

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112018\
 Data File : PQ034697.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2018 14:27
 Operator : SM\SJ
 Sample : PB114924BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 23:58:31 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 09 08:12:53 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.543	3.821	65215387	39172154	22.248	20.523
2)	SA Decachlor...	10.341	8.848	53020915	36603328	20.655	18.626
Target Compounds							
3)	L1 AR-1016-1	5.717	4.927	22849527	18346839	241.075	259.735
4)	L1 AR-1016-2	5.740	4.927	34107968	18346839	241.632	181.993
5)	L1 AR-1016-3	5.802	5.104	20623947	8714459	242.712	169.694 #
6)	L1 AR-1016-4	5.903	5.144	13338977	7824227	196.482	190.118
7)	L1 AR-1016-5	6.196	5.359	11481193	8509707	162.761	159.559
8)	L2 AR-1221-1	4.748	0.000	2258047	0	78.841	N.D. #
9)	L2 AR-1221-2	4.843	4.121	2803622	1817316	131.573	117.484
10)	L2 AR-1221-3	4.919	4.197	10246696	7772215	150.821	152.272
11)	L3 AR-1232-1	4.919	4.197	10246696	7772215	198.810	205.413
12)	L3 AR-1232-2	5.449	4.927	16827459	18346839	599.075	461.625
13)	L3 AR-1232-3	5.740	5.104	34107968	8714459	600.189	423.570 #
14)	L3 AR-1232-4	5.903	5.186	13338977	10464398	477.678	564.716
15)	L3 AR-1232-5	5.990	5.359	14424204	8509707	718.666	421.095 #
16)	L4 AR-1242-1	5.717	4.927	22849527	18346839	290.723	331.963
17)	L4 AR-1242-2	5.740	4.927	34107968	18346839	291.746	229.462
18)	L4 AR-1242-3	5.802	5.104	20623947	8714459	291.560	211.098 #
19)	L4 AR-1242-4	5.903	5.186	13338977	10464398	232.353	260.023
20)	L4 AR-1242-5	6.639	5.709	2299871	9352083	35.582	179.110 #
21)	L5 AR-1248-1	5.717	4.927	22849527	18346839	352.001	395.703
22)	L5 AR-1248-2	5.990	5.144	14424204	7824227	154.731	124.717
23)	L5 AR-1248-3	6.196	5.186	11481193	10464398	107.568	161.775 #
24)	L5 AR-1248-4	6.598	5.359	2208967	8509707	18.177	106.788 #
25)	L5 AR-1248-5	6.639	5.799	2299871	1980397	19.682	24.620 #
26)	L6 AR-1254-1	6.572	5.709	11623643	9352083	102.847	80.885
27)	L6 AR-1254-2	6.788	5.855	12576195	9081856	70.126	90.763 #
28)	L6 AR-1254-3	7.158	6.272	7271212	15824629	37.400	91.576 #
29)	L6 AR-1254-4	7.443	6.488	5745847	1550906	40.150	14.229 #
30)	L6 AR-1254-5	7.862	6.904	42947282	31390929	272.777	206.864
31)	L7 AR-1260-1	7.319	6.388	30614533	22985060	222.039	199.715
32)	L7 AR-1260-2	7.575	6.575	34493699	27786542	200.410	195.704
33)	L7 AR-1260-3	7.935	6.730	22188242	24201296	217.829	183.695
34)	L7 AR-1260-4	8.164	7.200	26371430	17106785	202.990	188.526
35)	L7 AR-1260-5	8.493	7.441	52201201	43797249	209.312	188.457
36)	L8 AR-1262-1	7.935	6.938	22188242	19450673	120.451	129.537
37)	L8 AR-1262-2	8.493	7.441	52201201	43797249	153.475	151.989
38)	L8 AR-1262-3	8.830	7.722	31382513	8536053	141.286	79.907 #
39)	L8 AR-1262-4	8.883	7.787	16385364	31453064	194.375	153.600
40)	L8 AR-1262-5	9.578	8.290	6626681	8502821	58.277	93.280 #
41)	L9 AR-1268-1	8.830	7.722	31382513	8536053	71.217	23.982 #

