

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081319\
 Data File : PQ042398.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2019 09:35
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 07:45:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
 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...	5.674	4.736	47434832	41380271	20.683	21.471
2)	SA Decachlor...	12.058	10.482	273.5E6	210.4E6	32.433	43.498 #
Target Compounds							
3)	L1 AR-1016-1	7.120	6.187	44523540	42757713	411.934	412.046
4)	L1 AR-1016-2	7.145	6.209	64545473	59315298	412.358	414.013
5)	L1 AR-1016-3	7.216	6.423	38898883	29852216	402.147	400.314
6)	L1 AR-1016-4	7.329	6.526	32685758	30885937	418.972	498.078
7)	L1 AR-1016-5	7.663	6.776	31683745	12682252	403.049	155.795 #
9)	L2 AR-1221-2	6.063	5.160	3958185	3633542	229.072	227.527
10)	L2 AR-1221-3	6.160	5.263	17474657	17392407	283.933	318.940
11)	L3 AR-1232-1	6.160	5.263	17474657	17392407	322.910	360.183
12)	L3 AR-1232-2	6.803	6.246	26843217	4145916	816.978	72.700 #
13)	L3 AR-1232-3	7.145	6.423	64545473	29852216	966.779	1001.097
14)	L3 AR-1232-4	7.329	6.563	32685758	10244039	1018.990	383.719 #
15)	L3 AR-1232-5	7.485	6.776	28411476	12682252	1322.062	432.456 #
16)	L4 AR-1242-1	7.120	6.187	44523540	42757713	497.753	522.456
17)	L4 AR-1242-2	7.145	6.246	64545473	4145916	501.942	36.710 #
18)	L4 AR-1242-3	7.216	6.423	38898883	29852216	479.722	505.347
19)	L4 AR-1242-4	7.329	6.563	32685758	10244039	508.430	172.757 #
20)	L4 AR-1242-5	8.152	7.185	6649054	5223560	74.939	58.828
21)	L5 AR-1248-1	7.120	6.187	44523540	42757713	600.565	644.875
22)	L5 AR-1248-2	7.485	6.526	28411476	30885937	307.939	354.247
23)	L5 AR-1248-3	7.709	6.526	13251986	30885937	118.278	346.039 #
24)	L5 AR-1248-4	8.110	6.776	7908534	12682252	50.580	115.145 #
25)	L5 AR-1248-5	8.152	7.185	6649054	5223560	43.939	40.753
26)	L6 AR-1254-1	8.080	7.185	25392207	5223560	182.527	28.562 #
27)	L6 AR-1254-2	8.318	7.307	27374949	25763727	119.602	159.162 #
28)	L6 AR-1254-3	8.713	7.769	17114049	52902002	62.591	183.428 #
29)	L6 AR-1254-4	9.014	8.003	13017733	8544880	52.880	39.364 #
30)	L6 AR-1254-5	9.452	8.487	115.8E6	91120625	427.419	302.960 #
31)	L7 AR-1260-1	8.885	7.895	68122824	74202780	382.959	408.989
32)	L7 AR-1260-2	9.154	8.098	95359517	99713997	377.998	406.439
33)	L7 AR-1260-3	9.530	8.263	79768874	88690571	348.132	416.823
34)	L7 AR-1260-4	9.772	8.760	92100011	82915757	360.692	409.887
35)	L7 AR-1260-5	10.119	9.012	219.9E6	226.4E6	326.443	383.675
36)	L8 AR-1262-1	9.591	8.543	41513970	45567403	270.106	317.621
37)	L8 AR-1262-2	10.119	9.012	219.9E6	226.4E6	251.182	305.572
38)	L8 AR-1262-3	10.471	9.305	146.0E6	53763755	229.885	169.939 #
39)	L8 AR-1262-4	10.532	9.372	99701268	168.8E6	199.121	300.184 #
40)	L8 AR-1262-5	11.257	9.894	82097735	68417275	201.660	239.552
41)	L9 AR-1268-1	10.471	9.305	146.0E6	53763755	102.474	47.030 #
42)	L9 AR-1268-2	10.532	9.372	99701268	168.8E6	75.592	164.446 #

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 Acq On : 13 Aug 2019 09:35
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

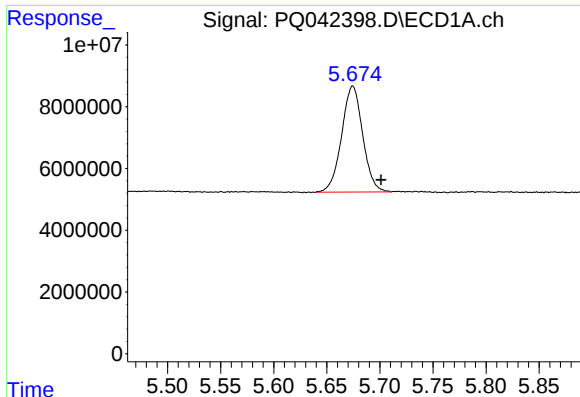
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 07:45:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
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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
43) L9	AR-1268-3	10.797	9.584	3855278	3090021	3.295	3.556
44) L9	AR-1268-4	11.257	9.894	82097735	68417275	150.799	177.860
45) L9	AR-1268-5	11.699	10.209	23346535	15599265	5.760	6.006

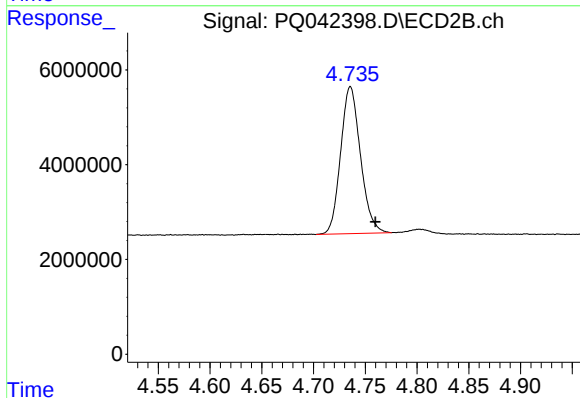
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

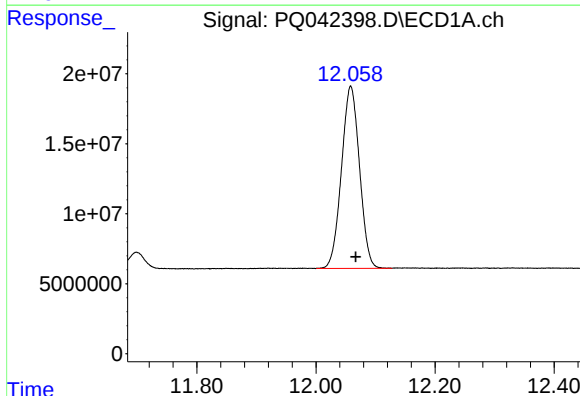
R.T.: 5.674 min
Delta R.T.: -0.027 min
Response: 47434832
Conc: 20.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



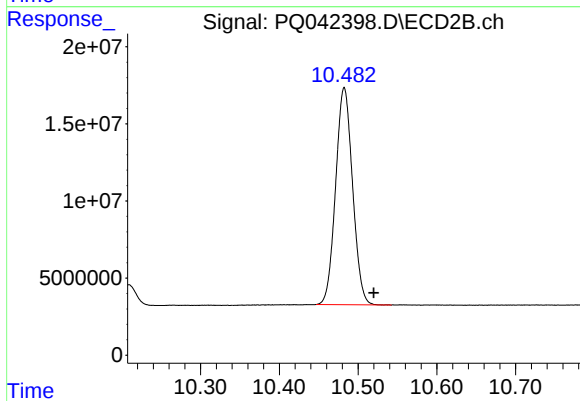
#1 Tetrachloro-m-xylene

R.T.: 4.736 min
Delta R.T.: -0.024 min
Response: 41380271
Conc: 21.47 ng/ml



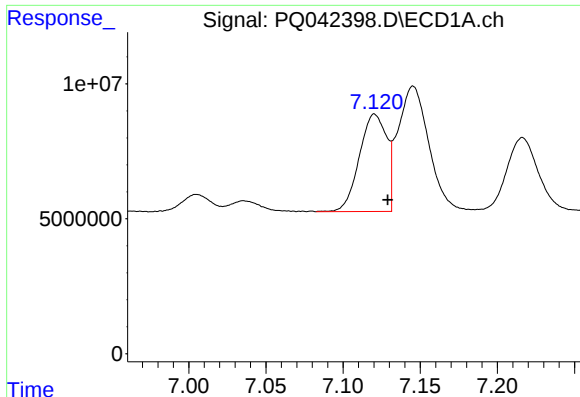
#2 Decachlorobiphenyl

R.T.: 12.058 min
Delta R.T.: -0.009 min
Response: 273455886
Conc: 32.43 ng/ml



#2 Decachlorobiphenyl

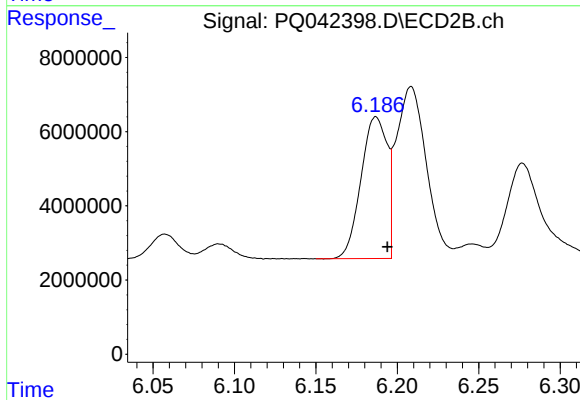
R.T.: 10.482 min
Delta R.T.: -0.037 min
Response: 210415469
Conc: 43.50 ng/ml



#3 AR-1016-1

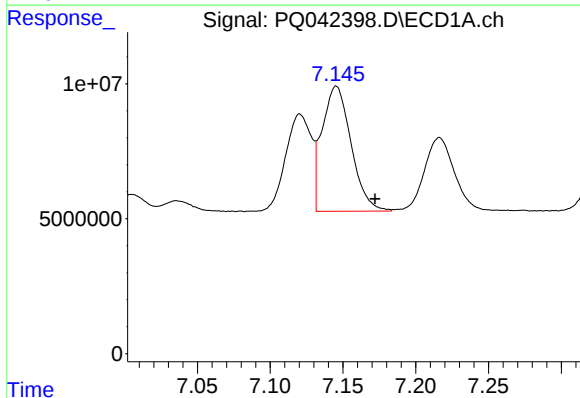
R.T.: 7.120 min
Delta R.T.: -0.009 min
Response: 44523540
Conc: 411.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



