

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080720\
 Data File : PQ049098.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2020 14:08
 Operator : DD\AJ
 Sample : L3597-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 00:26:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 07 07:58:16 2020
 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...	5.258	4.286	132.4E6	74327121	21.508	20.972
2)	SA Decachlor...	11.495	9.646	328.5E6	163.8E6	34.966	35.242
Target Compounds							
3)	L1 AR-1016-1	6.590	5.548	161.7E6	91823944	627.557	594.847
4)	L1 AR-1016-2	6.615	5.569	284.3E6	165.9E6	796.770	794.039
5)	L1 AR-1016-3	6.683	5.761	63336774	58236800	291.660	563.116 #
6)	L1 AR-1016-4	6.790	5.812	102.0E6	66567451	571.668	820.132 #
7)	L1 AR-1016-5	7.104	6.043	134.7E6	78835628	729.979	688.101
8)	L2 AR-1221-1	5.514	4.545	8616151	5987280	115.232	131.315
9)	L2 AR-1221-2	5.612	4.644	14789883	8798522	257.466	274.182
10)	L2 AR-1221-3	5.701	4.733	45118175	25115596	241.131	229.807
11)	L3 AR-1232-1	5.701	4.733	45118175	25115596	299.488	288.557
12)	L3 AR-1232-2	6.294	5.569	66724854	165.9E6	853.112	1694.990 #
13)	L3 AR-1232-3	6.615	5.761	284.3E6	58236800	1692.434	1209.834 #
14)	L3 AR-1232-4	6.790	5.857	102.0E6	74200006	1206.019	1715.239 #
15)	L3 AR-1232-5	6.883	6.043	120.2E6	78835628	1910.282	1585.585
16)	L4 AR-1242-1	6.590	5.548	161.7E6	91823944	688.356	660.809
17)	L4 AR-1242-2	6.615	5.569	284.3E6	165.9E6	885.957	883.027
18)	L4 AR-1242-3	6.683	5.761	63336774	58236800	318.368	606.087 #
19)	L4 AR-1242-4	6.790	5.857	102.0E6	74200006	611.549	782.107 #
20)	L4 AR-1242-5	7.574	6.422	180.9E6	111.2E6	888.910	799.274
21)	L5 AR-1248-1	6.590	5.548	161.7E6	91823944	962.873	905.486
22)	L5 AR-1248-2	6.883	5.812	120.2E6	66567451	533.440	533.301
23)	L5 AR-1248-3	7.104	5.857	134.7E6	74200006	527.436	575.820
24)	L5 AR-1248-4	7.534	6.043	157.2E6	78835628	492.061	493.129
25)	L5 AR-1248-5	7.574	6.466	180.9E6	99514065	598.331	575.626
26)	L6 AR-1254-1	7.503	6.422	129.9E6	111.2E6	403.050	408.631
27)	L6 AR-1254-2	7.741	6.581	151.3E6	31315544	298.813	128.366 #
28)	L6 AR-1254-3	8.117	7.003	82349184	56814039	154.018	140.881
29)	L6 AR-1254-4	8.414	7.241	58285402	31574098	124.461	117.062
30)	L6 AR-1254-5	8.843	7.671	31421656	18919197	65.497	51.360
31)	L7 AR-1260-1	8.282	7.146	21172021	31163548	57.883	136.643 #
32)	L7 AR-1260-2	8.547	7.335	27180161	12471584	54.660	43.104
33)	L7 AR-1260-3	8.915	7.491	15106792	11558557	35.927	44.688
34)	L7 AR-1260-4	9.161	7.977	15012886	7214428	36.012	31.642
35)	L7 AR-1260-5	9.513	8.221	29659782	17517007	28.952	29.473
36)	L8 AR-1262-1	8.915	7.671	15106792	18919197	21.008	90.634 #
37)	L8 AR-1262-2	9.513	8.221	29659782	17517007	21.842	22.149
38)	L8 AR-1262-3	9.848	8.510	6740193	4671522	10.427	14.492 #
39)	L8 AR-1262-4	9.934	8.573	10817794	12957426	14.724	21.986 #
40)	L8 AR-1262-5	10.678	9.078	8017112	4158369	14.534	14.769
41)	L9 AR-1268-1	9.848	8.510	6740193	4671522	3.916	5.054 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080720\
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 Acq On : 07 Aug 2020 14:08
 Operator : DD\AJ
 Sample : L3597-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

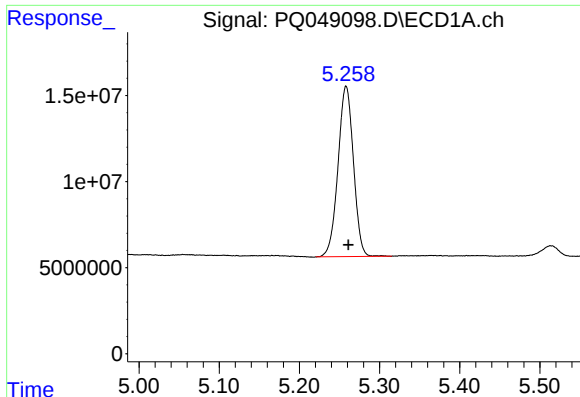
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 00:26:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
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 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	9.934	8.573	10817794	12957426	6.883	15.054 #
43) L9	AR-1268-3	10.198	8.786	5514207	4343884	3.990	6.033 #
44) L9	AR-1268-4	10.678	9.078	8017112	4158369	12.991	13.256
45) L9	AR-1268-5	11.128	9.380	7738676	2223874	1.796	0.968 #

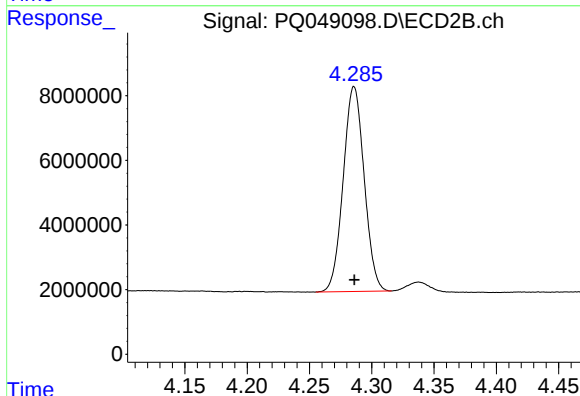
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

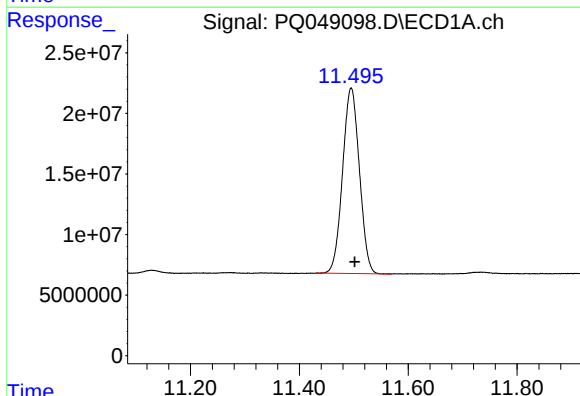
R.T.: 5.258 min
Delta R.T.: -0.003 min
Response: 132404505
Conc: 21.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



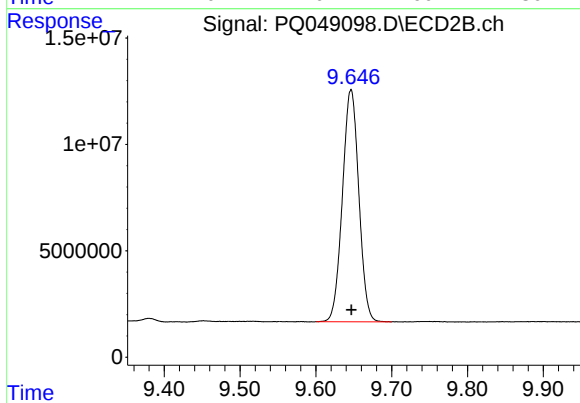
#1 Tetrachloro-m-xylene

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 74327121
Conc: 20.97 ng/ml



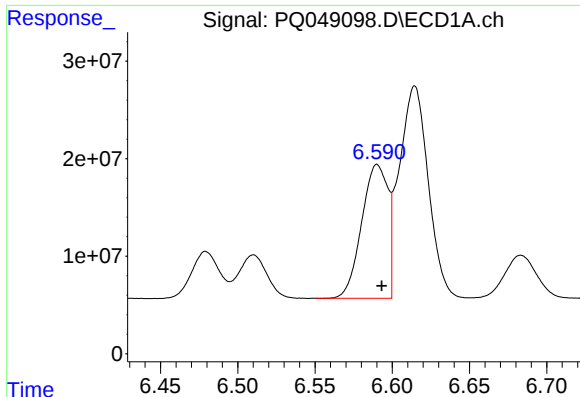
#2 Decachlorobiphenyl

R.T.: 11.495 min
Delta R.T.: -0.006 min
Response: 328454045
Conc: 34.97 ng/ml



#2 Decachlorobiphenyl

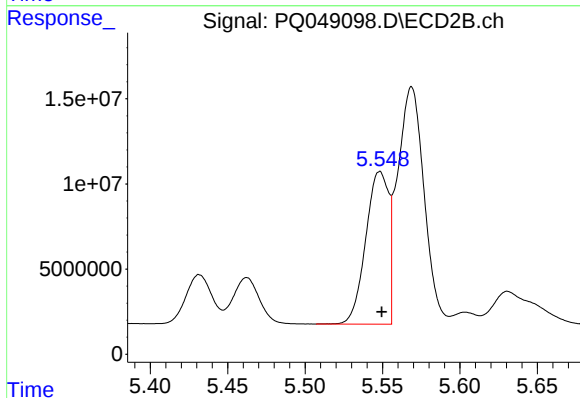
R.T.: 9.646 min
Delta R.T.: 0.000 min
Response: 163828209
Conc: 35.24 ng/ml



#3 AR-1016-1

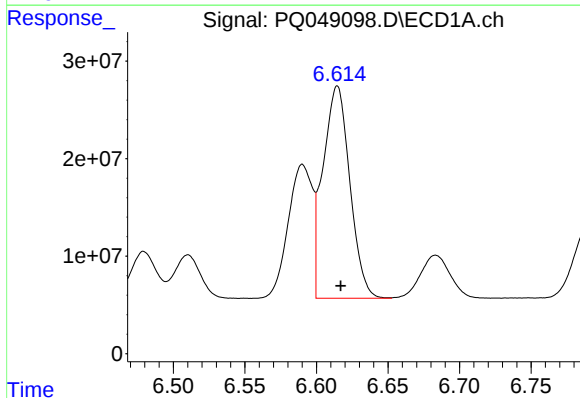
R.T.: 6.590 min
Delta R.T.: -0.003 min
Response: 161689147
Conc: 627.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



