

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090118\
 Data File : PQ031556.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2018 21:49
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:17:26 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...	4.605	3.884	80971211	63662269	55.489	55.873
2)	SA Decachlor...	10.463	8.967	112.9E6	108.2E6	52.634	51.637
Target Compounds							
3)	L1 AR-1016-1	5.318	4.567	20973351	17730868	537.062	552.667
4)	L1 AR-1016-2	5.515	4.984	21313929	26882516	531.379	536.090
5)	L1 AR-1016-3	5.783	5.004	31109360	38443660	506.363	533.455
6)	L1 AR-1016-4	5.868	5.060	28412148	25471985	526.544	572.805
7)	L1 AR-1016-5	6.262	5.438	24585986	22352303	540.883	557.339
8)	L2 AR-1221-1	4.813	4.099	2381348	1891106	136.043	136.697
9)	L2 AR-1221-2	4.904	4.188	3396181	2889018	259.837	265.281
10)	L2 AR-1221-3	4.981	4.265	14476411	11643806	337.035	335.500
11)	L3 AR-1232-1	5.805	4.763	45969069	18396225	1519.316	1458.412
12)	L3 AR-1232-2	5.968	4.877	22949487	5357546	1480.259	1494.237
13)	L3 AR-1232-3	6.139	5.264	6961238	20254709	1700.099	1643.076
14)	L3 AR-1232-4	6.473	5.588	6569807	24483949	1479.384	1621.986
15)	L3 AR-1232-5	7.336	0.000	2989344	0	1124.333	N.D. #
16)	L4 AR-1242-1	5.349	4.588	12473520	9826283	682.206	702.490
17)	L4 AR-1242-2	6.102	5.182	21112514	20663111	685.937	720.076
18)	L4 AR-1242-3	6.304	5.296	10894309	6732813	675.743	700.694
19)	L4 AR-1242-4	6.349	5.662	8529184	6048227	627.988	687.655
20)	L4 AR-1242-5	6.404	6.035	26424154	2628049	673.836	114.892 #
21)	L5 AR-1248-1	6.056	5.221	20109111	16157948	354.522	342.228
22)	L5 AR-1248-2	6.640	5.791	23857401	23659474	401.648	253.834 #
23)	L5 AR-1248-3	6.666	5.833	8826841	5460915	110.796	85.434
24)	L5 AR-1248-4	6.706	6.035	7647665	2628049	100.481	45.664 #
25)	L5 AR-1248-5	6.857	6.359	21089845	43018349	412.244	931.452 #
26)	L6 AR-1254-1	6.857	5.937	21089845	17379637	145.393	174.103
27)	L6 AR-1254-2	7.141	6.255	3407083	3476222	37.892	39.644
28)	L6 AR-1254-3	7.227	6.572	10754316	3460995	65.619	29.954 #
29)	L6 AR-1254-4	7.511	6.899	7476931	6088204	61.144	73.320
30)	L6 AR-1254-5	7.774	6.991	29859468	78720558	314.660	473.475 #
31)	L7 AR-1260-1	7.389	6.474	55647990	54625129	506.471	540.831
32)	L7 AR-1260-2	7.645	6.660	68526502	68138118	517.220	527.418
33)	L7 AR-1260-3	7.931	6.817	82749810	64313763	524.381	534.839
34)	L7 AR-1260-4	8.238	7.290	60960641	54637004	521.295	528.370
35)	L7 AR-1260-5	8.570	7.528	125.1E6	137.9E6	526.664	541.423
36)	L8 AR-1262-1	7.283	6.359	30202207	43018349	524.356	857.261 #
37)	L8 AR-1262-2	8.062	7.082	26517102	27249044	495.997	500.688
38)	L8 AR-1262-3	8.323	7.388	28909674	29677786	472.595	478.555
39)	L8 AR-1262-4	8.970	7.814	46147507	27944388	360.472	266.813 #
40)	L8 AR-1262-5	9.677	8.385	33841151	33254539	351.009	351.476
41)	L9 AR-1268-1	8.005	7.028	50677058	56065768	954.684	1041.208

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 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

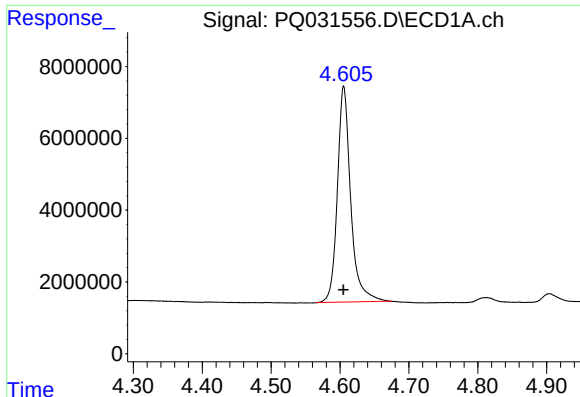
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:17:26 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	8.238	7.877	60960641	99617983	873.432	329.552 #
43) L9	AR-1268-3	8.914	8.088	79211770	3082507	243.062	12.322 #
44) L9	AR-1268-4	9.230	8.182	3161150	2806409	12.640	41.713 #
45) L9	AR-1268-5	10.111	8.694	9178939	8885095	10.734	10.551

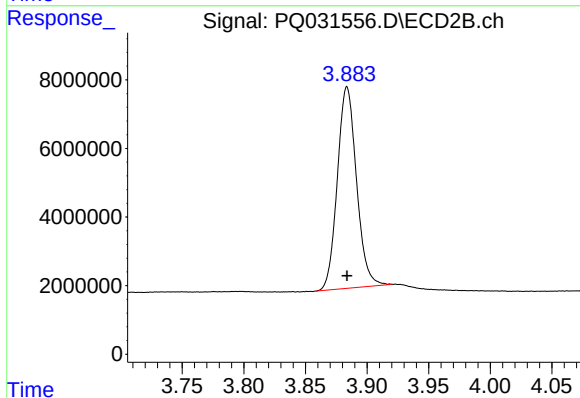
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

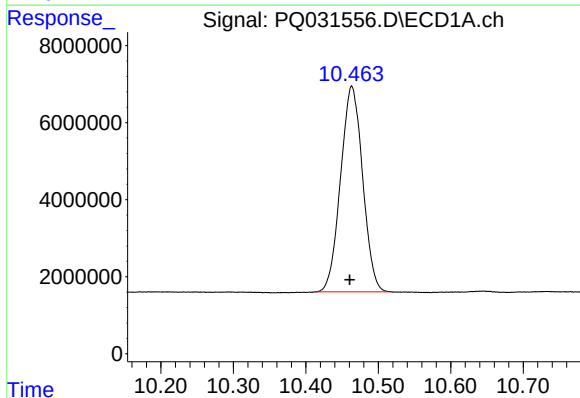
R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 80971211
Conc: 55.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



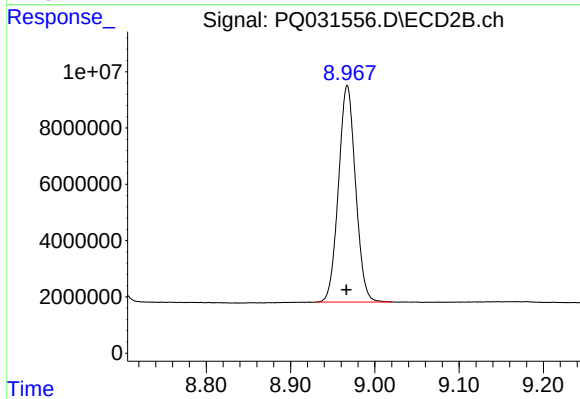
#1 Tetrachloro-m-xylene

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 63662269
Conc: 55.87 ng/ml



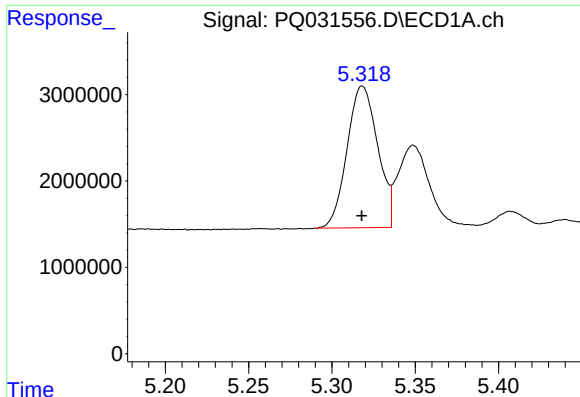
#2 Decachlorobiphenyl

R.T.: 10.463 min
Delta R.T.: 0.003 min
Response: 112859972
Conc: 52.63 ng/ml



#2 Decachlorobiphenyl

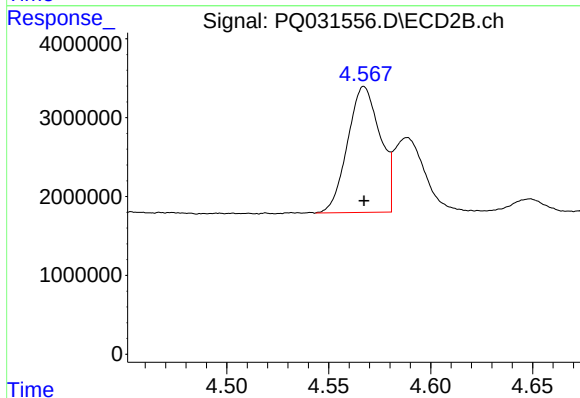
R.T.: 8.967 min
Delta R.T.: 0.001 min
Response: 108214152
Conc: 51.64 ng/ml



#3 AR-1016-1

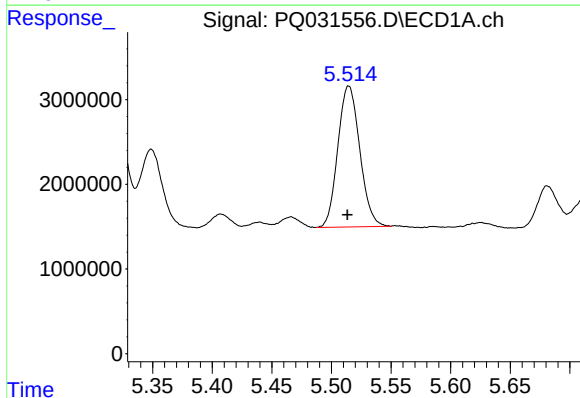
R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 20973351
Conc: 537.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