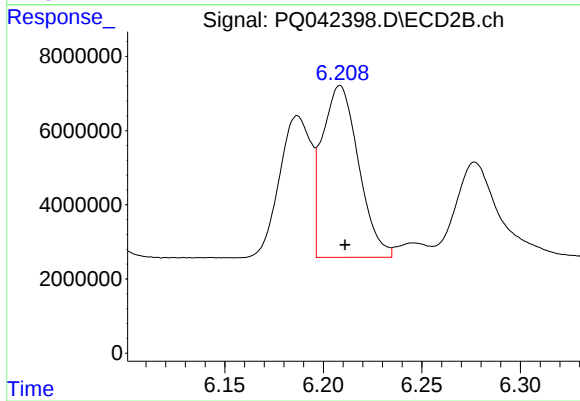
#3 AR-1016-1

R.T.: 6.187 min
Delta R.T.: -0.007 min
Response: 42757713
Conc: 412.05 ng/ml



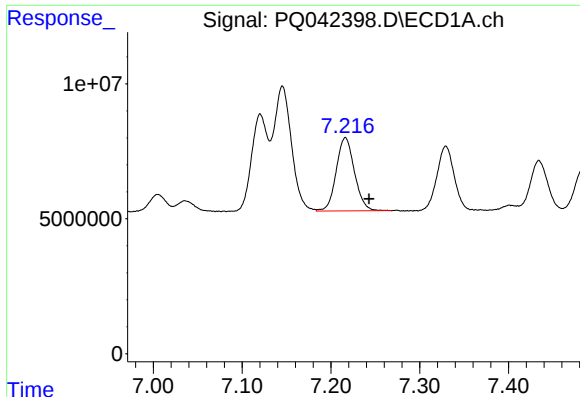
#4 AR-1016-2

R.T.: 7.145 min
Delta R.T.: -0.027 min
Response: 64545473
Conc: 412.36 ng/ml



#4 AR-1016-2

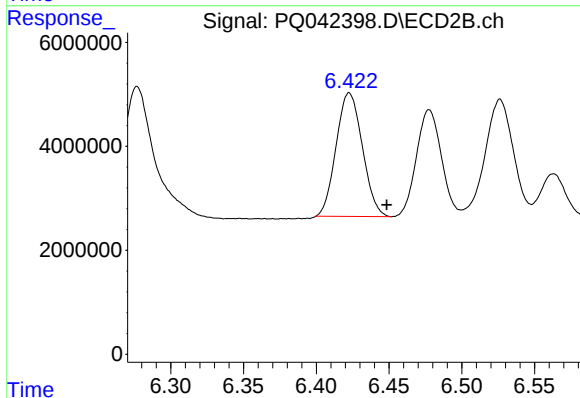
R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 59315298
Conc: 414.01 ng/ml



#5 AR-1016-3

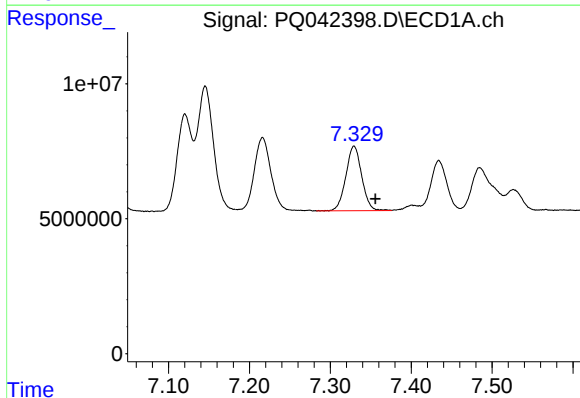
R.T.: 7.216 min
Delta R.T.: -0.026 min
Response: 38898883
Conc: 402.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



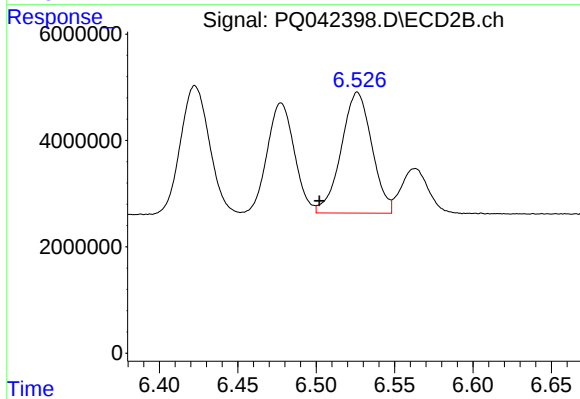
#5 AR-1016-3

R.T.: 6.423 min
Delta R.T.: -0.026 min
Response: 29852216
Conc: 400.31 ng/ml



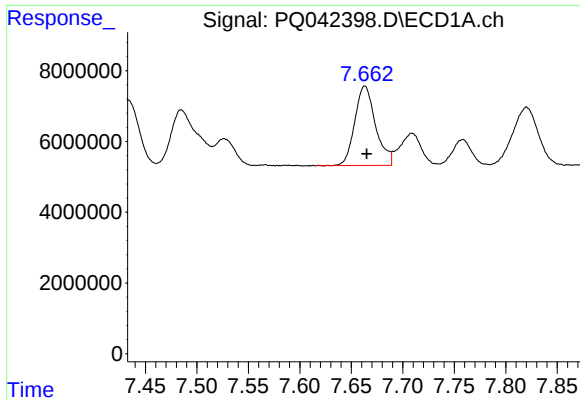
#6 AR-1016-4

R.T.: 7.329 min
Delta R.T.: -0.026 min
Response: 32685758
Conc: 418.97 ng/ml



#6 AR-1016-4

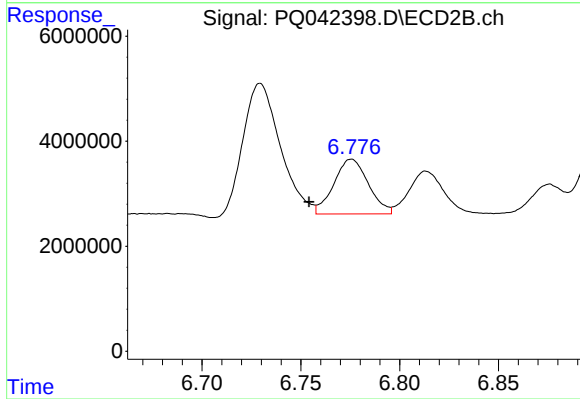
R.T.: 6.526 min
Delta R.T.: 0.024 min
Response: 30885937
Conc: 498.08 ng/ml



#7 AR-1016-5

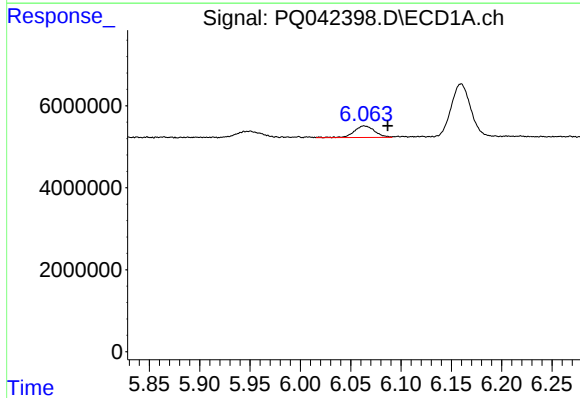
R.T.: 7.663 min
Delta R.T.: -0.002 min
Response: 31683745
Conc: 403.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



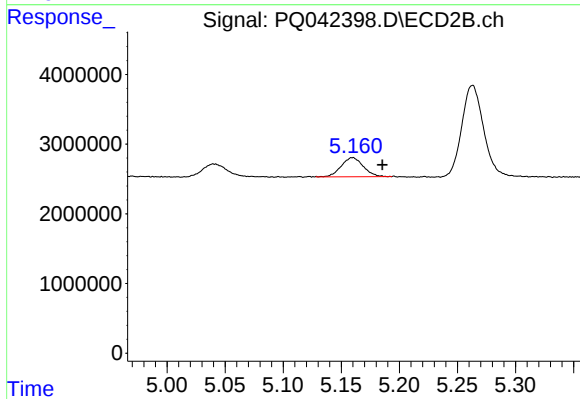
#7 AR-1016-5

R.T.: 6.776 min
Delta R.T.: 0.021 min
Response: 12682252
Conc: 155.80 ng/ml



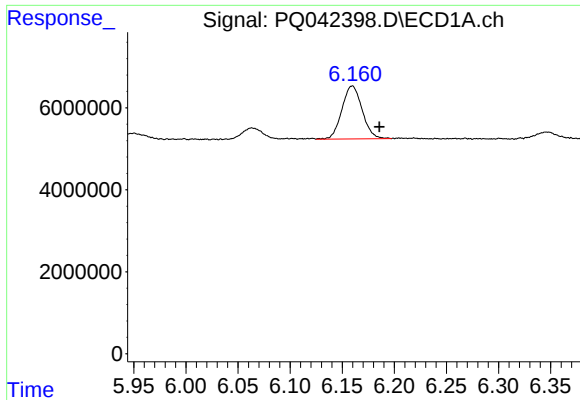
#9 AR-1221-2

R.T.: 6.063 min
Delta R.T.: -0.024 min
Response: 3958185
Conc: 229.07 ng/ml



#9 AR-1221-2

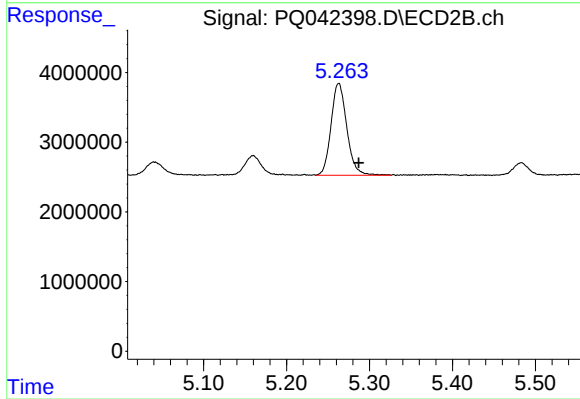
R.T.: 5.160 min
Delta R.T.: -0.025 min
Response: 3633542
Conc: 227.53 ng/ml



#10 AR-1221-3

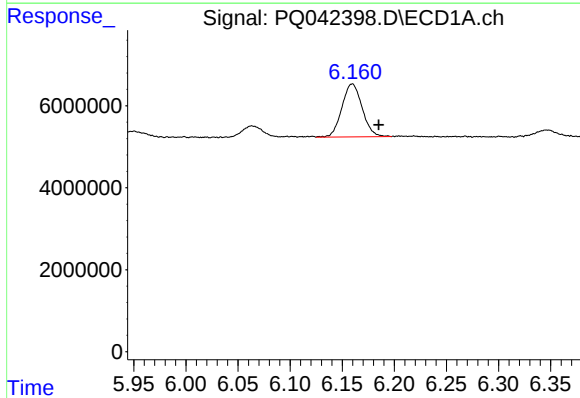
R.T.: 6.160 min
Delta R.T.: -0.026 min
Response: 17474657
Conc: 283.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



