

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041323\
 Data File : PQ060982.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 11:18
 Operator : YP\AJ
 Sample : 02255-02MS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 22:51:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 13 01:33:58 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.405	2.762	190.3E6	85666619	21.716	22.051
2)	SA Decachlor...	8.586	7.539	254.6E6	188.7E6	42.478	42.882
Target Compounds							
3)	L1 AR-1016-1	4.506	3.766	124.9E6	60508162	423.456	430.195
4)	L1 AR-1016-2	4.524	3.782	185.3E6	88197064	427.756	431.410
5)	L1 AR-1016-3	4.583	3.941	115.2E6	46369437	421.714	429.717
6)	L1 AR-1016-4	4.674	3.991	94485135	39242312	418.221	435.375
7)	L1 AR-1016-5	4.961	4.186	93806123	47667182	426.137	422.128
8)	L2 AR-1221-1	3.601	2.964	13860249	5837339	128.097	108.766
9)	L2 AR-1221-2	3.684	3.041	18125717	7194244	257.353	203.616
10)	L2 AR-1221-3	3.754	3.109	66475118	31975992	284.171	286.559
11)	L3 AR-1232-1	3.754	3.109	66475118	31975992	330.994	337.894
12)	L3 AR-1232-2	4.247	3.782	98214304	88197064	923.829	936.135
13)	L3 AR-1232-3	4.524	3.941	185.3E6	46369437	919.223	963.951
14)	L3 AR-1232-4	4.674	4.027	94485135	43721127	920.890	1048.651
15)	L3 AR-1232-5	4.771	4.186	75005369	47667182	1033.926	990.694
16)	L4 AR-1242-1	4.506	3.766	124.9E6	60508162	511.181	512.963
17)	L4 AR-1242-2	4.524	3.782	185.3E6	88197064	518.954	519.305
18)	L4 AR-1242-3	4.583	3.941	115.2E6	46369437	516.450	512.463
19)	L4 AR-1242-4	4.674	4.027	94485135	43721127	509.064	518.784
20)	L4 AR-1242-5	5.390	4.522	13718584	38689077	68.335	343.816 #
21)	L5 AR-1248-1	4.506	3.766	124.9E6	60508162	644.580	643.718
22)	L5 AR-1248-2	4.771	3.991	75005369	39242312	294.415	291.141
23)	L5 AR-1248-3	4.961	4.027	93806123	43721127	305.952	338.418
24)	L5 AR-1248-4	5.354	4.186	15898037	47667182	45.233	300.936 #
25)	L5 AR-1248-5	5.390	4.560	13718584	6139115	39.841	37.737
26)	L6 AR-1254-1	5.327	4.522	73333324	38689077	216.772	163.525
27)	L6 AR-1254-2	5.546	4.669	81861312	37952971	160.709	183.444
28)	L6 AR-1254-3	5.898	5.051	44961791	19322619	81.716	61.102 #
29)	L6 AR-1254-4	6.181	5.277	28069909	7941169	68.257	37.476 #
30)	L6 AR-1254-5	6.594	5.683	250.9E6	146.5E6	555.540	480.868
31)	L7 AR-1260-1	6.064	5.180	171.6E6	95272442	413.268	417.826
32)	L7 AR-1260-2	6.324	5.370	204.7E6	116.7E6	409.410	416.063
33)	L7 AR-1260-3	6.677	5.512	131.1E6	110.8E6	353.540	417.348
34)	L7 AR-1260-4	6.895	5.974	156.7E6	82499381	375.952	368.698
35)	L7 AR-1260-5	7.206	6.220	295.5E6	186.6E6	368.017	369.700
36)	L8 AR-1262-1	6.677	5.726	131.1E6	81586189	247.268	258.218
37)	L8 AR-1262-2	7.206	6.220	295.5E6	186.6E6	328.560	323.055
38)	L8 AR-1262-3	7.484	6.498	191.9E6	38969743	317.618	162.164 #
39)	L8 AR-1262-4	7.554	6.555	47317047	145.6E6	100.786	332.732 #
40)	L8 AR-1262-5	8.059	7.053	68912642	48728688	224.474	228.964
41)	L9 AR-1268-1	7.484	6.498	191.9E6	38969743	238.589	72.092 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 11:18
 Operator : YP\AJ
 Sample : 02255-02MS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

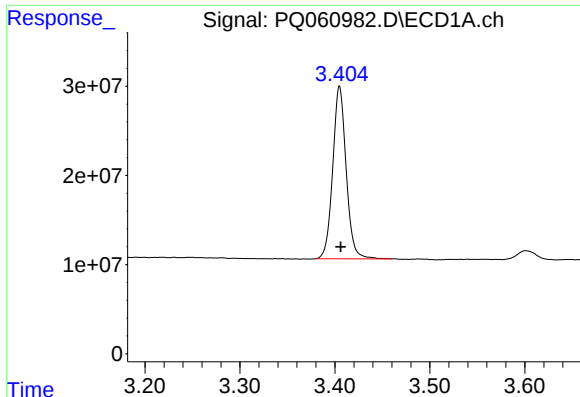
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 22:51:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 13 01:33:58 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	7.554	6.555	47317047	145.6E6	64.523	296.855 #
43) L9	AR-1268-3	7.739	6.762	6098116	3865926	10.022	9.129
44) L9	AR-1268-4	8.059	7.053	68912642	48728688	256.232	255.088
45) L9	AR-1268-5	8.352	7.322	24131450	17140317	13.874	12.676

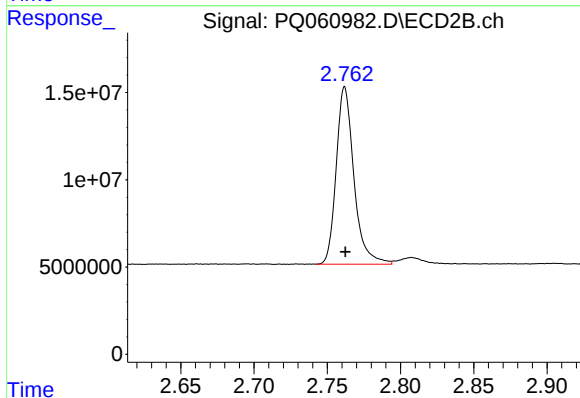
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

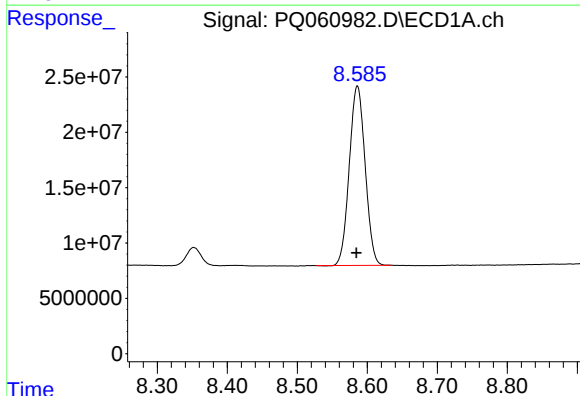
R.T.: 3.405 min
Delta R.T.: -0.001 min
Response: 190287953
Conc: 21.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



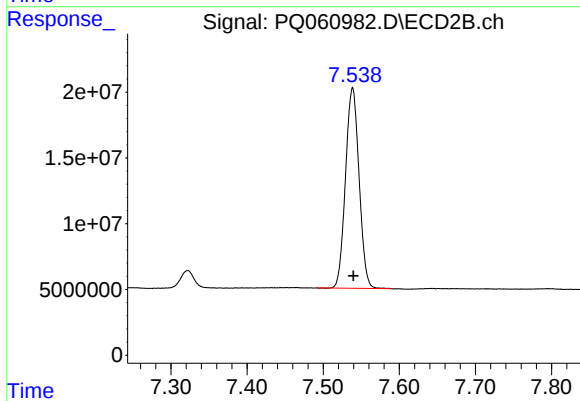
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 85666619
Conc: 22.05 ng/ml



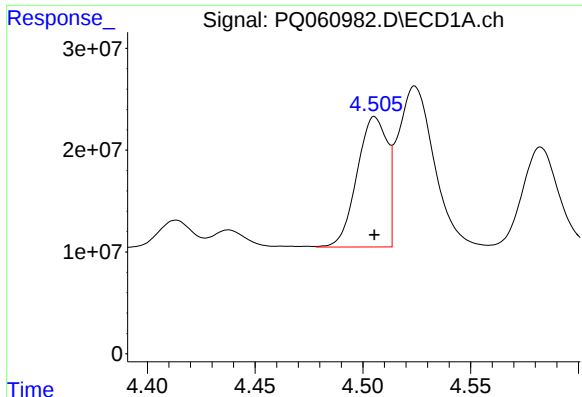
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.001 min
Response: 254641528
Conc: 42.48 ng/ml



#2 Decachlorobiphenyl

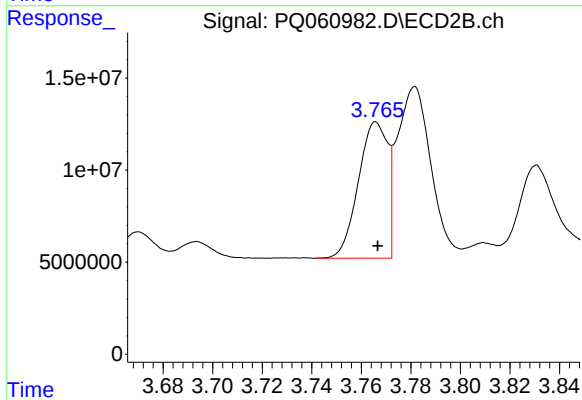
R.T.: 7.539 min
Delta R.T.: -0.001 min
Response: 188698978
Conc: 42.88 ng/ml



#3 AR-1016-1

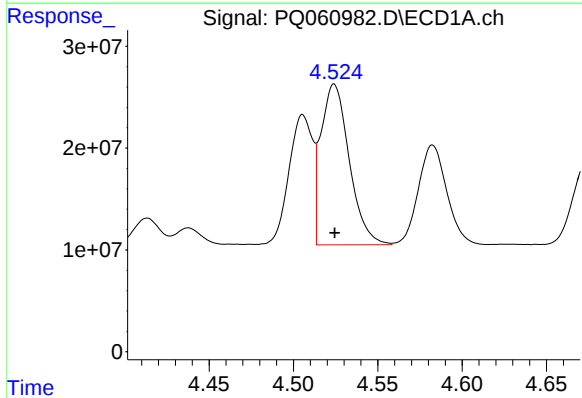
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 124853102
Conc: 423.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



