

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011719\
 Data File : PQ036494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2019 15:39
 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 18 02:34:09 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...	4.374	3.717	239.8E6	138.1E6	52.464	57.039
2)	SA Decachlor...	10.004	8.667	168.3E6	87907709	46.261	45.727
Target Compounds							
3)	L1 AR-1016-1	5.532	4.789	63483074	38862467	453.704	500.720
4)	L1 AR-1016-2	5.554	4.806	93254713	56314835	436.855	494.477
5)	L1 AR-1016-3	5.615	4.982	55824299	28717663	449.977	496.390
6)	L1 AR-1016-4	5.714	5.021	44210474	22749886	436.598	482.616
7)	L1 AR-1016-5	6.004	5.234	42392965	28578397	424.534	469.768
8)	L2 AR-1221-1	4.579	3.925	6149319	2837460	173.985	144.606
9)	L2 AR-1221-2	4.671	4.013	8682292	4040263	326.852	272.607
10)	L2 AR-1221-3	4.746	4.087	33963348	21165777	380.984	428.128
11)	L3 AR-1232-1	4.746	4.087	33963348	21165777	445.811	491.853
12)	L3 AR-1232-2	5.268	4.806	44732713	56314835	1171.961	1250.007
13)	L3 AR-1232-3	5.554	4.982	93254713	28717663	1158.902	1267.130
14)	L3 AR-1232-4	5.714	5.062	44210474	26918610	1150.211	1307.864
15)	L3 AR-1232-5	5.800	5.234	37904092	28578397	1323.371	1303.139
16)	L4 AR-1242-1	5.554	4.789	93254713	38862467	937.991	674.066 #
17)	L4 AR-1242-2	5.554	4.806	93254713	56314835	617.346	690.543
18)	L4 AR-1242-3	5.615	4.982	55824299	28717663	629.440	671.814
19)	L4 AR-1242-4	5.714	5.062	44210474	26918610	606.881	632.581
20)	L4 AR-1242-5	6.445	5.580	11447088	31543092	144.252	580.715 #
21)	L5 AR-1248-1	5.554	4.789	93254713	38862467	931.923	828.113
22)	L5 AR-1248-2	5.800	5.021	37904092	22749886	339.320	362.475
23)	L5 AR-1248-3	6.004	5.062	42392965	26918610	338.308	418.969
24)	L5 AR-1248-4	6.445	5.234	11447088	28578397	80.284	372.044 #
25)	L5 AR-1248-5	6.445	5.621	11447088	6978779	83.756	91.444
26)	L6 AR-1254-1	6.405	5.580	14056438	31543092	103.401	301.591 #
27)	L6 AR-1254-2	6.592	5.726	39576957	23984078	186.098	262.468 #
28)	L6 AR-1254-3	6.962	6.136	20281333	39562058	86.403	248.488 #
29)	L6 AR-1254-4	7.305	6.354	11139490	6142237	62.964	58.517
30)	L6 AR-1254-5	7.694	6.765	14950859	76046393	72.996	523.554 #
31)	L7 AR-1260-1	7.121	6.252	76076619	53735698	399.584	451.275
32)	L7 AR-1260-2	7.375	6.440	94938658	65702777	413.693	457.645
33)	L7 AR-1260-3	7.732	6.592	58689324	60037955	416.797	454.702
34)	L7 AR-1260-4	7.960	7.059	70368581	40586985	408.118	451.516
35)	L7 AR-1260-5	8.275	7.301	140.9E6	100.6E6	419.826	455.425
36)	L8 AR-1262-1	7.732	6.799	58689324	45214689	250.439	293.295
37)	L8 AR-1262-2	8.275	7.301	140.9E6	100.6E6	328.433	361.434
38)	L8 AR-1262-3	8.649	7.577	44387439	16712393	476.970	161.219 #
39)	L8 AR-1262-4	8.649	7.644	44387439	71138838	214.006	357.443 #
40)	L8 AR-1262-5	9.390	8.139	1851213	17610269	12.743	200.277 #
41)	L9 AR-1268-1	8.599	7.577	39263273	16712393	77.309	52.606 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ011719\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2019 15:39
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

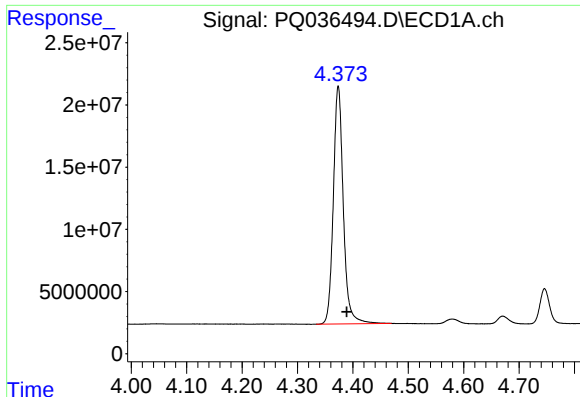
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 02:34:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010819.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	8.649	7.644	44387439	71138838	92.823	247.051 #
44) L9	AR-1268-4	9.390	8.139	1851213	17610269	11.274	177.119 #
45) L9	AR-1268-5	0.000	8.424	0	3774052	N.D.	5.021 #

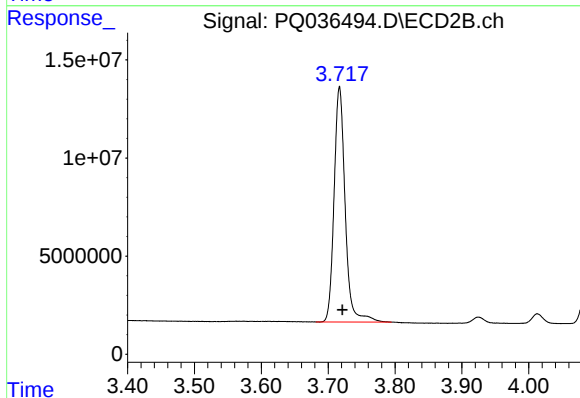
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

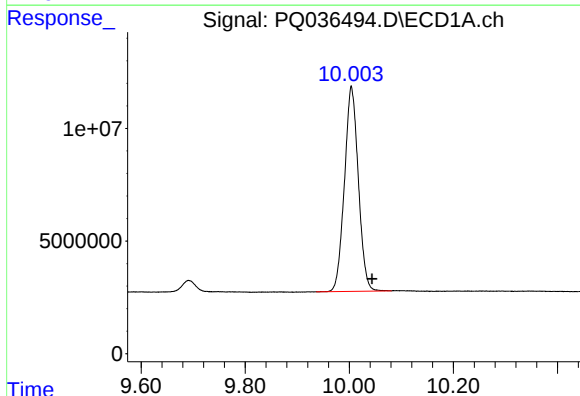
R.T.: 4.374 min
Delta R.T.: -0.015 min
Response: 239839794
Conc: 52.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



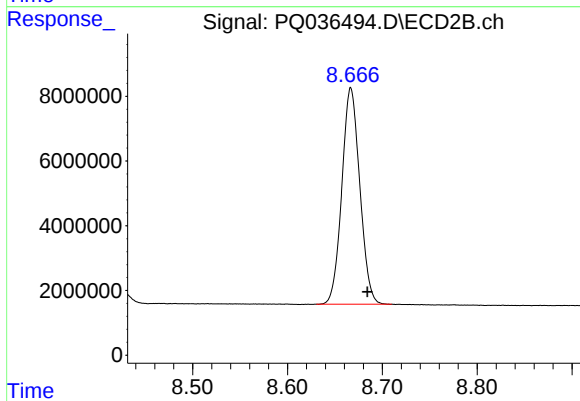
#1 Tetrachloro-m-xylene

R.T.: 3.717 min
Delta R.T.: -0.004 min
Response: 138061627
Conc: 57.04 ng/ml



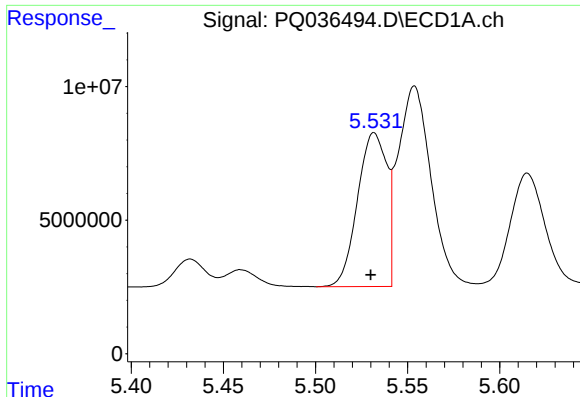
#2 Decachlorobiphenyl

R.T.: 10.004 min
Delta R.T.: -0.040 min
Response: 168272882
Conc: 46.26 ng/ml



#2 Decachlorobiphenyl

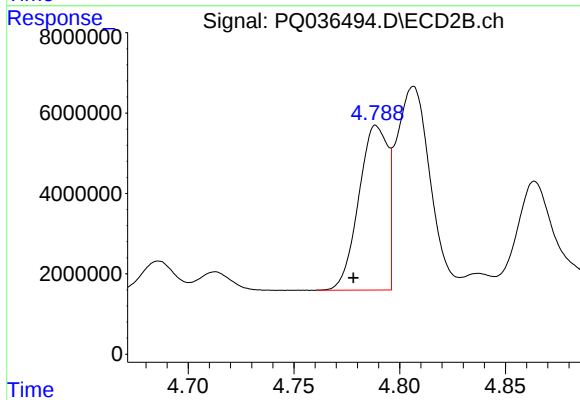
R.T.: 8.667 min
Delta R.T.: -0.018 min
Response: 87907709
Conc: 45.73 ng/ml



#3 AR-1016-1

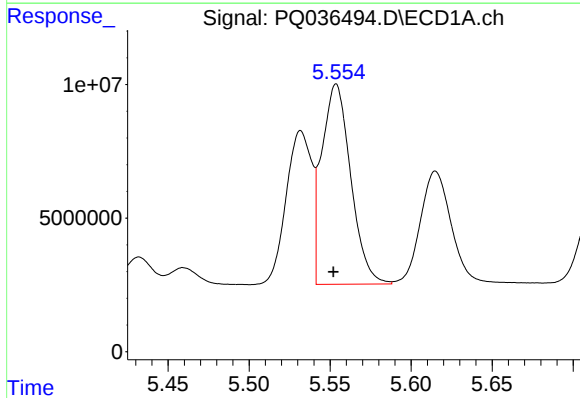
R.T.: 5.532 min
Delta R.T.: 0.002 min
Response: 63483074
Conc: 453.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