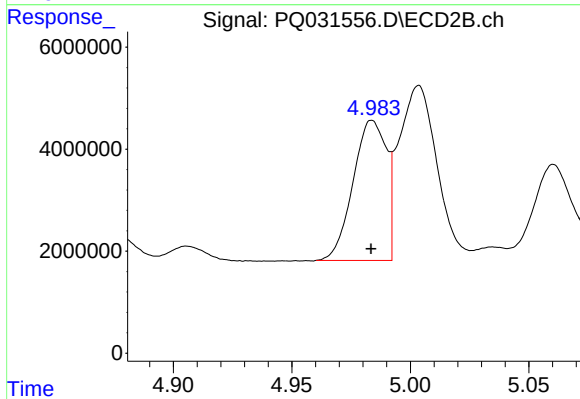
#3 AR-1016-1

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 17730868
Conc: 552.67 ng/ml



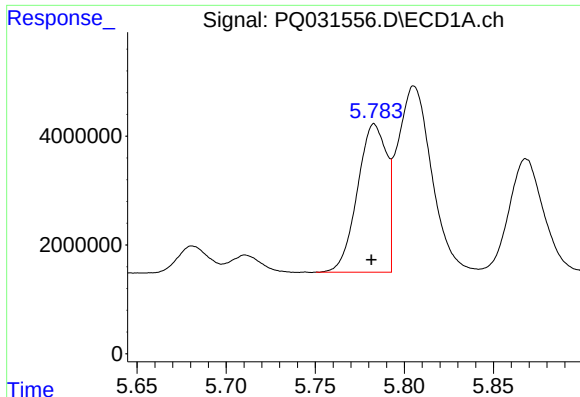
#4 AR-1016-2

R.T.: 5.515 min
Delta R.T.: 0.001 min
Response: 21313929
Conc: 531.38 ng/ml



#4 AR-1016-2

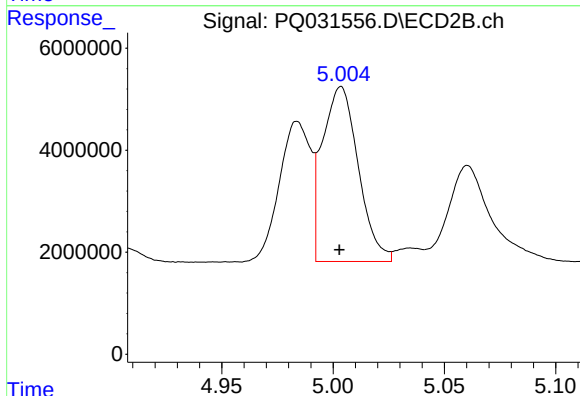
R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 26882516
Conc: 536.09 ng/ml



#5 AR-1016-3

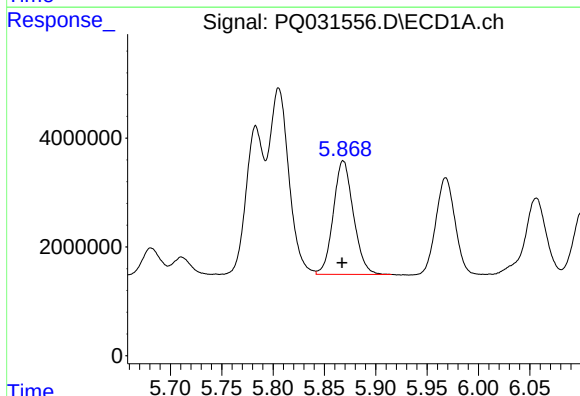
R.T.: 5.783 min
Delta R.T.: 0.002 min
Response: 31109360
Conc: 506.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



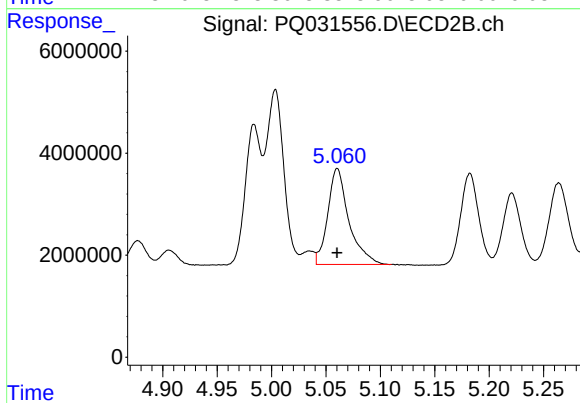
#5 AR-1016-3

R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 38443660
Conc: 533.45 ng/ml



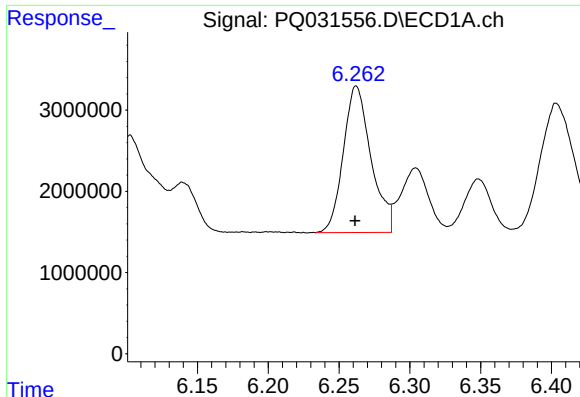
#6 AR-1016-4

R.T.: 5.868 min
Delta R.T.: 0.001 min
Response: 28412148
Conc: 526.54 ng/ml



#6 AR-1016-4

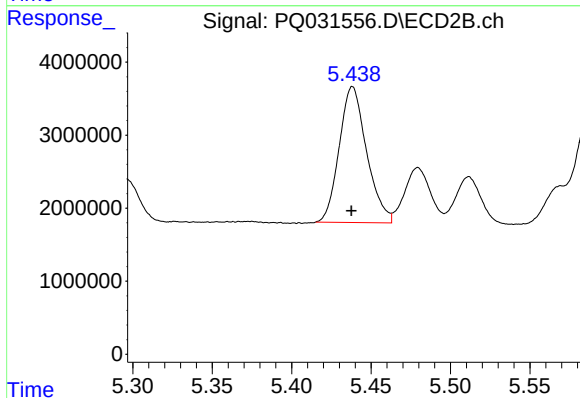
R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 25471985
Conc: 572.80 ng/ml



#7 AR-1016-5

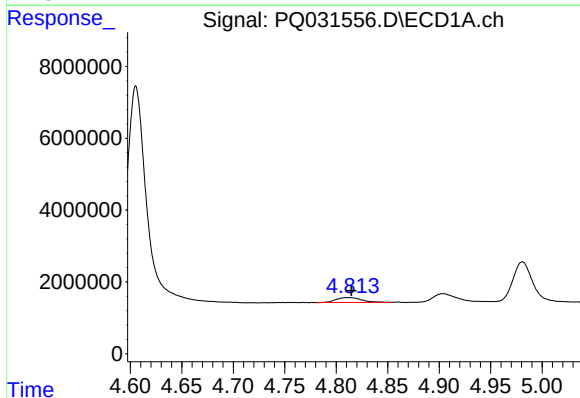
R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 24585986
Conc: 540.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



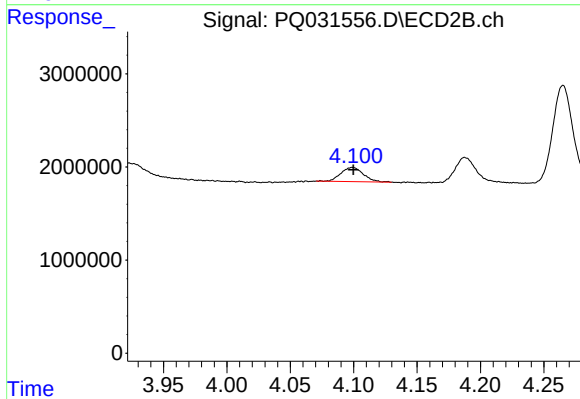
#7 AR-1016-5

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 22352303
Conc: 557.34 ng/ml



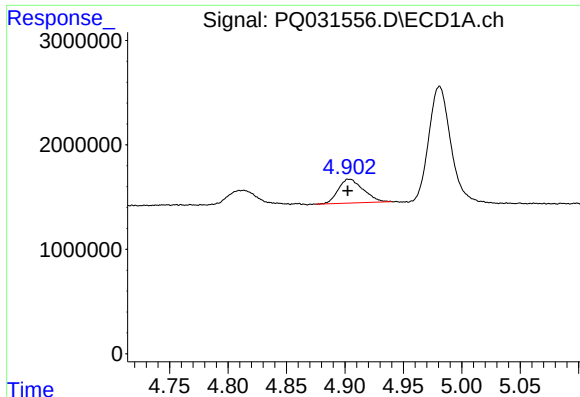
#8 AR-1221-1

R.T.: 4.813 min
Delta R.T.: -0.001 min
Response: 2381348
Conc: 136.04 ng/ml



#8 AR-1221-1

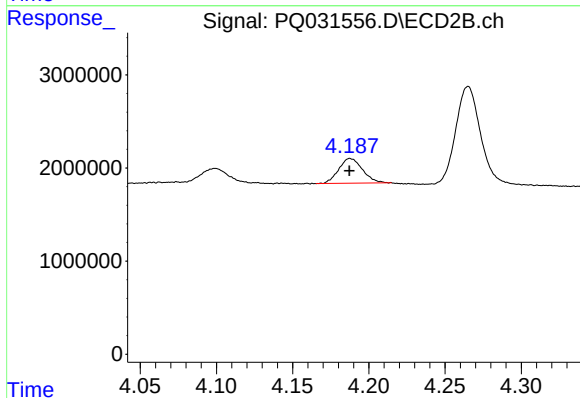
R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 1891106
Conc: 136.70 ng/ml



#9 AR-1221-2

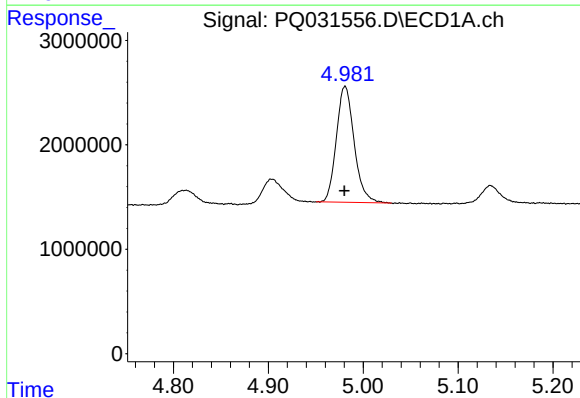
R.T.: 4.904 min
Delta R.T.: 0.001 min
Response: 3396181
Conc: 259.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