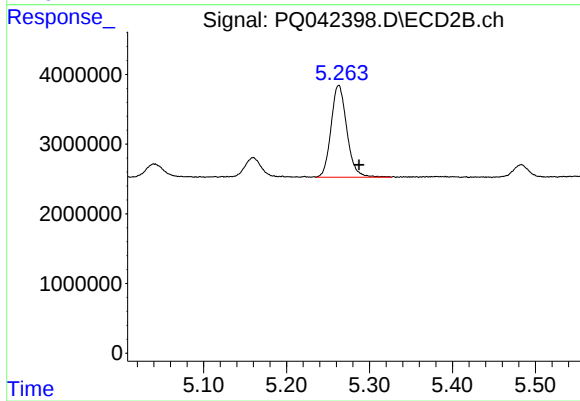
#10 AR-1221-3

R.T.: 5.263 min
Delta R.T.: -0.024 min
Response: 17392407
Conc: 318.94 ng/ml



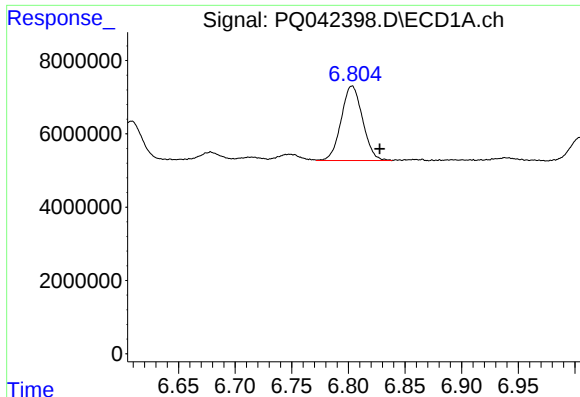
#11 AR-1232-1

R.T.: 6.160 min
Delta R.T.: -0.025 min
Response: 17474657
Conc: 322.91 ng/ml



#11 AR-1232-1

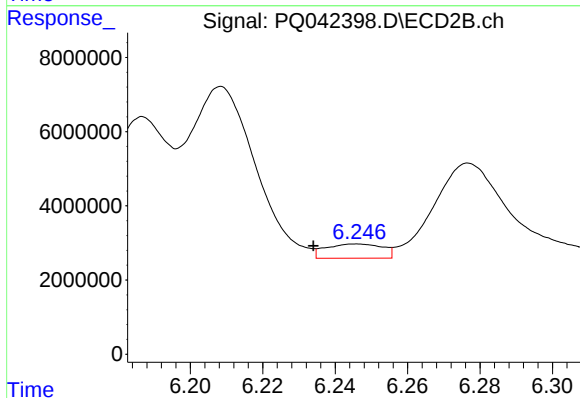
R.T.: 5.263 min
Delta R.T.: -0.024 min
Response: 17392407
Conc: 360.18 ng/ml



#12 AR-1232-2

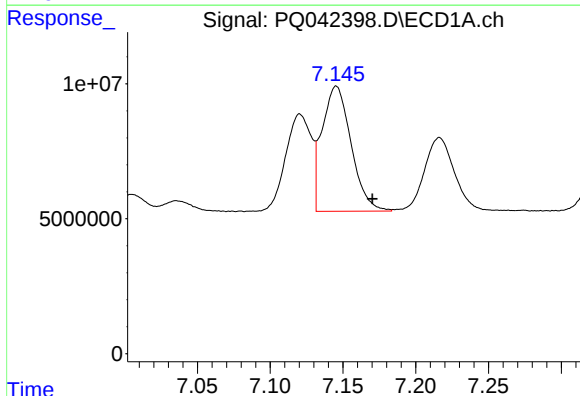
R.T.: 6.803 min
Delta R.T.: -0.024 min
Response: 26843217
Conc: 816.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



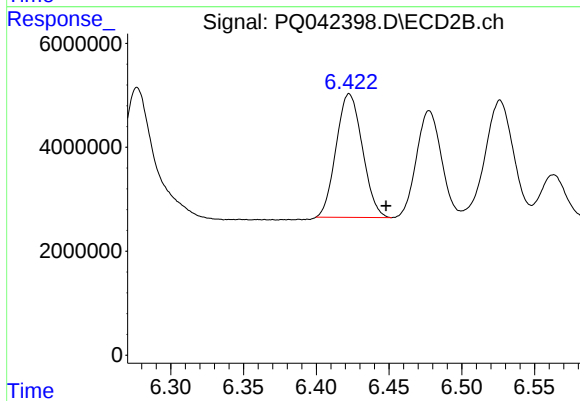
#12 AR-1232-2

R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 4145916
Conc: 72.70 ng/ml



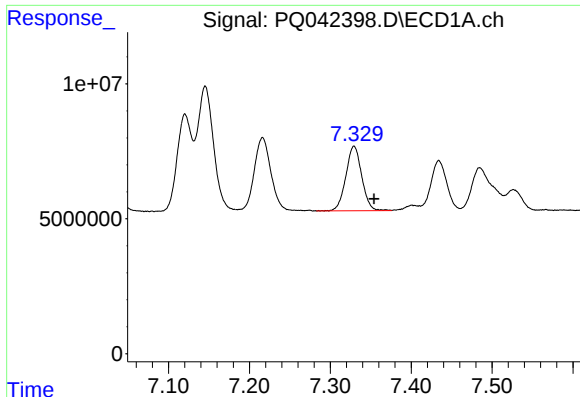
#13 AR-1232-3

R.T.: 7.145 min
Delta R.T.: -0.025 min
Response: 64545473
Conc: 966.78 ng/ml



#13 AR-1232-3

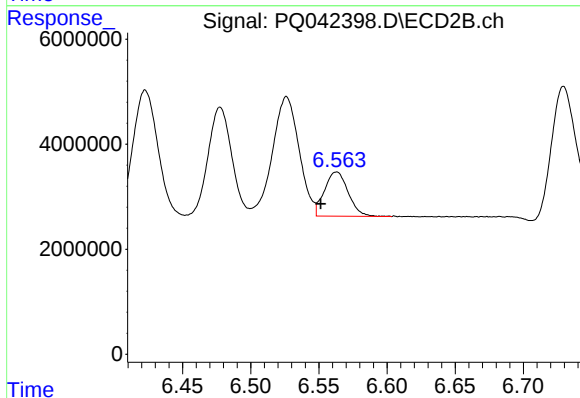
R.T.: 6.423 min
Delta R.T.: -0.025 min
Response: 29852216
Conc: 1001.10 ng/ml



#14 AR-1232-4

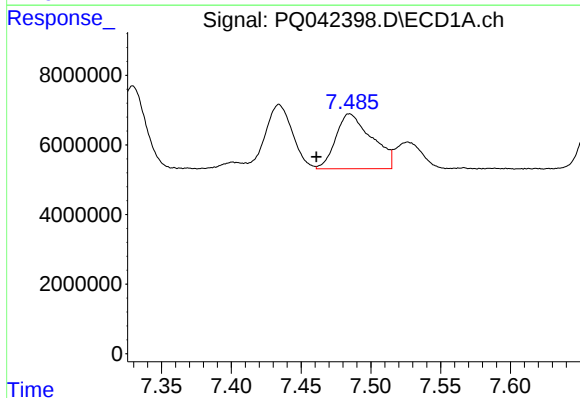
R.T.: 7.329 min
Delta R.T.: -0.025 min
Response: 32685758
Conc: 1018.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



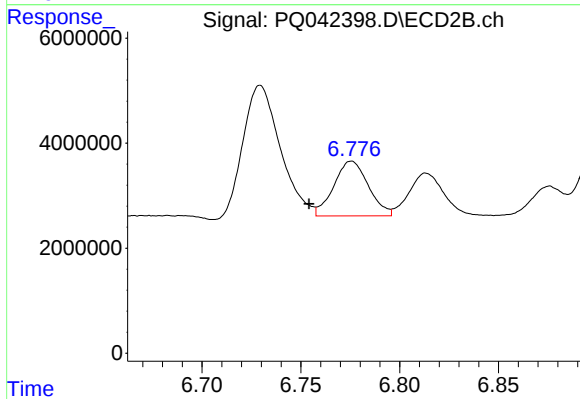
#14 AR-1232-4

R.T.: 6.563 min
Delta R.T.: 0.012 min
Response: 10244039
Conc: 383.72 ng/ml



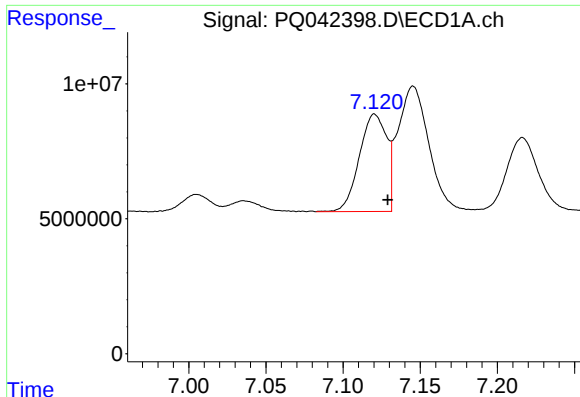
#15 AR-1232-5

R.T.: 7.485 min
Delta R.T.: 0.024 min
Response: 28411476
Conc: 1322.06 ng/ml



#15 AR-1232-5

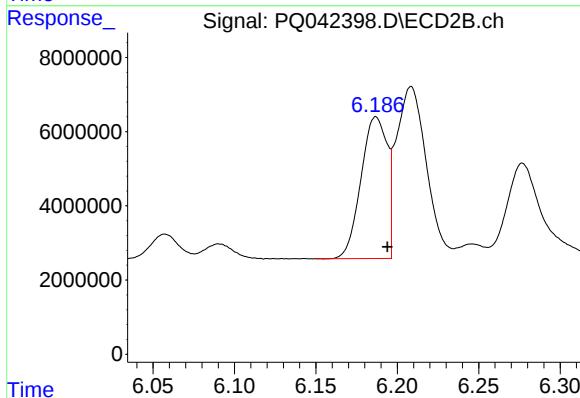
R.T.: 6.776 min
Delta R.T.: 0.021 min
Response: 12682252
Conc: 432.46 ng/ml



