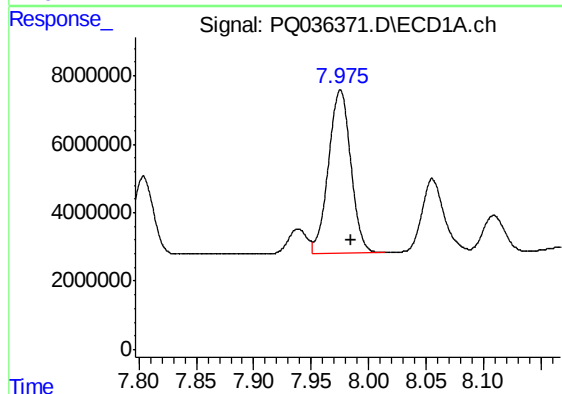
R.T.: 7.746 min
Delta R.T.: -0.010 min
Response: 51385587
Conc: 364.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



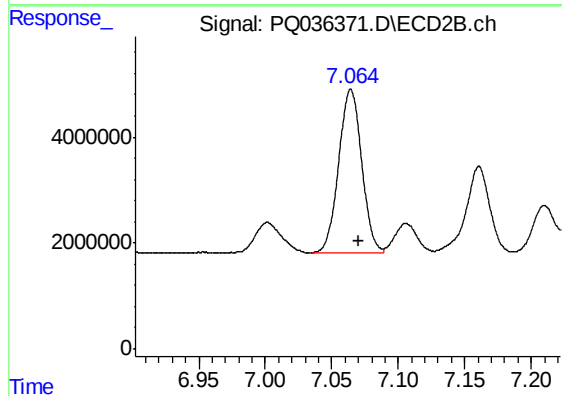
#33 AR-1260-3

R.T.: 6.598 min
Delta R.T.: -0.005 min
Response: 54492183
Conc: 412.70 ng/ml



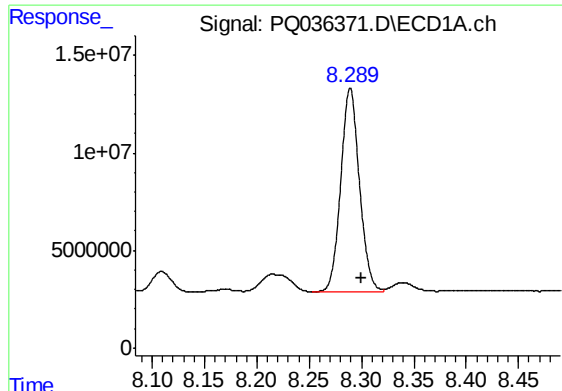
#34 AR-1260-4

R.T.: 7.976 min
Delta R.T.: -0.009 min
Response: 64193862
Conc: 372.31 ng/ml



#34 AR-1260-4

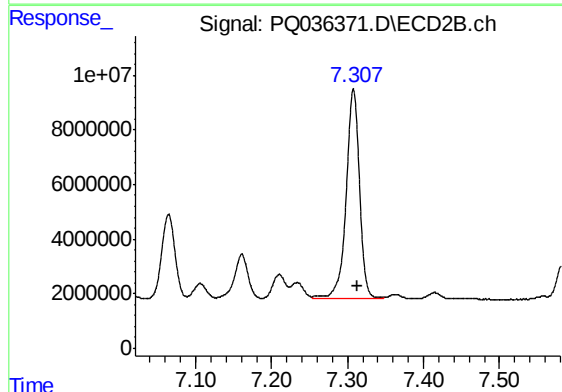
R.T.: 7.064 min
Delta R.T.: -0.006 min
Response: 37348578
Conc: 415.49 ng/ml