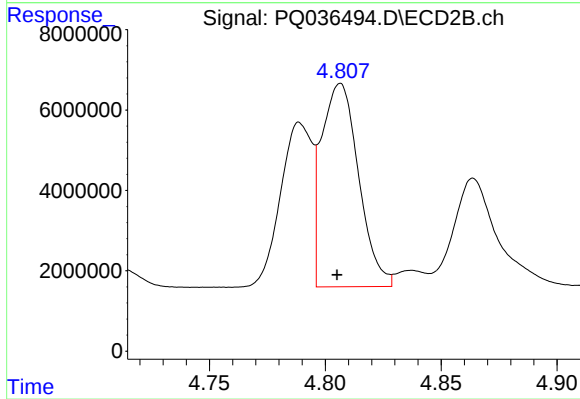
#3 AR-1016-1

R.T.: 4.789 min
Delta R.T.: 0.011 min
Response: 38862467
Conc: 500.72 ng/ml



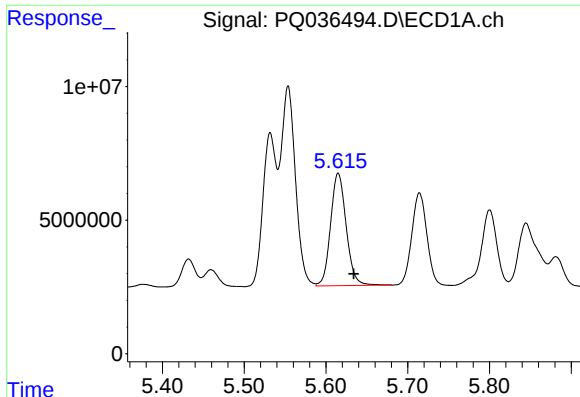
#4 AR-1016-2

R.T.: 5.554 min
Delta R.T.: 0.002 min
Response: 93254713
Conc: 436.86 ng/ml



#4 AR-1016-2

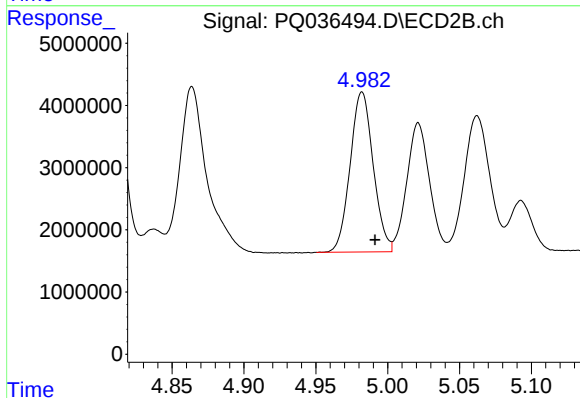
R.T.: 4.806 min
Delta R.T.: 0.001 min
Response: 56314835
Conc: 494.48 ng/ml



#5 AR-1016-3

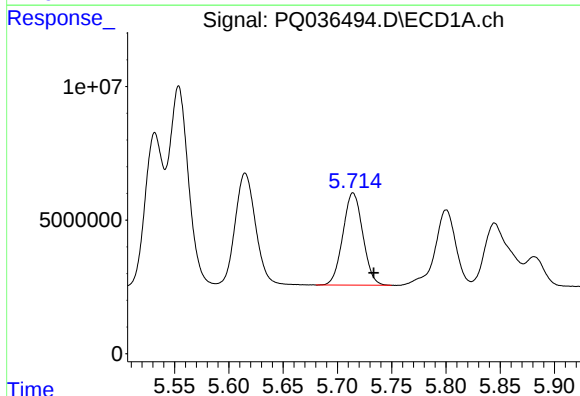
R.T.: 5.615 min
Delta R.T.: -0.019 min
Response: 55824299
Conc: 449.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



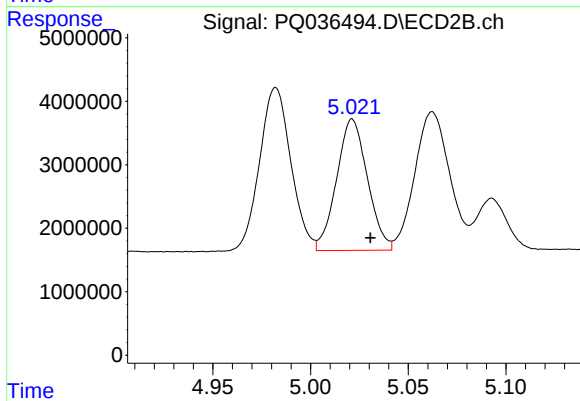
#5 AR-1016-3

R.T.: 4.982 min
Delta R.T.: -0.009 min
Response: 28717663
Conc: 496.39 ng/ml



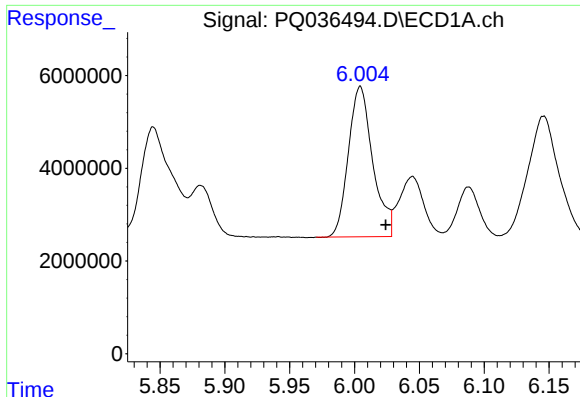
#6 AR-1016-4

R.T.: 5.714 min
Delta R.T.: -0.019 min
Response: 44210474
Conc: 436.60 ng/ml



#6 AR-1016-4

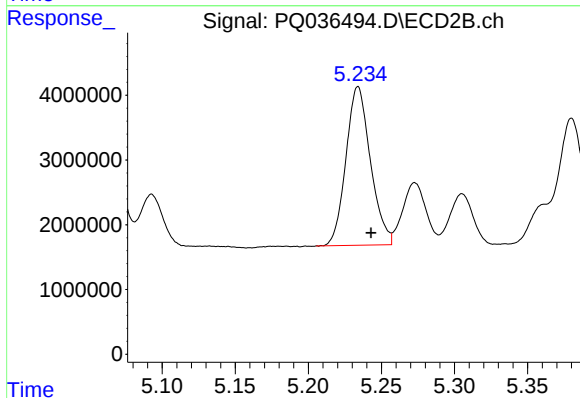
R.T.: 5.021 min
Delta R.T.: -0.009 min
Response: 22749886
Conc: 482.62 ng/ml



#7 AR-1016-5

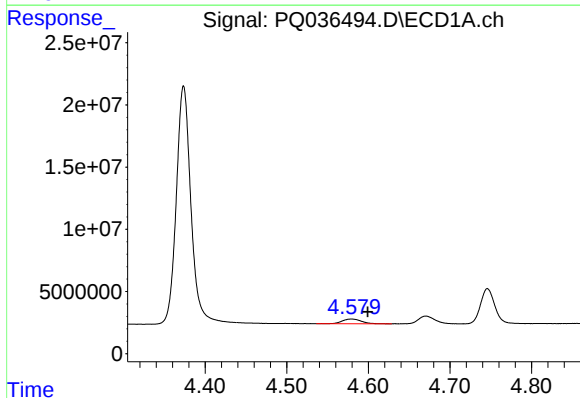
R.T.: 6.004 min
Delta R.T.: -0.020 min
Response: 42392965
Conc: 424.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



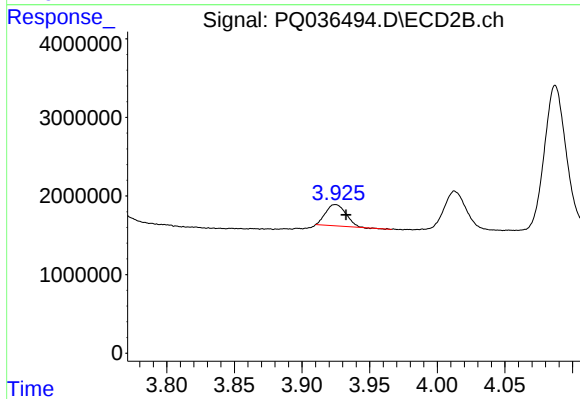
#7 AR-1016-5

R.T.: 5.234 min
Delta R.T.: -0.009 min
Response: 28578397
Conc: 469.77 ng/ml



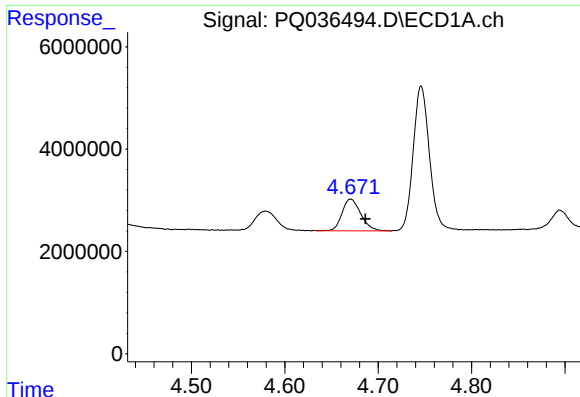
#8 AR-1221-1

R.T.: 4.579 min
Delta R.T.: -0.020 min
Response: 6149319
Conc: 173.99 ng/ml



#8 AR-1221-1

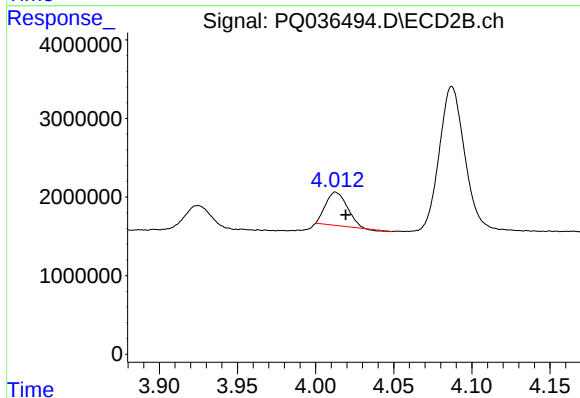
R.T.: 3.925 min
Delta R.T.: -0.008 min
Response: 2837460
Conc: 144.61 ng/ml



#9 AR-1221-2

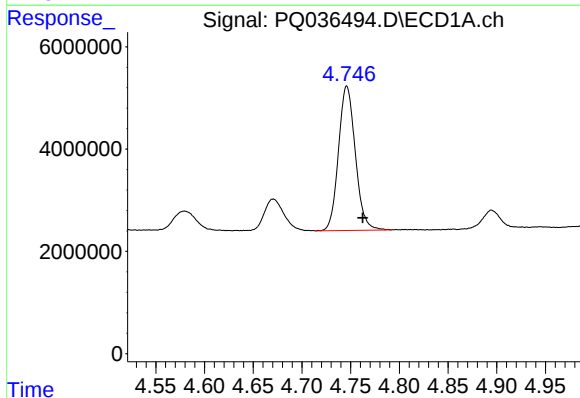
R.T.: 4.671 min
Delta R.T.: -0.015 min
Response: 8682292
Conc: 326.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