#16 AR-1242-1

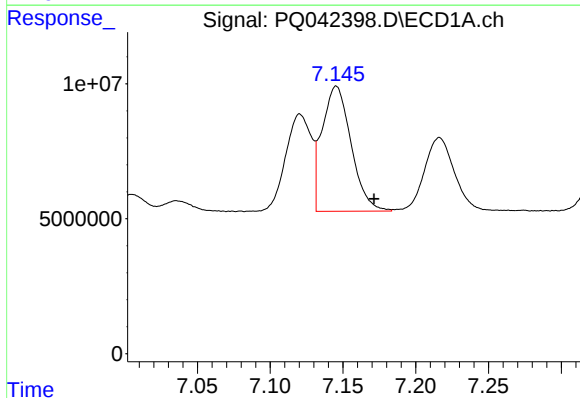
R.T.: 7.120 min
Delta R.T.: -0.009 min
Response: 44523540
Conc: 497.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



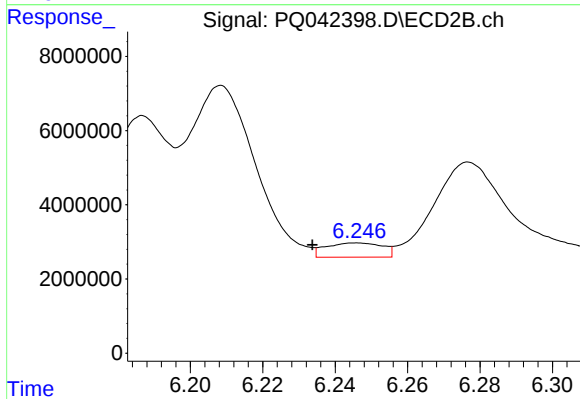
#16 AR-1242-1

R.T.: 6.187 min
Delta R.T.: -0.007 min
Response: 42757713
Conc: 522.46 ng/ml



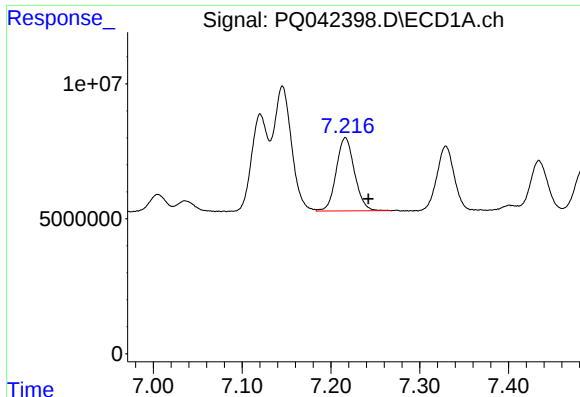
#17 AR-1242-2

R.T.: 7.145 min
Delta R.T.: -0.026 min
Response: 64545473
Conc: 501.94 ng/ml



#17 AR-1242-2

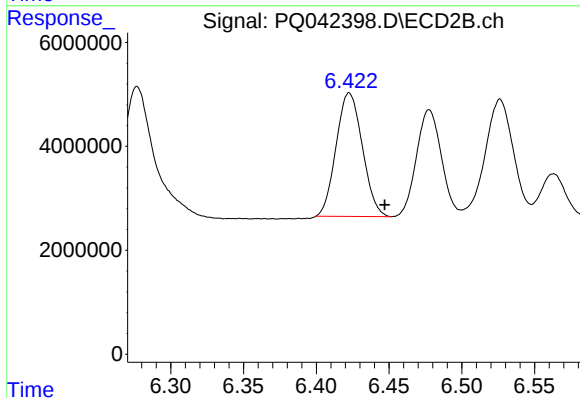
R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 4145916
Conc: 36.71 ng/ml



#18 AR-1242-3

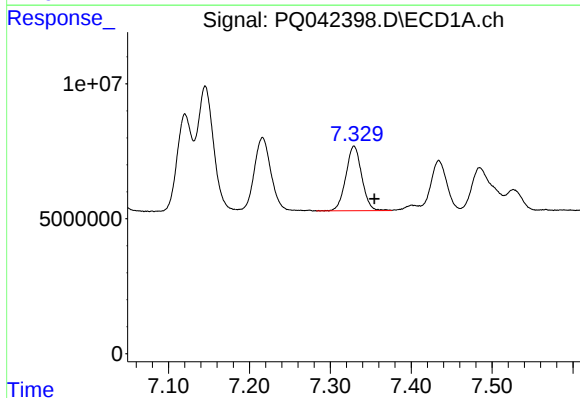
R.T.: 7.216 min
Delta R.T.: -0.026 min
Response: 38898883
Conc: 479.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



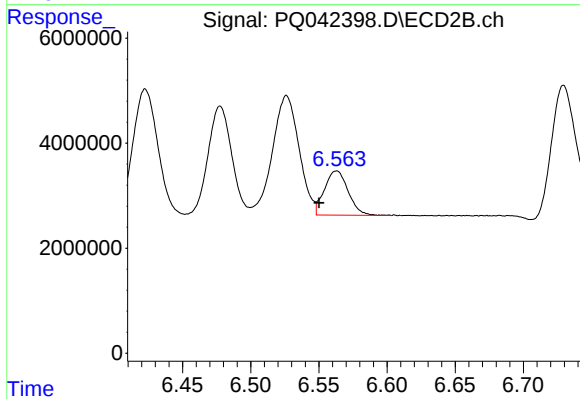
#18 AR-1242-3

R.T.: 6.423 min
Delta R.T.: -0.024 min
Response: 29852216
Conc: 505.35 ng/ml



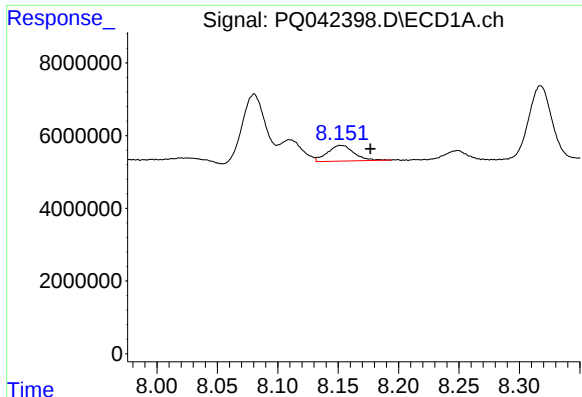
#19 AR-1242-4

R.T.: 7.329 min
Delta R.T.: -0.025 min
Response: 32685758
Conc: 508.43 ng/ml



#19 AR-1242-4

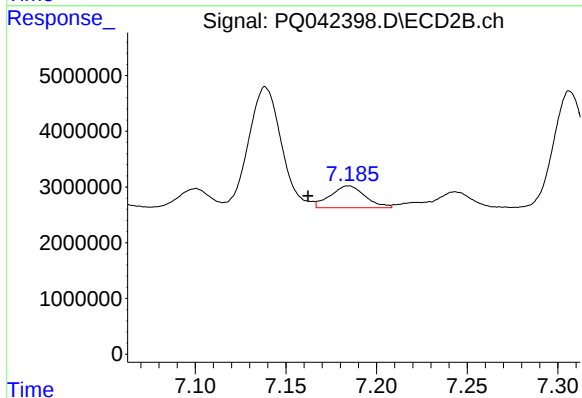
R.T.: 6.563 min
Delta R.T.: 0.013 min
Response: 10244039
Conc: 172.76 ng/ml



#20 AR-1242-5

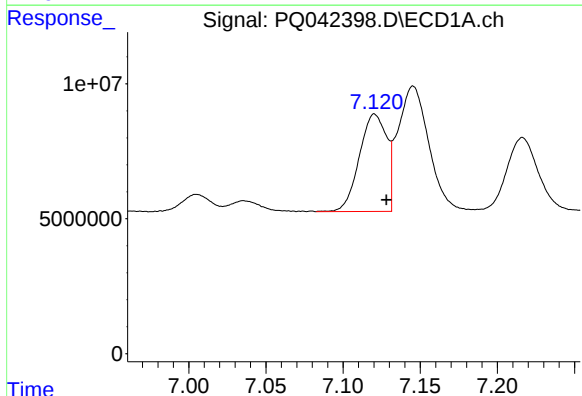
R.T.: 8.152 min
Delta R.T.: -0.024 min
Response: 6649054
Conc: 74.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



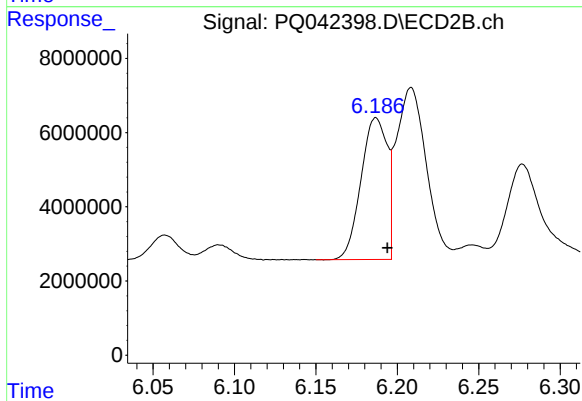
#20 AR-1242-5

R.T.: 7.185 min
Delta R.T.: 0.022 min
Response: 5223560
Conc: 58.83 ng/ml



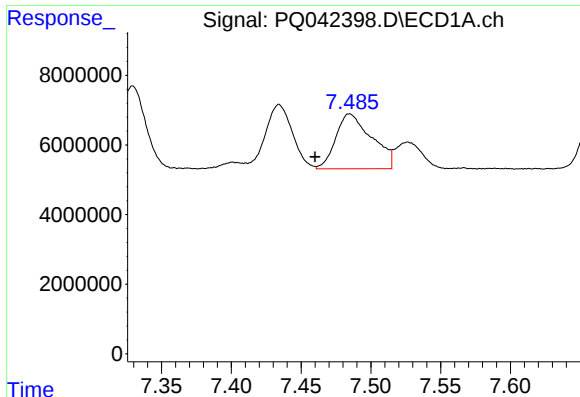
#21 AR-1248-1

R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 44523540
Conc: 600.57 ng/ml



#21 AR-1248-1

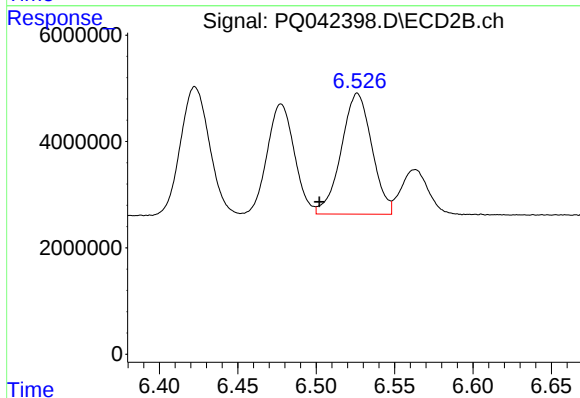
R.T.: 6.187 min
Delta R.T.: -0.007 min
Response: 42757713
Conc: 644.87 ng/ml