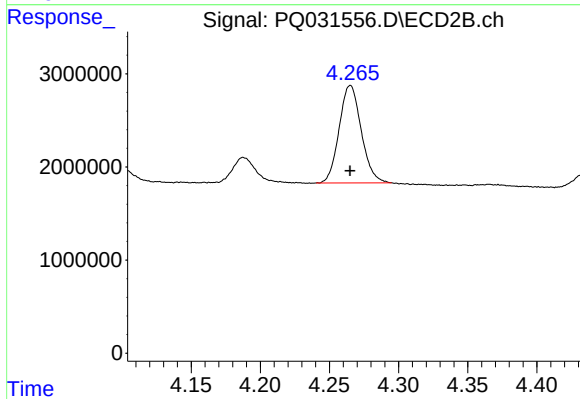
#9 AR-1221-2

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 2889018
Conc: 265.28 ng/ml



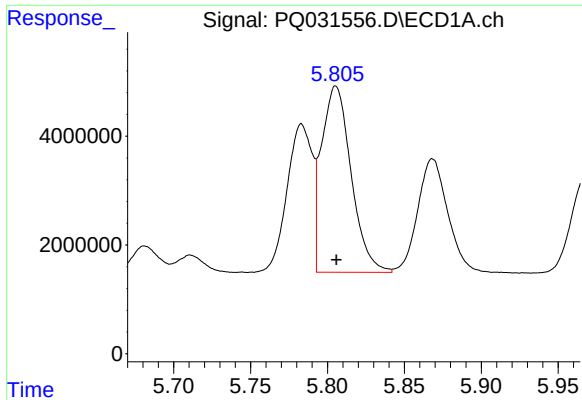
#10 AR-1221-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 14476411
Conc: 337.03 ng/ml



#10 AR-1221-3

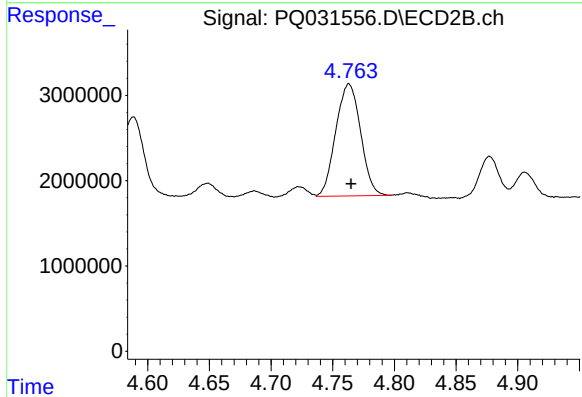
R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 11643806
Conc: 335.50 ng/ml



#11 AR-1232-1

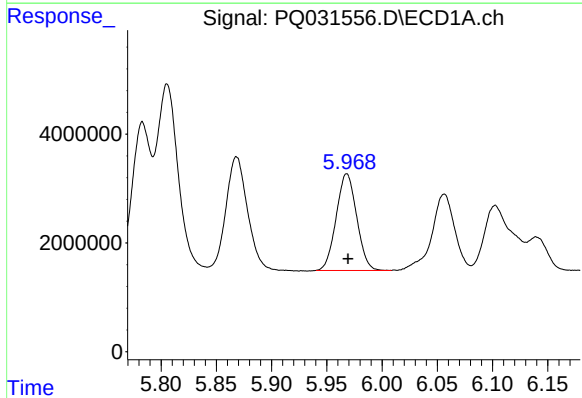
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 45969069
Conc: 1519.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



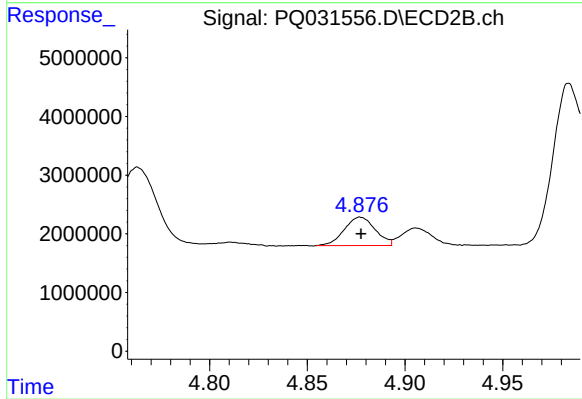
#11 AR-1232-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 18396225
Conc: 1458.41 ng/ml



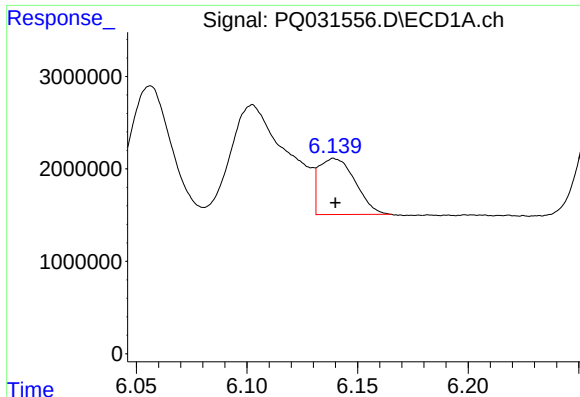
#12 AR-1232-2

R.T.: 5.968 min
Delta R.T.: -0.001 min
Response: 22949487
Conc: 1480.26 ng/ml



#12 AR-1232-2

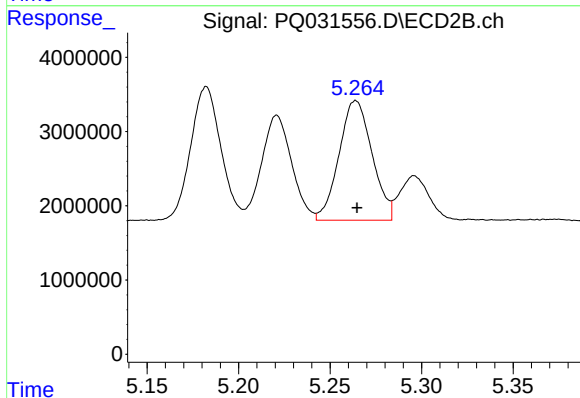
R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 5357546
Conc: 1494.24 ng/ml



#13 AR-1232-3

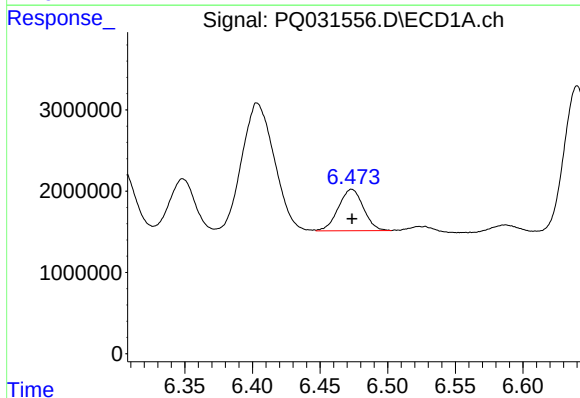
R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 6961238
Conc: 1700.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



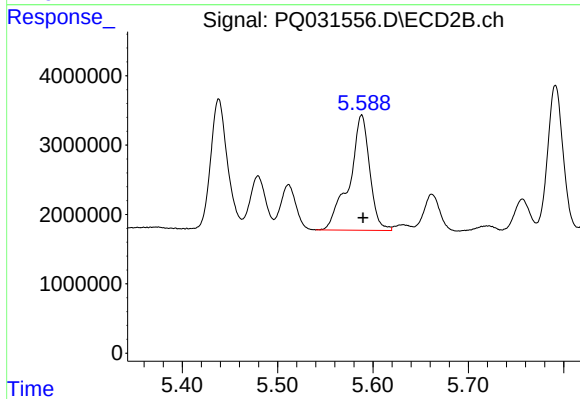
#13 AR-1232-3

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 20254709
Conc: 1643.08 ng/ml



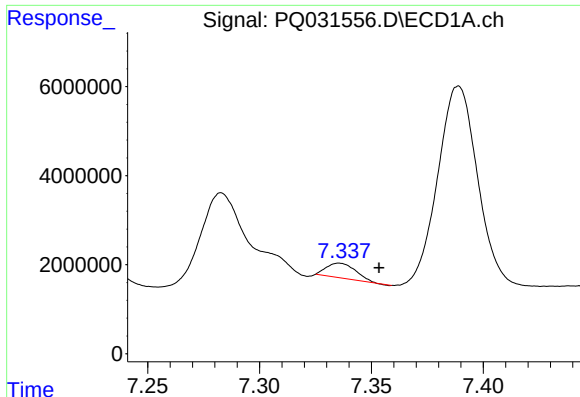
#14 AR-1232-4

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 6569807
Conc: 1479.38 ng/ml



#14 AR-1232-4

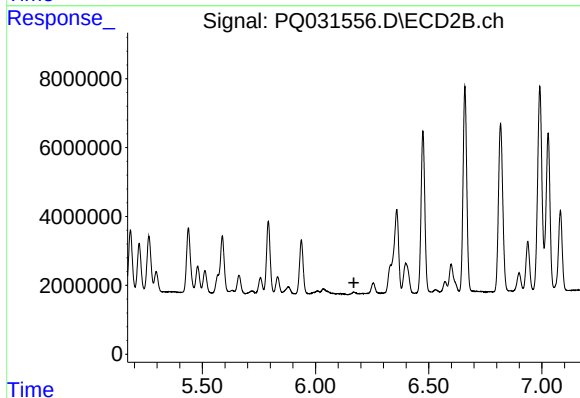
R.T.: 5.588 min
Delta R.T.: -0.001 min
Response: 24483949
Conc: 1621.99 ng/ml



#15 AR-1232-5

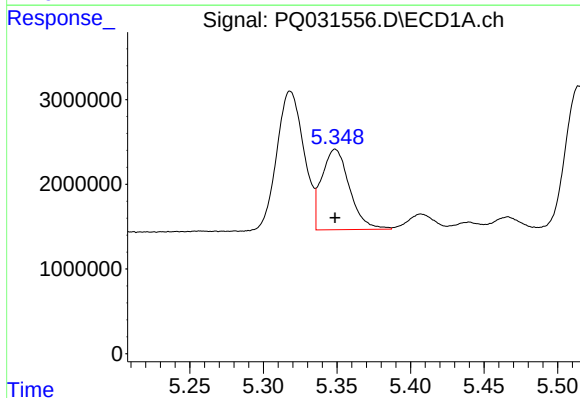
R.T.: 7.336 min
Delta R.T.: -0.018 min
Response: 2989344
Conc: 1124.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