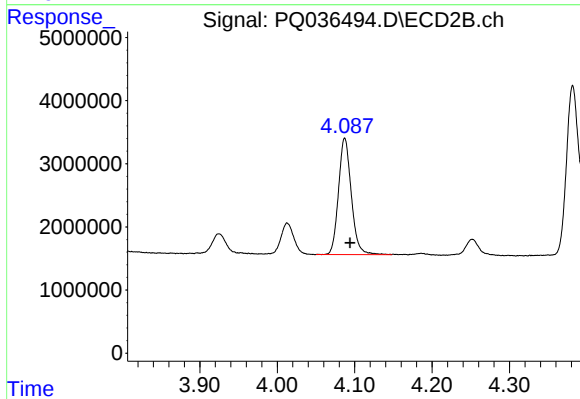
#9 AR-1221-2

R.T.: 4.013 min
Delta R.T.: -0.006 min
Response: 4040263
Conc: 272.61 ng/ml



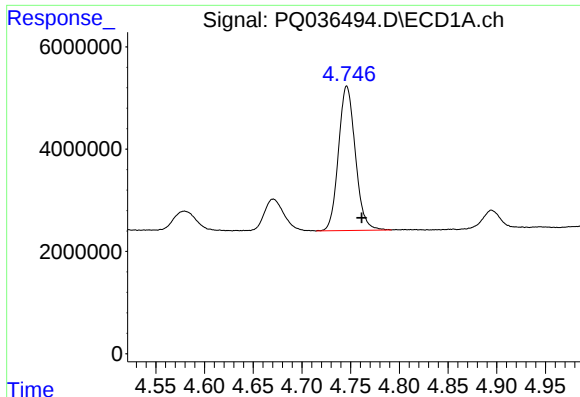
#10 AR-1221-3

R.T.: 4.746 min
Delta R.T.: -0.016 min
Response: 3396338
Conc: 380.98 ng/ml



#10 AR-1221-3

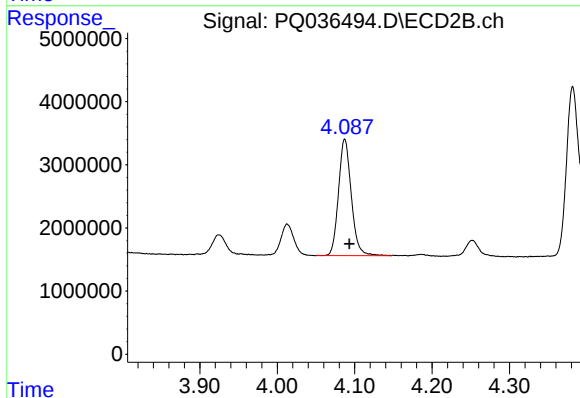
R.T.: 4.087 min
Delta R.T.: -0.007 min
Response: 21165777
Conc: 428.13 ng/ml



#11 AR-1232-1

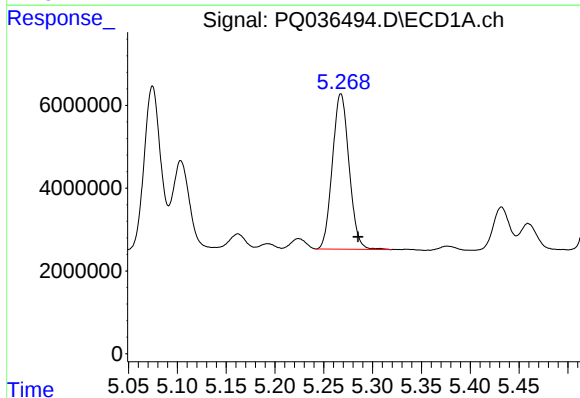
R.T.: 4.746 min
Delta R.T.: -0.015 min
Response: 33963348
Conc: 445.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



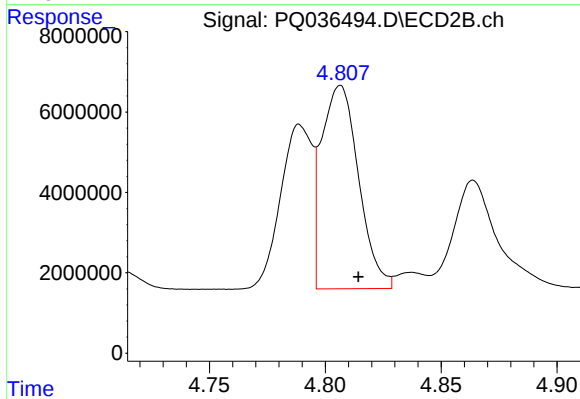
#11 AR-1232-1

R.T.: 4.087 min
Delta R.T.: -0.006 min
Response: 21165777
Conc: 491.85 ng/ml



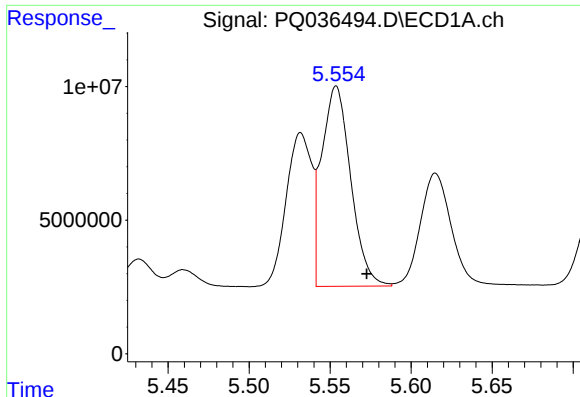
#12 AR-1232-2

R.T.: 5.268 min
Delta R.T.: -0.018 min
Response: 44732713
Conc: 1171.96 ng/ml



#12 AR-1232-2

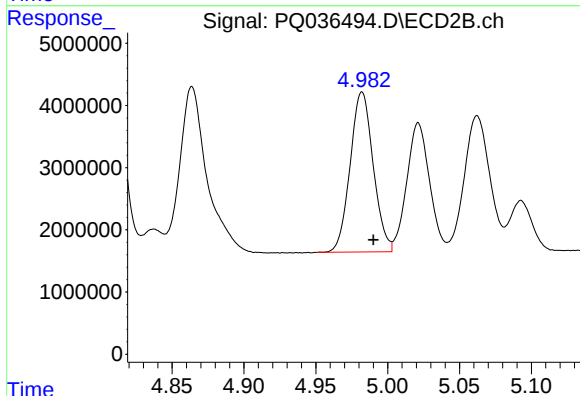
R.T.: 4.806 min
Delta R.T.: -0.008 min
Response: 56314835
Conc: 1250.01 ng/ml



#13 AR-1232-3

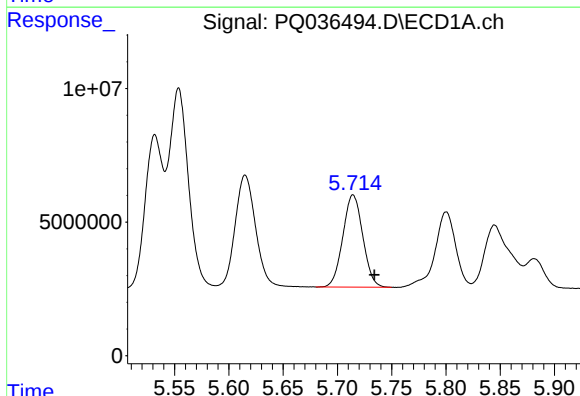
R.T.: 5.554 min
Delta R.T.: -0.019 min
Response: 93254713
Conc: 1158.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



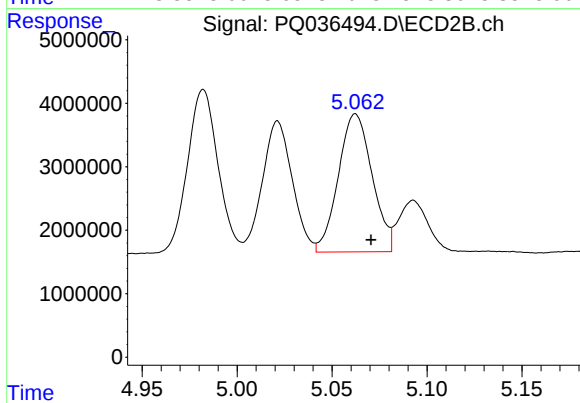
#13 AR-1232-3

R.T.: 4.982 min
Delta R.T.: -0.008 min
Response: 28717663
Conc: 1267.13 ng/ml



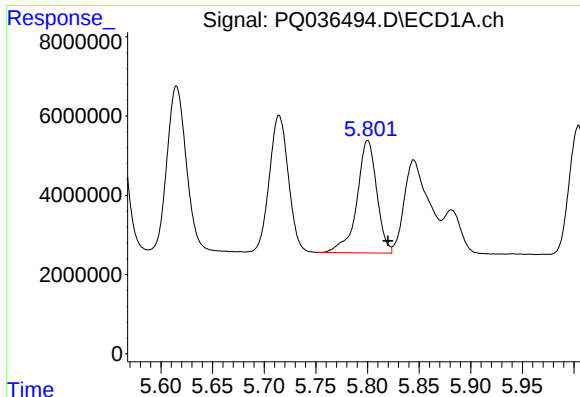
#14 AR-1232-4

R.T.: 5.714 min
Delta R.T.: -0.020 min
Response: 44210474
Conc: 1150.21 ng/ml



#14 AR-1232-4

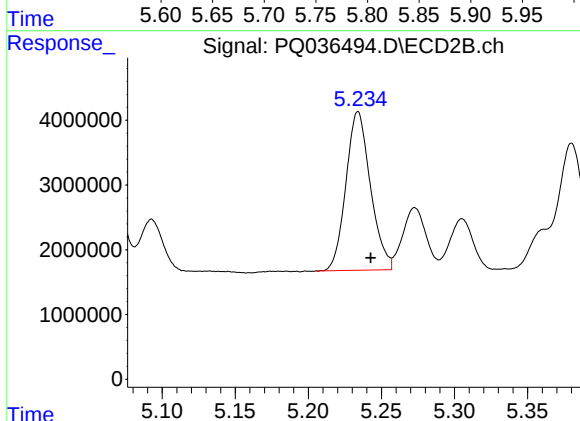
R.T.: 5.062 min
Delta R.T.: -0.008 min
Response: 26918610
Conc: 1307.86 ng/ml