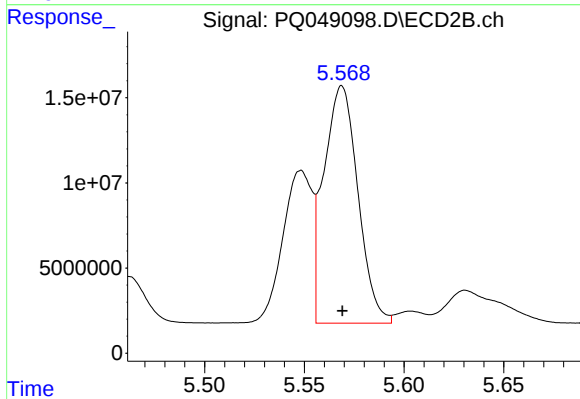
#3 AR-1016-1

R.T.: 5.548 min
Delta R.T.: -0.001 min
Response: 91823944
Conc: 594.85 ng/ml



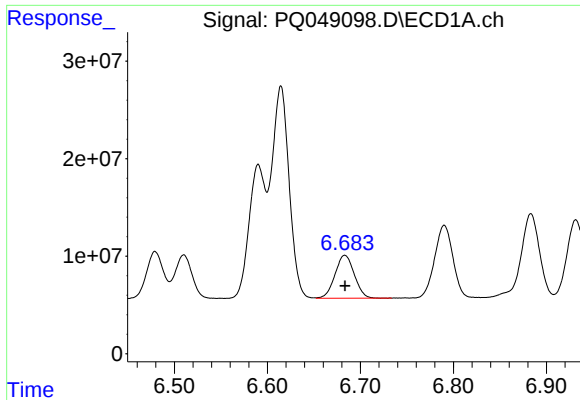
#4 AR-1016-2

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 284259269
Conc: 796.77 ng/ml



#4 AR-1016-2

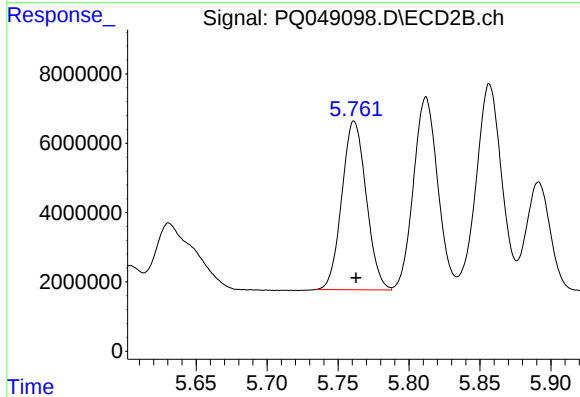
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 165899597
Conc: 794.04 ng/ml



#5 AR-1016-3

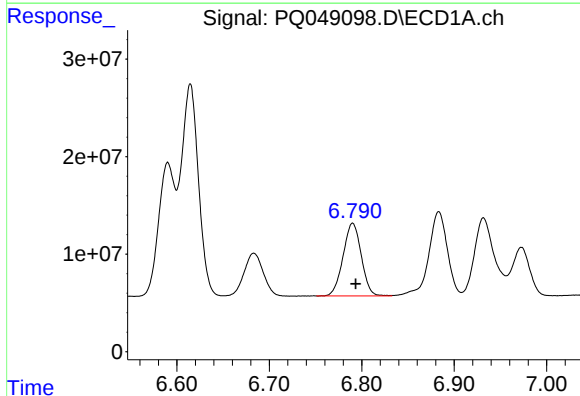
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 63336774
Conc: 291.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



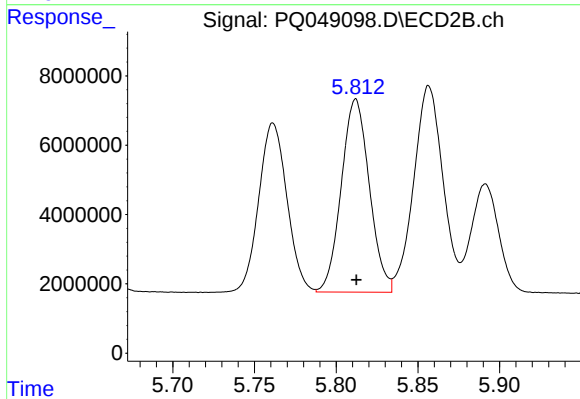
#5 AR-1016-3

R.T.: 5.761 min
Delta R.T.: -0.001 min
Response: 58236800
Conc: 563.12 ng/ml



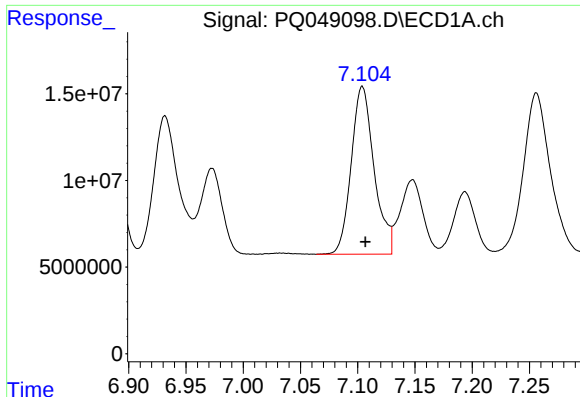
#6 AR-1016-4

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 102007804
Conc: 571.67 ng/ml



#6 AR-1016-4

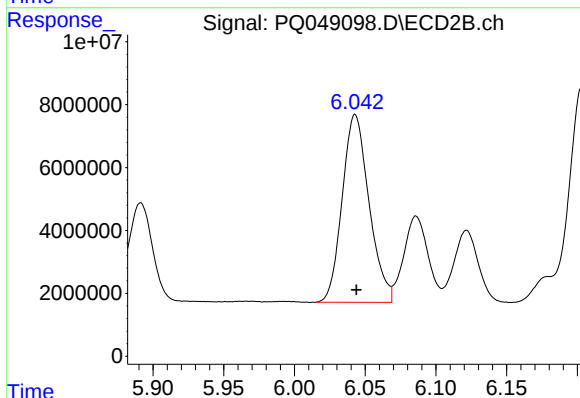
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 66567451
Conc: 820.13 ng/ml



#7 AR-1016-5

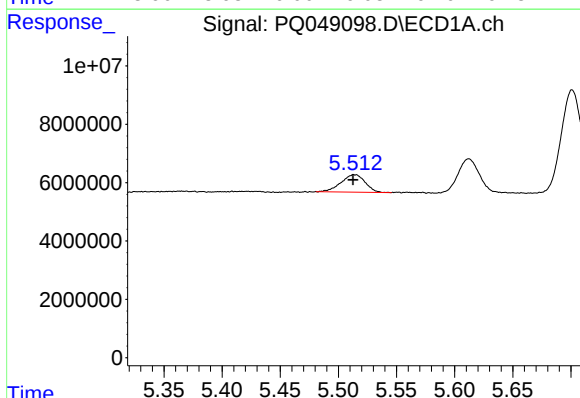
R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 134736449
Conc: 729.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



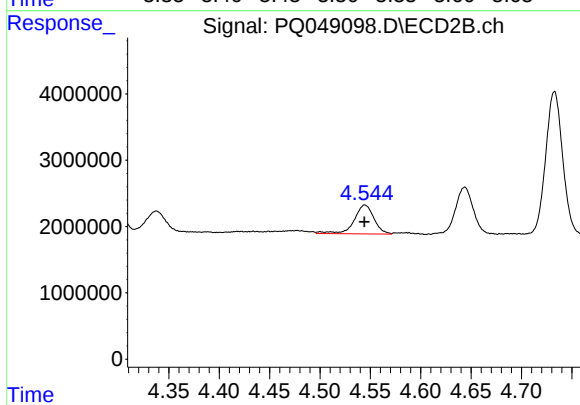
#7 AR-1016-5

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 78835628
Conc: 688.10 ng/ml



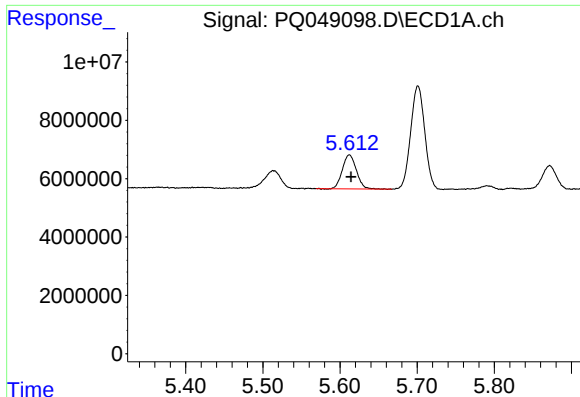
#8 AR-1221-1

R.T.: 5.514 min
Delta R.T.: 0.001 min
Response: 8616151
Conc: 115.23 ng/ml



#8 AR-1221-1

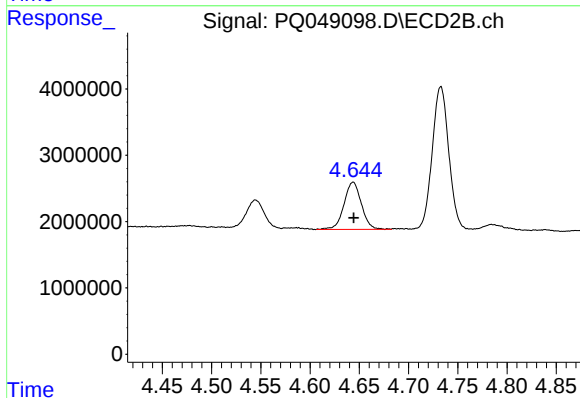
R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 5987280
Conc: 131.32 ng/ml



#9 AR-1221-2

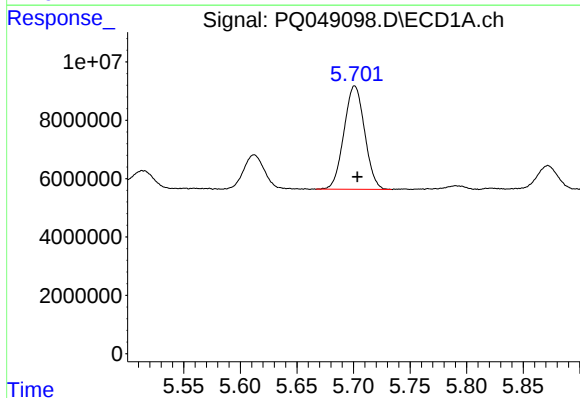
R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 14789883
Conc: 257.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