#35 AR-1260-5

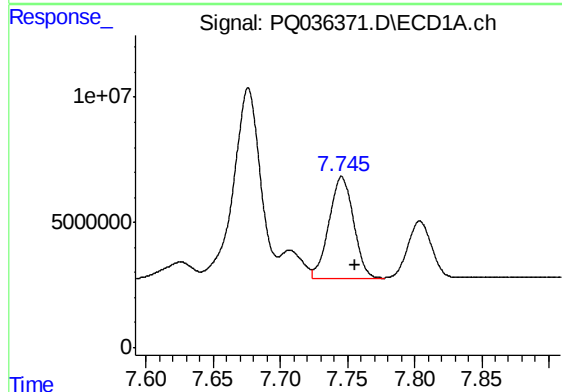
R.T.: 8.289 min
Delta R.T.: -0.011 min
Response: 129131247
Conc: 384.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



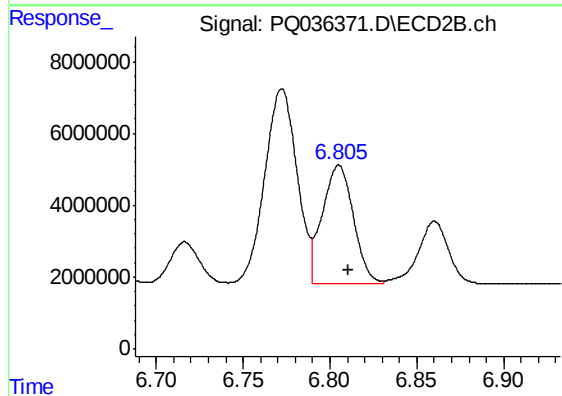
#35 AR-1260-5

R.T.: 7.308 min
Delta R.T.: -0.005 min
Response: 94813098
Conc: 429.15 ng/ml



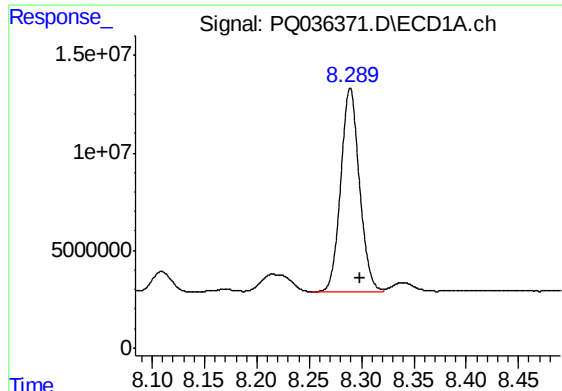
#36 AR-1262-1

R.T.: 7.746 min
Delta R.T.: -0.010 min
Response: 51385587
Conc: 219.27 ng/ml



#36 AR-1262-1

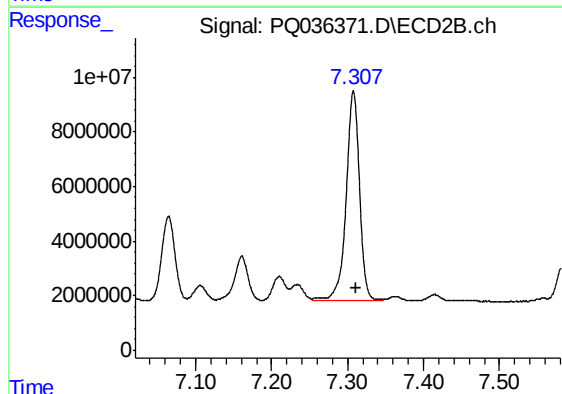
R.T.: 6.805 min
Delta R.T.: -0.005 min
Response: 41038663
Conc: 266.21 ng/ml



#37 AR-1262-2

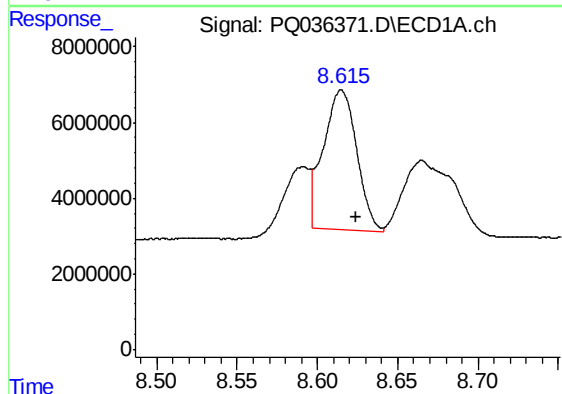
R.T.: 8.289 min
Delta R.T.: -0.010 min
Response: 129131247
Conc: 300.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