#22 AR-1248-2

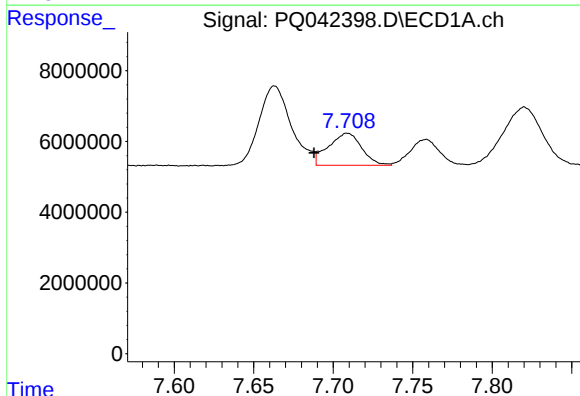
R.T.: 7.485 min
Delta R.T.: 0.025 min
Response: 28411476
Conc: 307.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



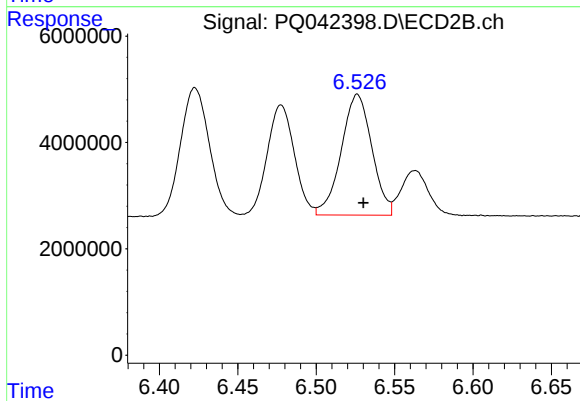
#22 AR-1248-2

R.T.: 6.526 min
Delta R.T.: 0.024 min
Response: 30885937
Conc: 354.25 ng/ml



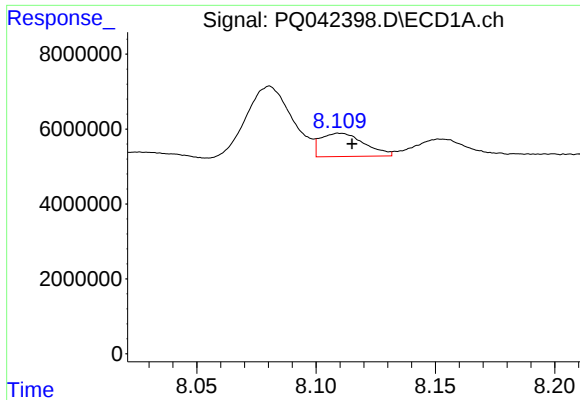
#23 AR-1248-3

R.T.: 7.709 min
Delta R.T.: 0.021 min
Response: 13251986
Conc: 118.28 ng/ml



#23 AR-1248-3

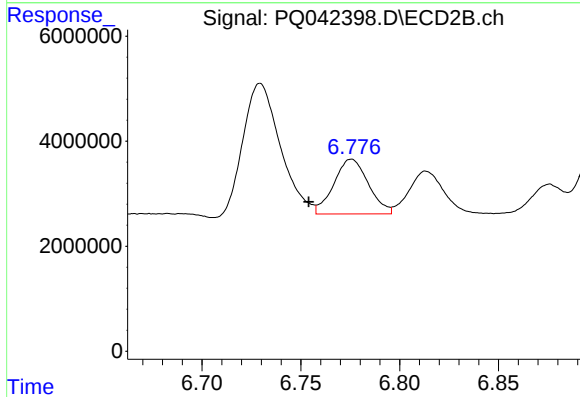
R.T.: 6.526 min
Delta R.T.: -0.004 min
Response: 30885937
Conc: 346.04 ng/ml



#24 AR-1248-4

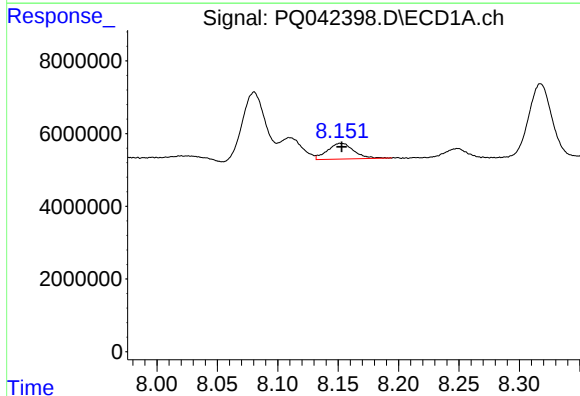
R.T.: 8.110 min
Delta R.T.: -0.005 min
Response: 7908534
Conc: 50.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



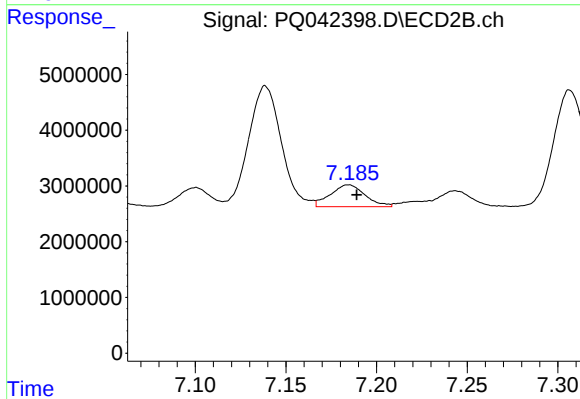
#24 AR-1248-4

R.T.: 6.776 min
Delta R.T.: 0.022 min
Response: 12682252
Conc: 115.15 ng/ml



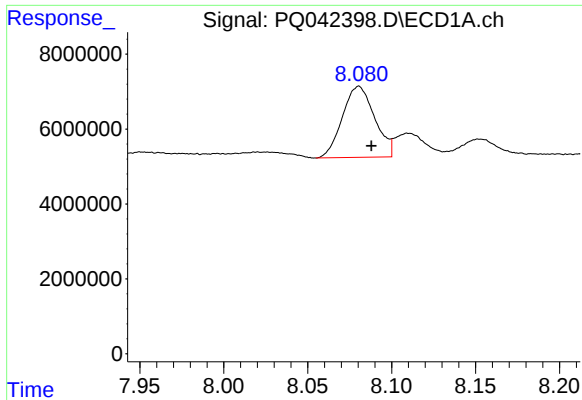
#25 AR-1248-5

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 6649054
Conc: 43.94 ng/ml



#25 AR-1248-5

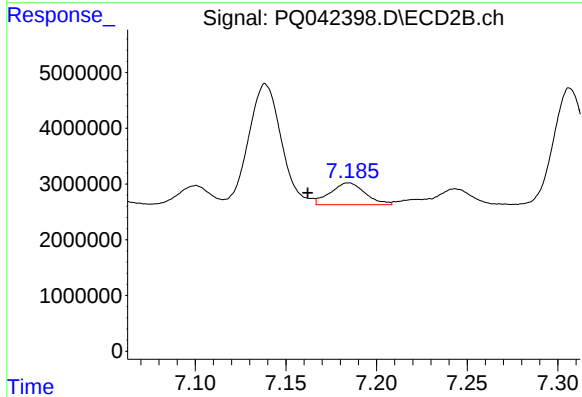
R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 5223560
Conc: 40.75 ng/ml



#26 AR-1254-1

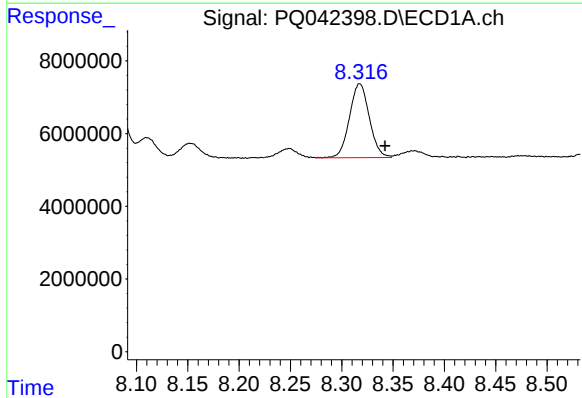
R.T.: 8.080 min
Delta R.T.: -0.008 min
Response: 25392207
Conc: 182.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



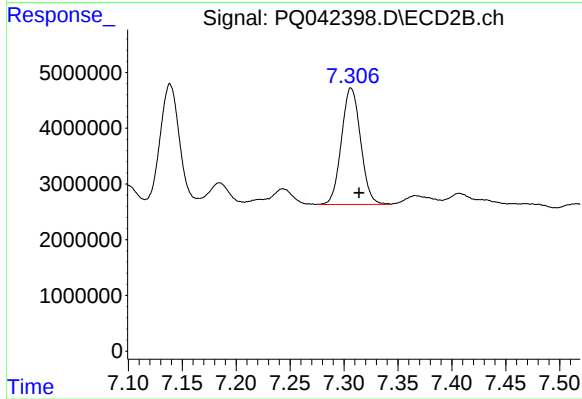
#26 AR-1254-1

R.T.: 7.185 min
Delta R.T.: 0.023 min
Response: 5223560
Conc: 28.56 ng/ml



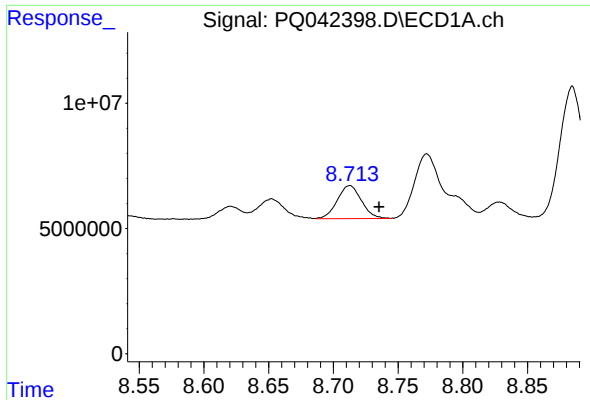
#27 AR-1254-2

R.T.: 8.318 min
Delta R.T.: -0.025 min
Response: 27374949
Conc: 119.60 ng/ml



#27 AR-1254-2

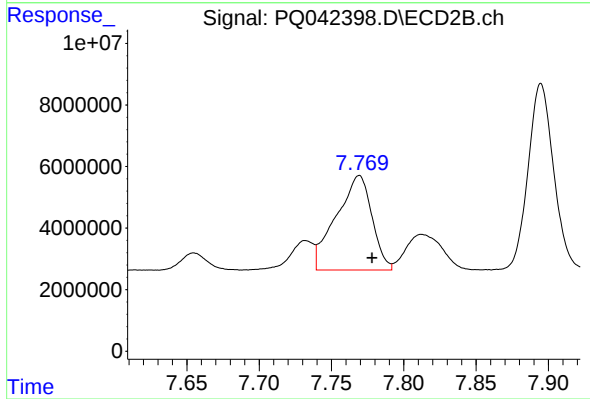
R.T.: 7.307 min
Delta R.T.: -0.007 min
Response: 25763727
Conc: 159.16 ng/ml