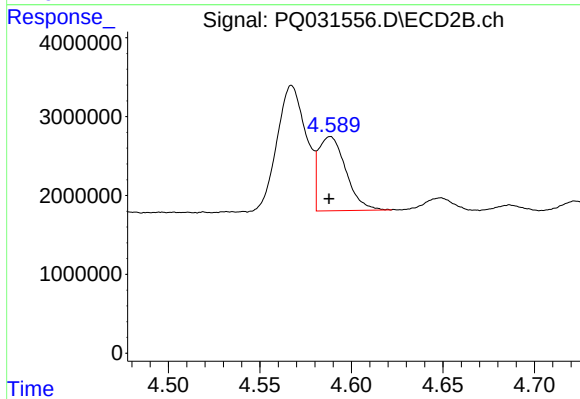
#15 AR-1232-5

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



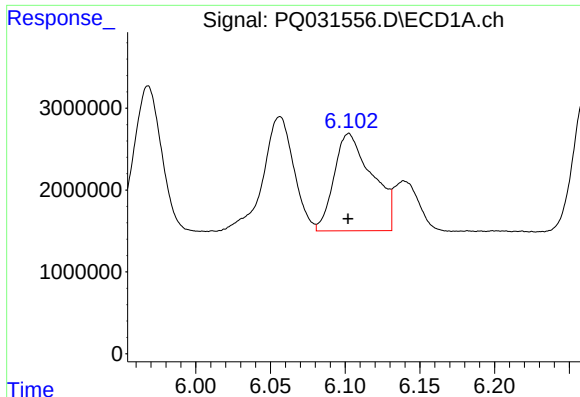
#16 AR-1242-1

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 12473520
Conc: 682.21 ng/ml



#16 AR-1242-1

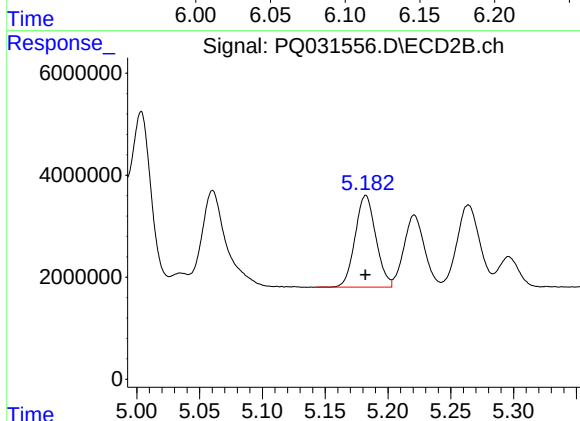
R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 9826283
Conc: 702.49 ng/ml



#17 AR-1242-2

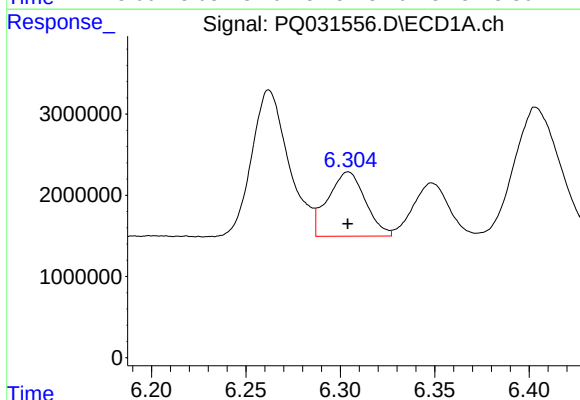
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 21112514
Conc: 685.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



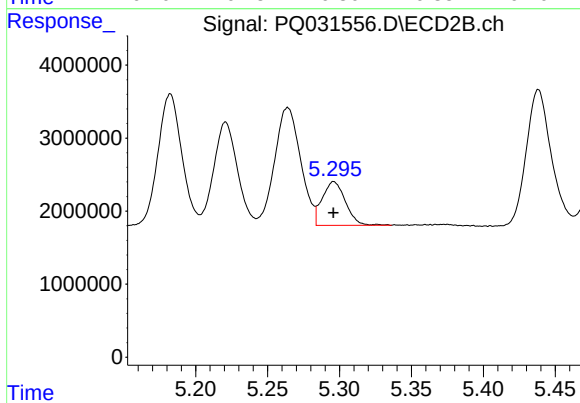
#17 AR-1242-2

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 20663111
Conc: 720.08 ng/ml



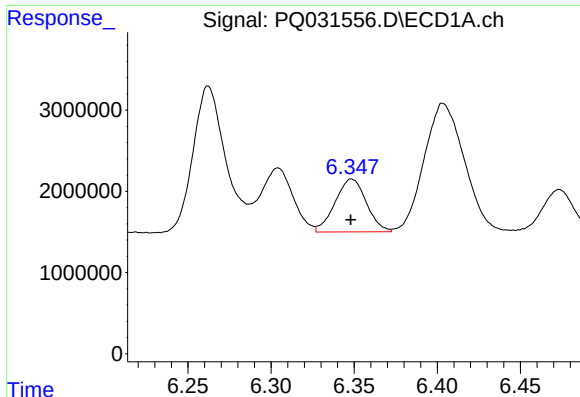
#18 AR-1242-3

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 10894309
Conc: 675.74 ng/ml



#18 AR-1242-3

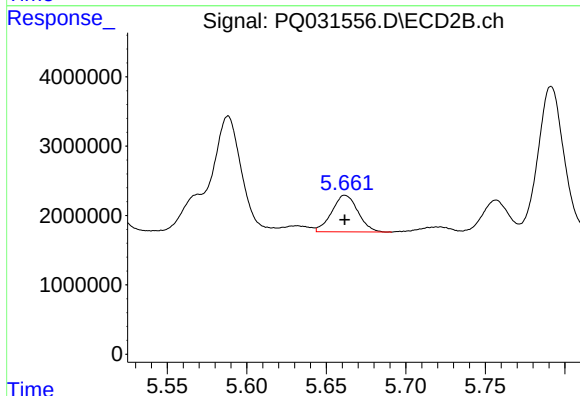
R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 6732813
Conc: 700.69 ng/ml



#19 AR-1242-4

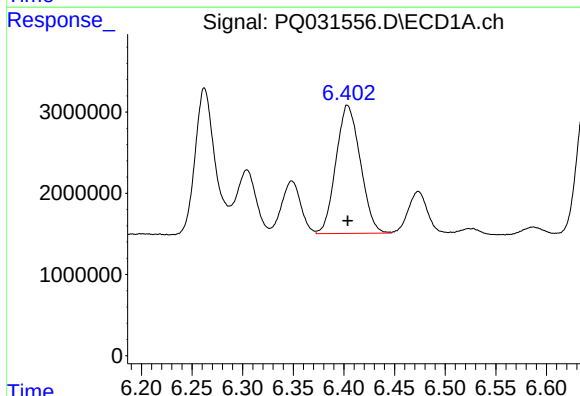
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 8529184
Conc: 627.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



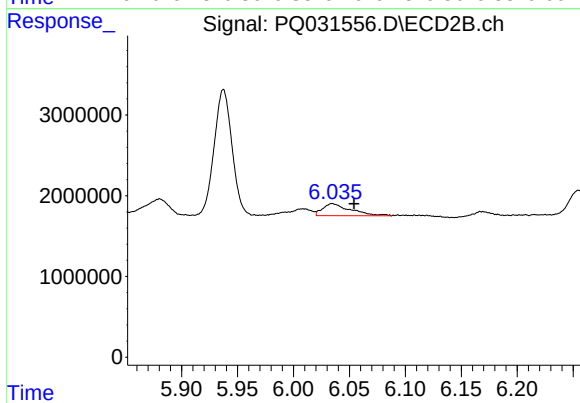
#19 AR-1242-4

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 6048227
Conc: 687.66 ng/ml



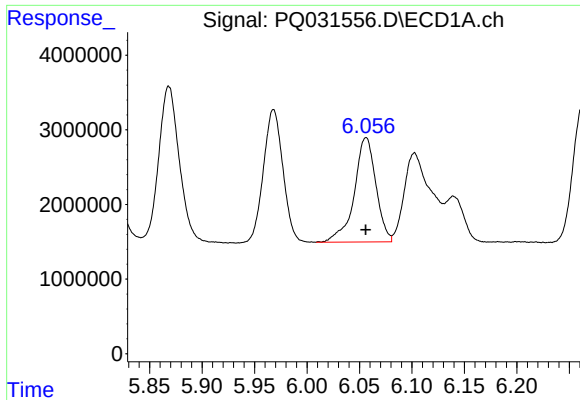
#20 AR-1242-5

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 26424154
Conc: 673.84 ng/ml



#20 AR-1242-5

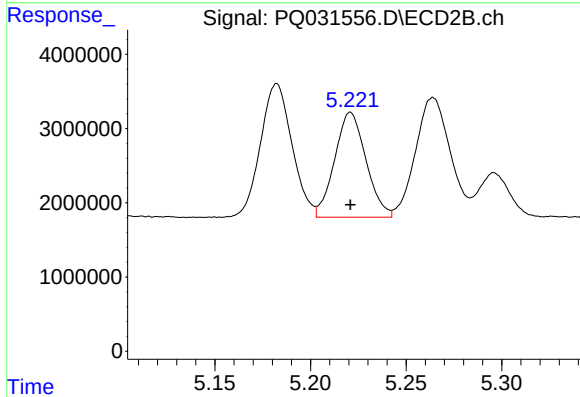
R.T.: 6.035 min
Delta R.T.: -0.020 min
Response: 2628049
Conc: 114.89 ng/ml



#21 AR-1248-1

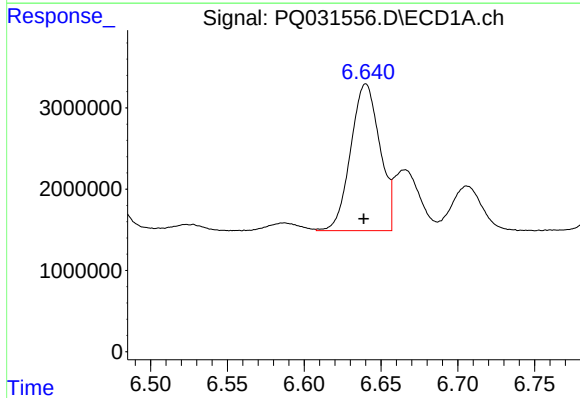
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 20109111
Conc: 354.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