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 Quant Time: Nov 20 23:58:31 2018
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 Quant Title : GC EXTRACTABLES
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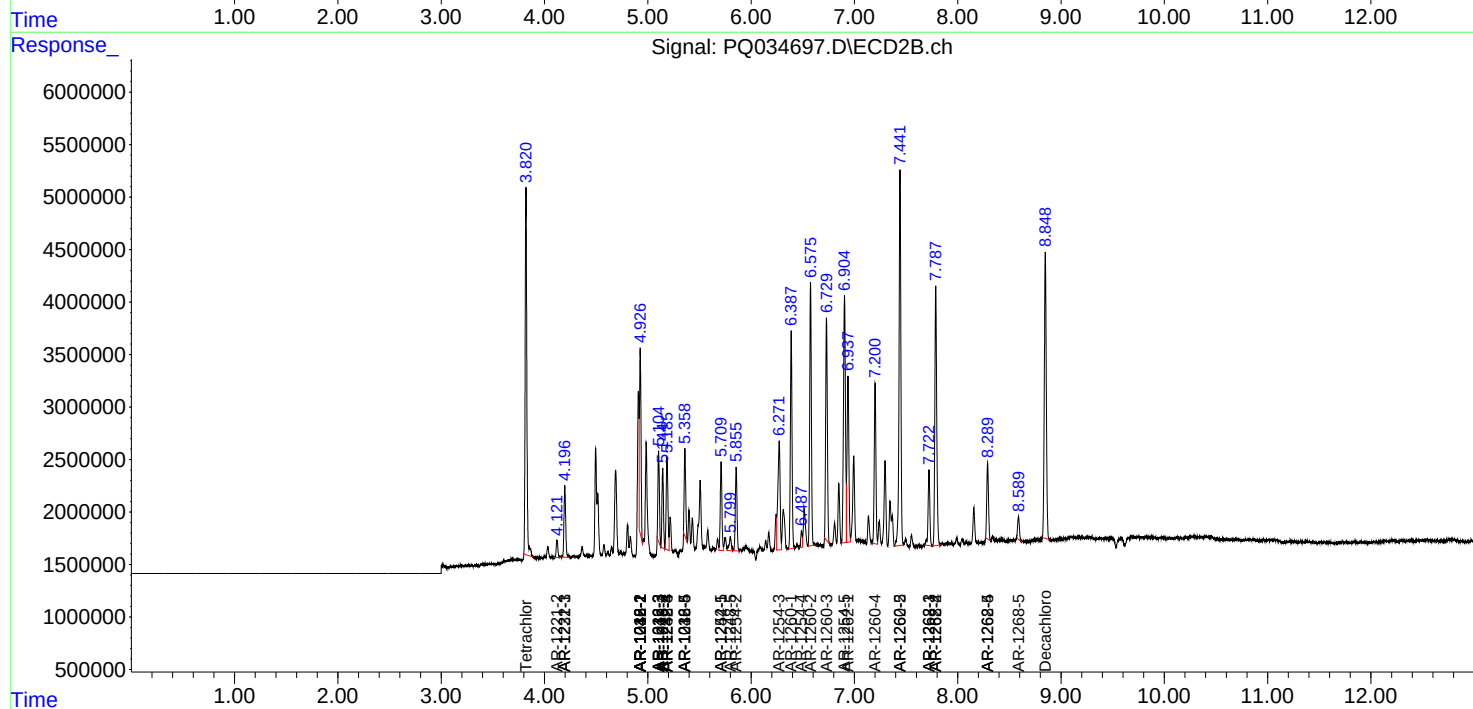
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

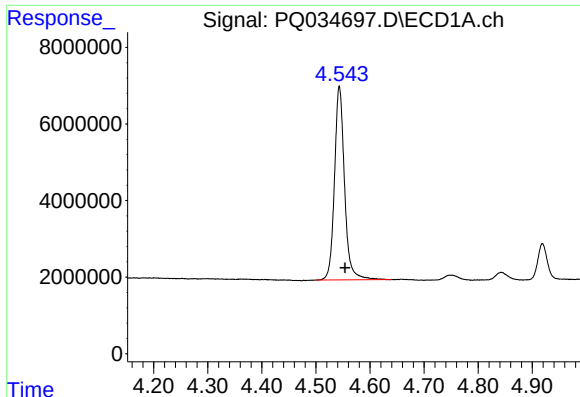
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.883	7.787	16385364	31453064	41.265	98.446 #
44) L9	AR-1268-4	9.578	8.290	6626681	8502821	48.400	76.483 #
45) L9	AR-1268-5	10.000	8.589	4005193	2625422	3.514	3.034