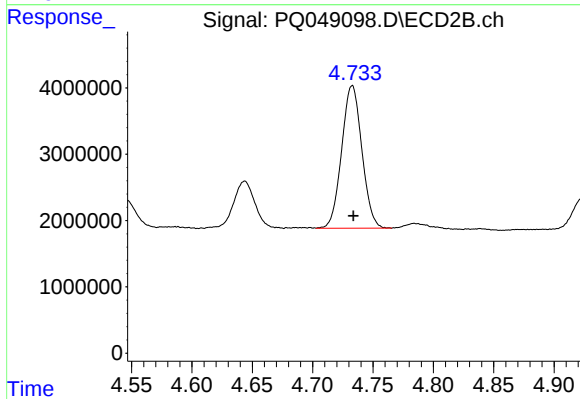
#9 AR-1221-2

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 8798522
Conc: 274.18 ng/ml



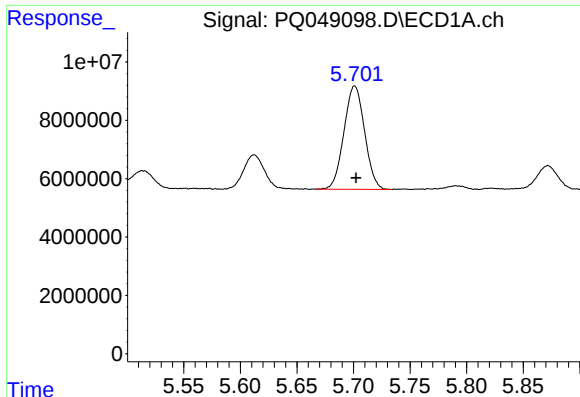
#10 AR-1221-3

R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 45118175
Conc: 241.13 ng/ml



#10 AR-1221-3

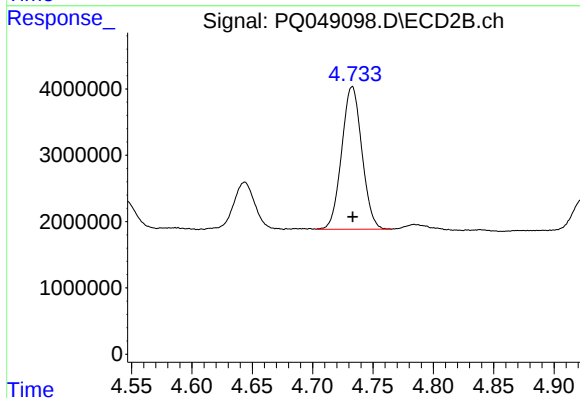
R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 25115596
Conc: 229.81 ng/ml



#11 AR-1232-1

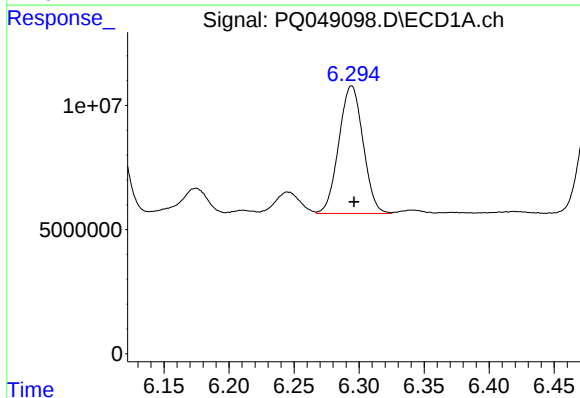
R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 45118175
Conc: 299.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



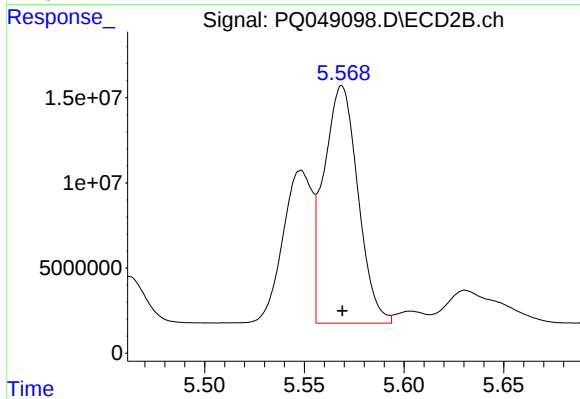
#11 AR-1232-1

R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 25115596
Conc: 288.56 ng/ml



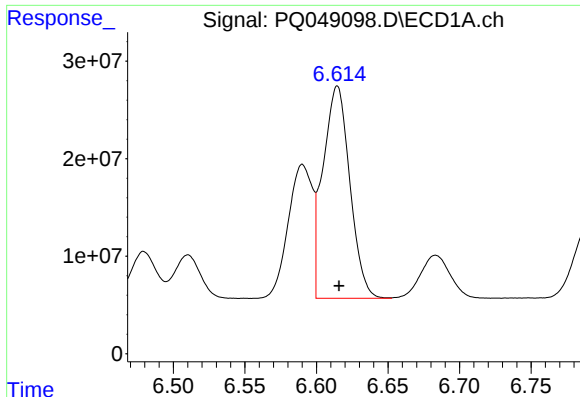
#12 AR-1232-2

R.T.: 6.294 min
Delta R.T.: -0.002 min
Response: 66724854
Conc: 853.11 ng/ml



#12 AR-1232-2

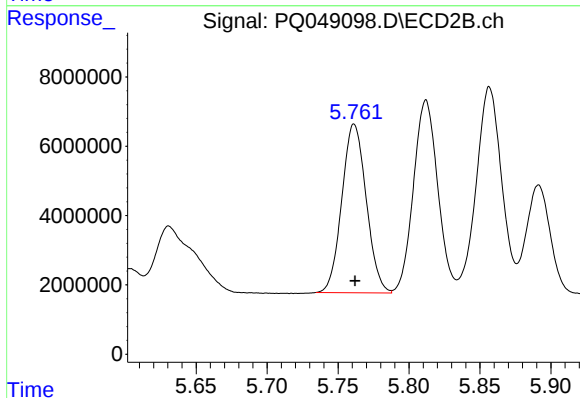
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 165899597
Conc: 1694.99 ng/ml



#13 AR-1232-3

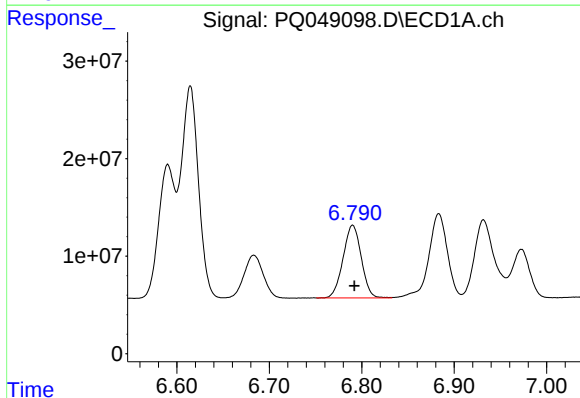
R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 284259269
Conc: 1692.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



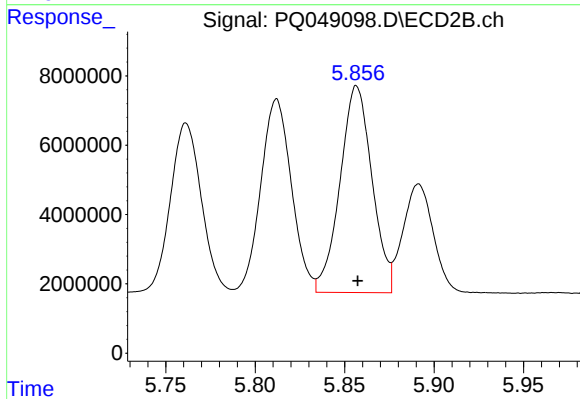
#13 AR-1232-3

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 58236800
Conc: 1209.83 ng/ml



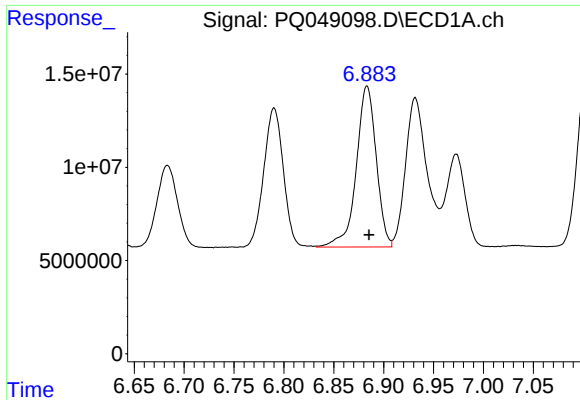
#14 AR-1232-4

R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 102007804
Conc: 1206.02 ng/ml



#14 AR-1232-4

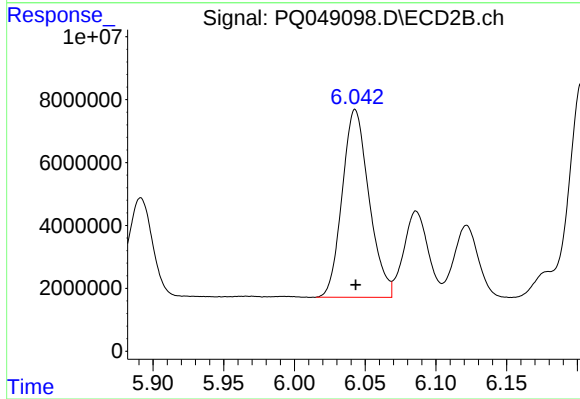
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 74200006
Conc: 1715.24 ng/ml



#15 AR-1232-5

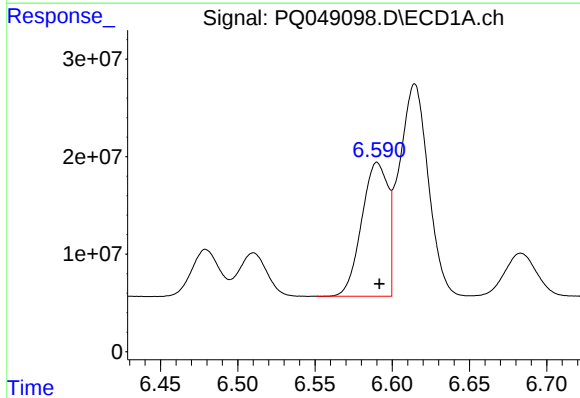
R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 120168332
Conc: 1910.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