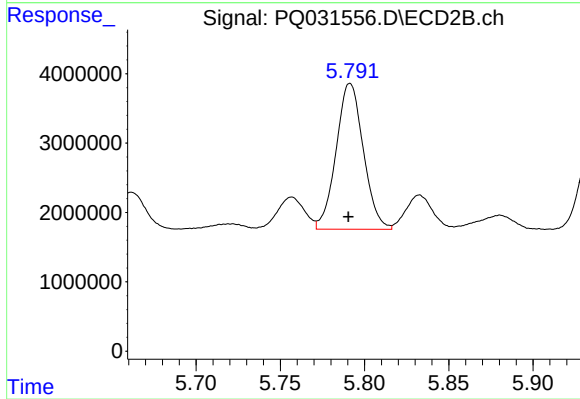
#21 AR-1248-1

R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 16157948
Conc: 342.23 ng/ml



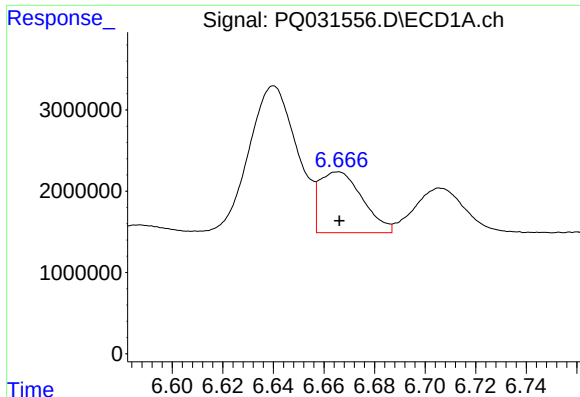
#22 AR-1248-2

R.T.: 6.640 min
Delta R.T.: 0.001 min
Response: 23857401
Conc: 401.65 ng/ml



#22 AR-1248-2

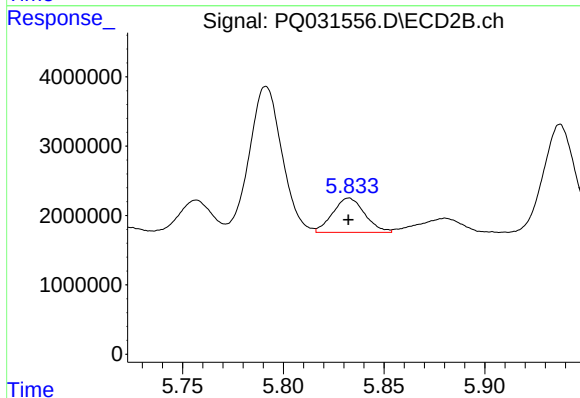
R.T.: 5.791 min
Delta R.T.: 0.001 min
Response: 23659474
Conc: 253.83 ng/ml



#23 AR-1248-3

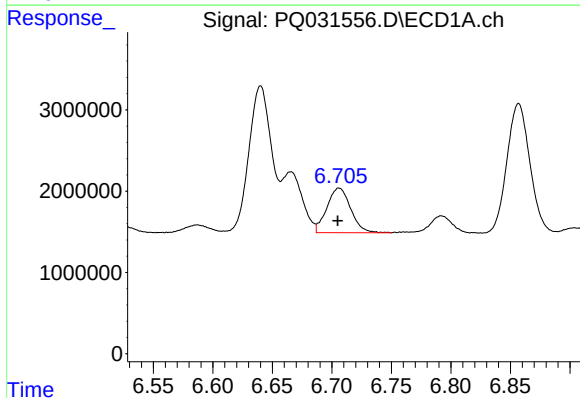
R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 8826841
Conc: 110.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



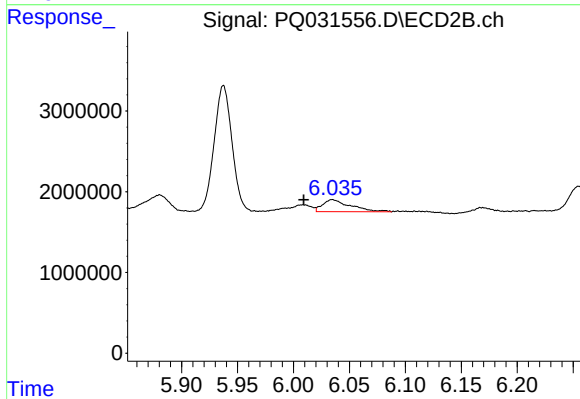
#23 AR-1248-3

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 5460915
Conc: 85.43 ng/ml



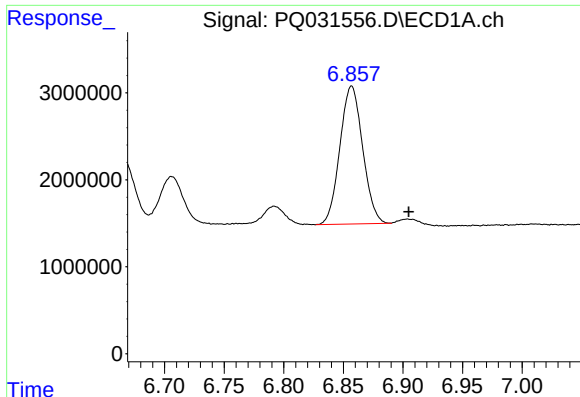
#24 AR-1248-4

R.T.: 6.706 min
Delta R.T.: 0.001 min
Response: 7647665
Conc: 100.48 ng/ml



#24 AR-1248-4

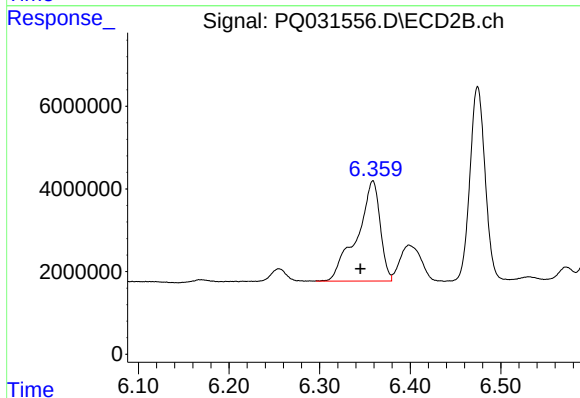
R.T.: 6.035 min
Delta R.T.: 0.026 min
Response: 2628049
Conc: 45.66 ng/ml



#25 AR-1248-5

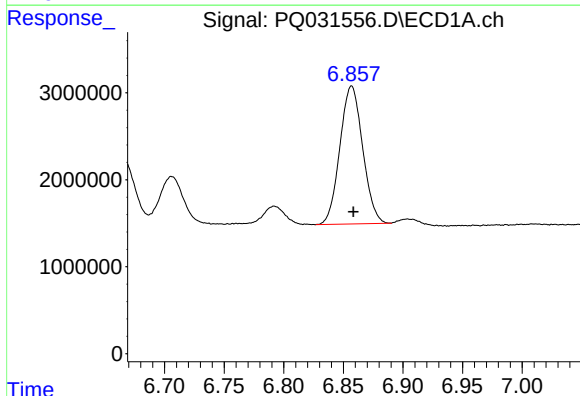
R.T.: 6.857 min
Delta R.T.: -0.048 min
Response: 21089845
Conc: 412.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



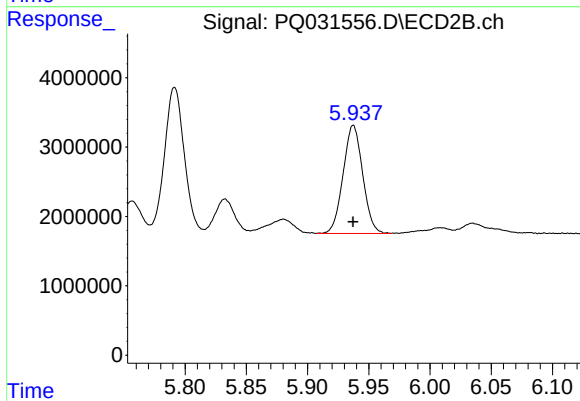
#25 AR-1248-5

R.T.: 6.359 min
Delta R.T.: 0.014 min
Response: 43018349
Conc: 931.45 ng/ml



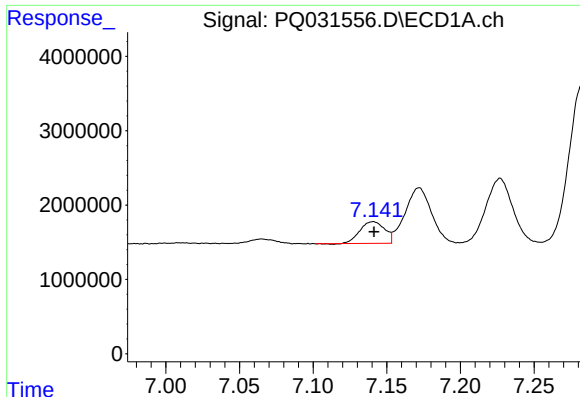
#26 AR-1254-1

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 21089845
Conc: 145.39 ng/ml



#26 AR-1254-1

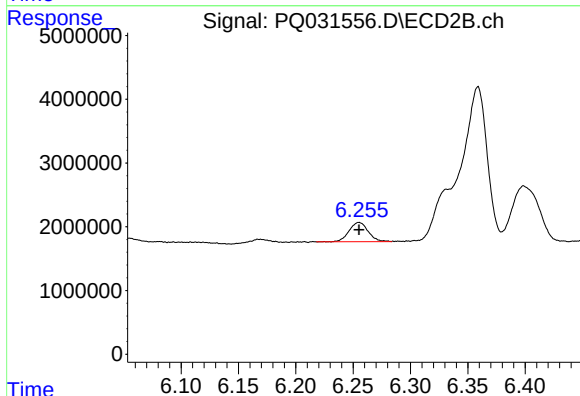
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 17379637
Conc: 174.10 ng/ml



#27 AR-1254-2

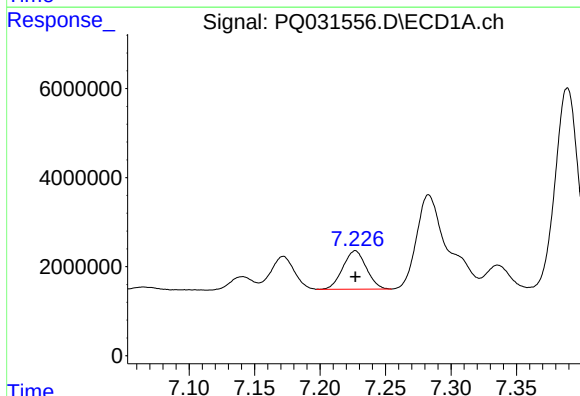
R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 3407083
Conc: 37.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