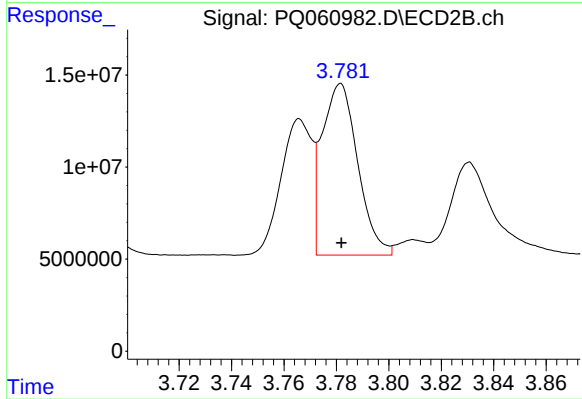
#3 AR-1016-1

R.T.: 3.766 min
Delta R.T.: 0.000 min
Response: 60508162
Conc: 430.19 ng/ml



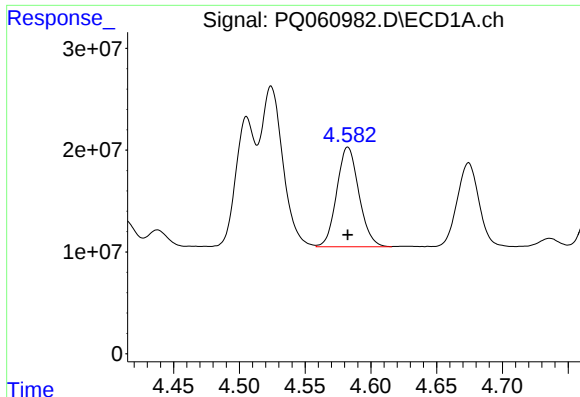
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 185344918
Conc: 427.76 ng/ml



#4 AR-1016-2

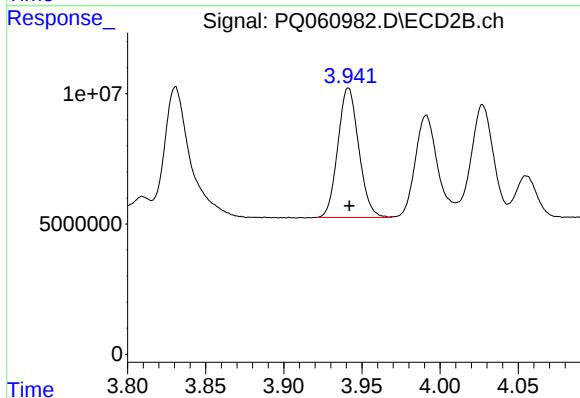
R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 88197064
Conc: 431.41 ng/ml



#5 AR-1016-3

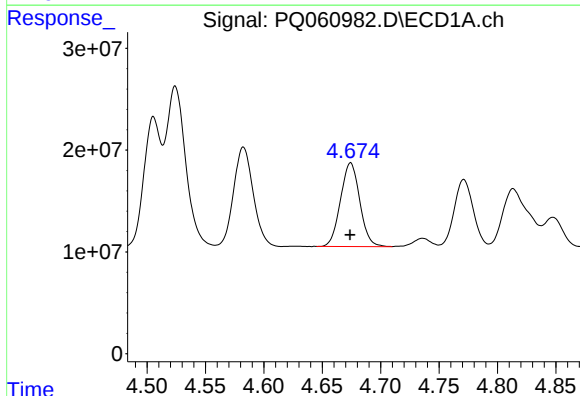
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 115155552
Conc: 421.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



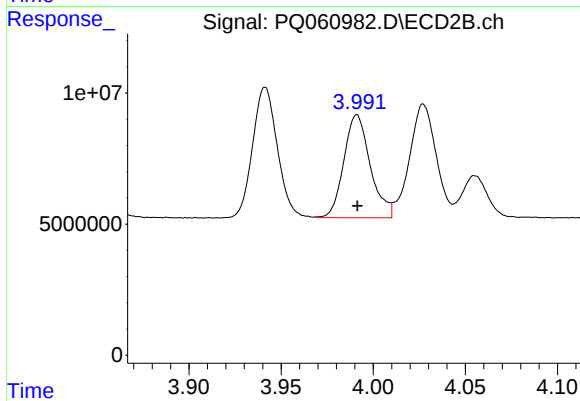
#5 AR-1016-3

R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 46369437
Conc: 429.72 ng/ml



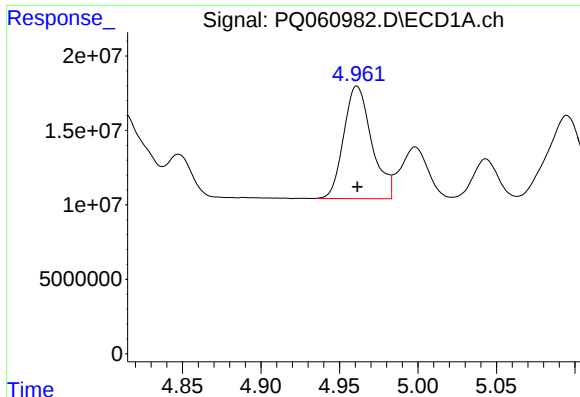
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 94485135
Conc: 418.22 ng/ml



#6 AR-1016-4

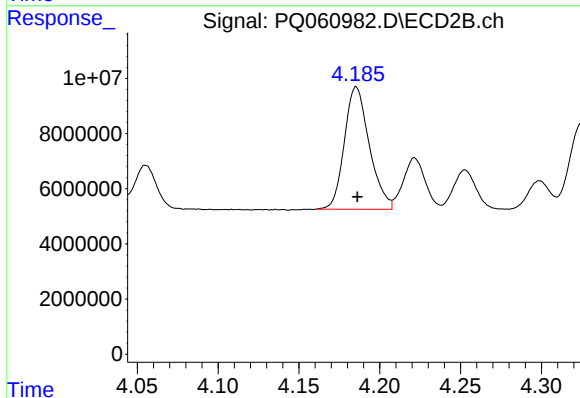
R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 39242312
Conc: 435.38 ng/ml



#7 AR-1016-5

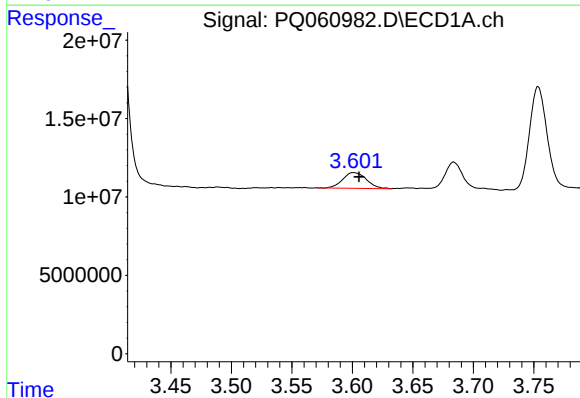
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 93806123
Conc: 426.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



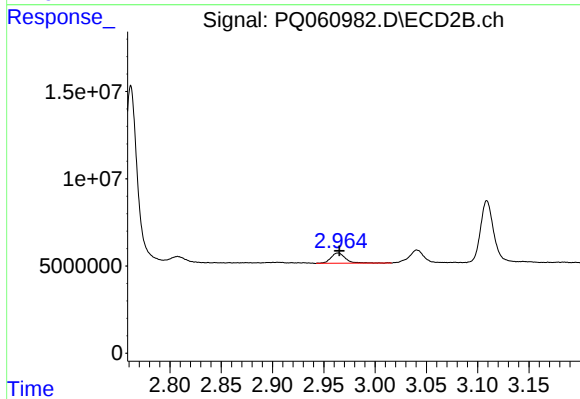
#7 AR-1016-5

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 47667182
Conc: 422.13 ng/ml



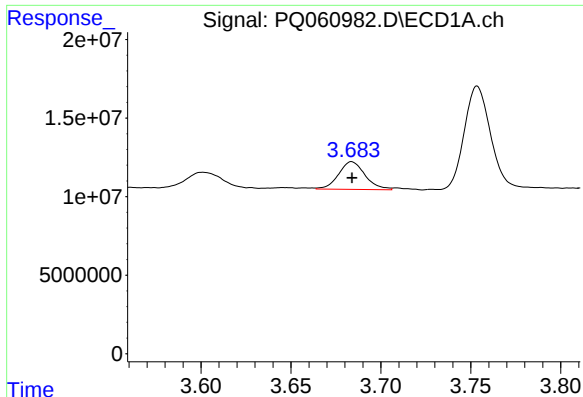
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.005 min
Response: 13860249
Conc: 128.10 ng/ml



#8 AR-1221-1

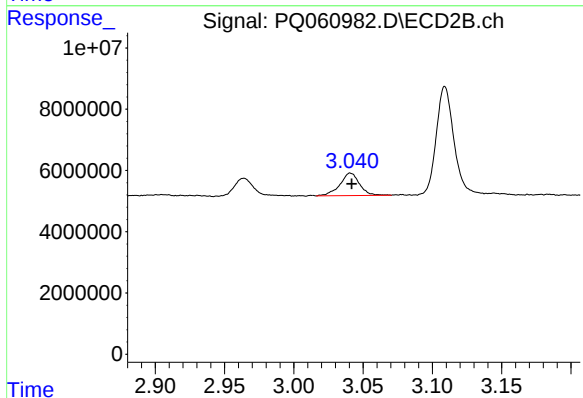
R.T.: 2.964 min
Delta R.T.: -0.001 min
Response: 5837339
Conc: 108.77 ng/ml



#9 AR-1221-2

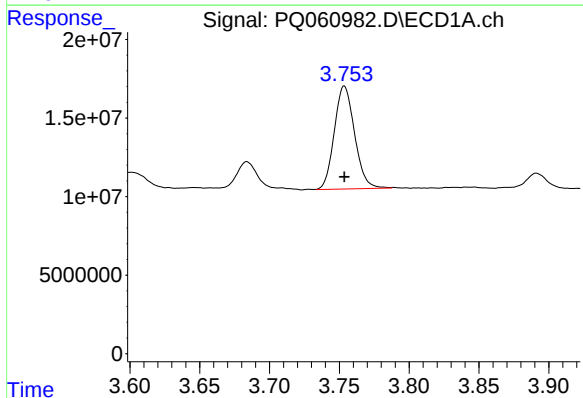
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 18125717
Conc: 257.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