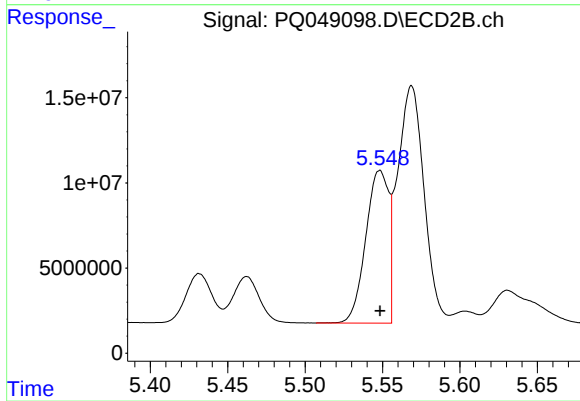
#15 AR-1232-5

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 78835628
Conc: 1585.59 ng/ml



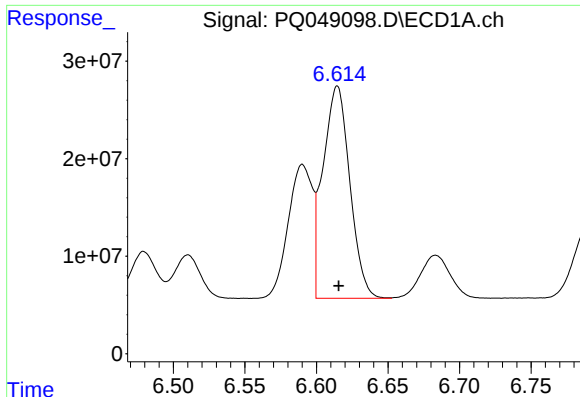
#16 AR-1242-1

R.T.: 6.590 min
Delta R.T.: -0.001 min
Response: 161689147
Conc: 688.36 ng/ml



#16 AR-1242-1

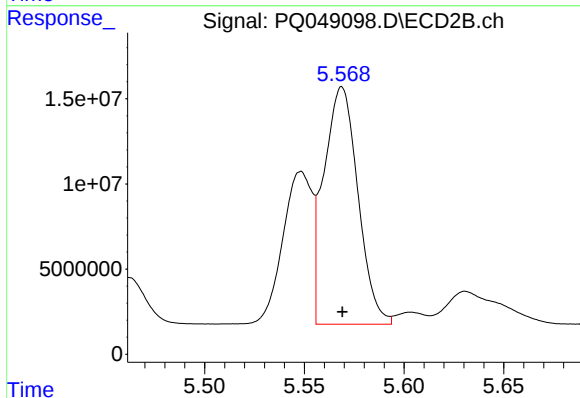
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 91823944
Conc: 660.81 ng/ml



#17 AR-1242-2

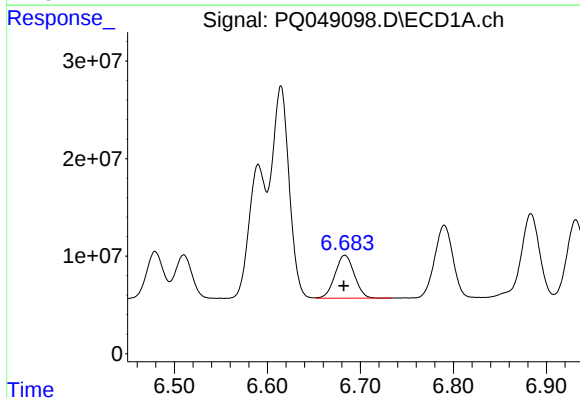
R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 284259269
Conc: 885.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



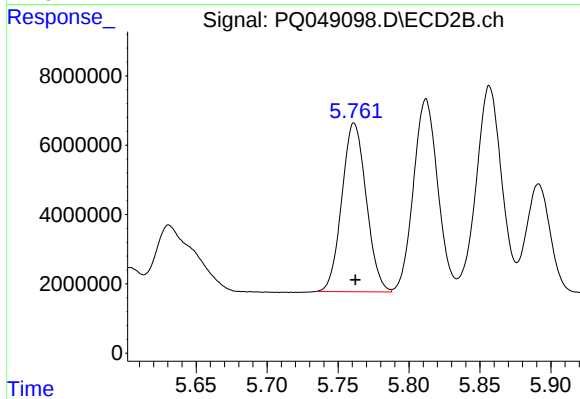
#17 AR-1242-2

R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 165899597
Conc: 883.03 ng/ml



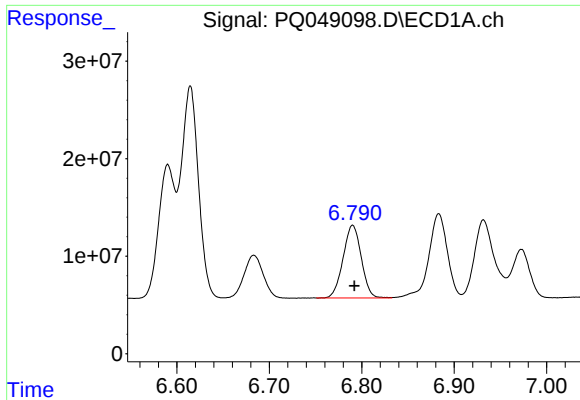
#18 AR-1242-3

R.T.: 6.683 min
Delta R.T.: 0.001 min
Response: 63336774
Conc: 318.37 ng/ml



#18 AR-1242-3

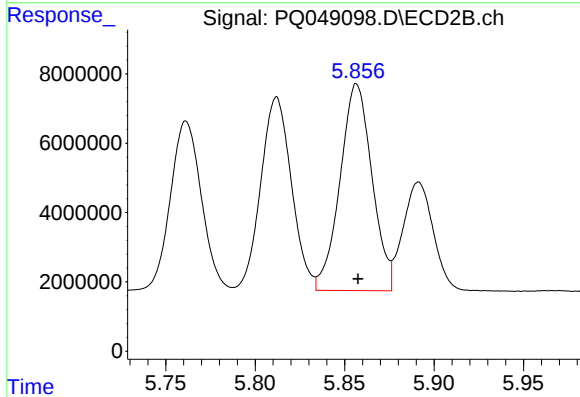
R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 58236800
Conc: 606.09 ng/ml



#19 AR-1242-4

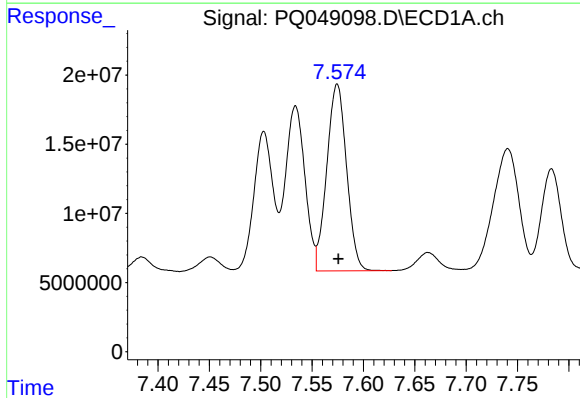
R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 102007804
Conc: 611.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



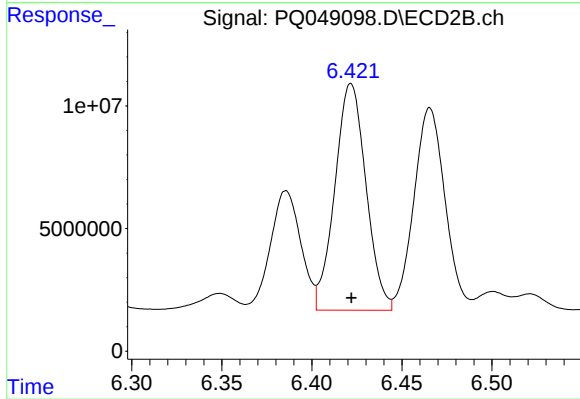
#19 AR-1242-4

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 74200006
Conc: 782.11 ng/ml



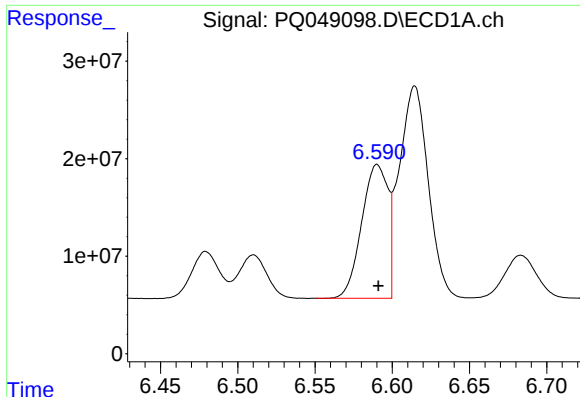
#20 AR-1242-5

R.T.: 7.574 min
Delta R.T.: -0.001 min
Response: 180941038
Conc: 888.91 ng/ml



#20 AR-1242-5

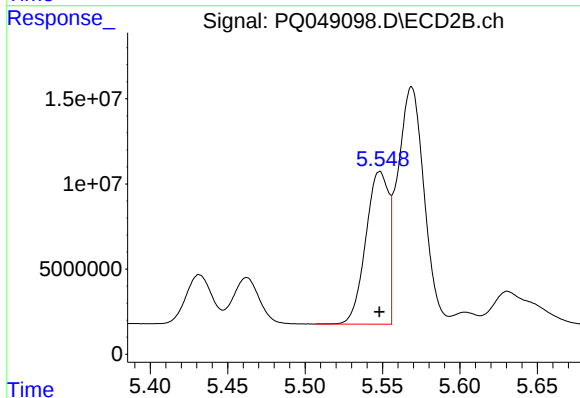
R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 111156506
Conc: 799.27 ng/ml



#21 AR-1248-1

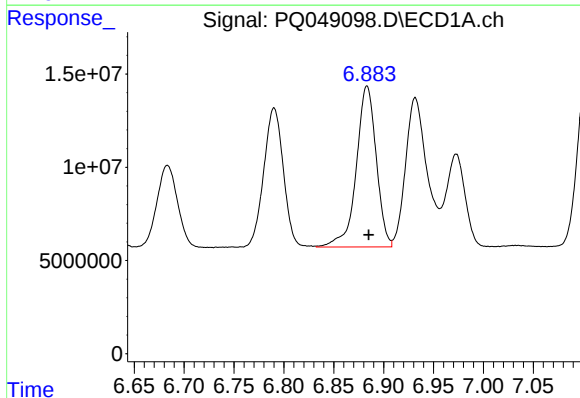
R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 161689147
Conc: 962.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