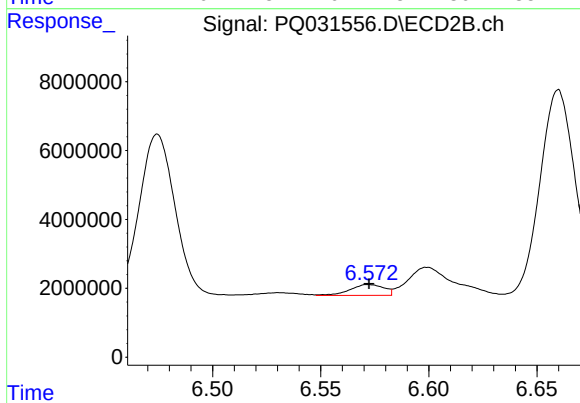
#27 AR-1254-2

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 3476222
Conc: 39.64 ng/ml



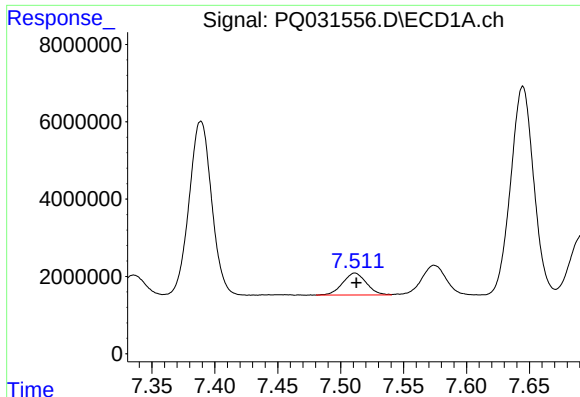
#28 AR-1254-3

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 10754316
Conc: 65.62 ng/ml



#28 AR-1254-3

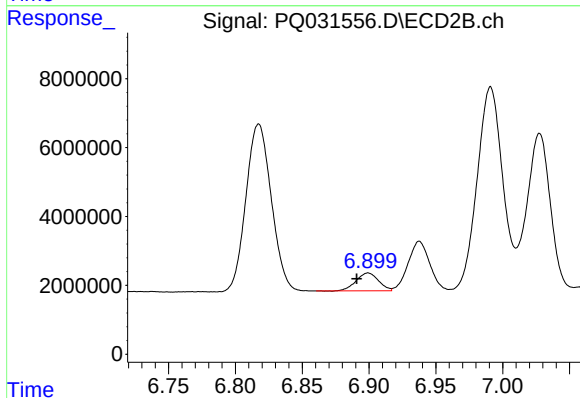
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 3460995
Conc: 29.95 ng/ml



#29 AR-1254-4

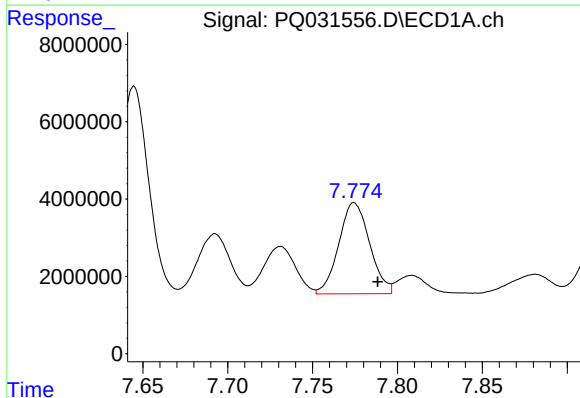
R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 7476931
Conc: 61.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



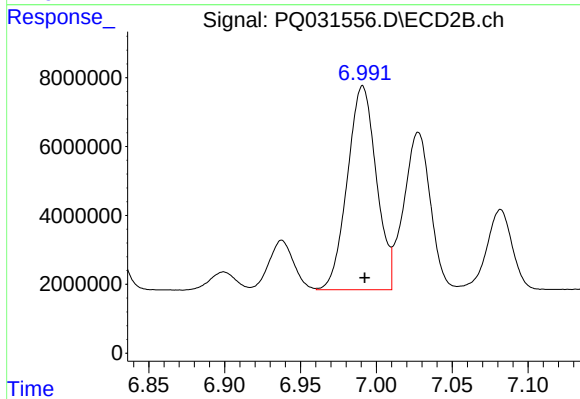
#29 AR-1254-4

R.T.: 6.899 min
Delta R.T.: 0.008 min
Response: 6088204
Conc: 73.32 ng/ml



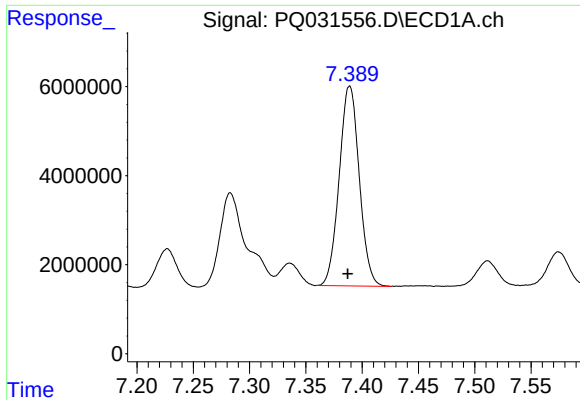
#30 AR-1254-5

R.T.: 7.774 min
Delta R.T.: -0.014 min
Response: 29859468
Conc: 314.66 ng/ml



#30 AR-1254-5

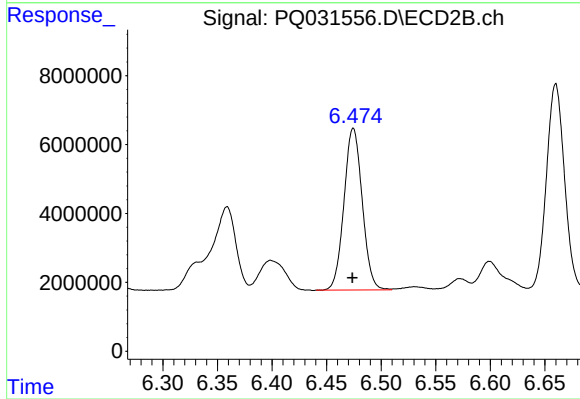
R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 78720558
Conc: 473.47 ng/ml



#31 AR-1260-1

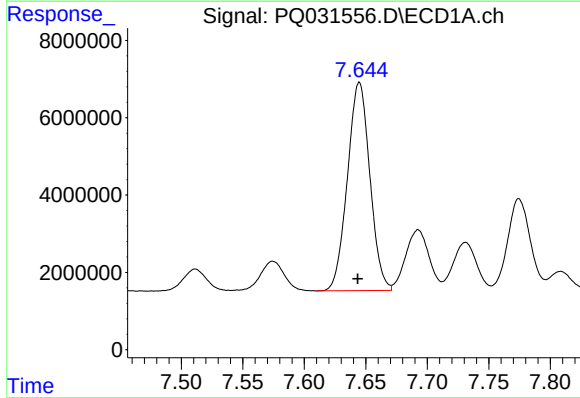
R.T.: 7.389 min
Delta R.T.: 0.002 min
Response: 55647990
Conc: 506.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



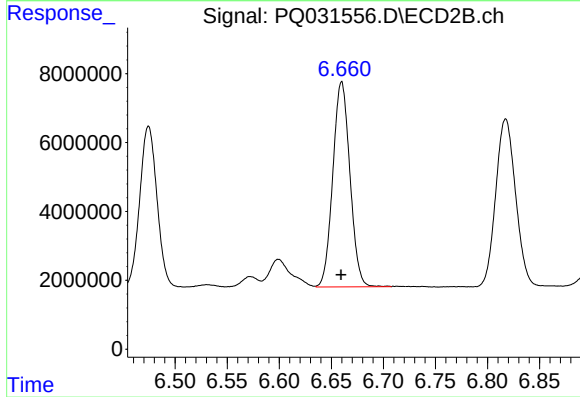
#31 AR-1260-1

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 54625129
Conc: 540.83 ng/ml



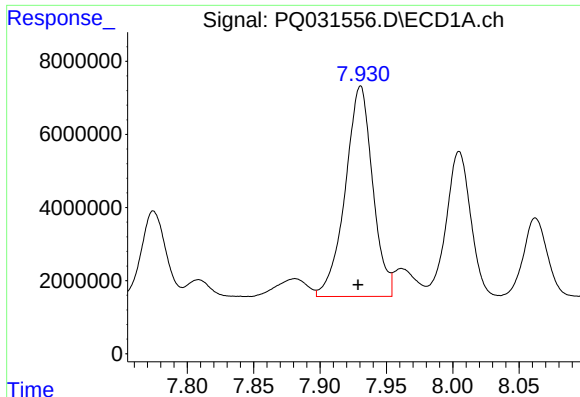
#32 AR-1260-2

R.T.: 7.645 min
Delta R.T.: 0.001 min
Response: 68526502
Conc: 517.22 ng/ml



#32 AR-1260-2

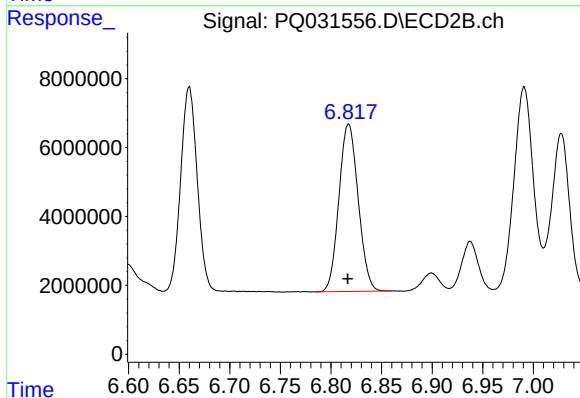
R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 68138118
Conc: 527.42 ng/ml



#33 AR-1260-3

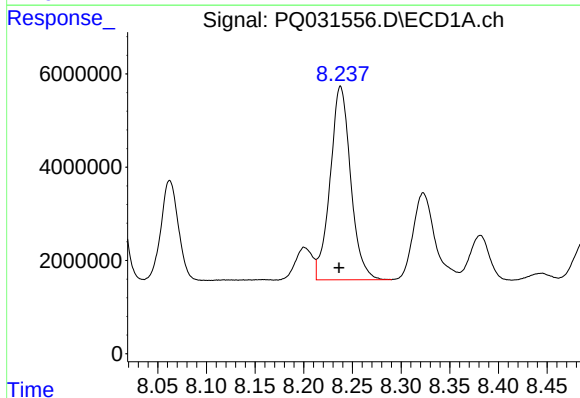
R.T.: 7.931 min
Delta R.T.: 0.002 min
Response: 82749810
Conc: 524.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