#28 AR-1254-3

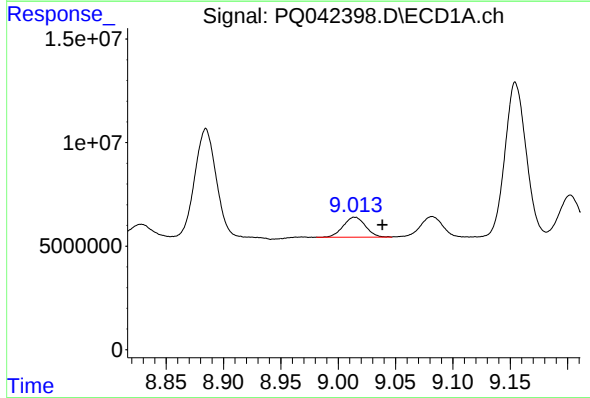
R.T.: 8.713 min
Delta R.T.: -0.023 min
Response: 17114049
Conc: 62.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



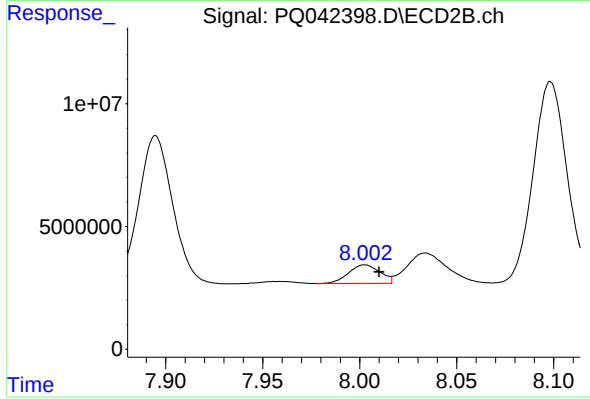
#28 AR-1254-3

R.T.: 7.769 min
Delta R.T.: -0.009 min
Response: 52902002
Conc: 183.43 ng/ml



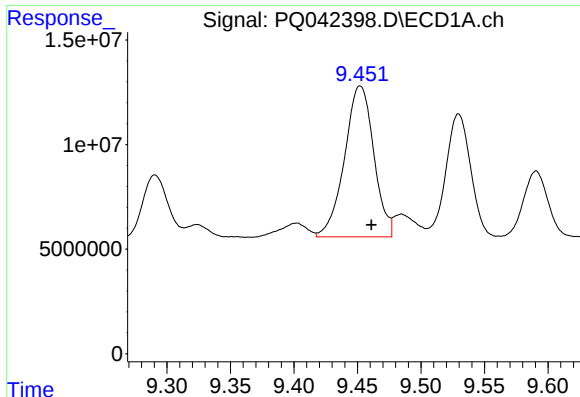
#29 AR-1254-4

R.T.: 9.014 min
Delta R.T.: -0.024 min
Response: 13017733
Conc: 52.88 ng/ml



#29 AR-1254-4

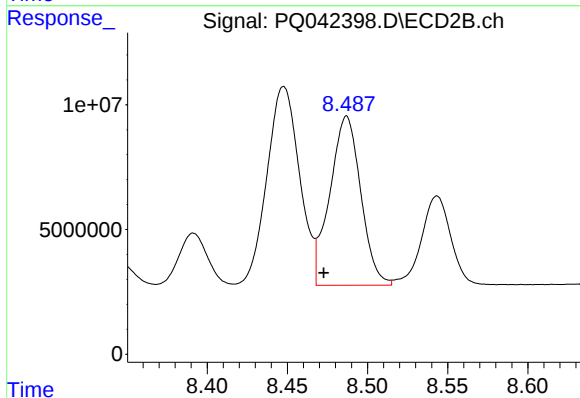
R.T.: 8.003 min
Delta R.T.: -0.007 min
Response: 8544880
Conc: 39.36 ng/ml



#30 AR-1254-5

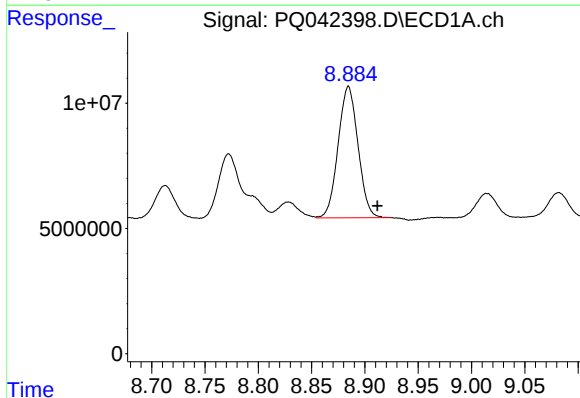
R.T.: 9.452 min
Delta R.T.: -0.009 min
Response: 115764411
Conc: 427.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



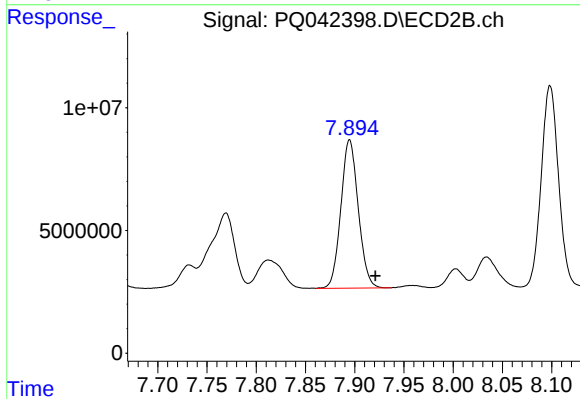
#30 AR-1254-5

R.T.: 8.487 min
Delta R.T.: 0.014 min
Response: 91120625
Conc: 302.96 ng/ml



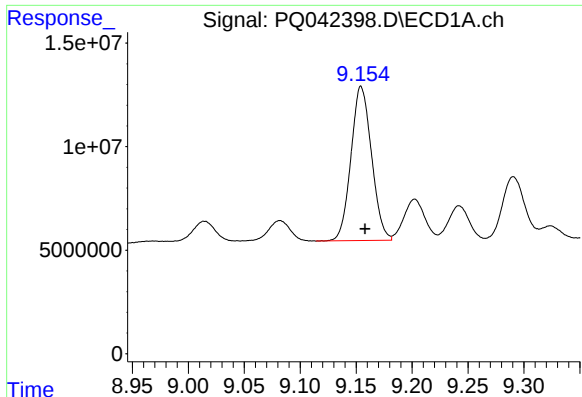
#31 AR-1260-1

R.T.: 8.885 min
Delta R.T.: -0.027 min
Response: 68122824
Conc: 382.96 ng/ml



#31 AR-1260-1

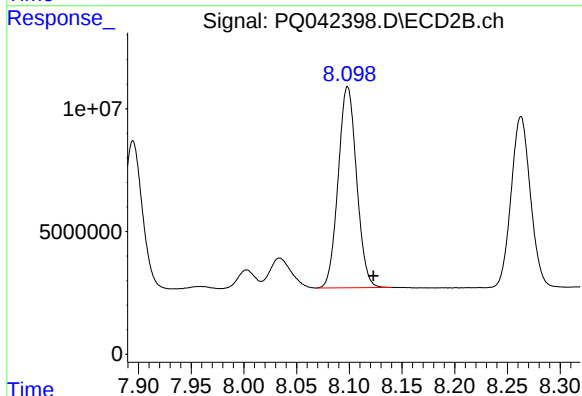
R.T.: 7.895 min
Delta R.T.: -0.026 min
Response: 74202780
Conc: 408.99 ng/ml



#32 AR-1260-2

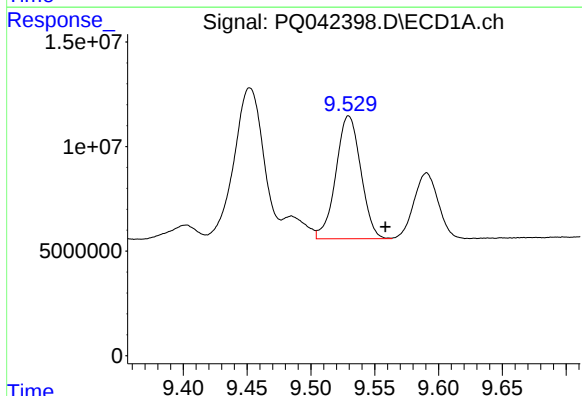
R.T.: 9.154 min
Delta R.T.: -0.004 min
Response: 95359517
Conc: 378.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



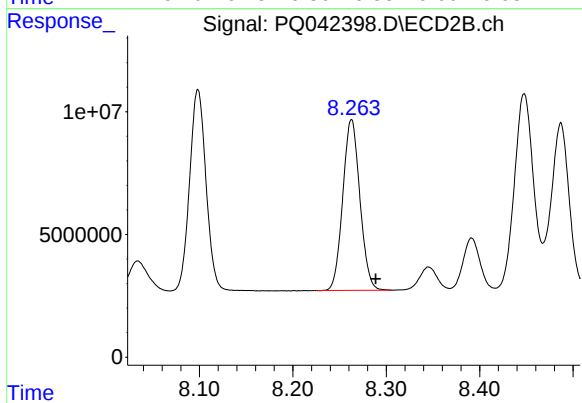
#32 AR-1260-2

R.T.: 8.098 min
Delta R.T.: -0.025 min
Response: 99713997
Conc: 406.44 ng/ml



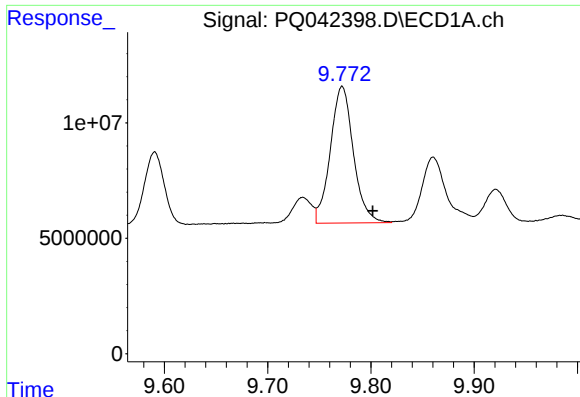
#33 AR-1260-3

R.T.: 9.530 min
Delta R.T.: -0.029 min
Response: 79768874
Conc: 348.13 ng/ml



#33 AR-1260-3

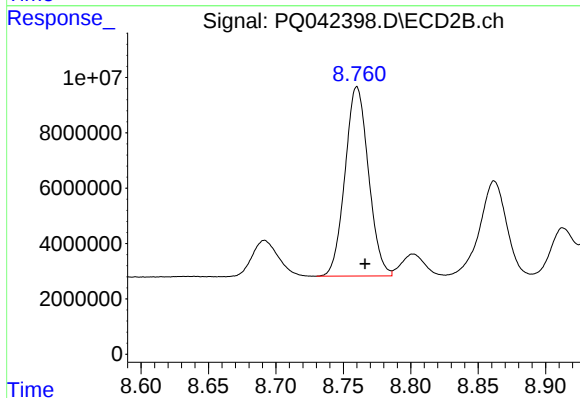
R.T.: 8.263 min
Delta R.T.: -0.026 min
Response: 88690571
Conc: 416.82 ng/ml