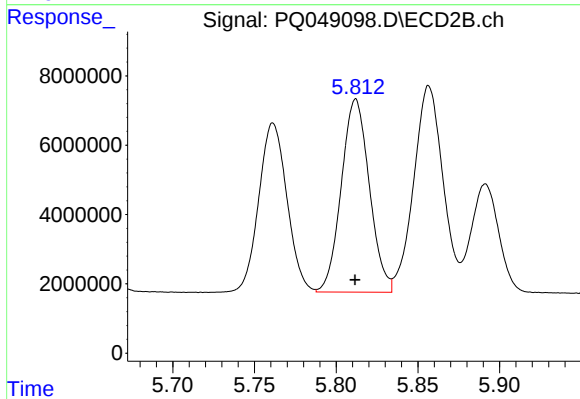
#21 AR-1248-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 91823944
Conc: 905.49 ng/ml



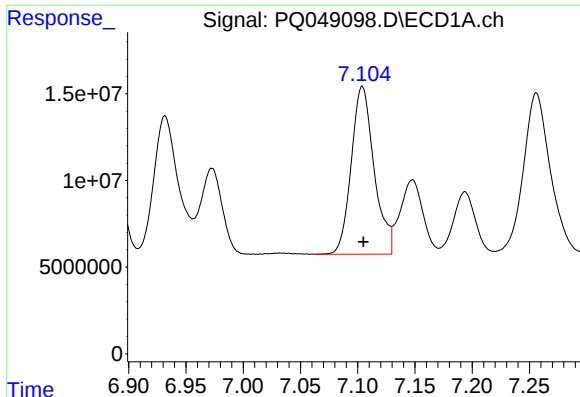
#22 AR-1248-2

R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 120168332
Conc: 533.44 ng/ml



#22 AR-1248-2

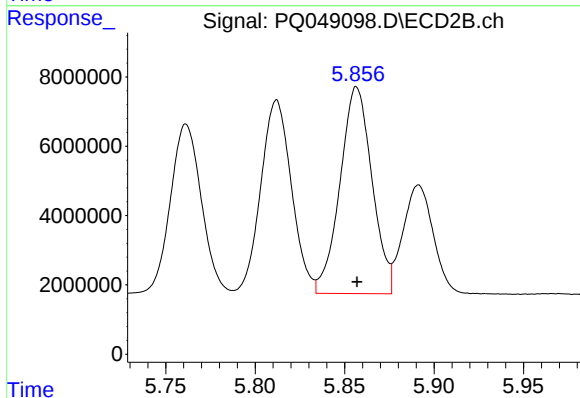
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 66567451
Conc: 533.30 ng/ml



#23 AR-1248-3

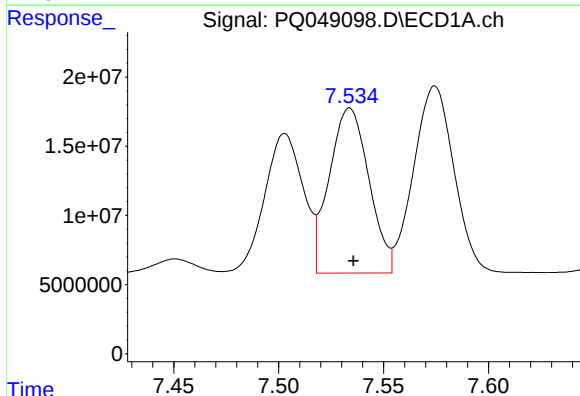
R.T.: 7.104 min
Delta R.T.: -0.001 min
Response: 134736449
Conc: 527.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



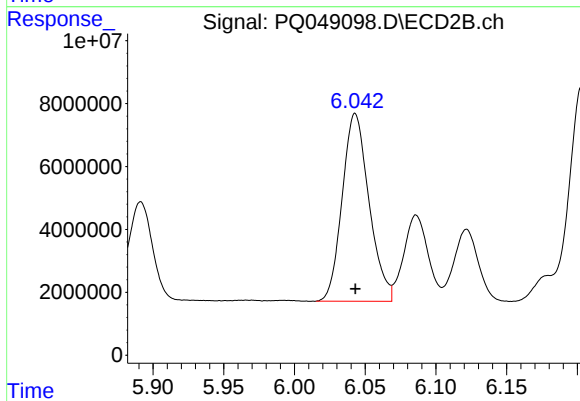
#23 AR-1248-3

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 74200006
Conc: 575.82 ng/ml



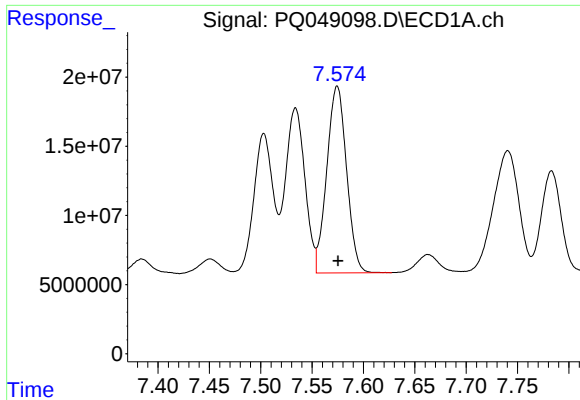
#24 AR-1248-4

R.T.: 7.534 min
Delta R.T.: -0.002 min
Response: 157163182
Conc: 492.06 ng/ml



#24 AR-1248-4

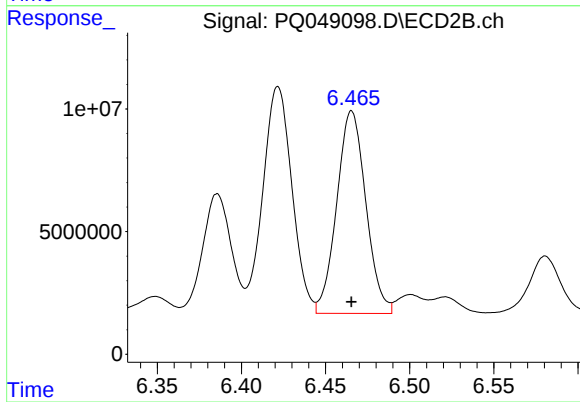
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 78835628
Conc: 493.13 ng/ml



#25 AR-1248-5

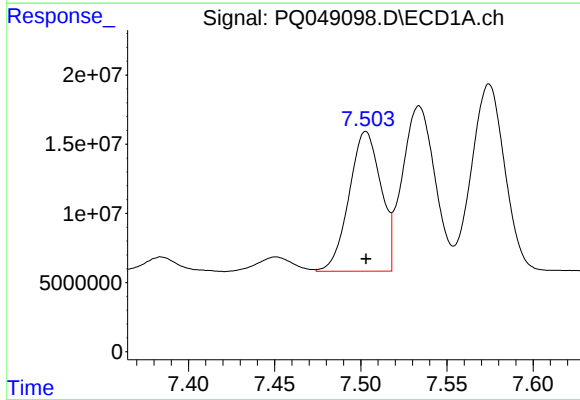
R.T.: 7.574 min
Delta R.T.: 0.000 min
Response: 180941038
Conc: 598.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



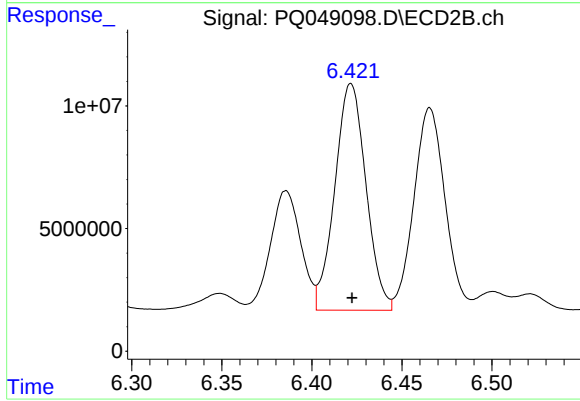
#25 AR-1248-5

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 99514065
Conc: 575.63 ng/ml



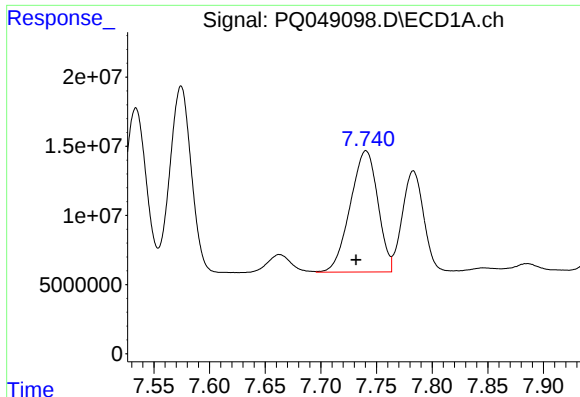
#26 AR-1254-1

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 129913440
Conc: 403.05 ng/ml



#26 AR-1254-1

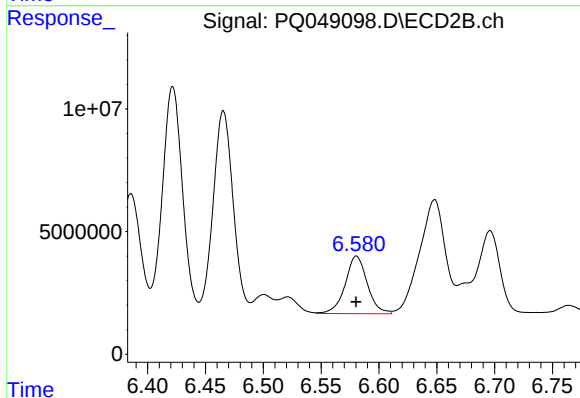
R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 111156506
Conc: 408.63 ng/ml



#27 AR-1254-2

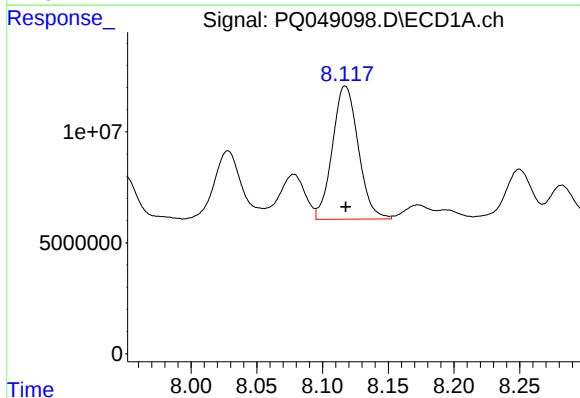
R.T.: 7.741 min
Delta R.T.: 0.009 min
Response: 151315282
Conc: 298.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