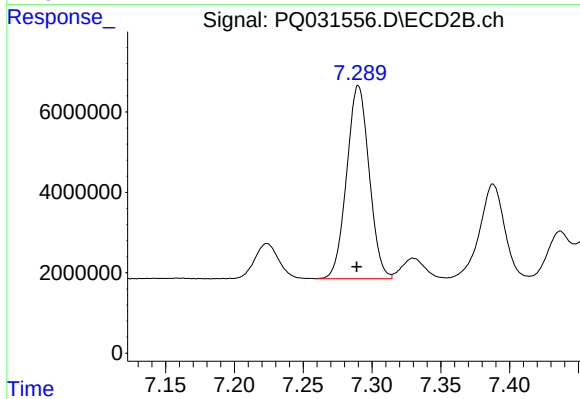
#33 AR-1260-3

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 64313763
Conc: 534.84 ng/ml



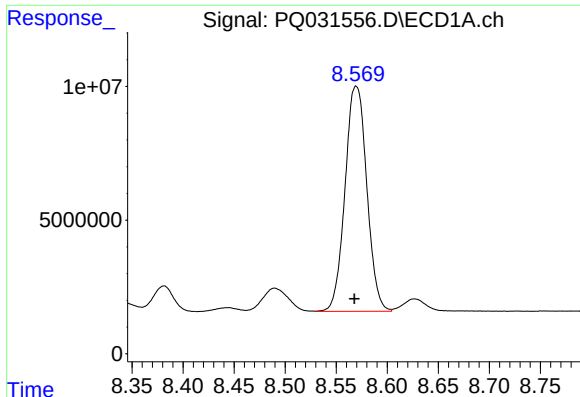
#34 AR-1260-4

R.T.: 8.238 min
Delta R.T.: 0.001 min
Response: 60960641
Conc: 521.30 ng/ml



#34 AR-1260-4

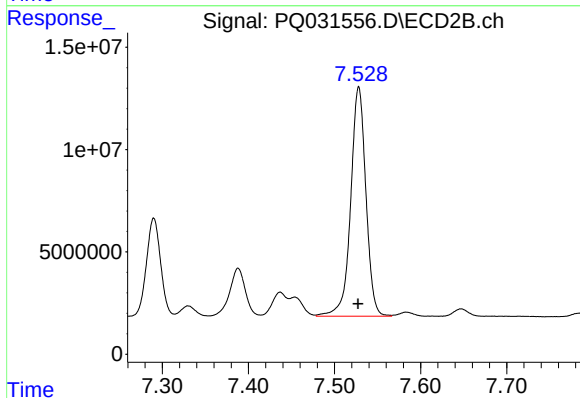
R.T.: 7.290 min
Delta R.T.: 0.001 min
Response: 54637004
Conc: 528.37 ng/ml



#35 AR-1260-5

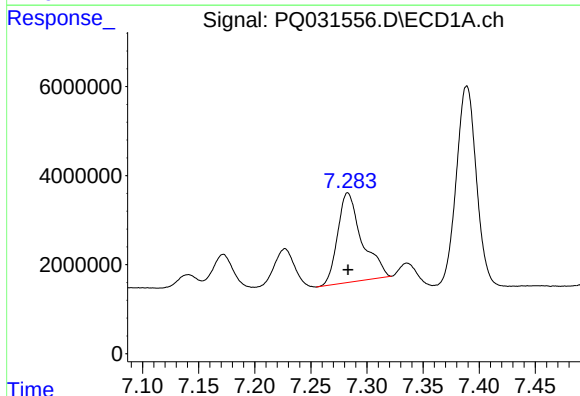
R.T.: 8.570 min
Delta R.T.: 0.002 min
Response: 125096855
Conc: 526.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



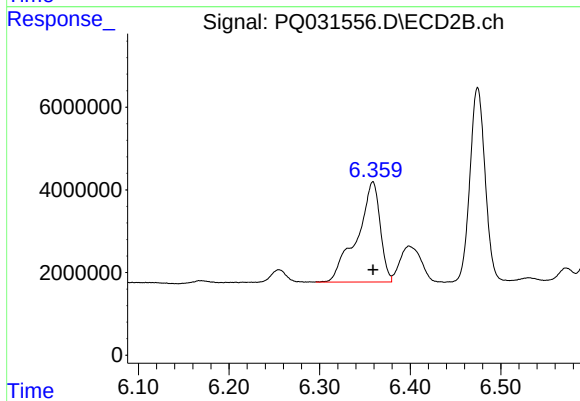
#35 AR-1260-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 137866494
Conc: 541.42 ng/ml



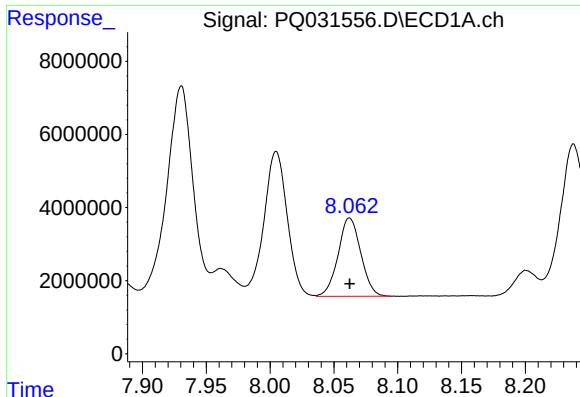
#36 AR-1262-1

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 30202207
Conc: 524.36 ng/ml



#36 AR-1262-1

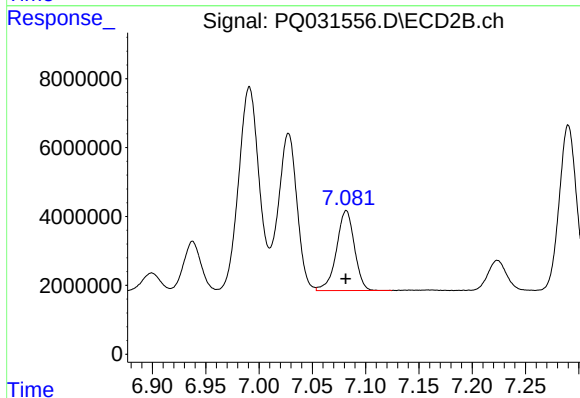
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 43018349
Conc: 857.26 ng/ml



#37 AR-1262-2

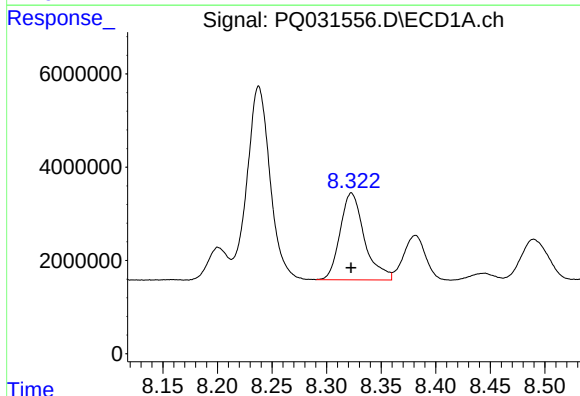
R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 26517102
Conc: 496.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



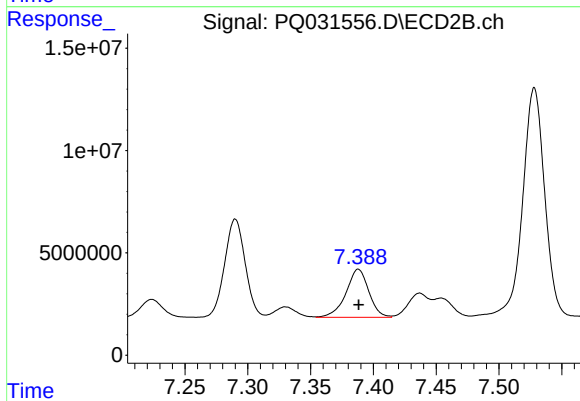
#37 AR-1262-2

R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 27249044
Conc: 500.69 ng/ml



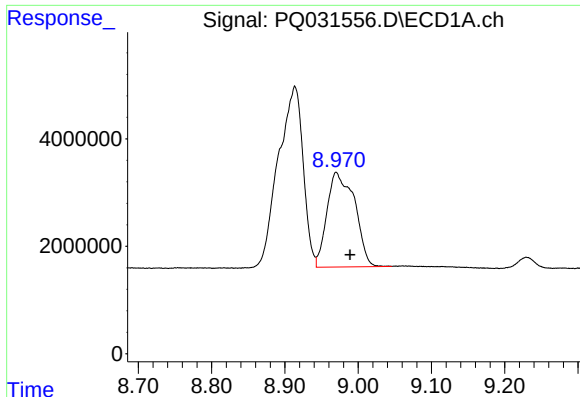
#38 AR-1262-3

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 28909674
Conc: 472.59 ng/ml



#38 AR-1262-3

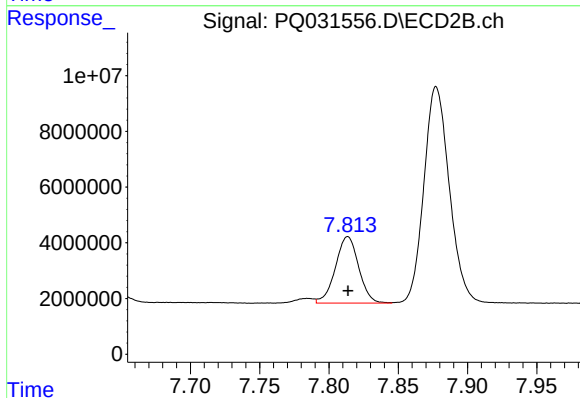
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 29677786
Conc: 478.56 ng/ml



#39 AR-1262-4

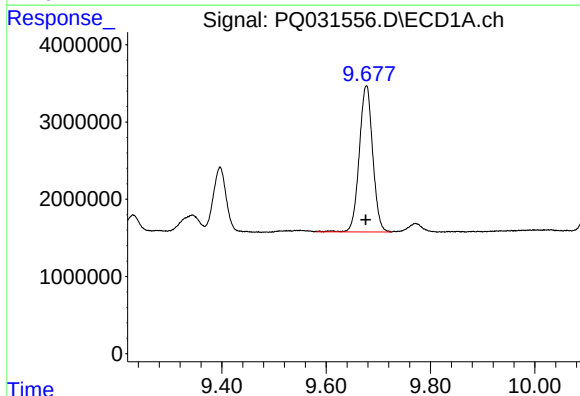
R.T.: 8.970 min
Delta R.T.: -0.019 min
Response: 46147507
Conc: 360.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