#34 AR-1260-4

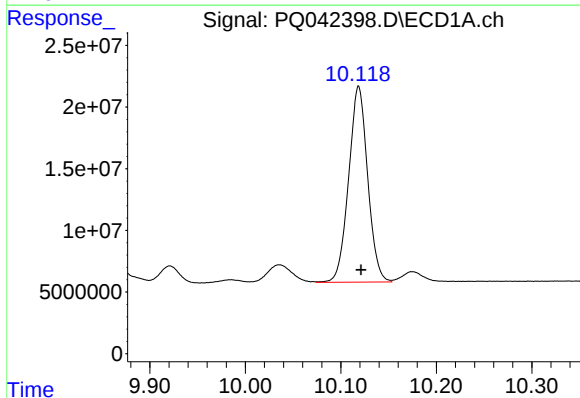
R.T.: 9.772 min
Delta R.T.: -0.029 min
Response: 92100011
Conc: 360.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



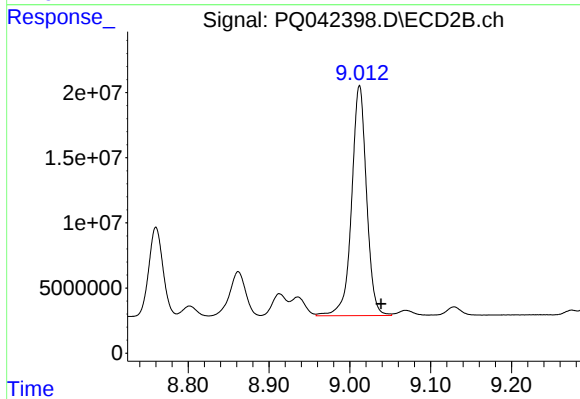
#34 AR-1260-4

R.T.: 8.760 min
Delta R.T.: -0.006 min
Response: 82915757
Conc: 409.89 ng/ml



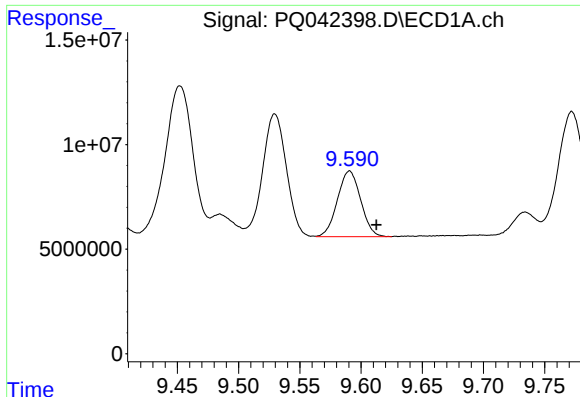
#35 AR-1260-5

R.T.: 10.119 min
Delta R.T.: -0.002 min
Response: 219889486
Conc: 326.44 ng/ml



#35 AR-1260-5

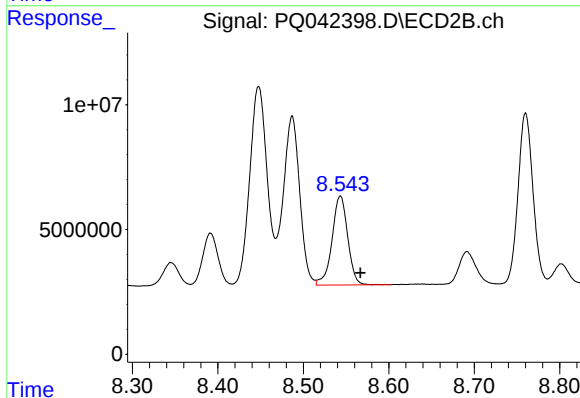
R.T.: 9.012 min
Delta R.T.: -0.027 min
Response: 226445042
Conc: 383.67 ng/ml



#36 AR-1262-1

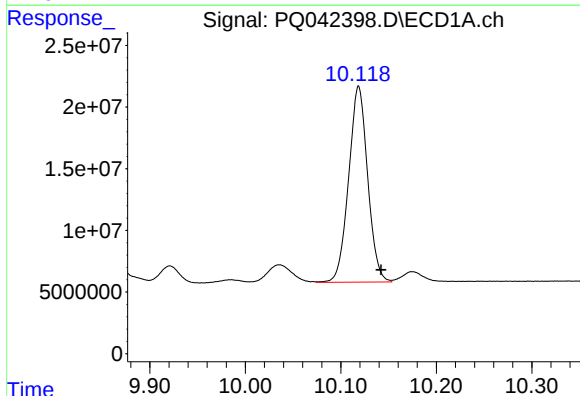
R.T.: 9.591 min
Delta R.T.: -0.022 min
Response: 41513970
Conc: 270.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



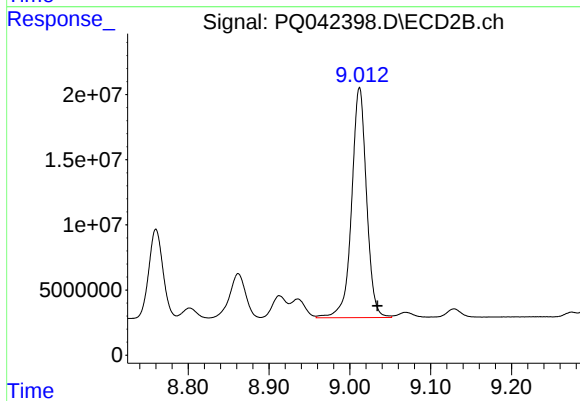
#36 AR-1262-1

R.T.: 8.543 min
Delta R.T.: -0.023 min
Response: 45567403
Conc: 317.62 ng/ml



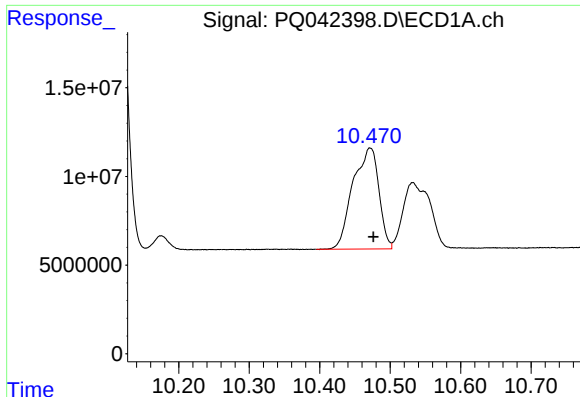
#37 AR-1262-2

R.T.: 10.119 min
Delta R.T.: -0.023 min
Response: 219889486
Conc: 251.18 ng/ml



#37 AR-1262-2

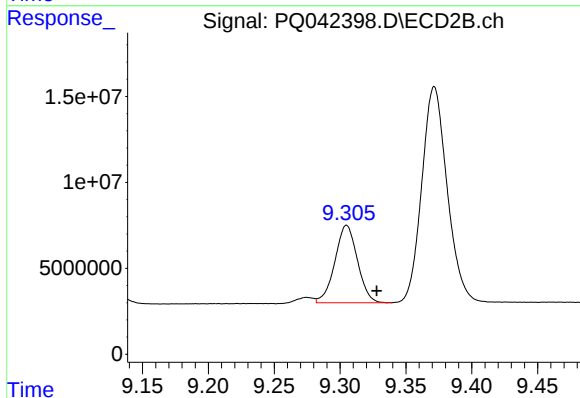
R.T.: 9.012 min
Delta R.T.: -0.022 min
Response: 226445042
Conc: 305.57 ng/ml



#38 AR-1262-3

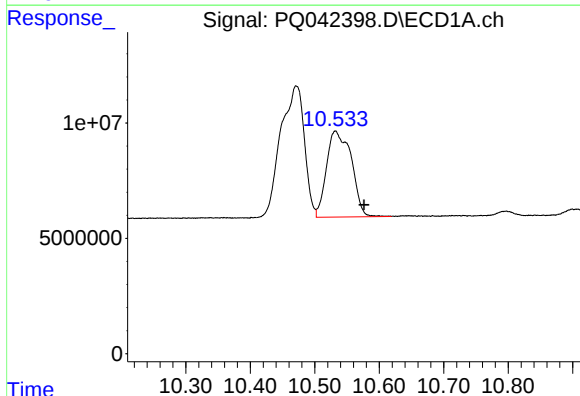
R.T.: 10.471 min
Delta R.T.: -0.005 min
Response: 145979138
Conc: 229.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



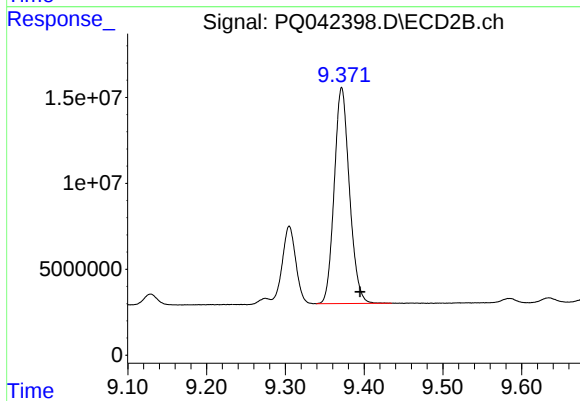
#38 AR-1262-3

R.T.: 9.305 min
Delta R.T.: -0.023 min
Response: 53763755
Conc: 169.94 ng/ml



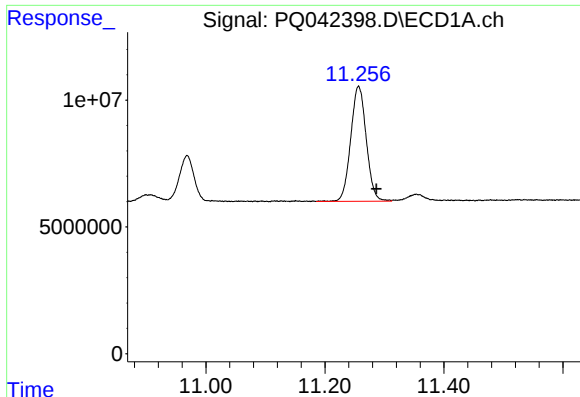
#39 AR-1262-4

R.T.: 10.532 min
Delta R.T.: -0.044 min
Response: 99701268
Conc: 199.12 ng/ml



#39 AR-1262-4

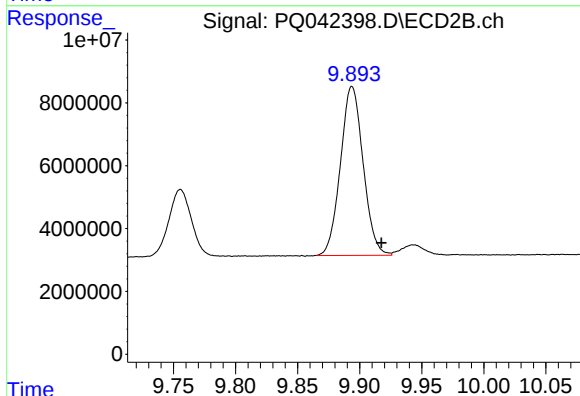
R.T.: 9.372 min
Delta R.T.: -0.023 min
Response: 168813584
Conc: 300.18 ng/ml