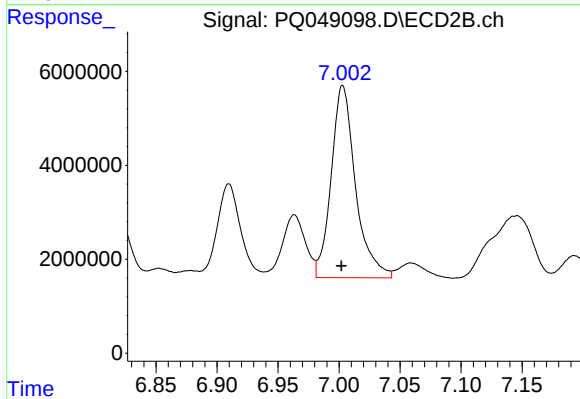
#27 AR-1254-2

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 31315544
Conc: 128.37 ng/ml



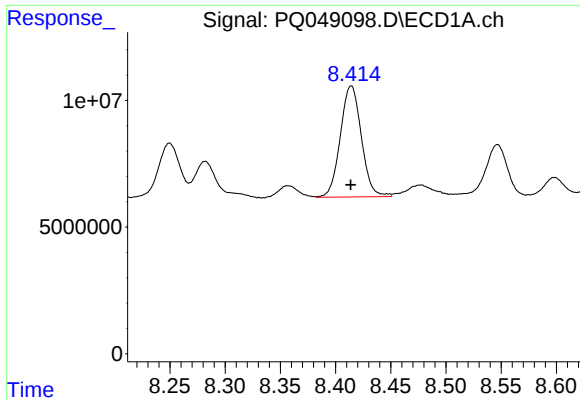
#28 AR-1254-3

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 82349184
Conc: 154.02 ng/ml



#28 AR-1254-3

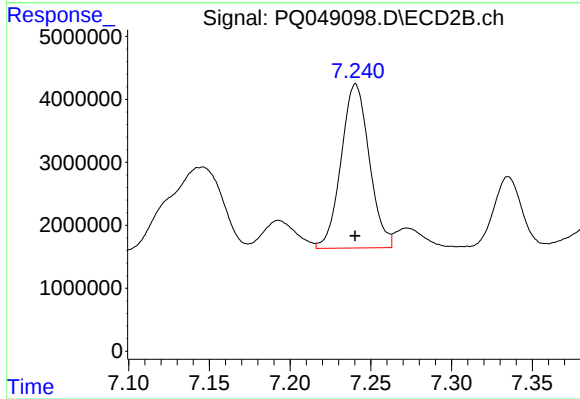
R.T.: 7.003 min
Delta R.T.: 0.001 min
Response: 56814039
Conc: 140.88 ng/ml



#29 AR-1254-4

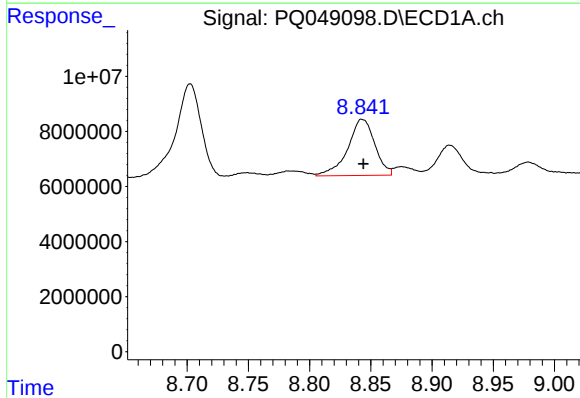
R.T.: 8.414 min
Delta R.T.: 0.000 min
Response: 58285402
Conc: 124.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



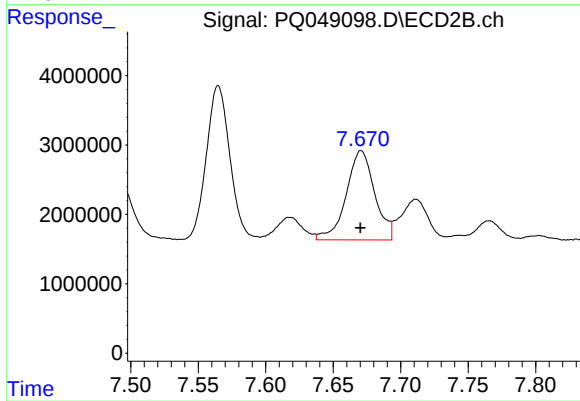
#29 AR-1254-4

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 31574098
Conc: 117.06 ng/ml



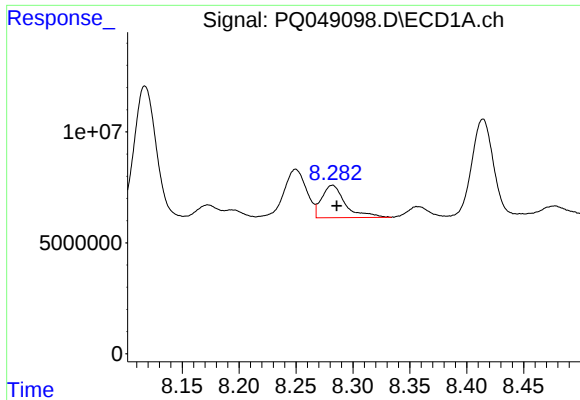
#30 AR-1254-5

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 31421656
Conc: 65.50 ng/ml



#30 AR-1254-5

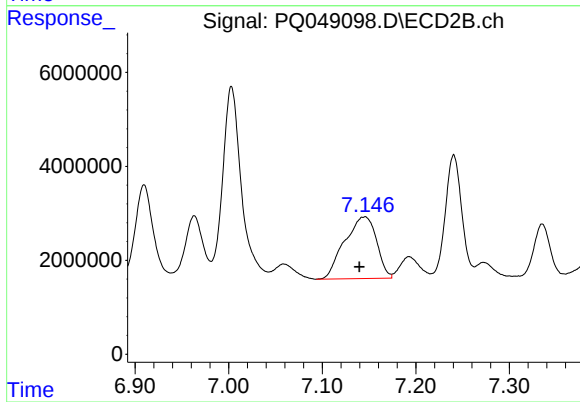
R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 18919197
Conc: 51.36 ng/ml



#31 AR-1260-1

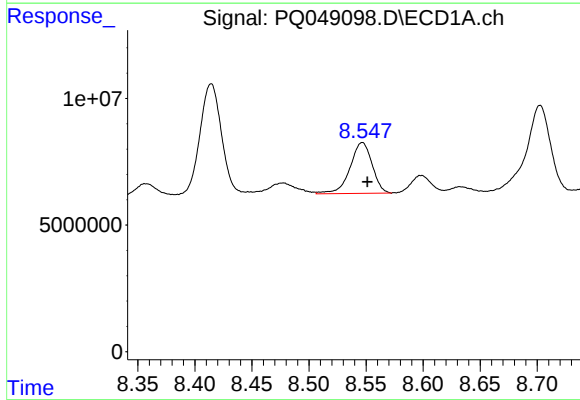
R.T.: 8.282 min
Delta R.T.: -0.004 min
Response: 21172021
Conc: 57.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



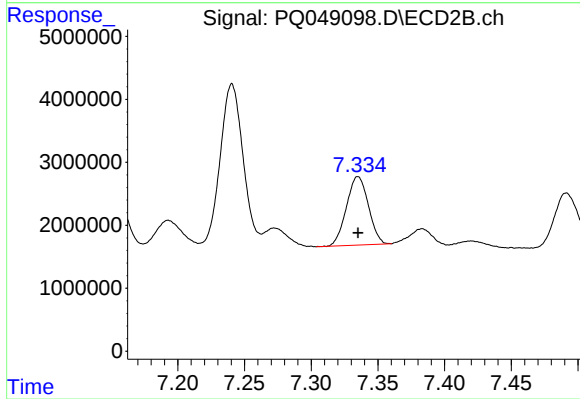
#31 AR-1260-1

R.T.: 7.146 min
Delta R.T.: 0.006 min
Response: 31163548
Conc: 136.64 ng/ml



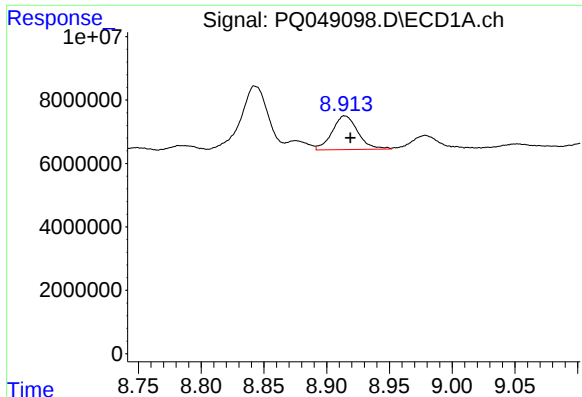
#32 AR-1260-2

R.T.: 8.547 min
Delta R.T.: -0.004 min
Response: 27180161
Conc: 54.66 ng/ml



#32 AR-1260-2

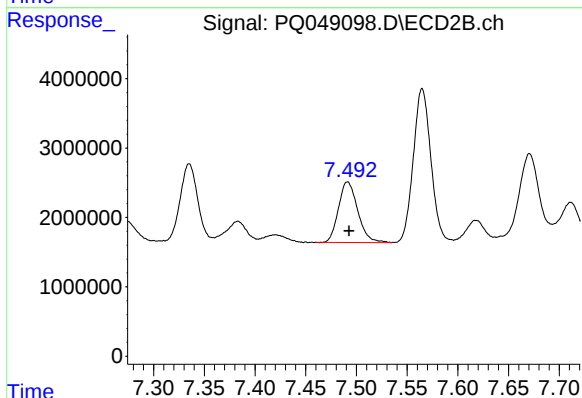
R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 12471584
Conc: 43.10 ng/ml



#33 AR-1260-3

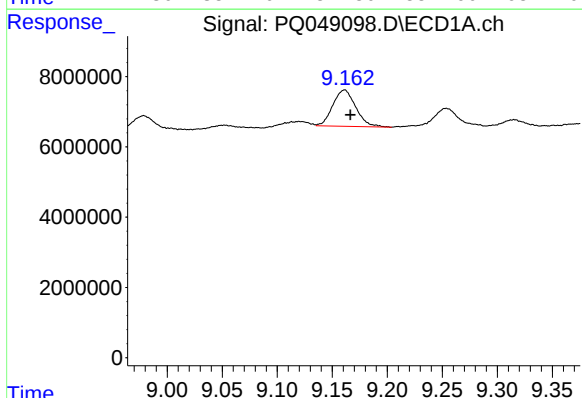
R.T.: 8.915 min
Delta R.T.: -0.004 min
Response: 15106792
Conc: 35.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