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

Instrument :
ECD_Q
ClientSampleId :

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

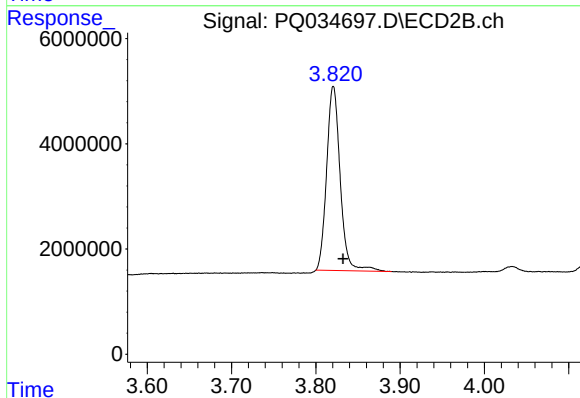




#1 Tetrachloro-m-xylene

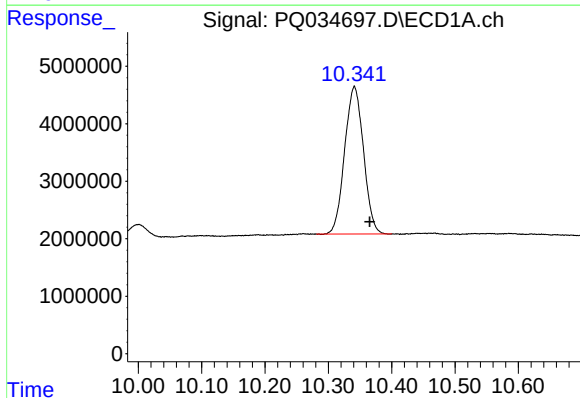
R.T.: 4.543 min
Delta R.T.: -0.011 min
Response: 65215387
Conc: 22.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