#40 AR-1262-5

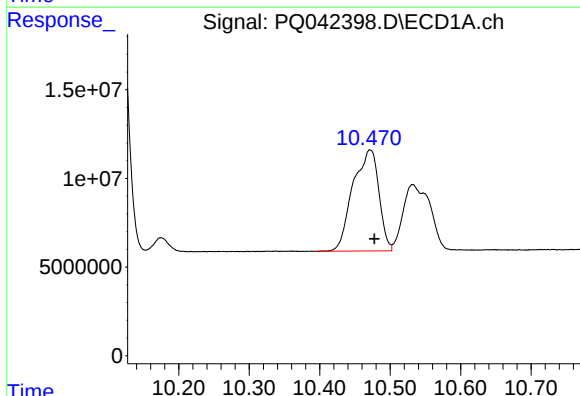
R.T.: 11.257 min
Delta R.T.: -0.030 min
Response: 82097735
Conc: 201.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



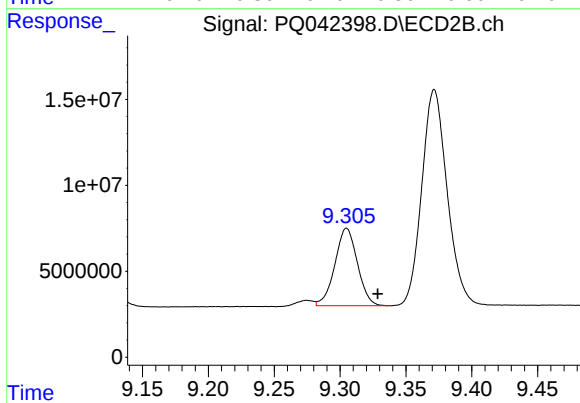
#40 AR-1262-5

R.T.: 9.894 min
Delta R.T.: -0.024 min
Response: 68417275
Conc: 239.55 ng/ml



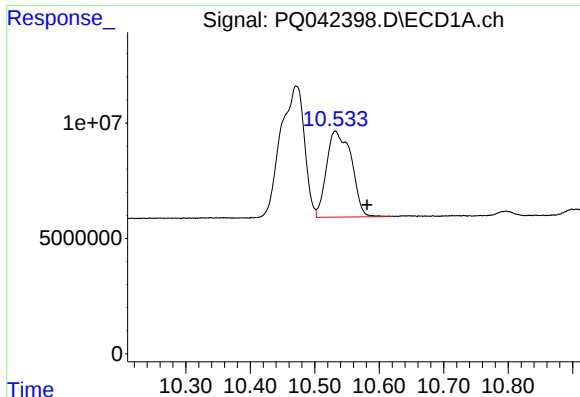
#41 AR-1268-1

R.T.: 10.471 min
Delta R.T.: -0.006 min
Response: 145979138
Conc: 102.47 ng/ml



#41 AR-1268-1

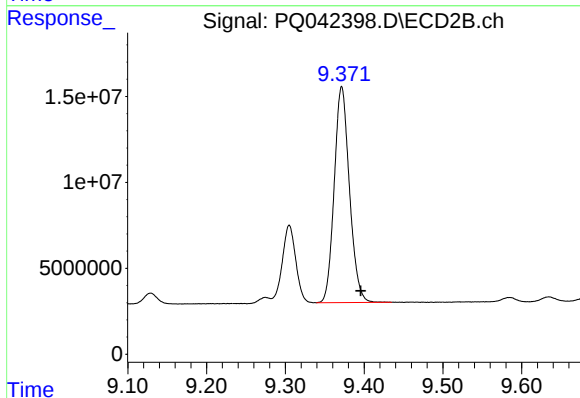
R.T.: 9.305 min
Delta R.T.: -0.024 min
Response: 53763755
Conc: 47.03 ng/ml



#42 AR-1268-2

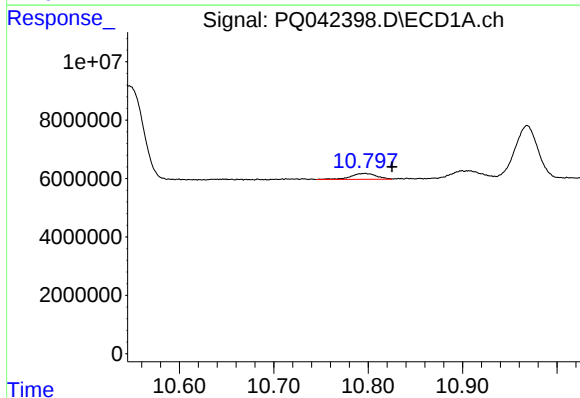
R.T.: 10.532 min
Delta R.T.: -0.049 min
Response: 99701268
Conc: 75.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



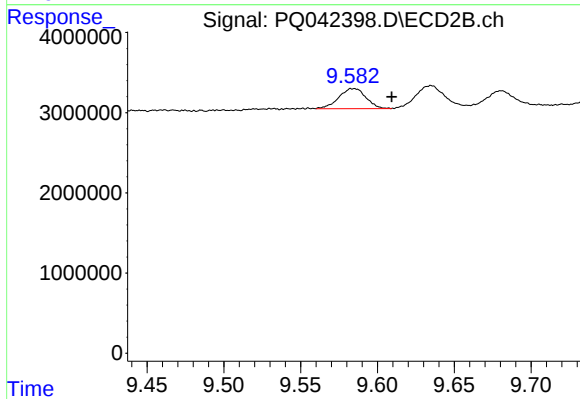
#42 AR-1268-2

R.T.: 9.372 min
Delta R.T.: -0.024 min
Response: 168813584
Conc: 164.45 ng/ml



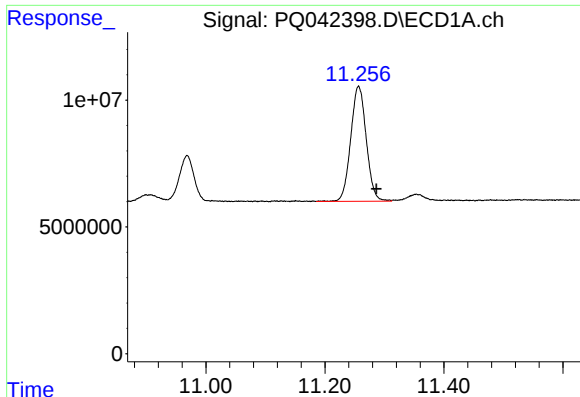
#43 AR-1268-3

R.T.: 10.797 min
Delta R.T.: -0.029 min
Response: 3855278
Conc: 3.29 ng/ml



#43 AR-1268-3

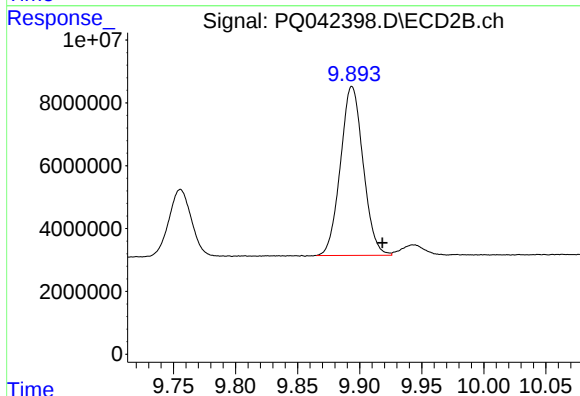
R.T.: 9.584 min
Delta R.T.: -0.025 min
Response: 3090021
Conc: 3.56 ng/ml



#44 AR-1268-4

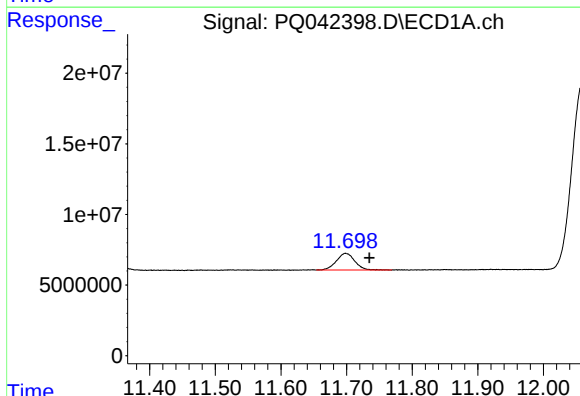
R.T.: 11.257 min
Delta R.T.: -0.030 min
Response: 82097735
Conc: 150.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



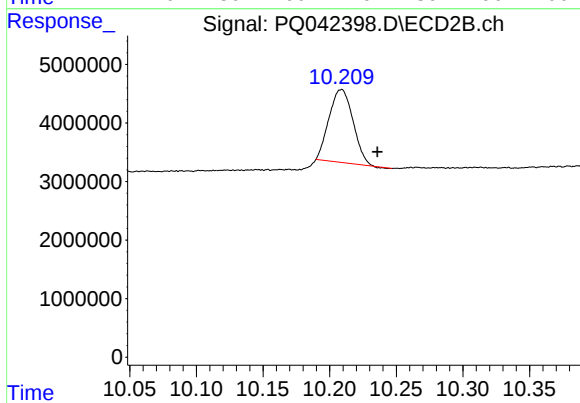
#44 AR-1268-4

R.T.: 9.894 min
Delta R.T.: -0.025 min
Response: 68417275
Conc: 177.86 ng/ml



#45 AR-1268-5

R.T.: 11.699 min
Delta R.T.: -0.036 min
Response: 23346535
Conc: 5.76 ng/ml



#45 AR-1268-5

R.T.: 10.209 min
Delta R.T.: -0.027 min
Response: 15599265
Conc: 6.01 ng/ml