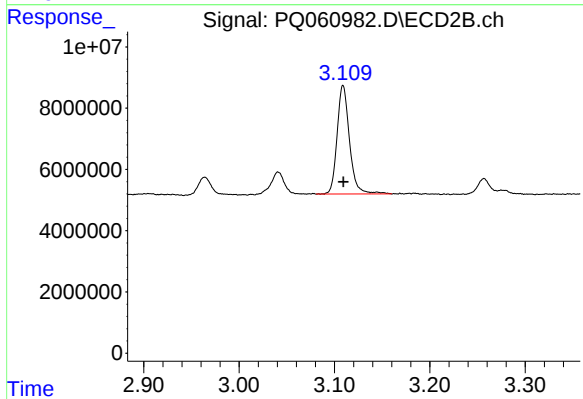
#9 AR-1221-2

R.T.: 3.041 min
Delta R.T.: 0.000 min
Response: 7194244
Conc: 203.62 ng/ml



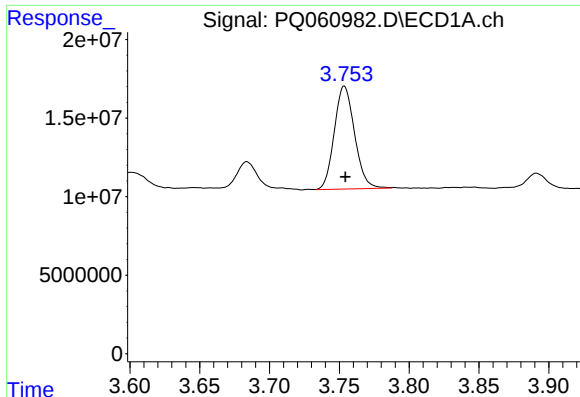
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 66475118
Conc: 284.17 ng/ml



#10 AR-1221-3

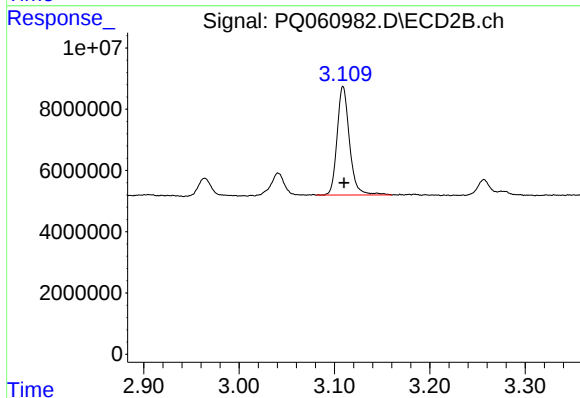
R.T.: 3.109 min
Delta R.T.: 0.000 min
Response: 31975992
Conc: 286.56 ng/ml



#11 AR-1232-1

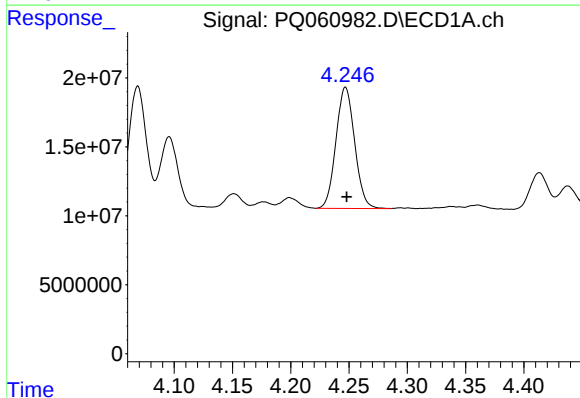
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 66475118
Conc: 330.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



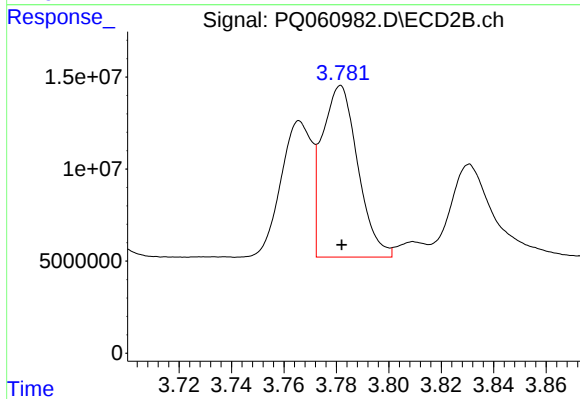
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: -0.001 min
Response: 31975992
Conc: 337.89 ng/ml



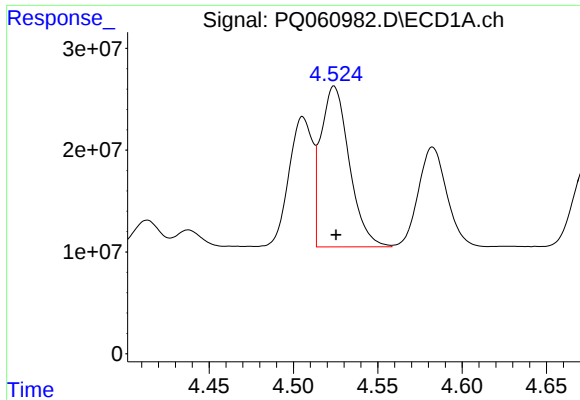
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: -0.001 min
Response: 98214304
Conc: 923.83 ng/ml



#12 AR-1232-2

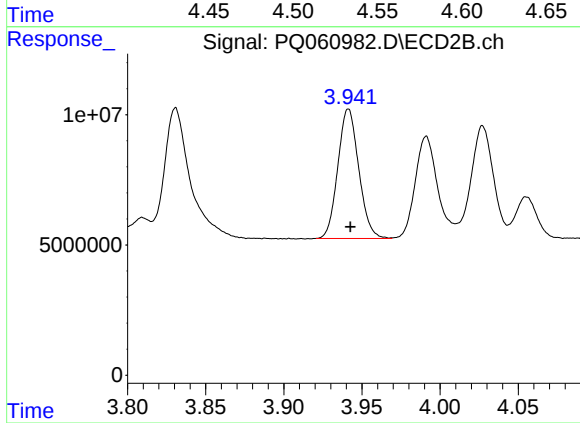
R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 88197064
Conc: 936.14 ng/ml



#13 AR-1232-3

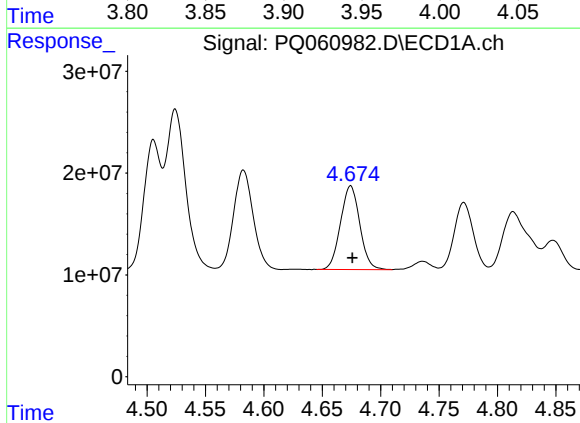
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 185344918
Conc: 919.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



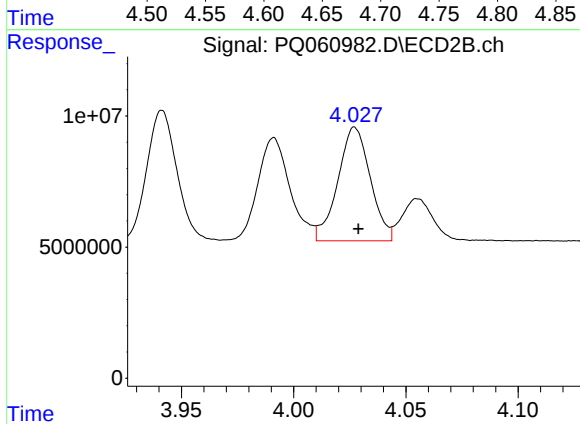
#13 AR-1232-3

R.T.: 3.941 min
Delta R.T.: -0.001 min
Response: 46369437
Conc: 963.95 ng/ml



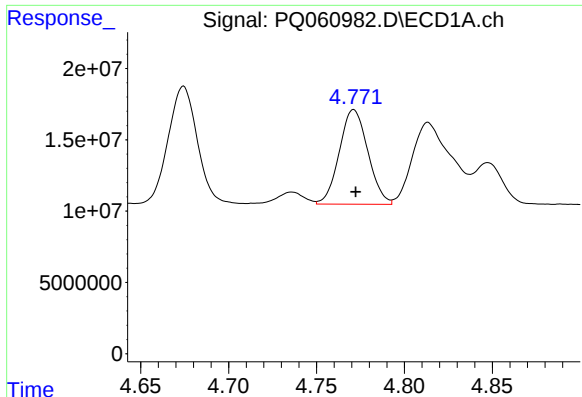
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: -0.001 min
Response: 94485135
Conc: 920.89 ng/ml



#14 AR-1232-4

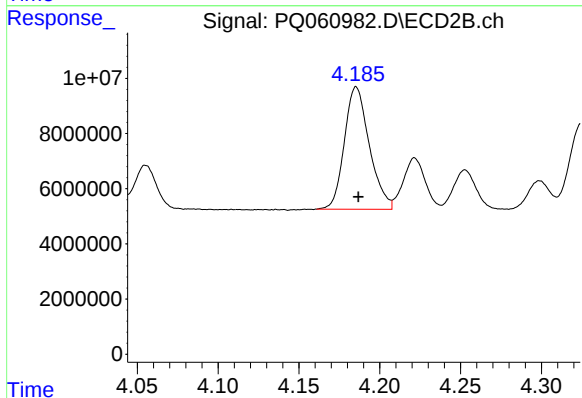
R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 43721127
Conc: 1048.65 ng/ml



#15 AR-1232-5

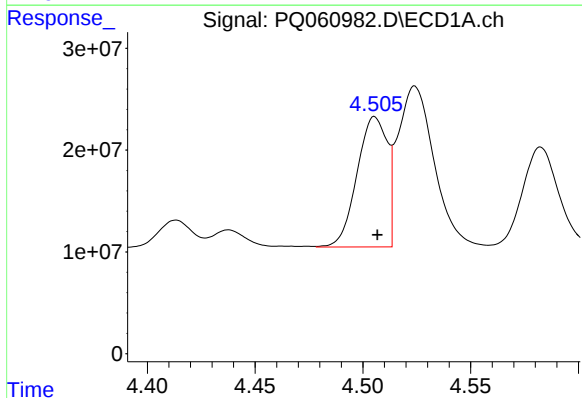
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 75005369
Conc: 1033.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