#15 AR-1232-5

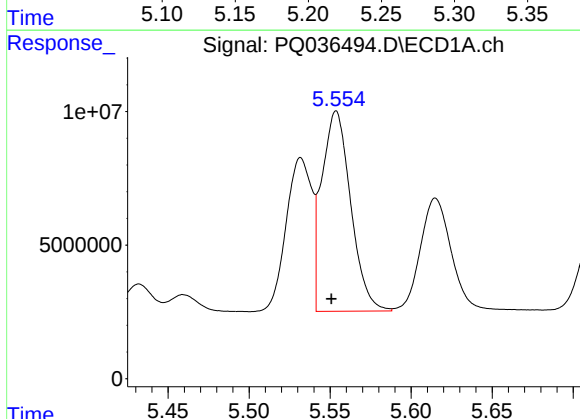
R.T.: 5.800 min
Delta R.T.: -0.020 min
Response: 37904092
Conc: 1323.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



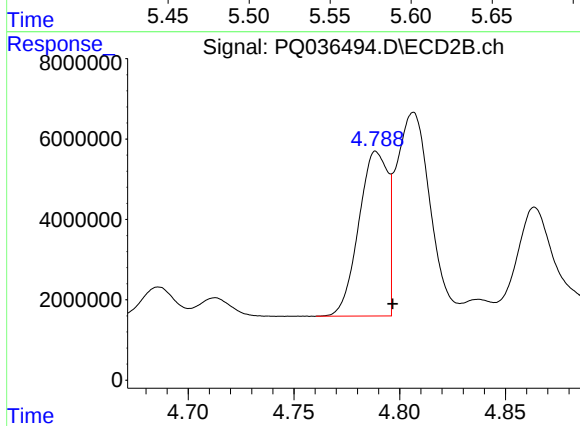
#15 AR-1232-5

R.T.: 5.234 min
Delta R.T.: -0.009 min
Response: 28578397
Conc: 1303.14 ng/ml



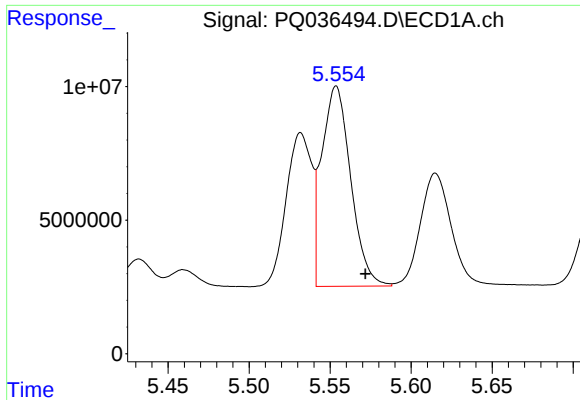
#16 AR-1242-1

R.T.: 5.554 min
Delta R.T.: 0.003 min
Response: 93254713
Conc: 937.99 ng/ml



#16 AR-1242-1

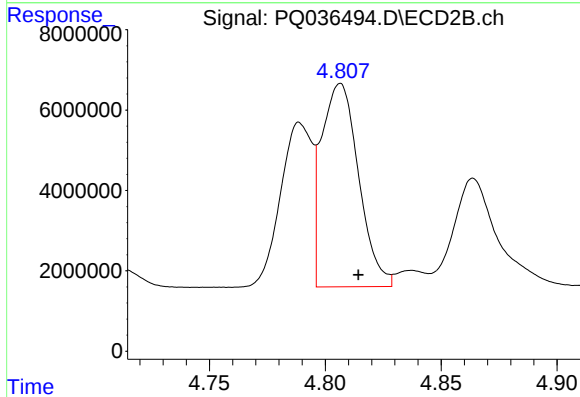
R.T.: 4.789 min
Delta R.T.: -0.008 min
Response: 38862467
Conc: 674.07 ng/ml



#17 AR-1242-2

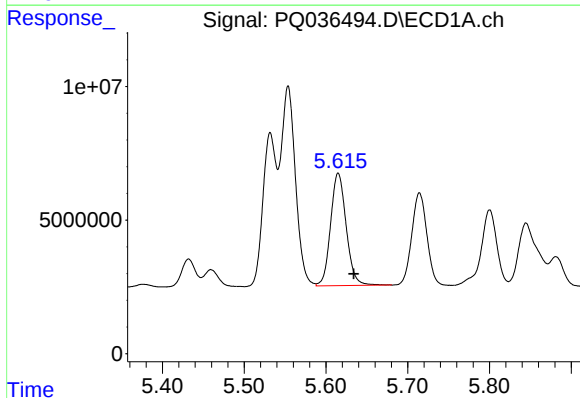
R.T.: 5.554 min
Delta R.T.: -0.018 min
Response: 93254713
Conc: 617.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



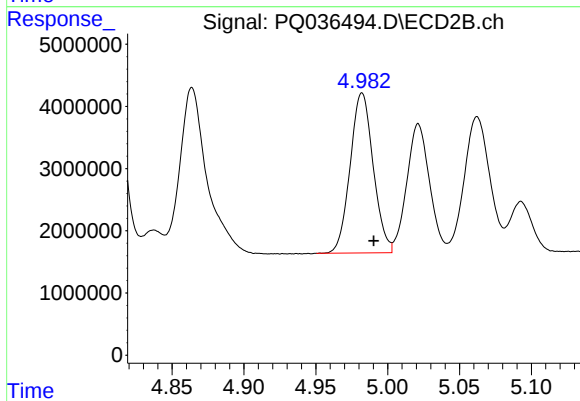
#17 AR-1242-2

R.T.: 4.806 min
Delta R.T.: -0.008 min
Response: 56314835
Conc: 690.54 ng/ml



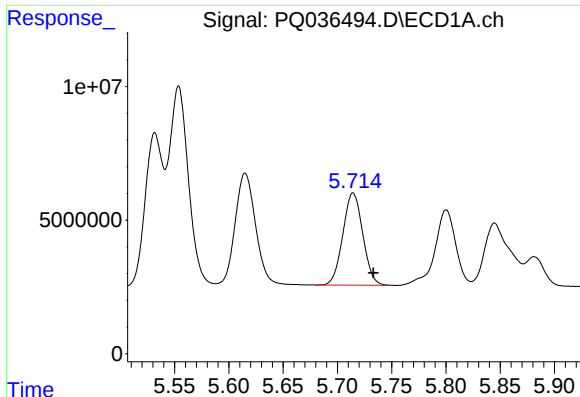
#18 AR-1242-3

R.T.: 5.615 min
Delta R.T.: -0.019 min
Response: 55824299
Conc: 629.44 ng/ml



#18 AR-1242-3

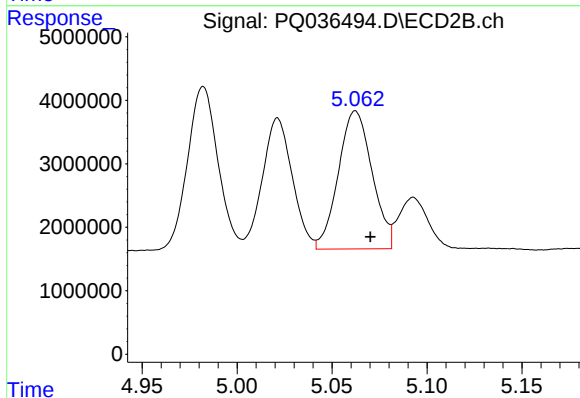
R.T.: 4.982 min
Delta R.T.: -0.008 min
Response: 28717663
Conc: 671.81 ng/ml



#19 AR-1242-4

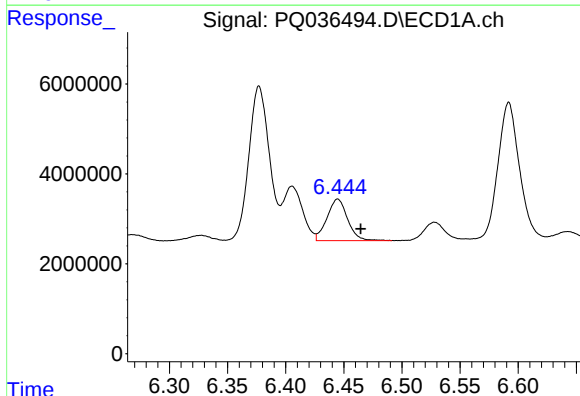
R.T.: 5.714 min
Delta R.T.: -0.019 min
Response: 44210474
Conc: 606.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



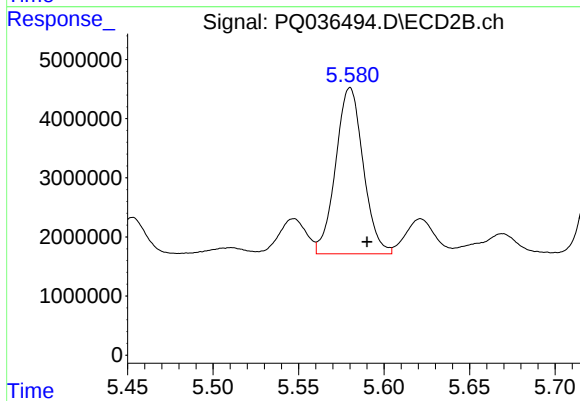
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: -0.008 min
Response: 26918610
Conc: 632.58 ng/ml



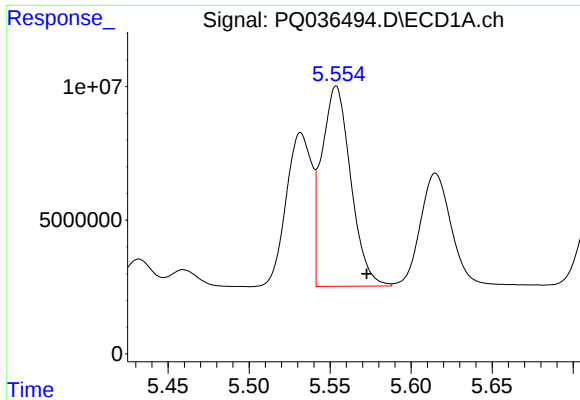
#20 AR-1242-5

R.T.: 6.445 min
Delta R.T.: -0.020 min
Response: 11447088
Conc: 144.25 ng/ml



#20 AR-1242-5

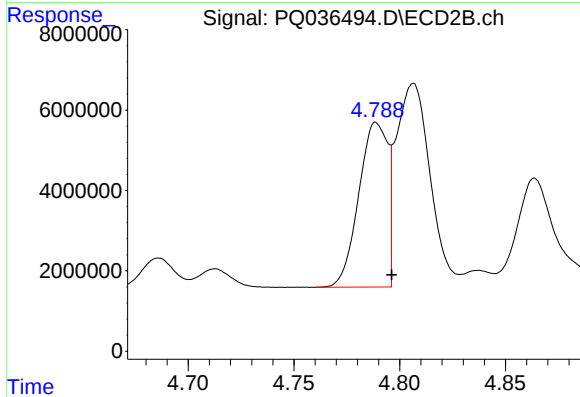
R.T.: 5.580 min
Delta R.T.: -0.010 min
Response: 31543092
Conc: 580.71 ng/ml