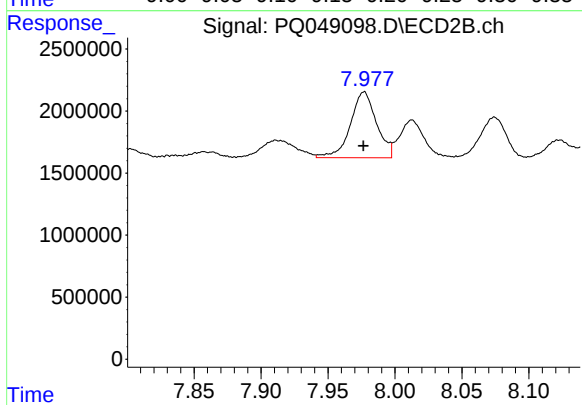
#33 AR-1260-3

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 11558557
Conc: 44.69 ng/ml



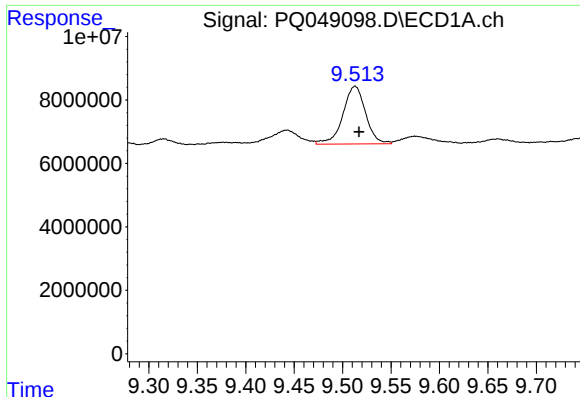
#34 AR-1260-4

R.T.: 9.161 min
Delta R.T.: -0.005 min
Response: 15012886
Conc: 36.01 ng/ml



#34 AR-1260-4

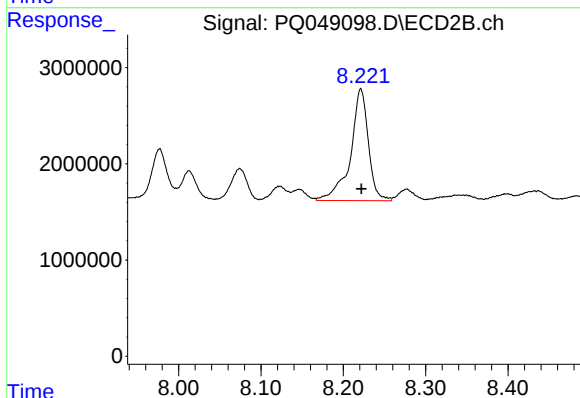
R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 7214428
Conc: 31.64 ng/ml



#35 AR-1260-5

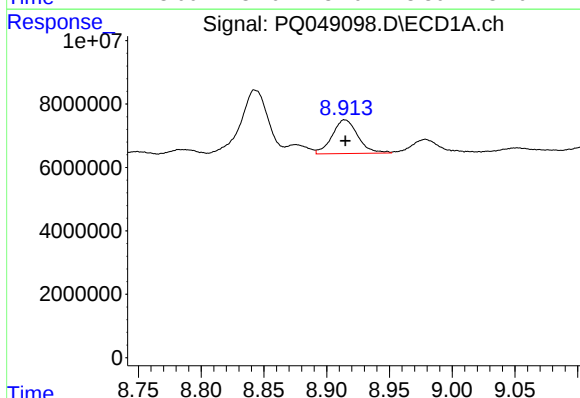
R.T.: 9.513 min
Delta R.T.: -0.004 min
Response: 29659782
Conc: 28.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



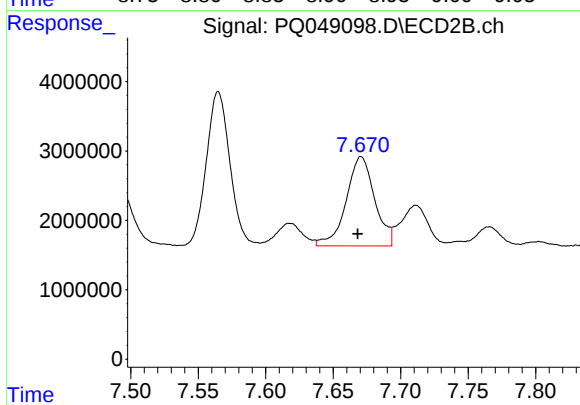
#35 AR-1260-5

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 17517007
Conc: 29.47 ng/ml



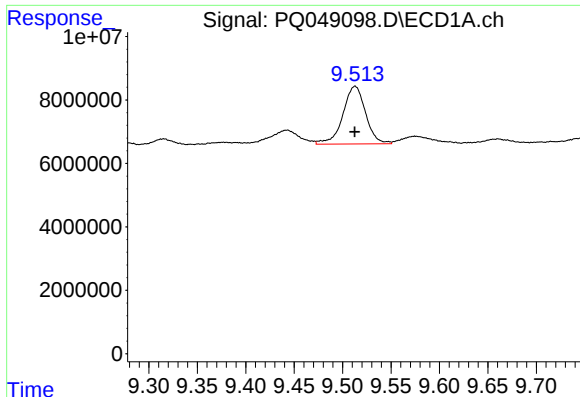
#36 AR-1262-1

R.T.: 8.915 min
Delta R.T.: 0.000 min
Response: 15106792
Conc: 21.01 ng/ml



#36 AR-1262-1

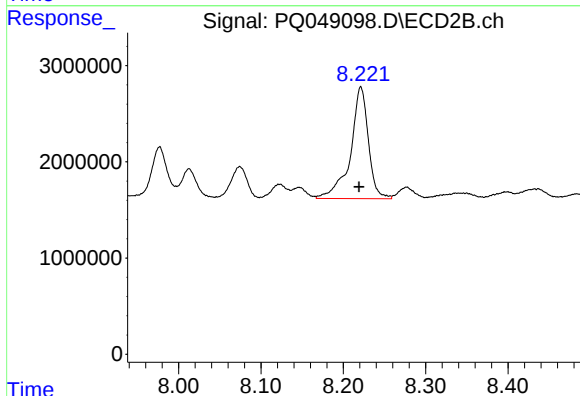
R.T.: 7.671 min
Delta R.T.: 0.003 min
Response: 18919197
Conc: 90.63 ng/ml



#37 AR-1262-2

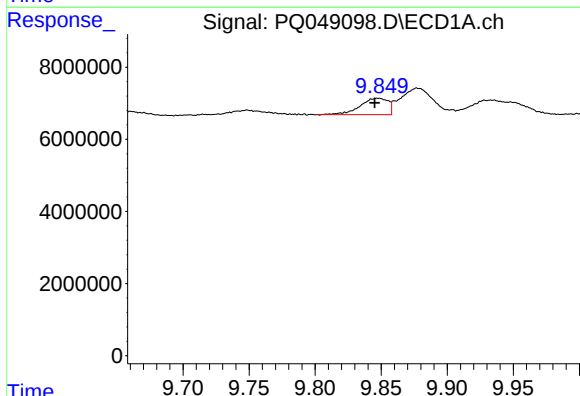
R.T.: 9.513 min
Delta R.T.: 0.000 min
Response: 29659782
Conc: 21.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



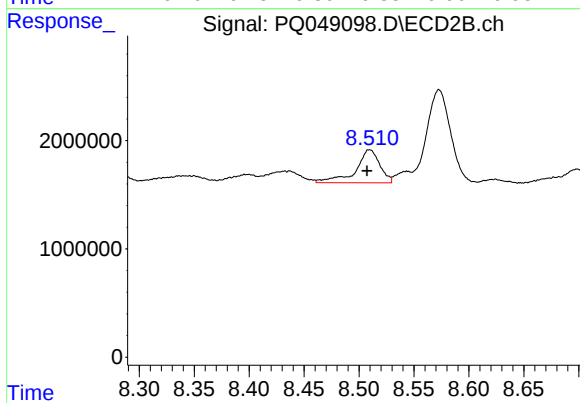
#37 AR-1262-2

R.T.: 8.221 min
Delta R.T.: 0.002 min
Response: 17517007
Conc: 22.15 ng/ml



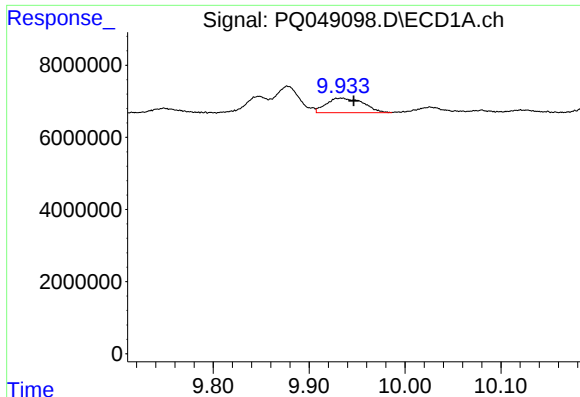
#38 AR-1262-3

R.T.: 9.848 min
Delta R.T.: 0.003 min
Response: 6740193
Conc: 10.43 ng/ml



#38 AR-1262-3

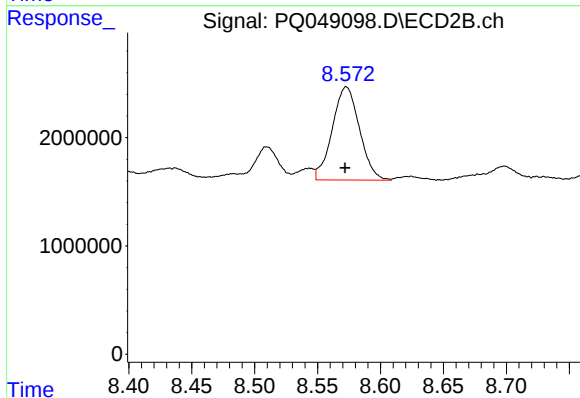
R.T.: 8.510 min
Delta R.T.: 0.002 min
Response: 4671522
Conc: 14.49 ng/ml



#39 AR-1262-4

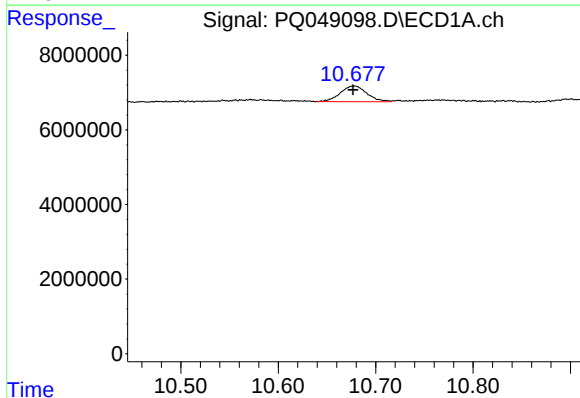
R.T.: 9.934 min
Delta R.T.: -0.013 min
Response: 10817794
Conc: 14.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