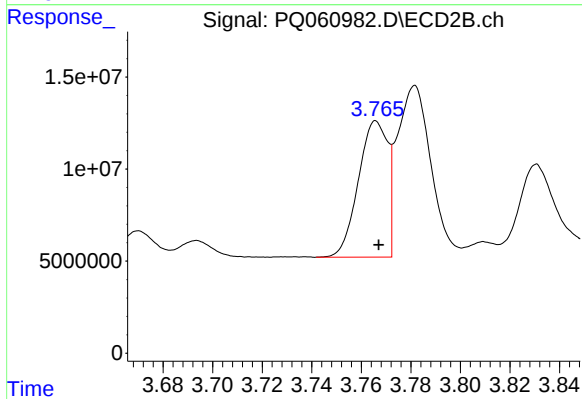
#15 AR-1232-5

R.T.: 4.186 min
Delta R.T.: -0.001 min
Response: 47667182
Conc: 990.69 ng/ml



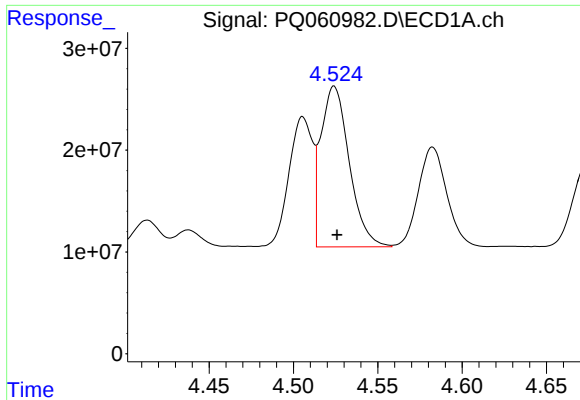
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: -0.001 min
Response: 124853102
Conc: 511.18 ng/ml



#16 AR-1242-1

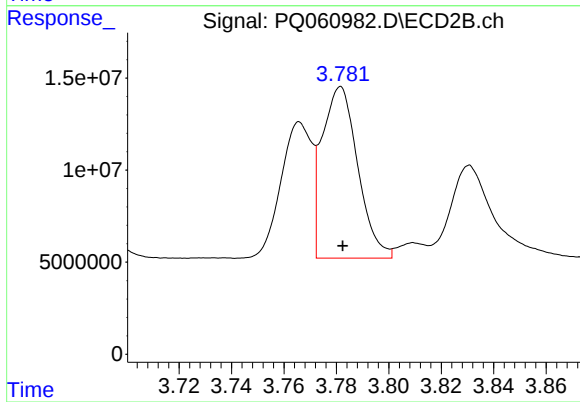
R.T.: 3.766 min
Delta R.T.: 0.000 min
Response: 60508162
Conc: 512.96 ng/ml



#17 AR-1242-2

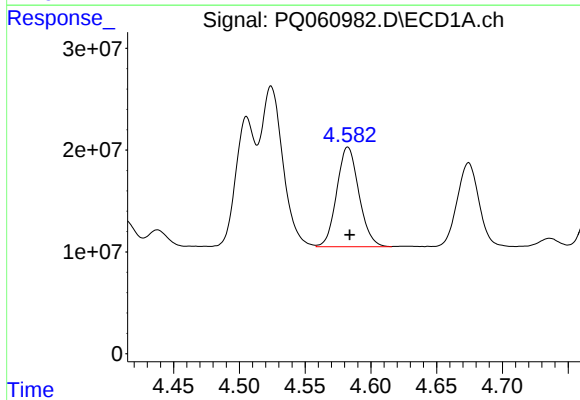
R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 185344918
Conc: 518.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



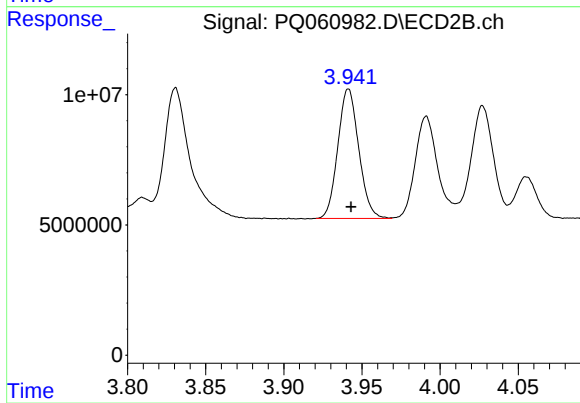
#17 AR-1242-2

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 88197064
Conc: 519.30 ng/ml



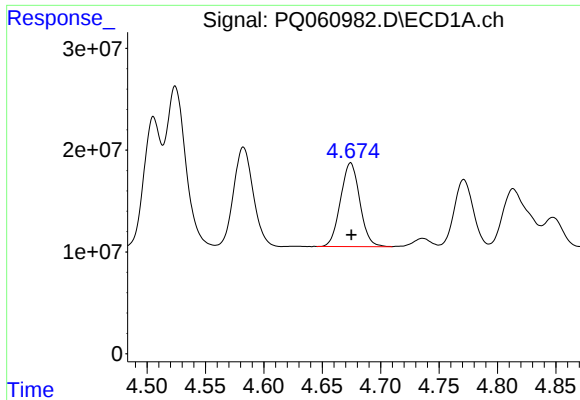
#18 AR-1242-3

R.T.: 4.583 min
Delta R.T.: -0.001 min
Response: 115155552
Conc: 516.45 ng/ml



#18 AR-1242-3

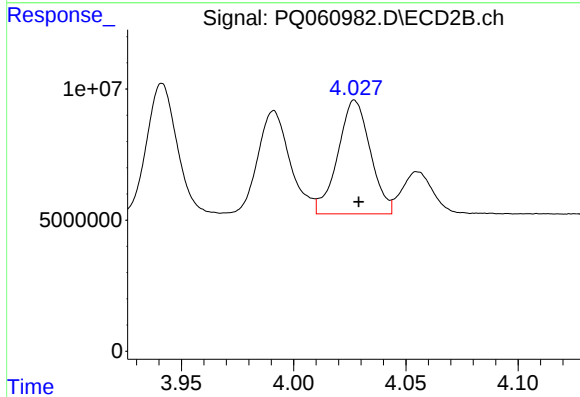
R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 46369437
Conc: 512.46 ng/ml



#19 AR-1242-4

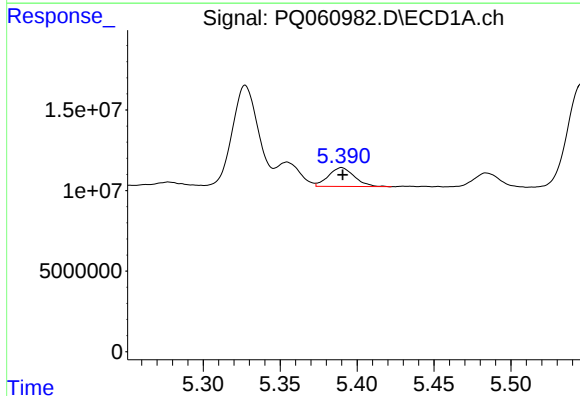
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 94485135
Conc: 509.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



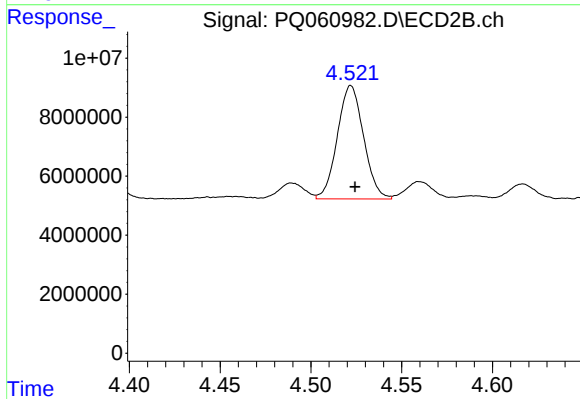
#19 AR-1242-4

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 43721127
Conc: 518.78 ng/ml



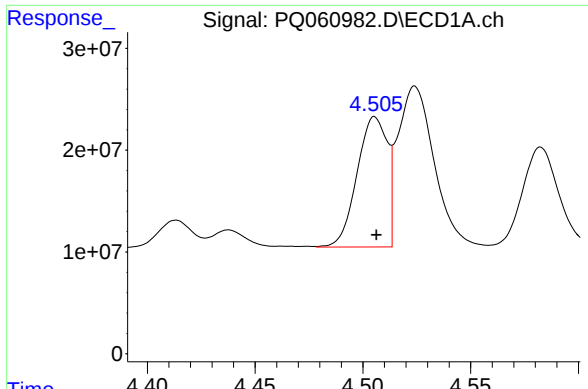
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 13718584
Conc: 68.34 ng/ml



#20 AR-1242-5

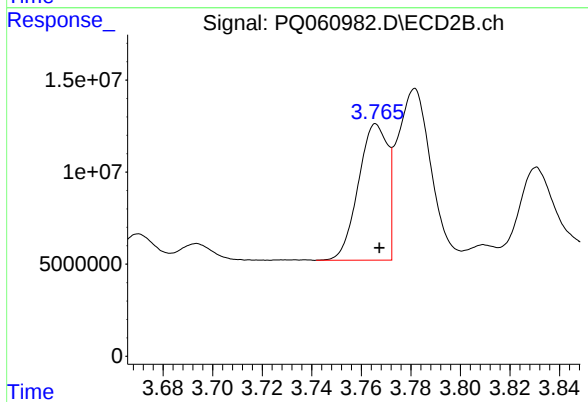
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 38689077
Conc: 343.82 ng/ml



#21 AR-1248-1

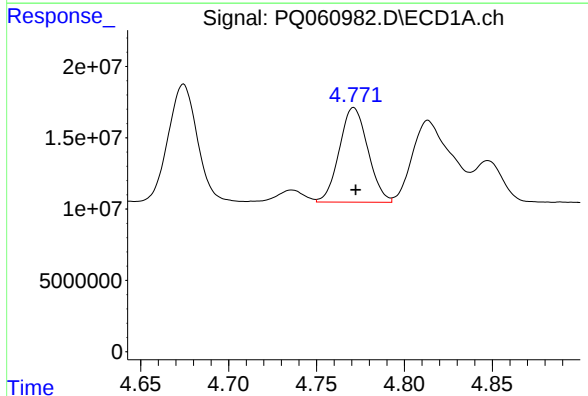
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 124853102
Conc: 644.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