#21 AR-1248-1

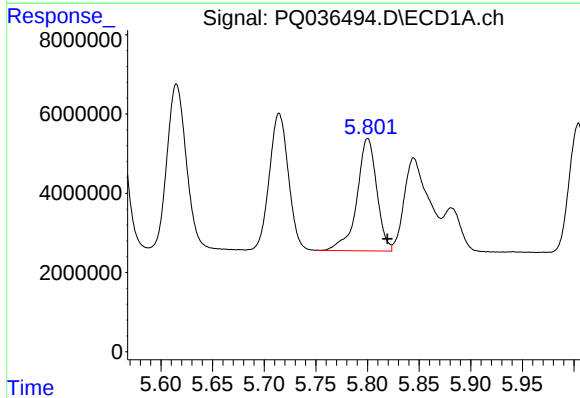
R.T.: 5.554 min
Delta R.T.: -0.019 min
Response: 93254713
Conc: 931.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



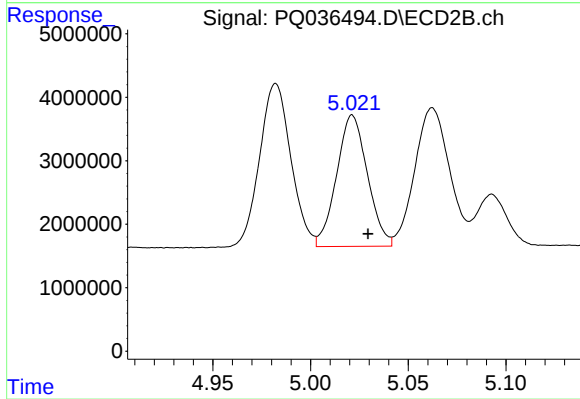
#21 AR-1248-1

R.T.: 4.789 min
Delta R.T.: -0.007 min
Response: 38862467
Conc: 828.11 ng/ml



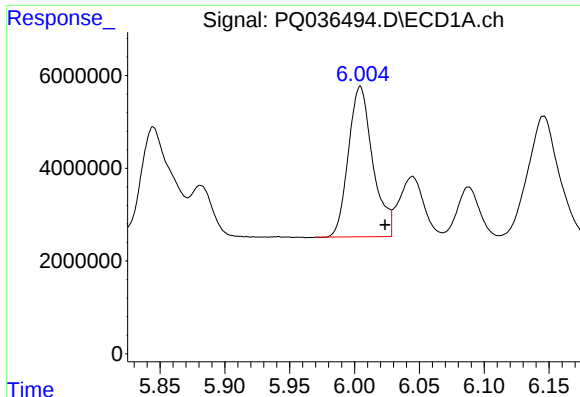
#22 AR-1248-2

R.T.: 5.800 min
Delta R.T.: -0.019 min
Response: 37904092
Conc: 339.32 ng/ml



#22 AR-1248-2

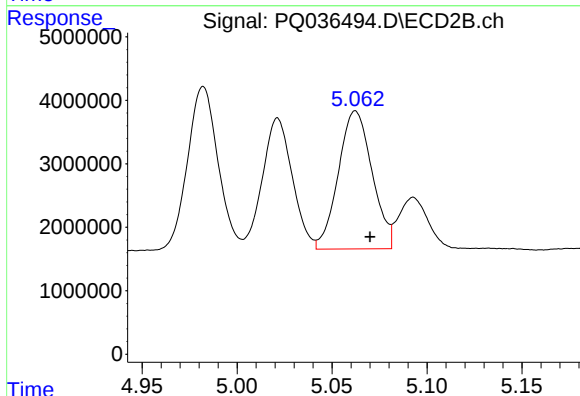
R.T.: 5.021 min
Delta R.T.: -0.008 min
Response: 22749886
Conc: 362.48 ng/ml



#23 AR-1248-3

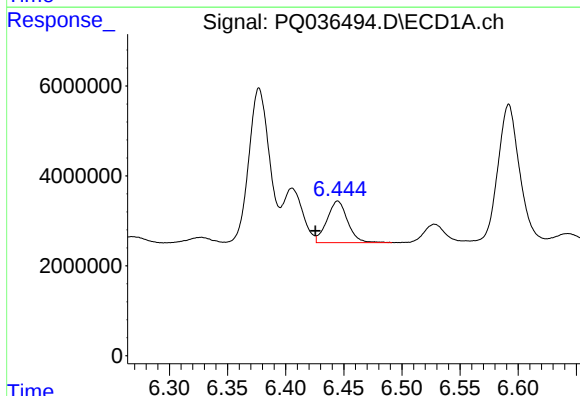
R.T.: 6.004 min
Delta R.T.: -0.019 min
Response: 42392965
Conc: 338.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



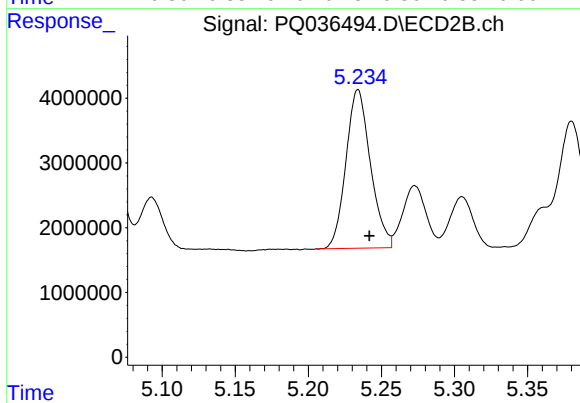
#23 AR-1248-3

R.T.: 5.062 min
Delta R.T.: -0.008 min
Response: 26918610
Conc: 418.97 ng/ml



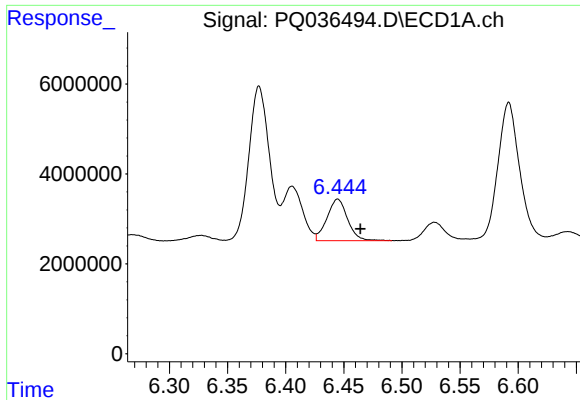
#24 AR-1248-4

R.T.: 6.445 min
Delta R.T.: 0.019 min
Response: 11447088
Conc: 80.28 ng/ml



#24 AR-1248-4

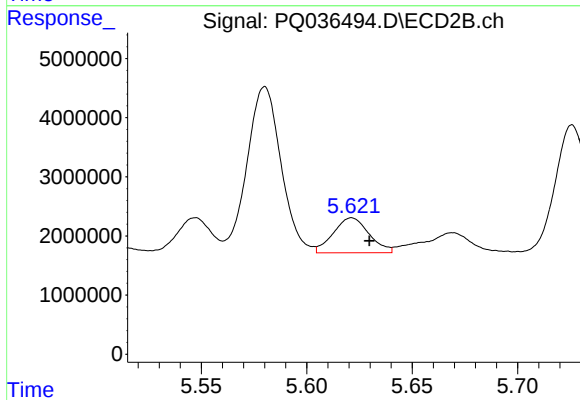
R.T.: 5.234 min
Delta R.T.: -0.008 min
Response: 28578397
Conc: 372.04 ng/ml



#25 AR-1248-5

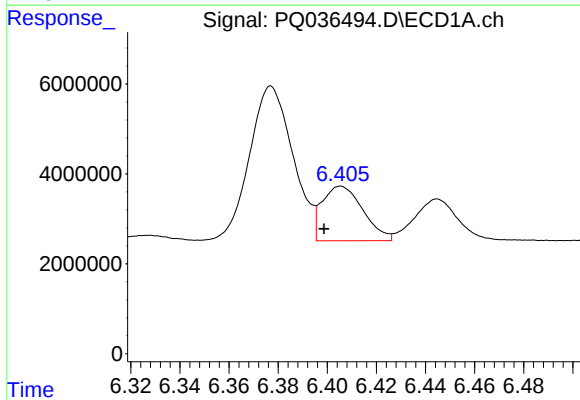
R.T.: 6.445 min
Delta R.T.: -0.019 min
Response: 11447088
Conc: 83.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



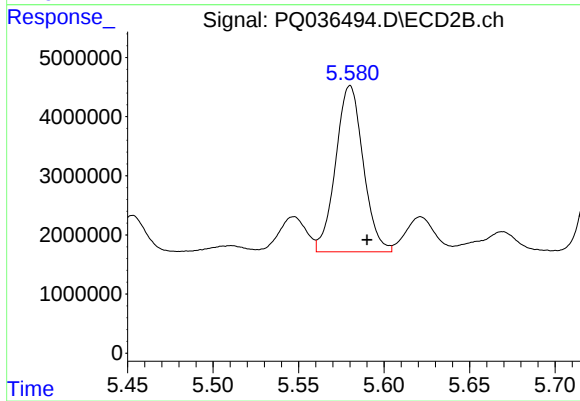
#25 AR-1248-5

R.T.: 5.621 min
Delta R.T.: -0.008 min
Response: 6978779
Conc: 91.44 ng/ml



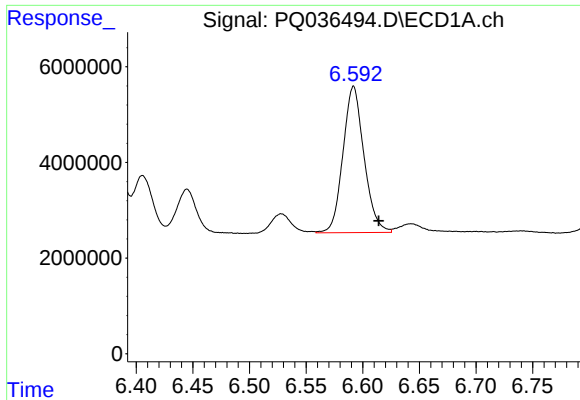
#26 AR-1254-1

R.T.: 6.405 min
Delta R.T.: 0.007 min
Response: 14056438
Conc: 103.40 ng/ml



#26 AR-1254-1

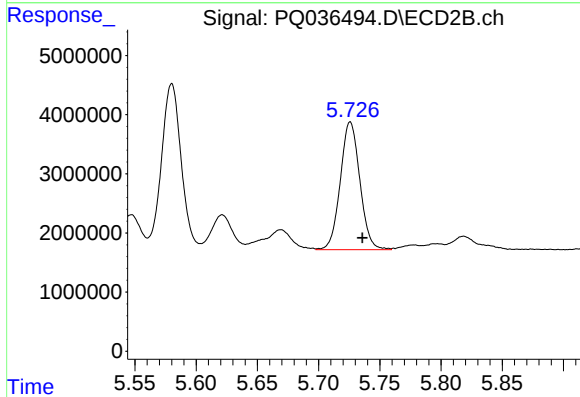
R.T.: 5.580 min
Delta R.T.: -0.010 min
Response: 31543092
Conc: 301.59 ng/ml