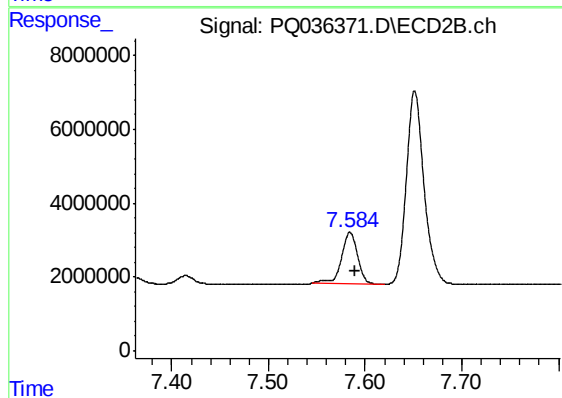
#37 AR-1262-2

R.T.: 7.308 min
Delta R.T.: -0.004 min
Response: 94813098
Conc: 340.58 ng/ml



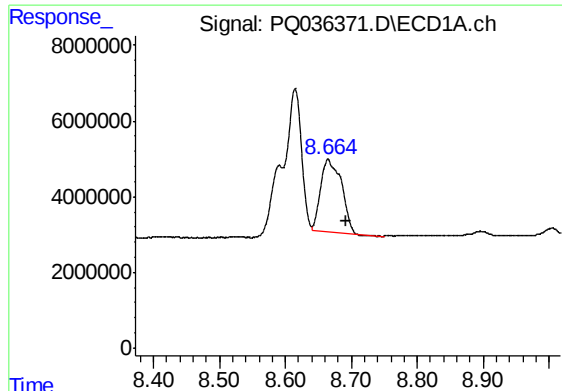
#38 AR-1262-3

R.T.: 8.615 min
Delta R.T.: -0.010 min
Response: 53292114
Conc: 572.66 ng/ml



#38 AR-1262-3

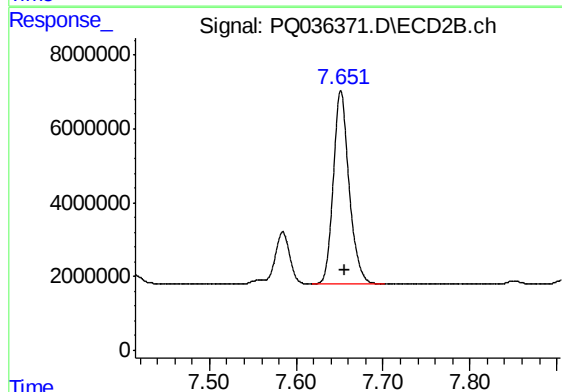
R.T.: 7.584 min
Delta R.T.: -0.005 min
Response: 16383337
Conc: 158.04 ng/ml



#39 AR-1262-4

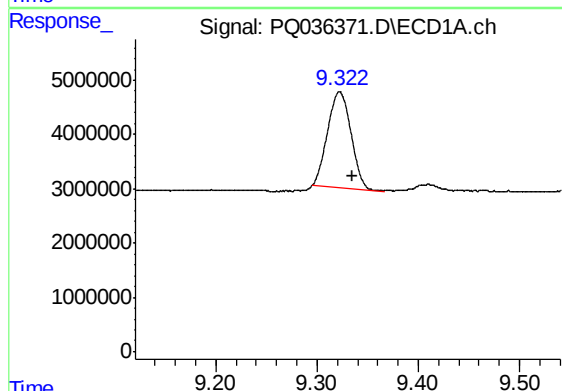
R.T.: 8.665 min
Delta R.T.: -0.026 min
Response: 41176271
Conc: 198.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