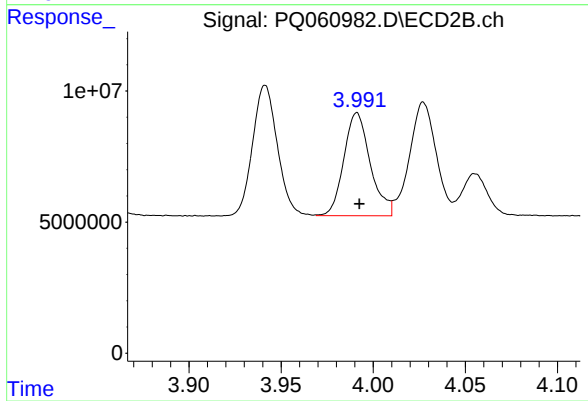
#21 AR-1248-1

R.T.: 3.766 min
Delta R.T.: -0.001 min
Response: 60508162
Conc: 643.72 ng/ml



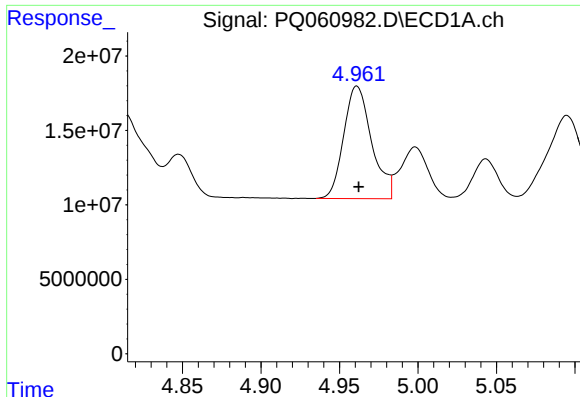
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 75005369
Conc: 294.42 ng/ml



#22 AR-1248-2

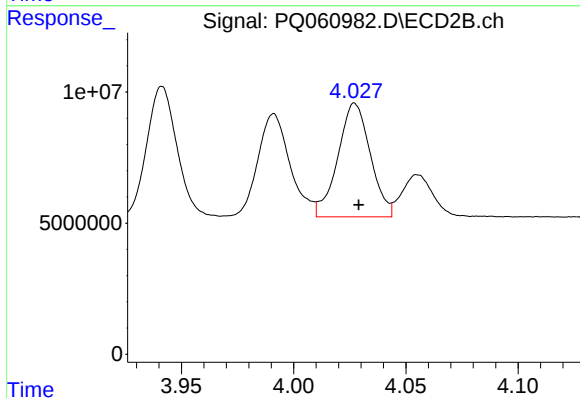
R.T.: 3.991 min
Delta R.T.: -0.001 min
Response: 39242312
Conc: 291.14 ng/ml



#23 AR-1248-3

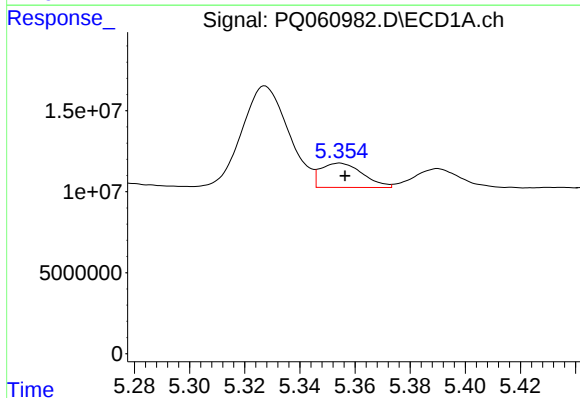
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 93806123
Conc: 305.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



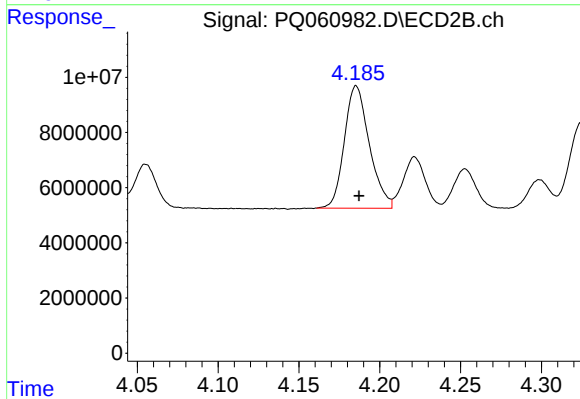
#23 AR-1248-3

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 43721127
Conc: 338.42 ng/ml



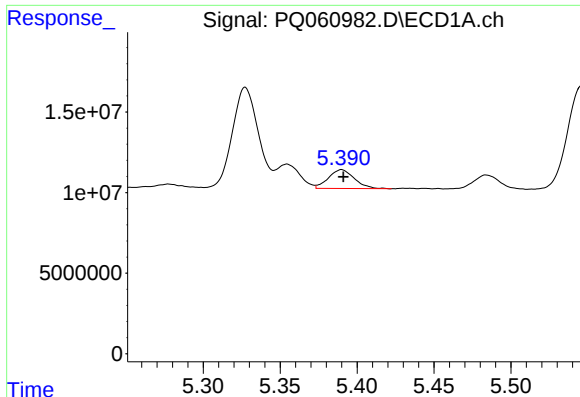
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.002 min
Response: 15898037
Conc: 45.23 ng/ml



#24 AR-1248-4

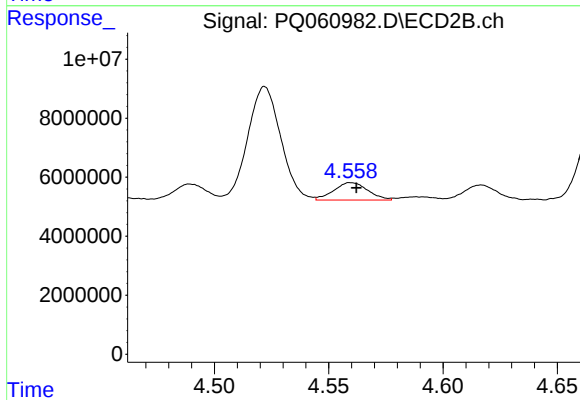
R.T.: 4.186 min
Delta R.T.: -0.002 min
Response: 47667182
Conc: 300.94 ng/ml



#25 AR-1248-5

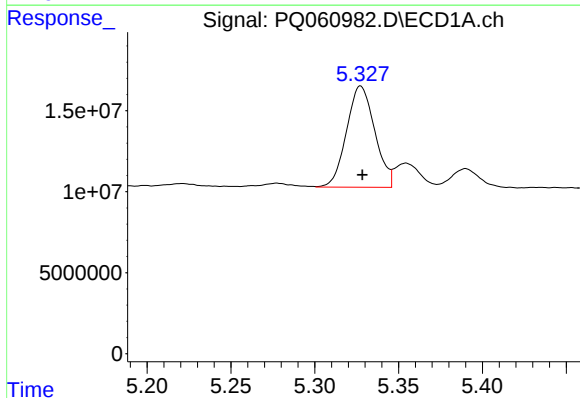
R.T.: 5.390 min
Delta R.T.: -0.001 min
Response: 13718584
Conc: 39.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



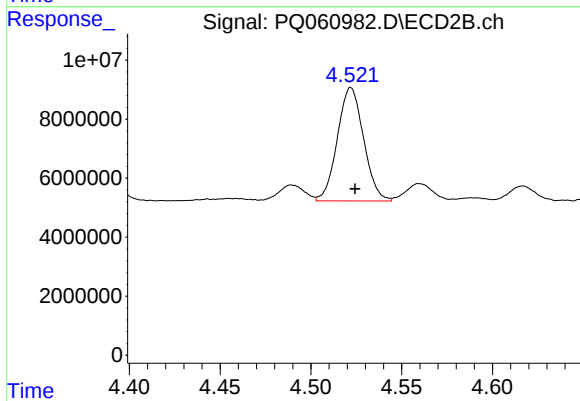
#25 AR-1248-5

R.T.: 4.560 min
Delta R.T.: -0.002 min
Response: 6139115
Conc: 37.74 ng/ml



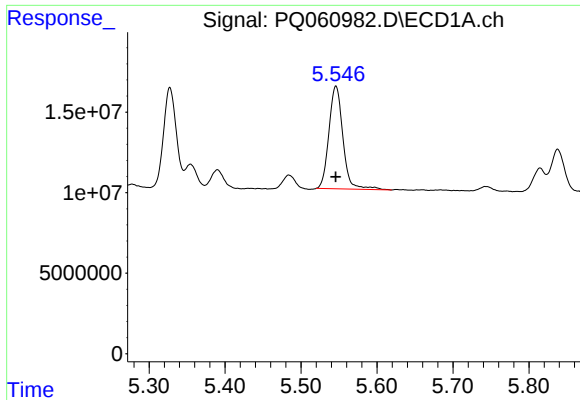
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 73333324
Conc: 216.77 ng/ml



#26 AR-1254-1

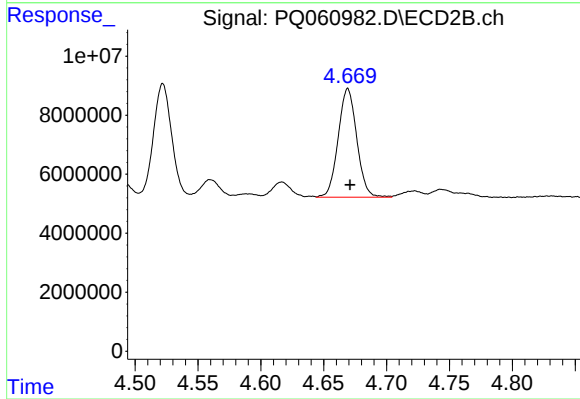
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 38689077
Conc: 163.53 ng/ml



#27 AR-1254-2

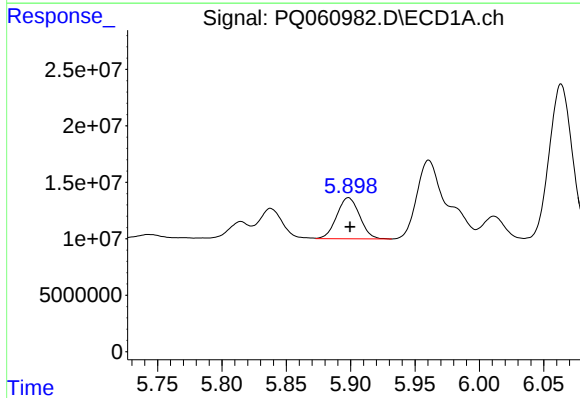
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 81861312
Conc: 160.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