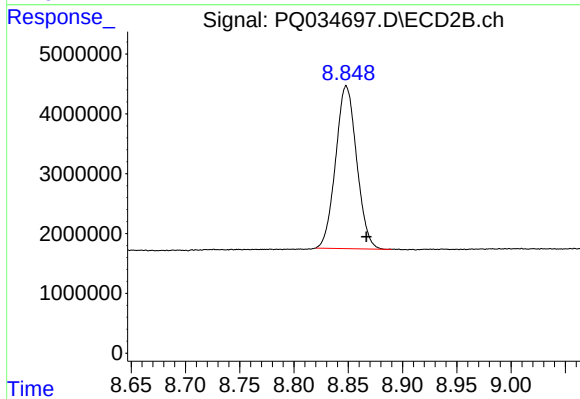
#1 Tetrachloro-m-xylene

R.T.: 3.821 min
Delta R.T.: -0.011 min
Response: 39172154
Conc: 20.52 ng/ml



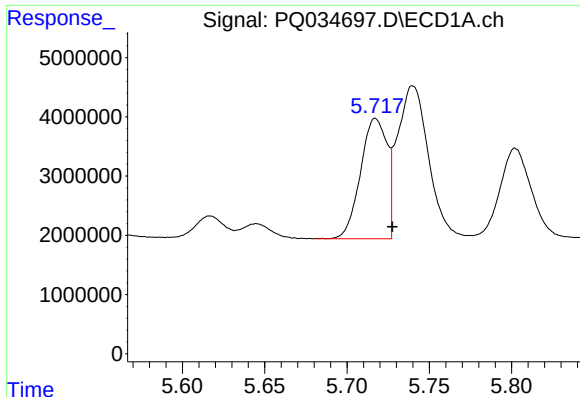
#2 Decachlorobiphenyl

R.T.: 10.341 min
Delta R.T.: -0.024 min
Response: 53020915
Conc: 20.65 ng/ml



#2 Decachlorobiphenyl

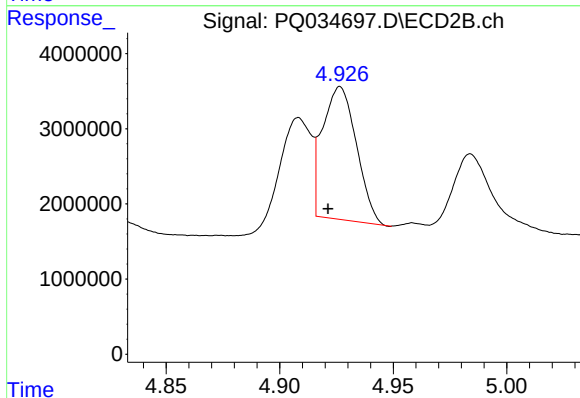
R.T.: 8.848 min
Delta R.T.: -0.018 min
Response: 36603328
Conc: 18.63 ng/ml



#3 AR-1016-1

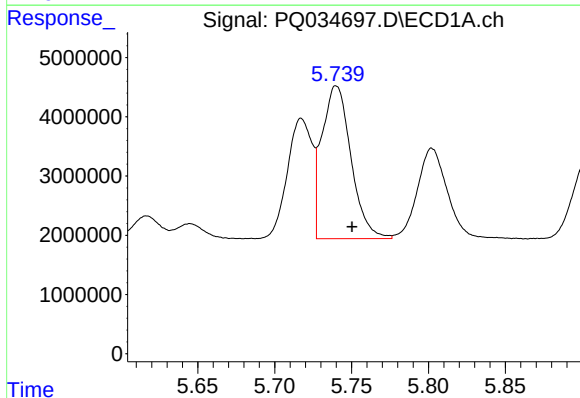
R.T.: 5.717 min
Delta R.T.: -0.010 min
Response: 22849527
Conc: 241.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



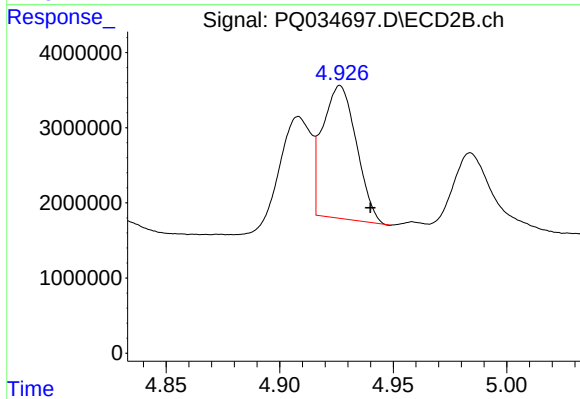
#3 AR-1016-1

R.T.: 4.927 min
Delta R.T.: 0.005 min
Response: 18346839
Conc: 259.74 ng/ml



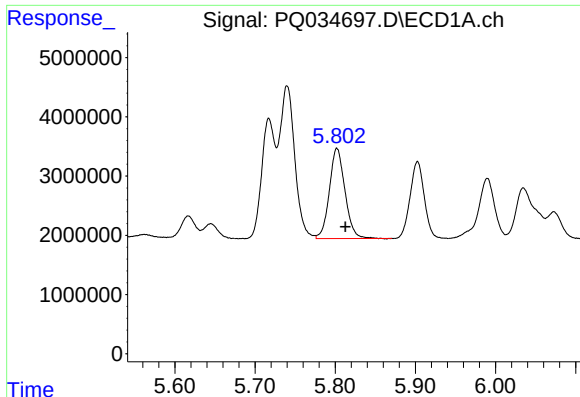
#4 AR-1016-2

R.T.: 5.740 min
Delta R.T.: -0.010 min
Response: 34107968
Conc: 241.63 ng/ml



#4 AR-1016-2

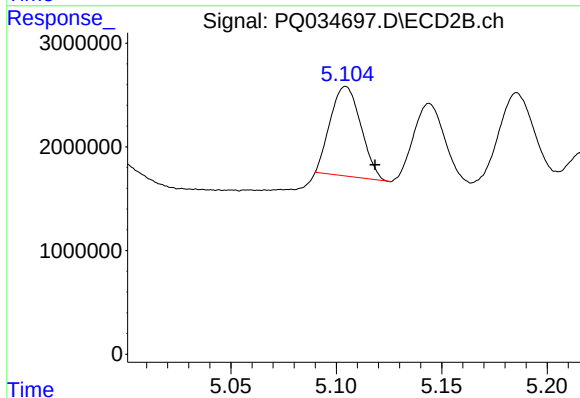
R.T.: 4.927 min
Delta R.T.: -0.013 min
Response: 18346839
Conc: 181.99 ng/ml