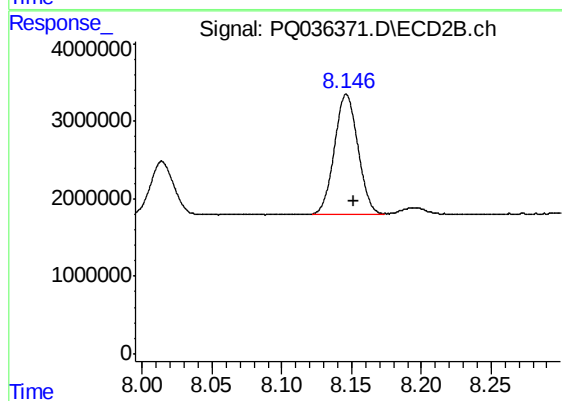
#39 AR-1262-4

R.T.: 7.651 min
Delta R.T.: -0.004 min
Response: 65917567
Conc: 331.21 ng/ml



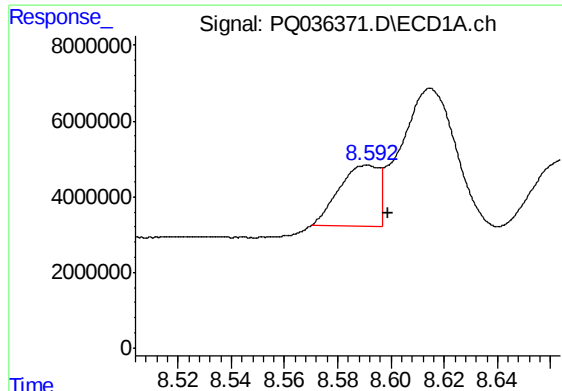
#40 AR-1262-5

R.T.: 9.322 min
Delta R.T.: -0.012 min
Response: 28486028
Conc: 196.09 ng/ml



#40 AR-1262-5

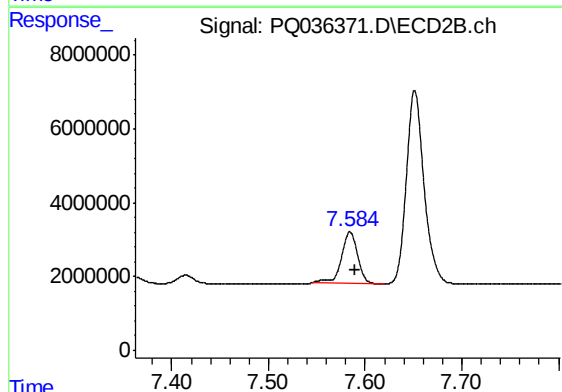
R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 18006739
Conc: 204.79 ng/ml



#41 AR-1268-1

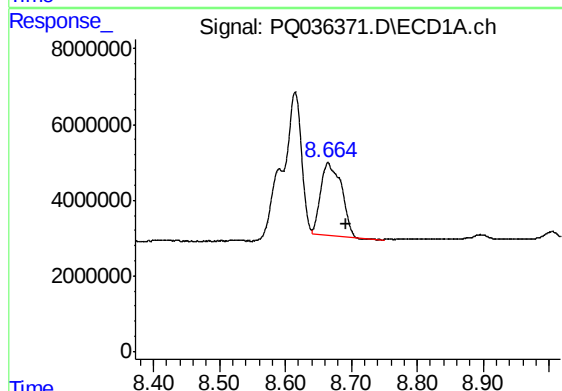
R.T.: 8.591 min
Delta R.T.: -0.008 min
Response: 17105328
Conc: 33.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