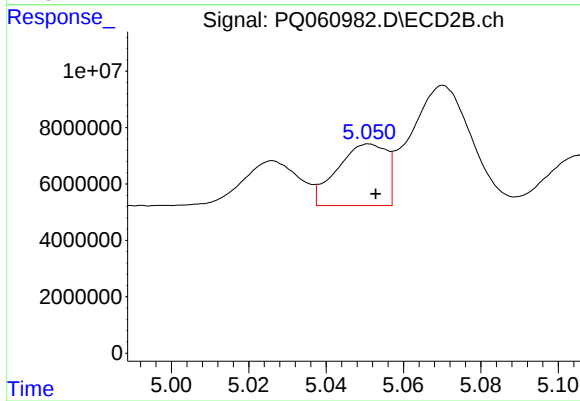
#27 AR-1254-2

R.T.: 4.669 min
Delta R.T.: -0.002 min
Response: 37952971
Conc: 183.44 ng/ml



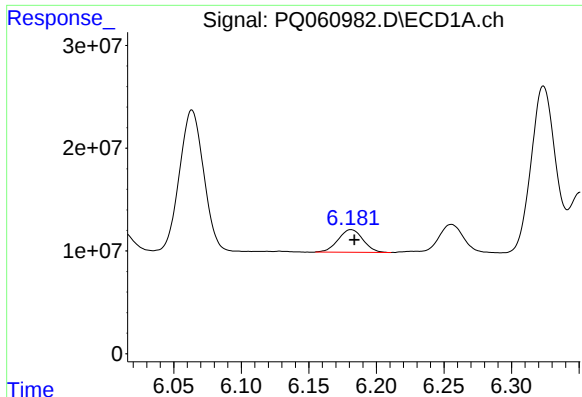
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 44961791
Conc: 81.72 ng/ml



#28 AR-1254-3

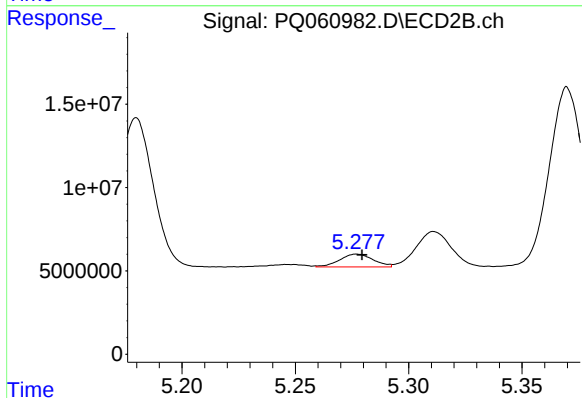
R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 19322619
Conc: 61.10 ng/ml



#29 AR-1254-4

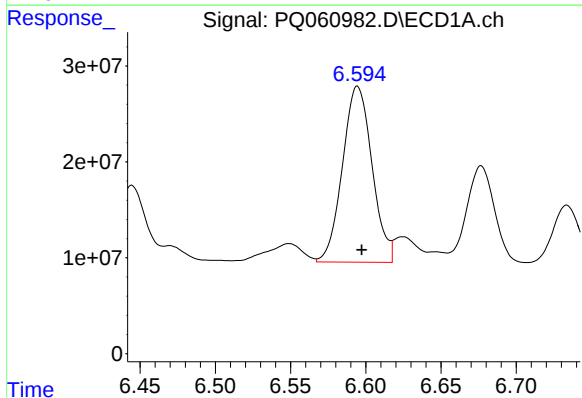
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 28069909
Conc: 68.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



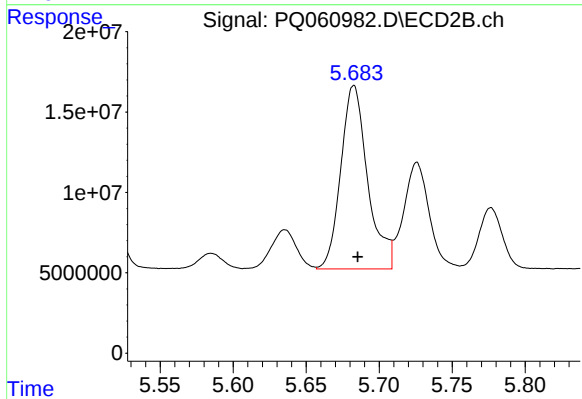
#29 AR-1254-4

R.T.: 5.277 min
Delta R.T.: -0.002 min
Response: 7941169
Conc: 37.48 ng/ml



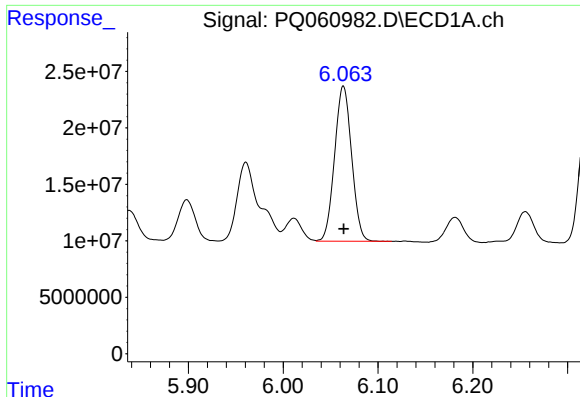
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 250857263
Conc: 555.54 ng/ml



#30 AR-1254-5

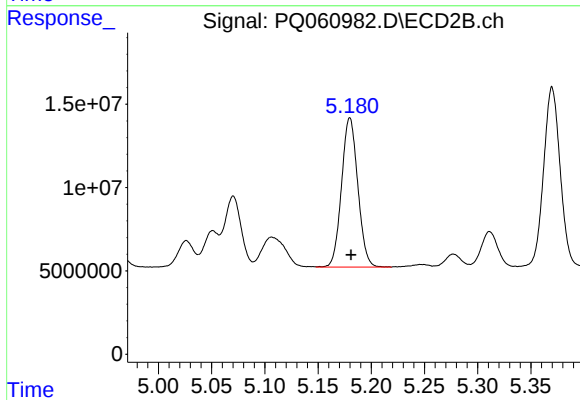
R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 146455306
Conc: 480.87 ng/ml



#31 AR-1260-1

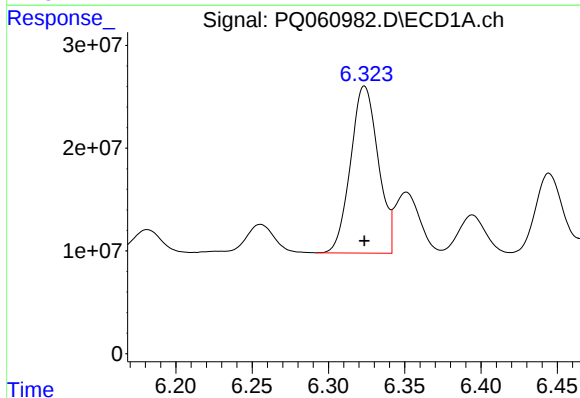
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 171607598
Conc: 413.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



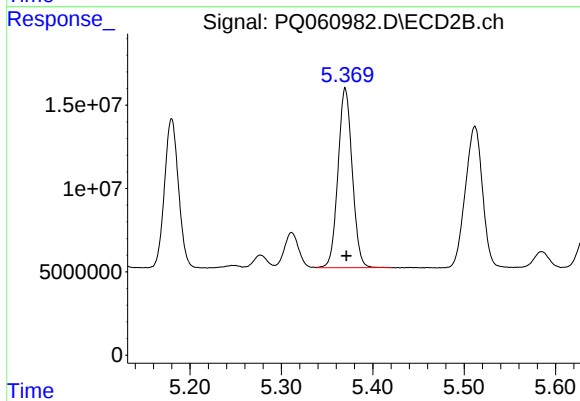
#31 AR-1260-1

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 95272442
Conc: 417.83 ng/ml



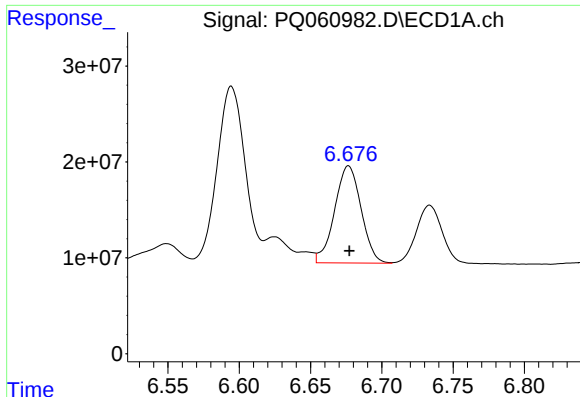
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 204731101
Conc: 409.41 ng/ml



#32 AR-1260-2

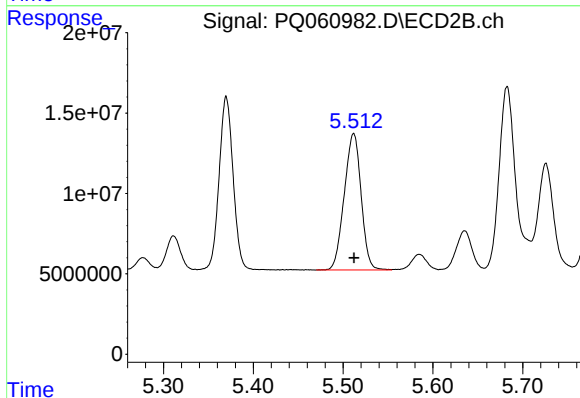
R.T.: 5.370 min
Delta R.T.: -0.001 min
Response: 116703774
Conc: 416.06 ng/ml



#33 AR-1260-3

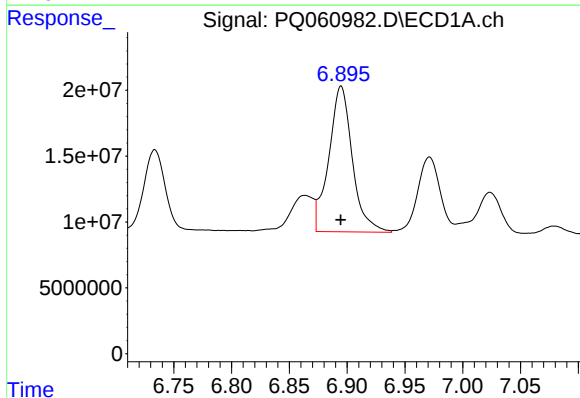
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 131143440
Conc: 353.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