#27 AR-1254-2

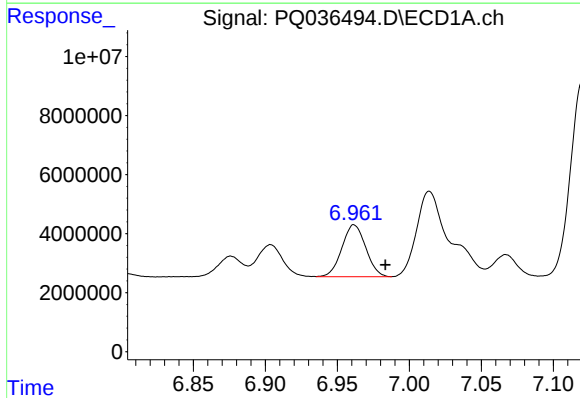
R.T.: 6.592 min
Delta R.T.: -0.022 min
Response: 39576957
Conc: 186.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



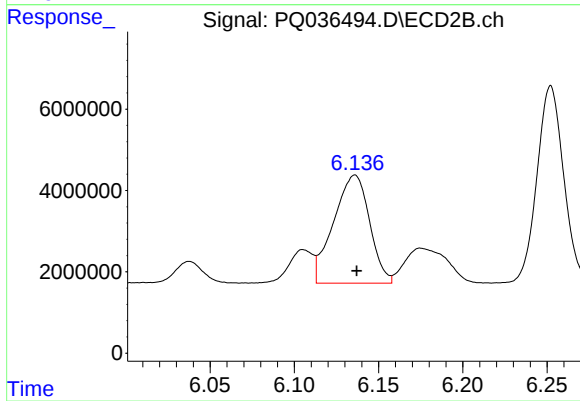
#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: -0.010 min
Response: 23984078
Conc: 262.47 ng/ml



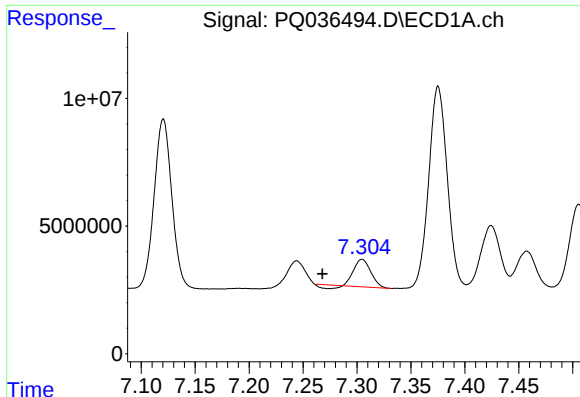
#28 AR-1254-3

R.T.: 6.962 min
Delta R.T.: -0.022 min
Response: 20281333
Conc: 86.40 ng/ml



#28 AR-1254-3

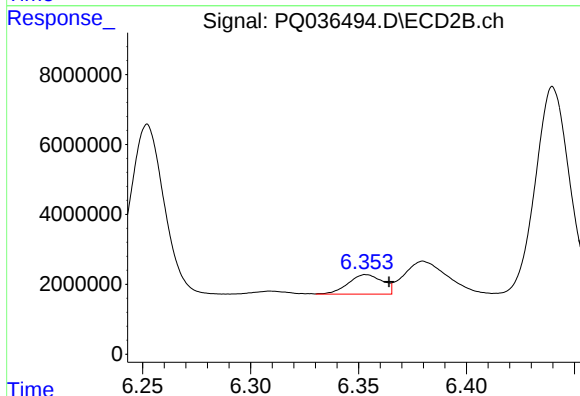
R.T.: 6.136 min
Delta R.T.: -0.001 min
Response: 39562058
Conc: 248.49 ng/ml



#29 AR-1254-4

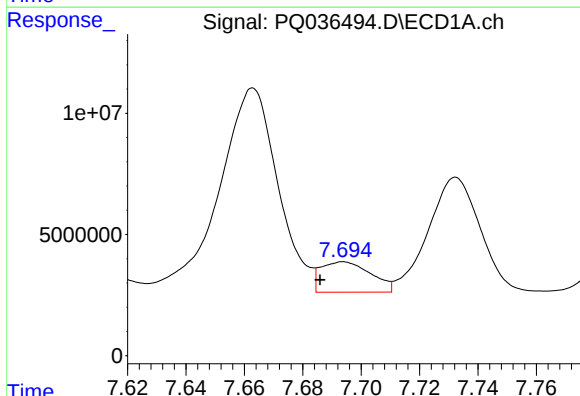
R.T.: 7.305 min
Delta R.T.: 0.037 min
Response: 11139490
Conc: 62.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



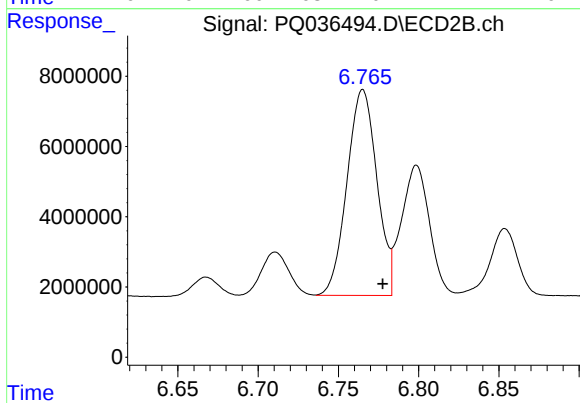
#29 AR-1254-4

R.T.: 6.354 min
Delta R.T.: -0.011 min
Response: 6142237
Conc: 58.52 ng/ml



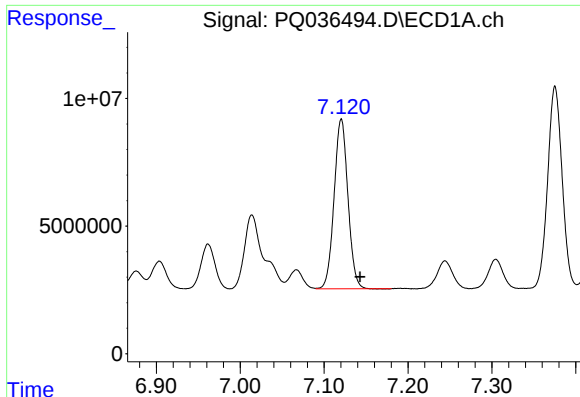
#30 AR-1254-5

R.T.: 7.694 min
Delta R.T.: 0.008 min
Response: 14950859
Conc: 73.00 ng/ml



#30 AR-1254-5

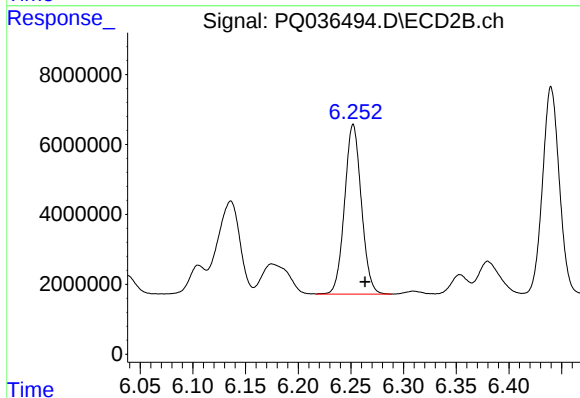
R.T.: 6.765 min
Delta R.T.: -0.012 min
Response: 76046393
Conc: 523.55 ng/ml



#31 AR-1260-1

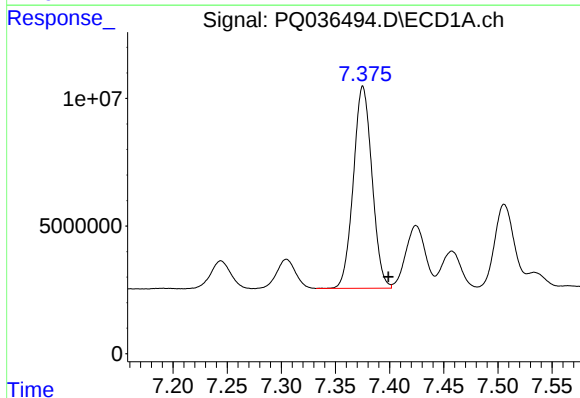
R.T.: 7.121 min
Delta R.T.: -0.022 min
Response: 76076619
Conc: 399.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



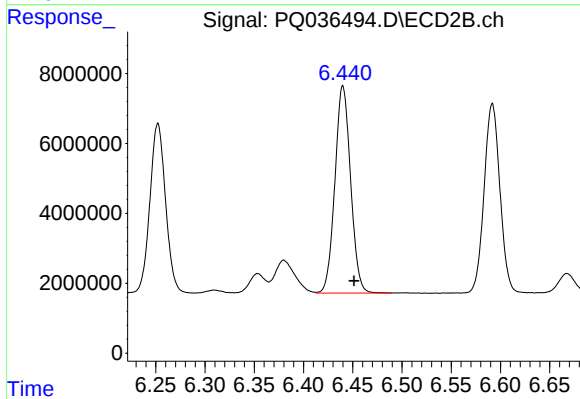
#31 AR-1260-1

R.T.: 6.252 min
Delta R.T.: -0.011 min
Response: 53735698
Conc: 451.28 ng/ml



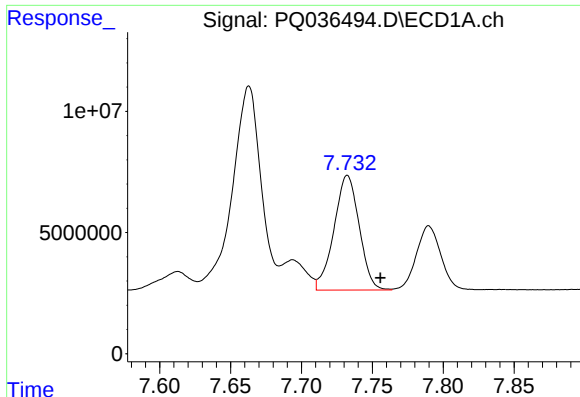
#32 AR-1260-2

R.T.: 7.375 min
Delta R.T.: -0.023 min
Response: 94938658
Conc: 413.69 ng/ml



#32 AR-1260-2

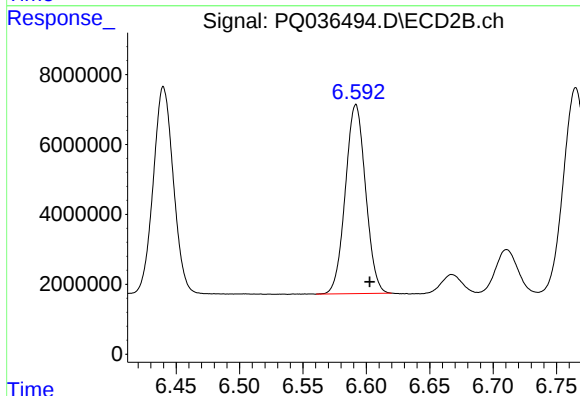
R.T.: 6.440 min
Delta R.T.: -0.011 min
Response: 65702777
Conc: 457.65 ng/ml