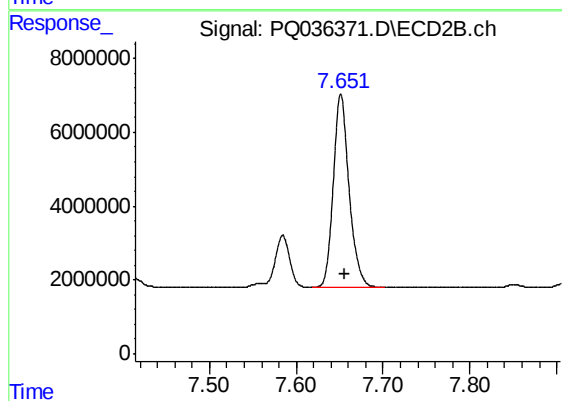
#41 AR-1268-1

R.T.: 7.584 min
Delta R.T.: -0.005 min
Response: 16383337
Conc: 51.57 ng/ml



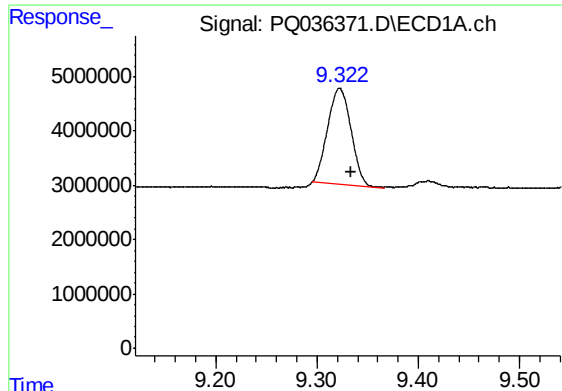
#42 AR-1268-2

R.T.: 8.665 min
Delta R.T.: -0.027 min
Response: 41176271
Conc: 86.11 ng/ml



#42 AR-1268-2

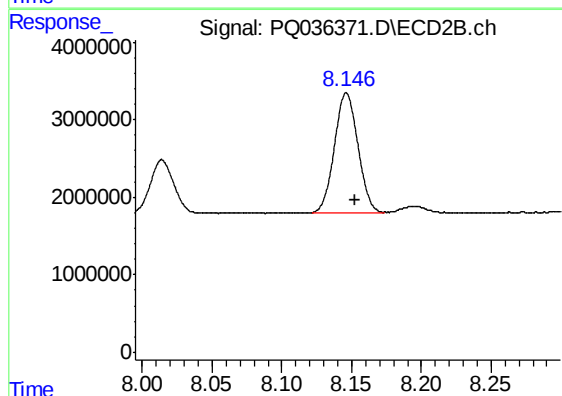
R.T.: 7.651 min
Delta R.T.: -0.005 min
Response: 65917567
Conc: 228.92 ng/ml



#44 AR-1268-4

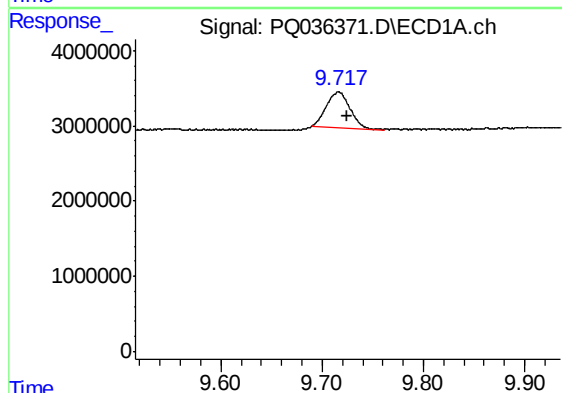
R.T.: 9.322 min
Delta R.T.: -0.011 min
Response: 28486028
Conc: 173.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



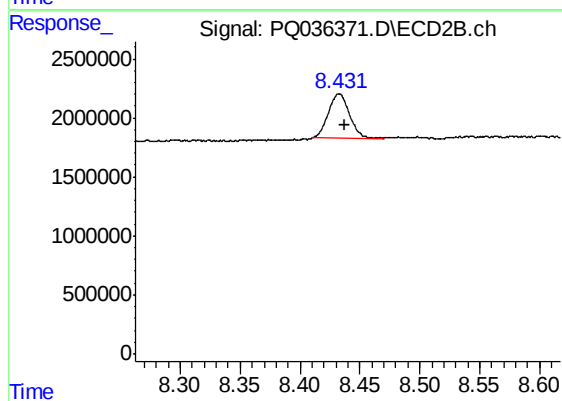
#44 AR-1268-4

R.T.: 8.146 min
Delta R.T.: -0.006 min
Response: 18006739
Conc: 181.11 ng/ml



#45 AR-1268-5

R.T.: 9.717 min
Delta R.T.: -0.009 min
Response: 7527328
Conc: 5.55 ng/ml



#45 AR-1268-5

R.T.: 8.433 min
Delta R.T.: -0.005 min
Response: 4546463
Conc: 6.05 ng/ml