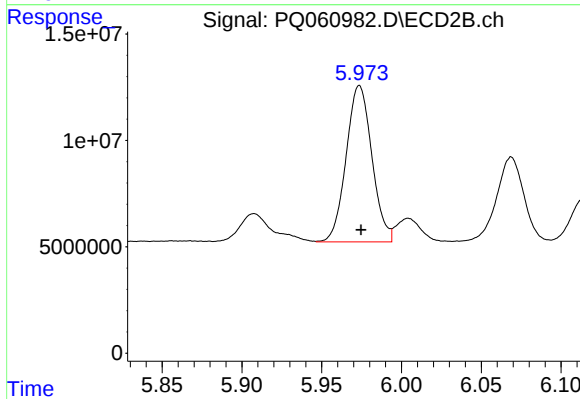
#33 AR-1260-3

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 110791263
Conc: 417.35 ng/ml



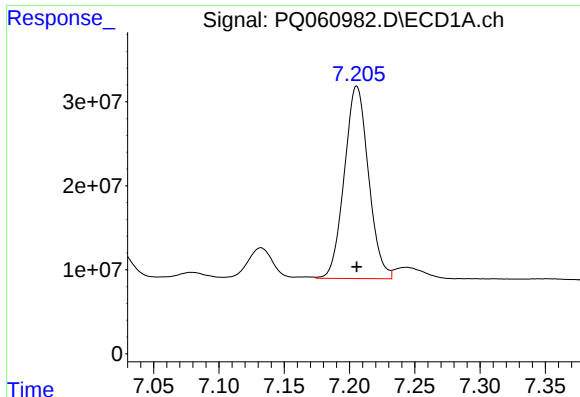
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 156748211
Conc: 375.95 ng/ml



#34 AR-1260-4

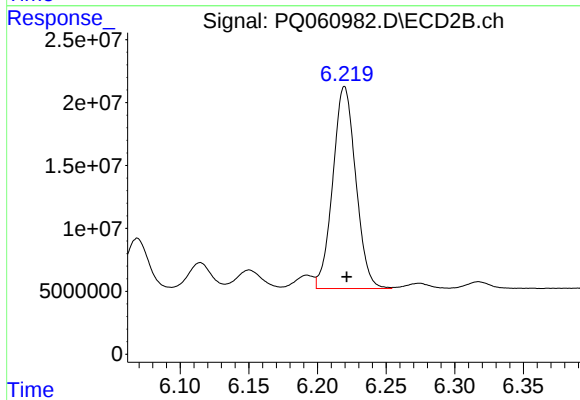
R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 82499381
Conc: 368.70 ng/ml



#35 AR-1260-5

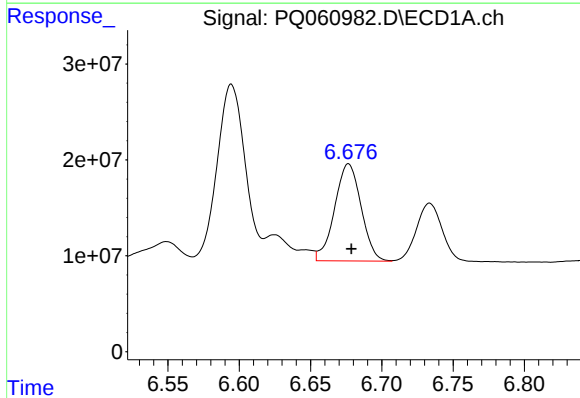
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 295506475
Conc: 368.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



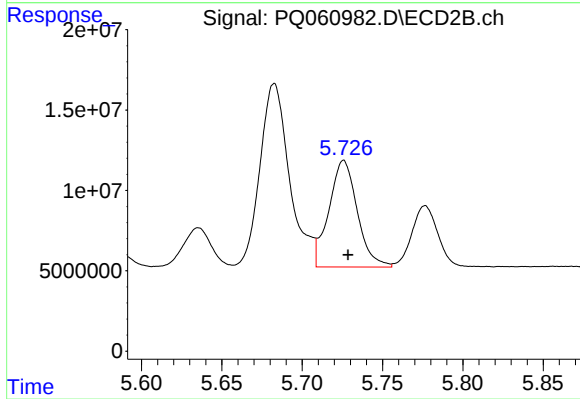
#35 AR-1260-5

R.T.: 6.220 min
Delta R.T.: -0.002 min
Response: 186649612
Conc: 369.70 ng/ml



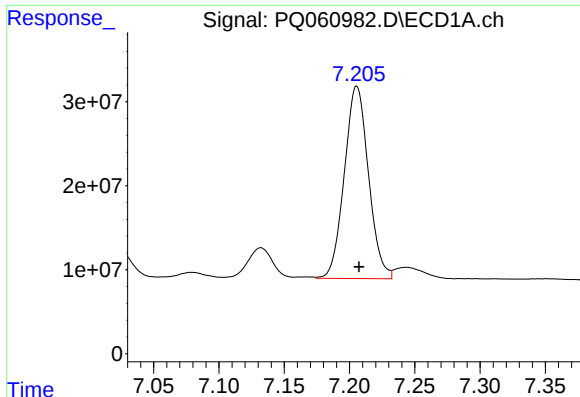
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 131143440
Conc: 247.27 ng/ml



#36 AR-1262-1

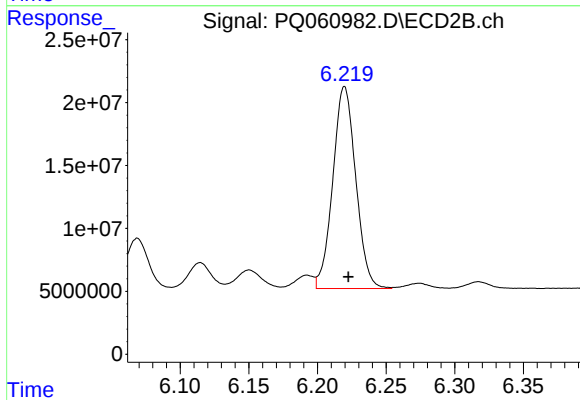
R.T.: 5.726 min
Delta R.T.: -0.003 min
Response: 81586189
Conc: 258.22 ng/ml



#37 AR-1262-2

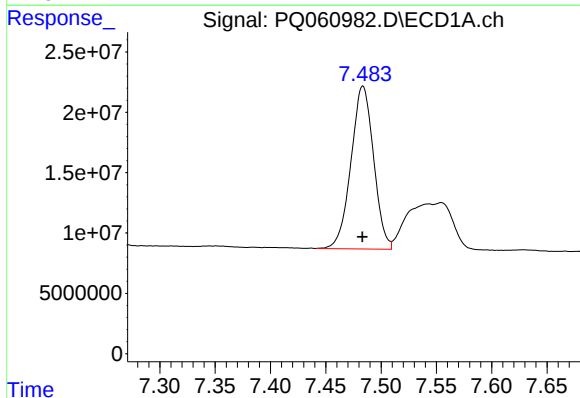
R.T.: 7.206 min
Delta R.T.: -0.002 min
Response: 295506475
Conc: 328.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



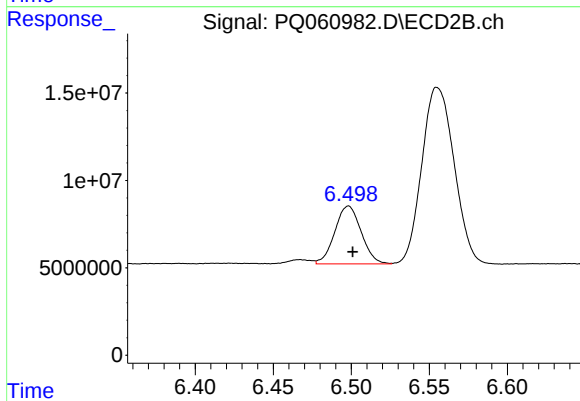
#37 AR-1262-2

R.T.: 6.220 min
Delta R.T.: -0.003 min
Response: 186649612
Conc: 323.05 ng/ml



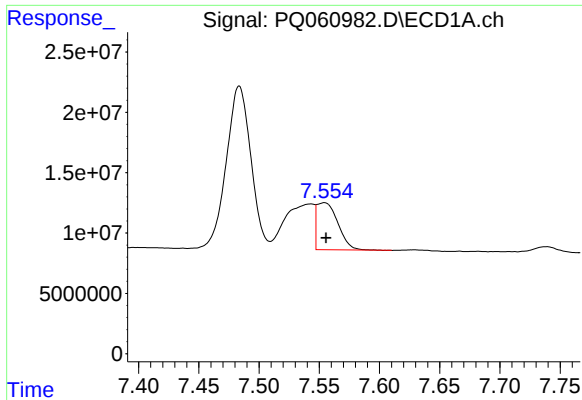
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 191856122
Conc: 317.62 ng/ml



#38 AR-1262-3

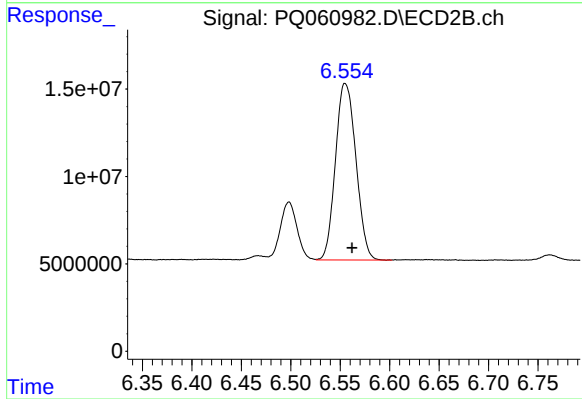
R.T.: 6.498 min
Delta R.T.: -0.003 min
Response: 38969743
Conc: 162.16 ng/ml