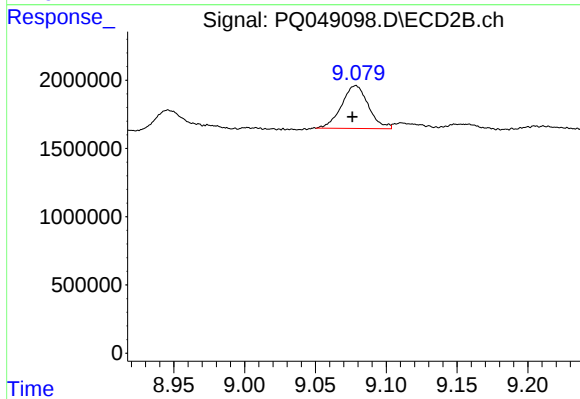
#39 AR-1262-4

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 12957426
Conc: 21.99 ng/ml



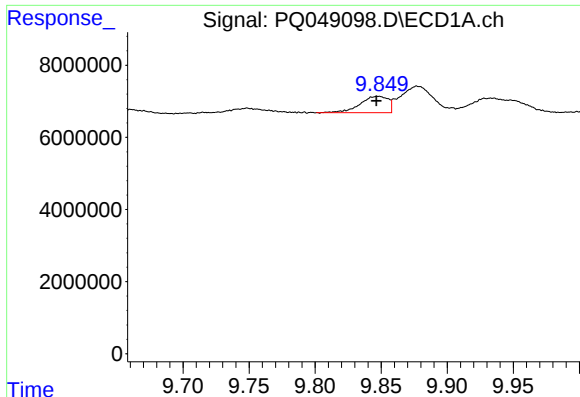
#40 AR-1262-5

R.T.: 10.678 min
Delta R.T.: 0.000 min
Response: 8017112
Conc: 14.53 ng/ml



#40 AR-1262-5

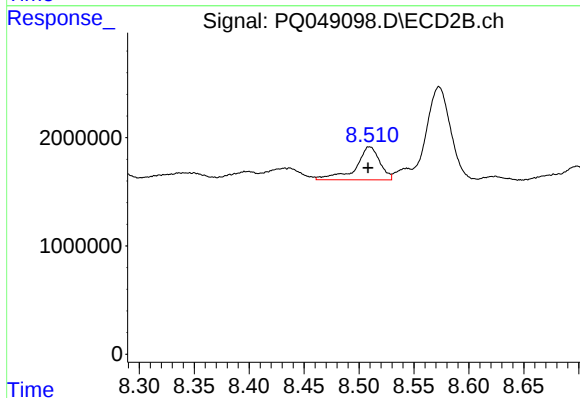
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 4158369
Conc: 14.77 ng/ml



#41 AR-1268-1

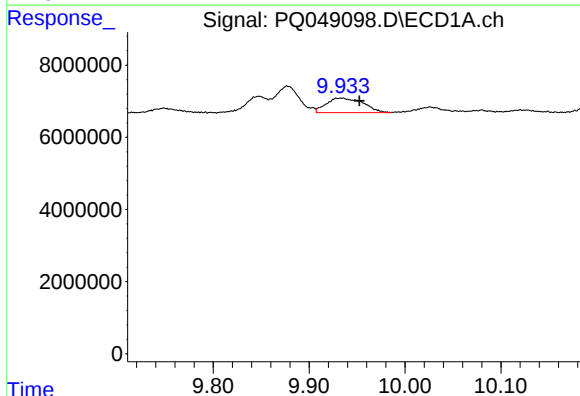
R.T.: 9.848 min
Delta R.T.: 0.002 min
Response: 6740193
Conc: 3.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



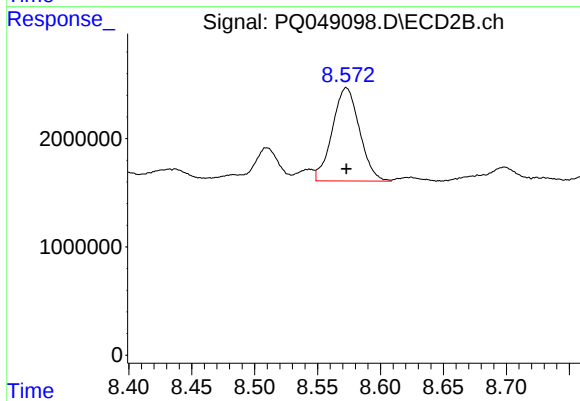
#41 AR-1268-1

R.T.: 8.510 min
Delta R.T.: 0.002 min
Response: 4671522
Conc: 5.05 ng/ml



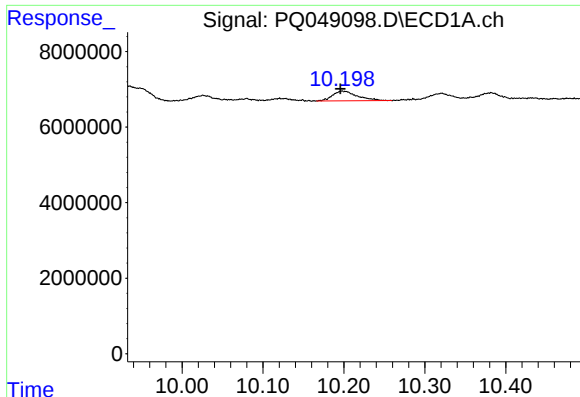
#42 AR-1268-2

R.T.: 9.934 min
Delta R.T.: -0.018 min
Response: 10817794
Conc: 6.88 ng/ml



#42 AR-1268-2

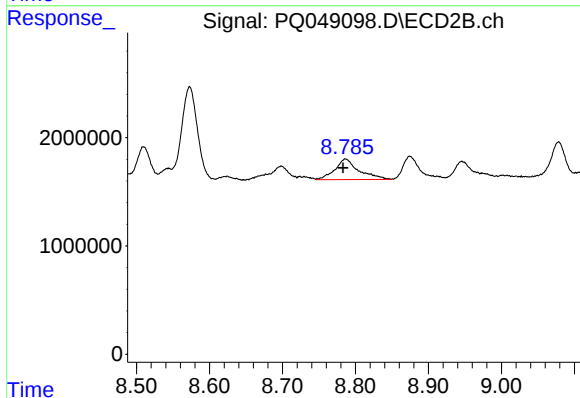
R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 12957426
Conc: 15.05 ng/ml



#43 AR-1268-3

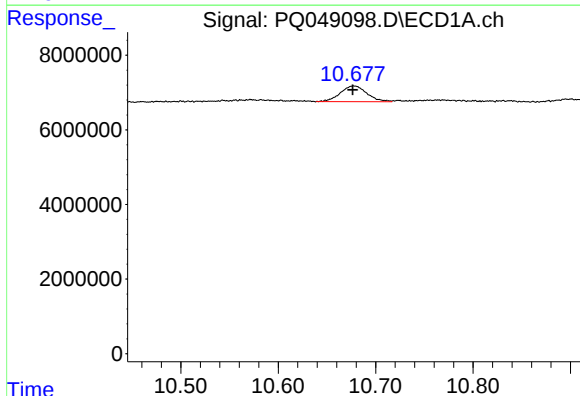
R.T.: 10.198 min
Delta R.T.: 0.002 min
Response: 5514207
Conc: 3.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



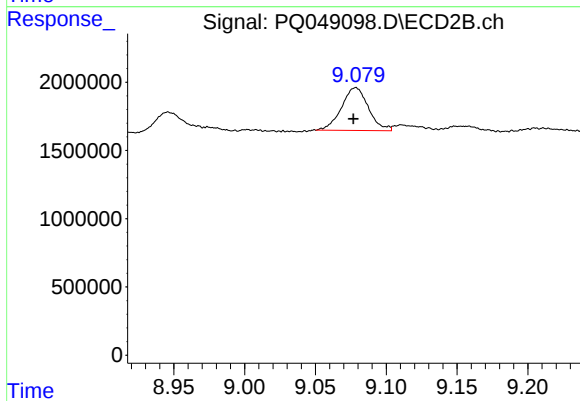
#43 AR-1268-3

R.T.: 8.786 min
Delta R.T.: 0.003 min
Response: 4343884
Conc: 6.03 ng/ml



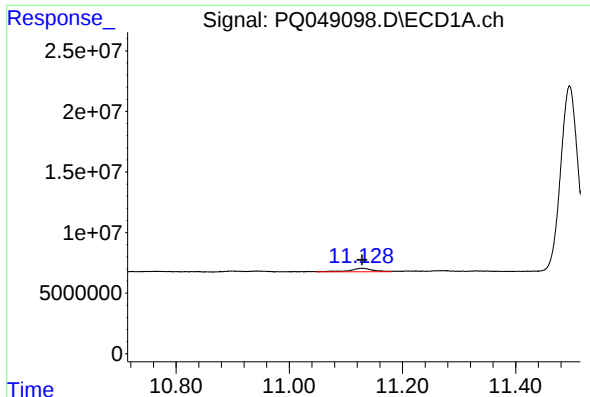
#44 AR-1268-4

R.T.: 10.678 min
Delta R.T.: 0.001 min
Response: 8017112
Conc: 12.99 ng/ml



#44 AR-1268-4

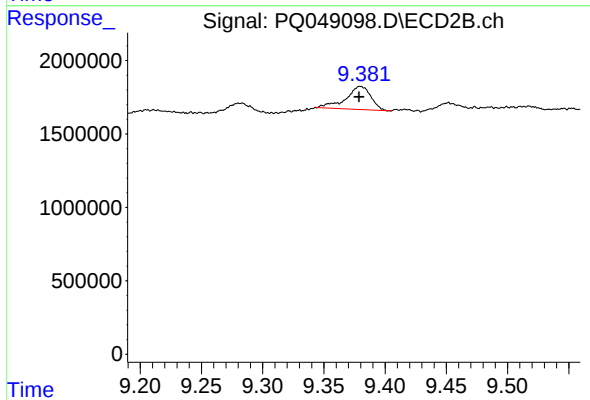
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 4158369
Conc: 13.26 ng/ml



#45 AR-1268-5

R.T.: 11.128 min
Delta R.T.: 0.000 min
Response: 7738676
Conc: 1.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.380 min
Delta R.T.: 0.001 min
Response: 2223874
Conc: 0.97 ng/ml