#33 AR-1260-3

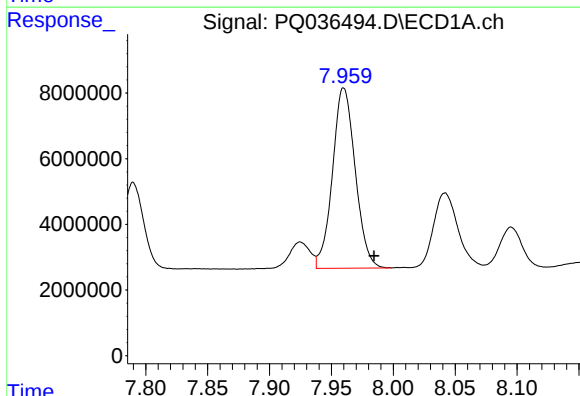
R.T.: 7.732 min
Delta R.T.: -0.023 min
Response: 58689324
Conc: 416.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



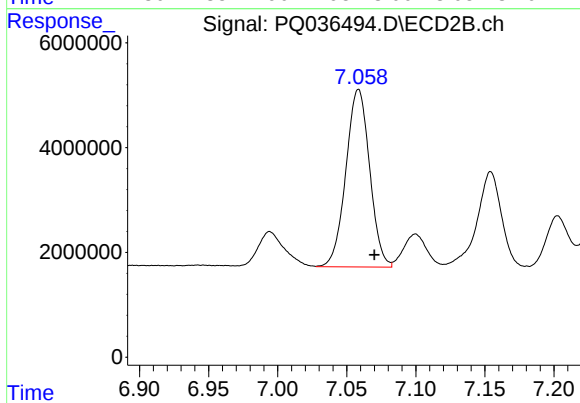
#33 AR-1260-3

R.T.: 6.592 min
Delta R.T.: -0.011 min
Response: 60037955
Conc: 454.70 ng/ml



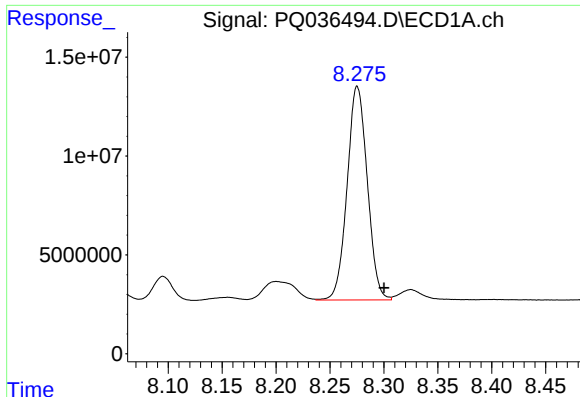
#34 AR-1260-4

R.T.: 7.960 min
Delta R.T.: -0.025 min
Response: 70368581
Conc: 408.12 ng/ml



#34 AR-1260-4

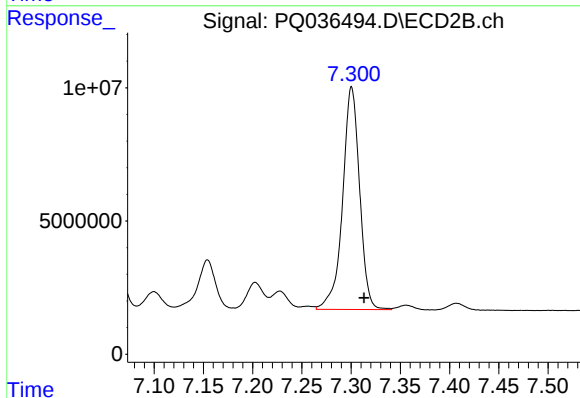
R.T.: 7.059 min
Delta R.T.: -0.011 min
Response: 40586985
Conc: 451.52 ng/ml



#35 AR-1260-5

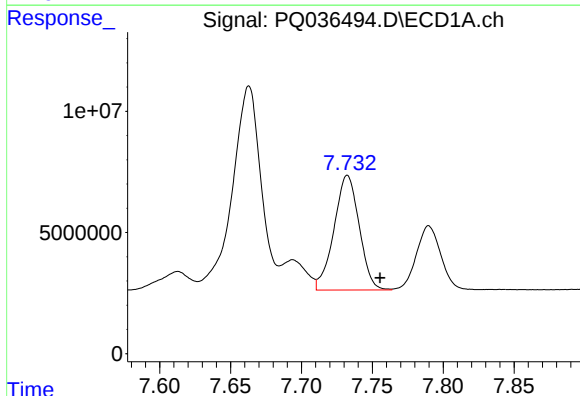
R.T.: 8.275 min
Delta R.T.: -0.025 min
Response: 140916870
Conc: 419.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



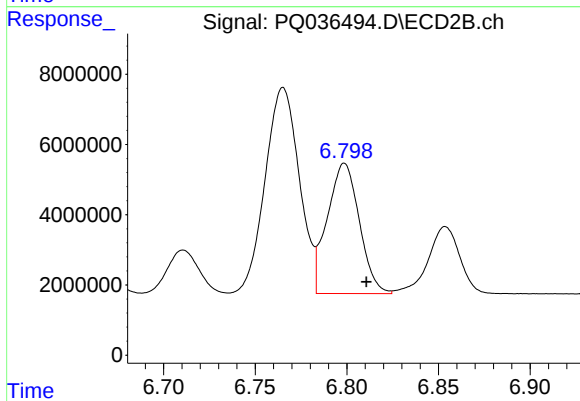
#35 AR-1260-5

R.T.: 7.301 min
Delta R.T.: -0.013 min
Response: 100618146
Conc: 455.43 ng/ml



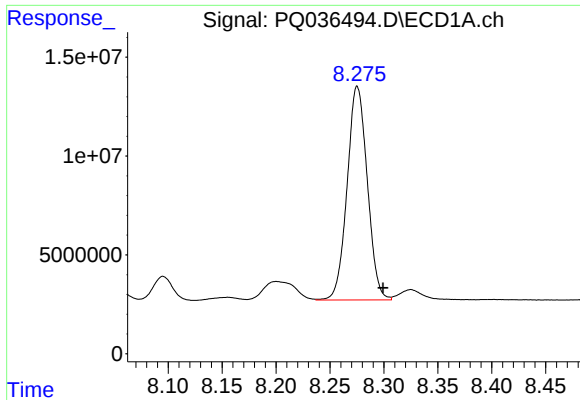
#36 AR-1262-1

R.T.: 7.732 min
Delta R.T.: -0.023 min
Response: 58689324
Conc: 250.44 ng/ml



#36 AR-1262-1

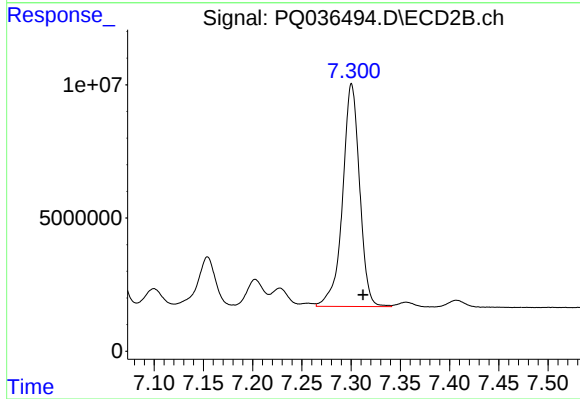
R.T.: 6.799 min
Delta R.T.: -0.012 min
Response: 45214689
Conc: 293.29 ng/ml



#37 AR-1262-2

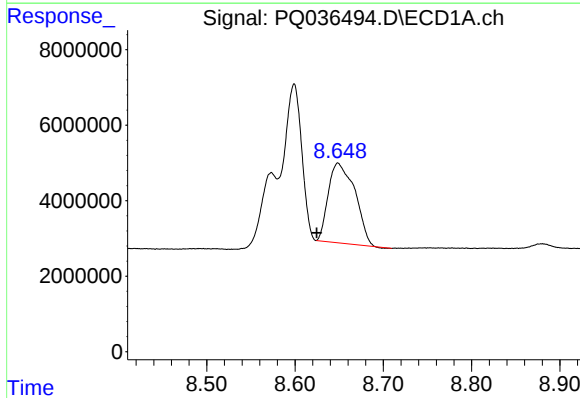
R.T.: 8.275 min
Delta R.T.: -0.024 min
Response: 140916870
Conc: 328.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