#39 AR-1262-4

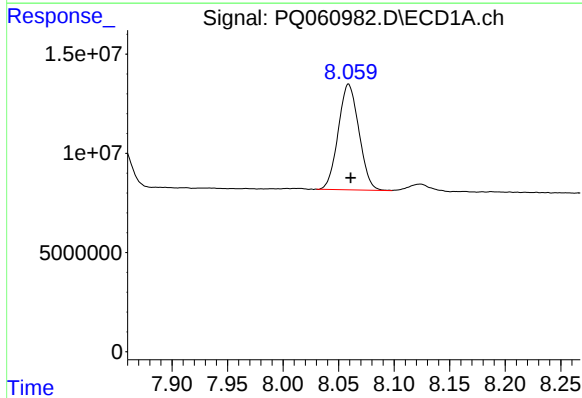
R.T.: 7.554 min
Delta R.T.: -0.001 min
Response: 47317047
Conc: 100.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



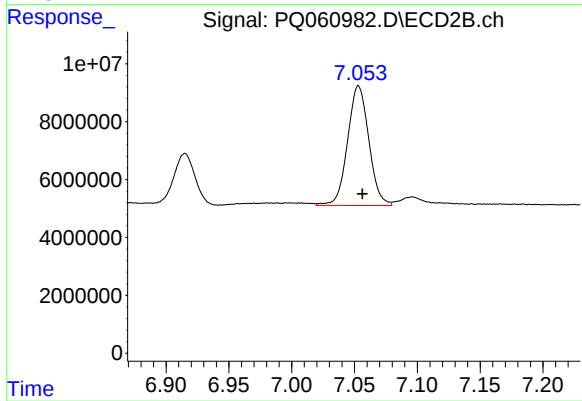
#39 AR-1262-4

R.T.: 6.555 min
Delta R.T.: -0.007 min
Response: 145595184
Conc: 332.73 ng/ml



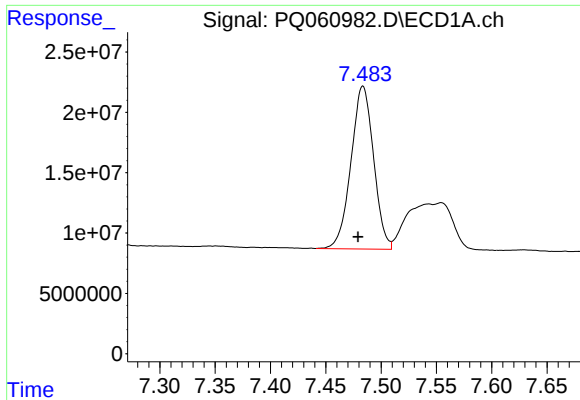
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 68912642
Conc: 224.47 ng/ml



#40 AR-1262-5

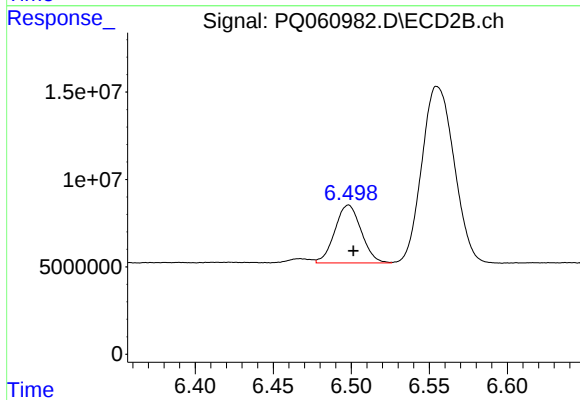
R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 48728688
Conc: 228.96 ng/ml



#41 AR-1268-1

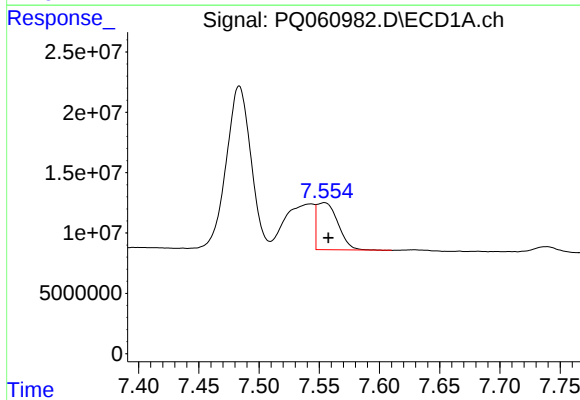
R.T.: 7.484 min
Delta R.T.: 0.004 min
Response: 191856122
Conc: 238.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



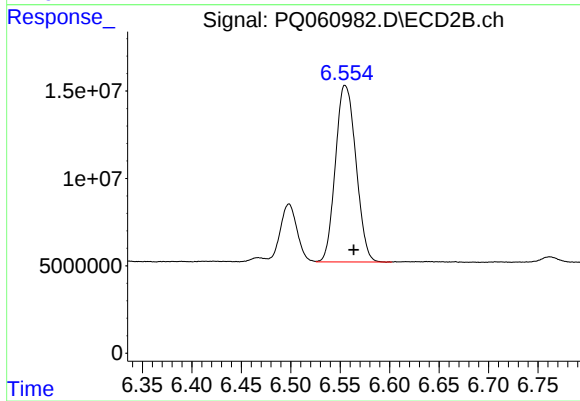
#41 AR-1268-1

R.T.: 6.498 min
Delta R.T.: -0.003 min
Response: 38969743
Conc: 72.09 ng/ml



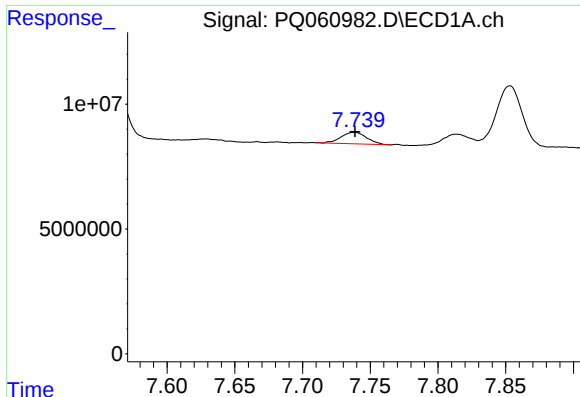
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.003 min
Response: 47317047
Conc: 64.52 ng/ml



#42 AR-1268-2

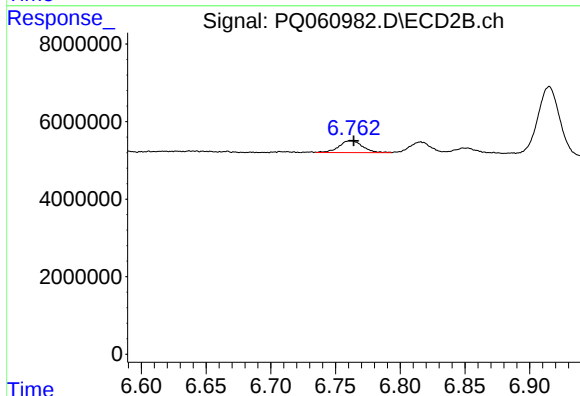
R.T.: 6.555 min
Delta R.T.: -0.009 min
Response: 145595184
Conc: 296.85 ng/ml



#43 AR-1268-3

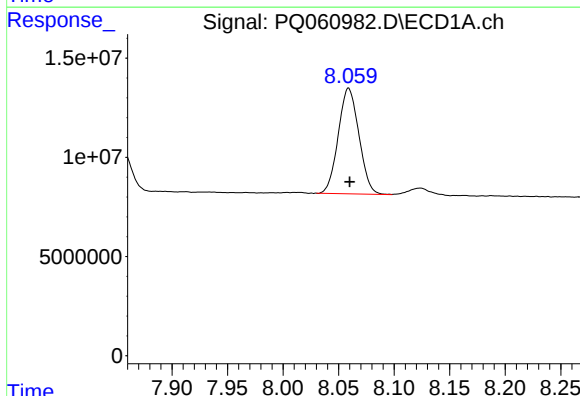
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 6098116
Conc: 10.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



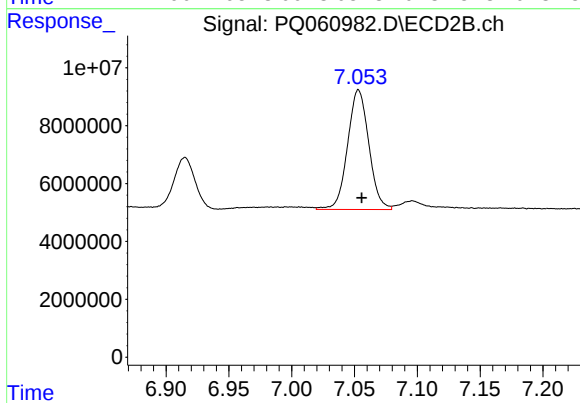
#43 AR-1268-3

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 3865926
Conc: 9.13 ng/ml



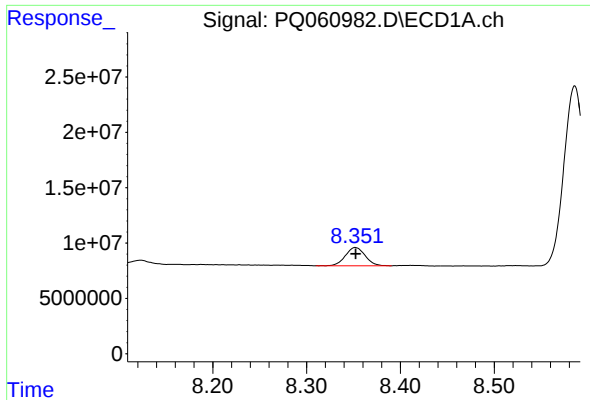
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: -0.001 min
Response: 68912642
Conc: 256.23 ng/ml



#44 AR-1268-4

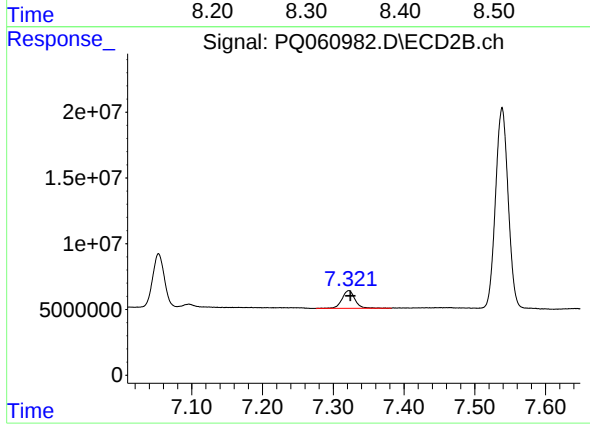
R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 48728688
Conc: 255.09 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.000 min
Response: 24131450
Conc: 13.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.322 min
Delta R.T.: -0.002 min
Response: 17140317
Conc: 12.68 ng/ml