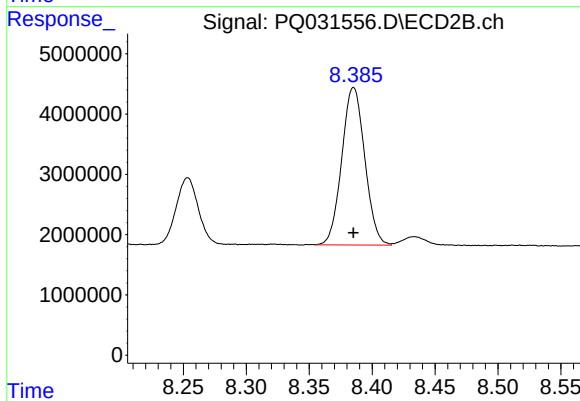
#39 AR-1262-4

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 27944388
Conc: 266.81 ng/ml



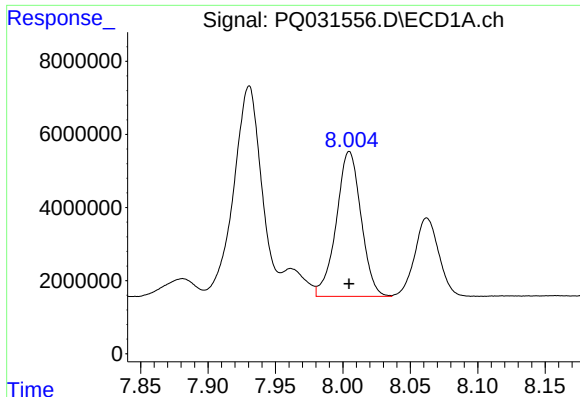
#40 AR-1262-5

R.T.: 9.677 min
Delta R.T.: 0.000 min
Response: 33841151
Conc: 351.01 ng/ml



#40 AR-1262-5

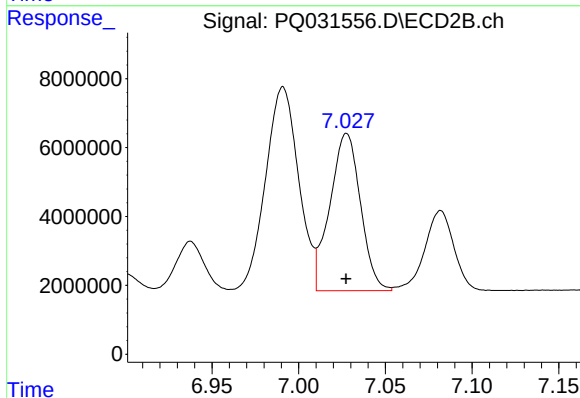
R.T.: 8.385 min
Delta R.T.: 0.000 min
Response: 33254539
Conc: 351.48 ng/ml



#41 AR-1268-1

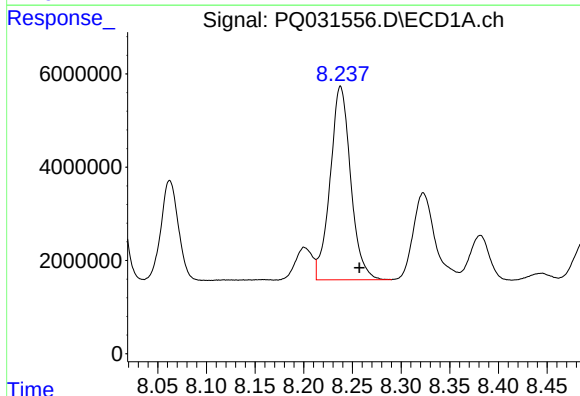
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 50677058
Conc: 954.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



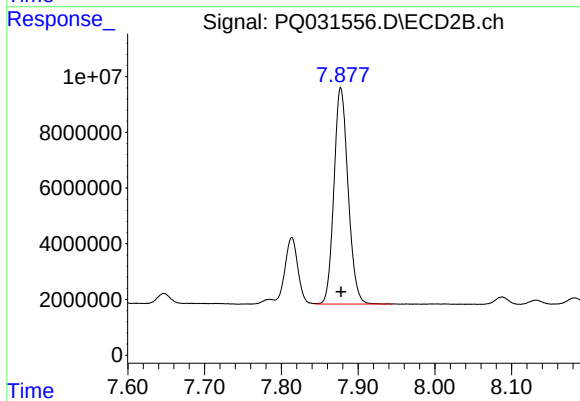
#41 AR-1268-1

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 56065768
Conc: 1041.21 ng/ml



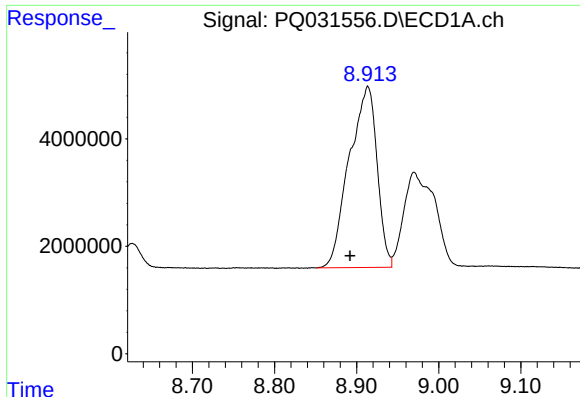
#42 AR-1268-2

R.T.: 8.238 min
Delta R.T.: -0.019 min
Response: 60960641
Conc: 873.43 ng/ml



#42 AR-1268-2

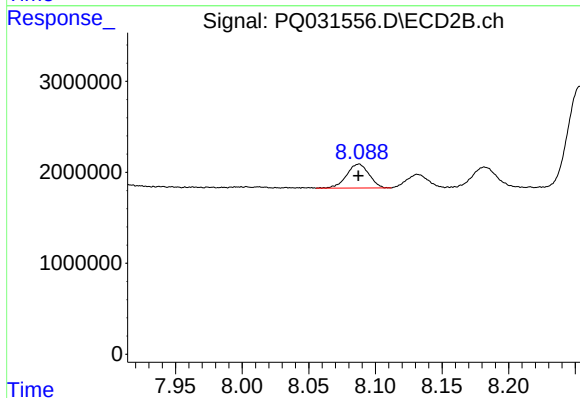
R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 99617983
Conc: 329.55 ng/ml



#43 AR-1268-3

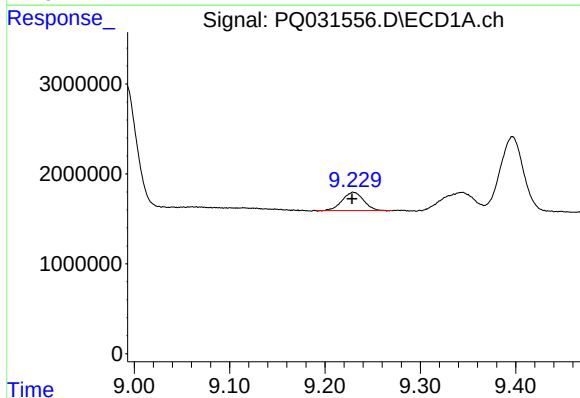
R.T.: 8.914 min
Delta R.T.: 0.022 min
Response: 79211770
Conc: 243.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



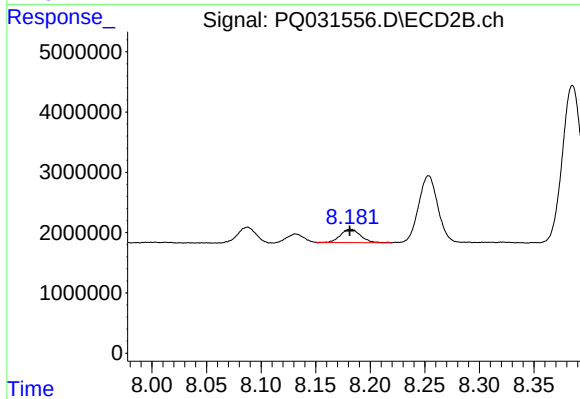
#43 AR-1268-3

R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 3082507
Conc: 12.32 ng/ml



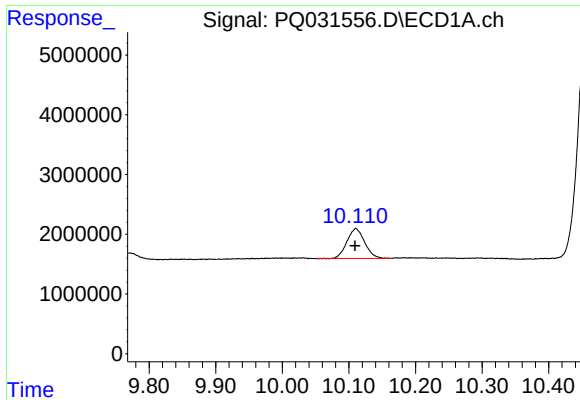
#44 AR-1268-4

R.T.: 9.230 min
Delta R.T.: 0.001 min
Response: 3161150
Conc: 12.64 ng/ml



#44 AR-1268-4

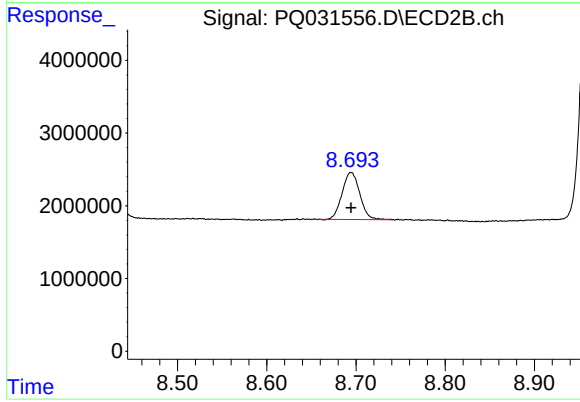
R.T.: 8.182 min
Delta R.T.: 0.000 min
Response: 2806409
Conc: 41.71 ng/ml



#45 AR-1268-5

R.T.: 10.111 min
Delta R.T.: 0.001 min
Response: 9178939
Conc: 10.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 8885095
Conc: 10.55 ng/ml