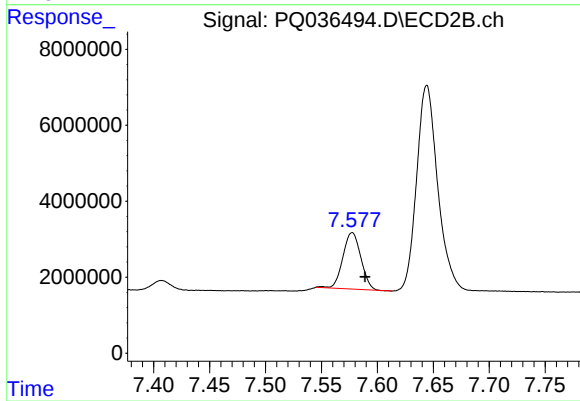
#37 AR-1262-2

R.T.: 7.301 min
Delta R.T.: -0.012 min
Response: 100618146
Conc: 361.43 ng/ml



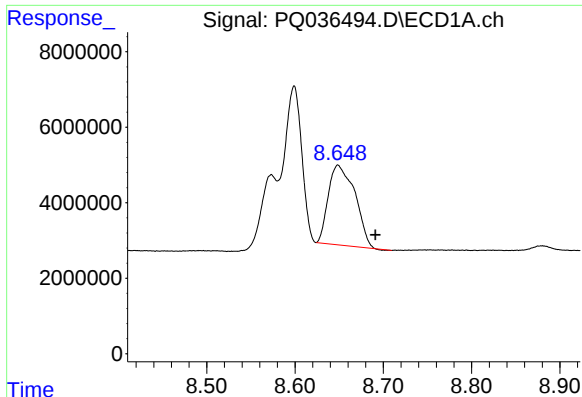
#38 AR-1262-3

R.T.: 8.649 min
Delta R.T.: 0.024 min
Response: 44387439
Conc: 476.97 ng/ml



#38 AR-1262-3

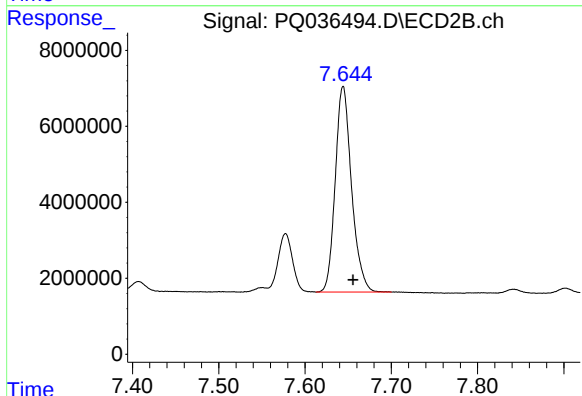
R.T.: 7.577 min
Delta R.T.: -0.012 min
Response: 16712393
Conc: 161.22 ng/ml



#39 AR-1262-4

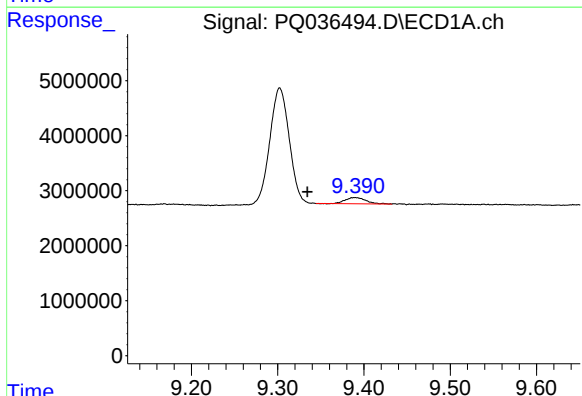
R.T.: 8.649 min
Delta R.T.: -0.042 min
Response: 44387439
Conc: 214.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



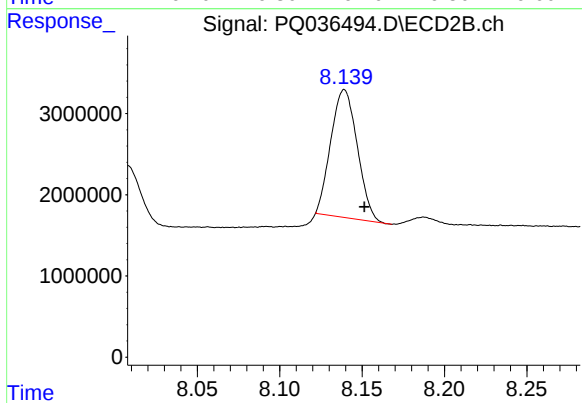
#39 AR-1262-4

R.T.: 7.644 min
Delta R.T.: -0.011 min
Response: 71138838
Conc: 357.44 ng/ml



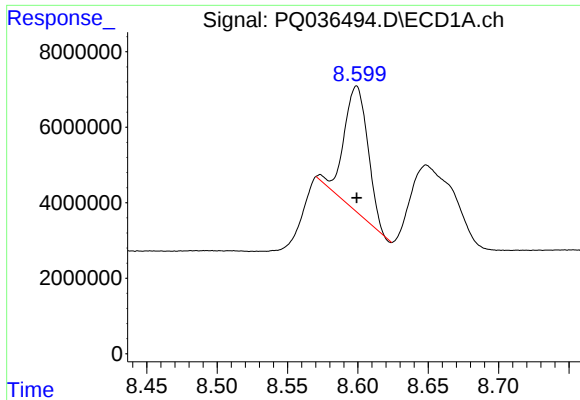
#40 AR-1262-5

R.T.: 9.390 min
Delta R.T.: 0.056 min
Response: 1851213
Conc: 12.74 ng/ml



#40 AR-1262-5

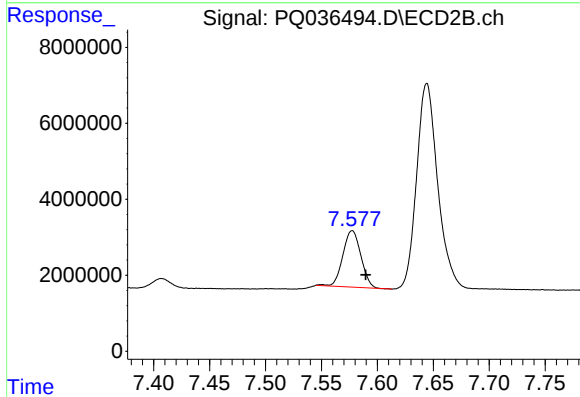
R.T.: 8.139 min
Delta R.T.: -0.012 min
Response: 17610269
Conc: 200.28 ng/ml



#41 AR-1268-1

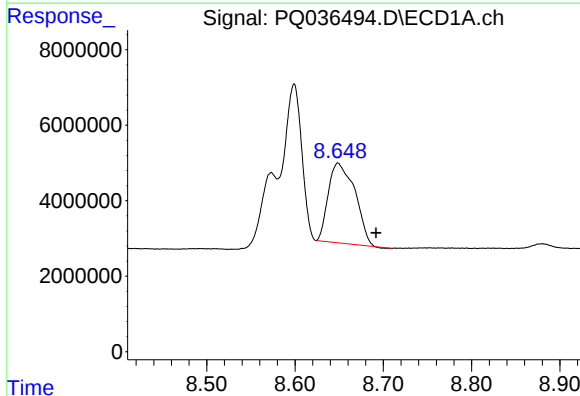
R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 39263273
Conc: 77.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



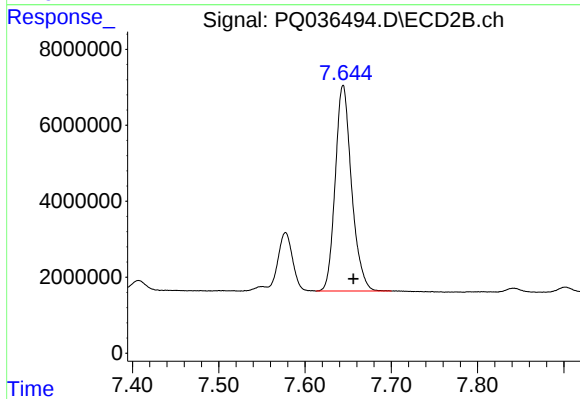
#41 AR-1268-1

R.T.: 7.577 min
Delta R.T.: -0.012 min
Response: 16712393
Conc: 52.61 ng/ml



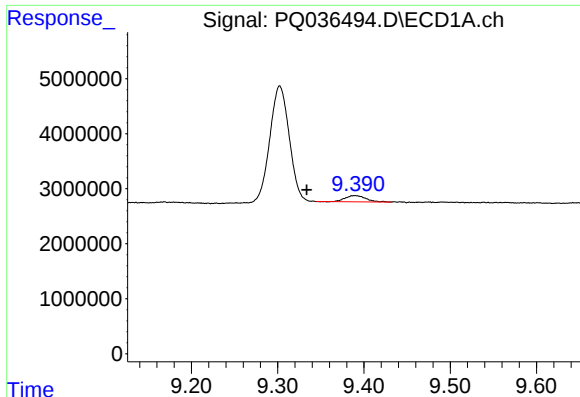
#42 AR-1268-2

R.T.: 8.649 min
Delta R.T.: -0.043 min
Response: 44387439
Conc: 92.82 ng/ml



#42 AR-1268-2

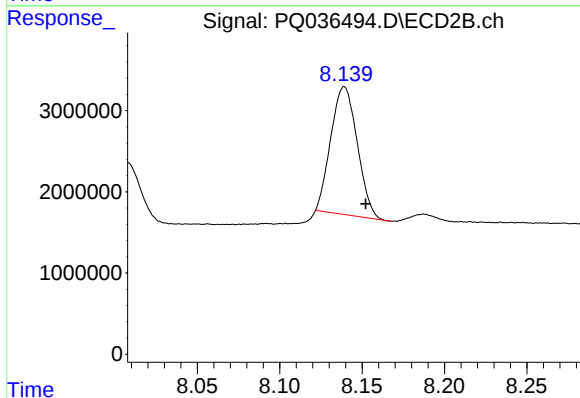
R.T.: 7.644 min
Delta R.T.: -0.012 min
Response: 71138838
Conc: 247.05 ng/ml



#44 AR-1268-4

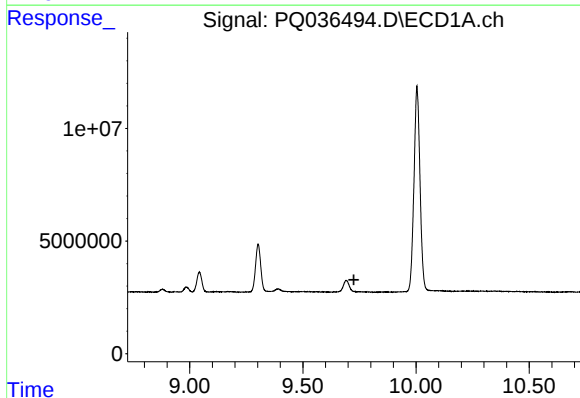
R.T.: 9.390 min
Delta R.T.: 0.056 min
Response: 1851213
Conc: 11.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



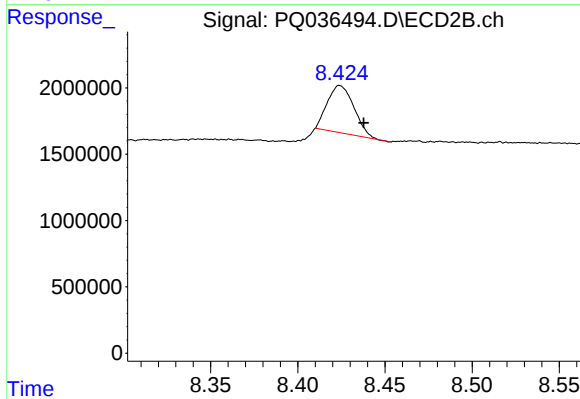
#44 AR-1268-4

R.T.: 8.139 min
Delta R.T.: -0.013 min
Response: 17610269
Conc: 177.12 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.725 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.424 min
Delta R.T.: -0.014 min
Response: 3774052
Conc: 5.02 ng/ml