#5 AR-1016-3

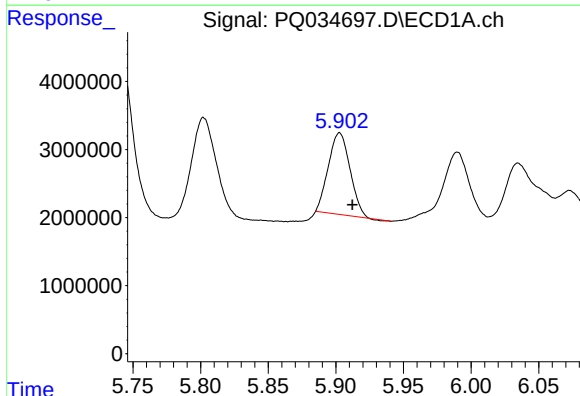
R.T.: 5.802 min
Delta R.T.: -0.011 min
Response: 20623947
Conc: 242.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



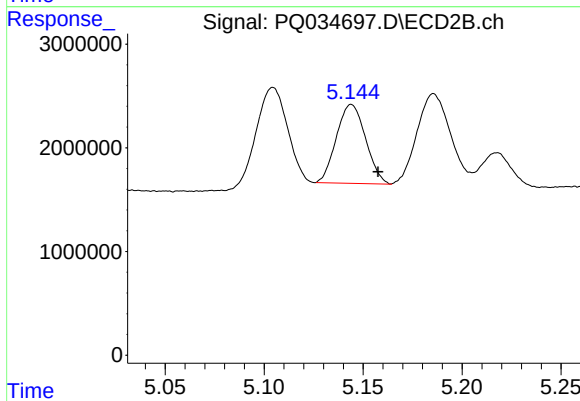
#5 AR-1016-3

R.T.: 5.104 min
Delta R.T.: -0.014 min
Response: 8714459
Conc: 169.69 ng/ml



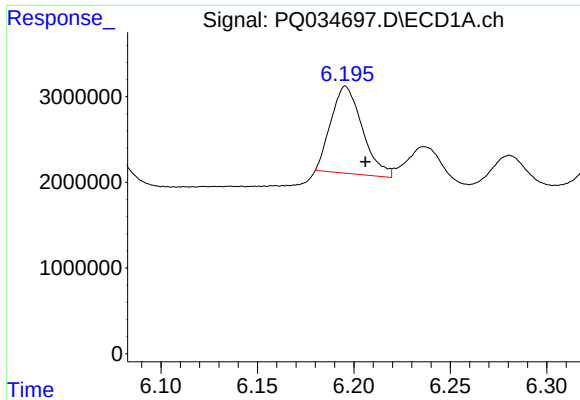
#6 AR-1016-4

R.T.: 5.903 min
Delta R.T.: -0.010 min
Response: 13338977
Conc: 196.48 ng/ml



#6 AR-1016-4

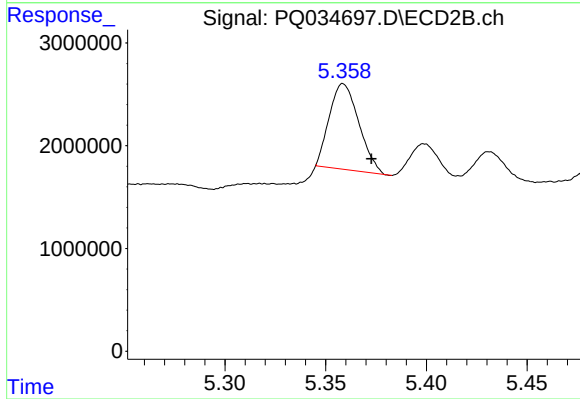
R.T.: 5.144 min
Delta R.T.: -0.013 min
Response: 7824227
Conc: 190.12 ng/ml



#7 AR-1016-5

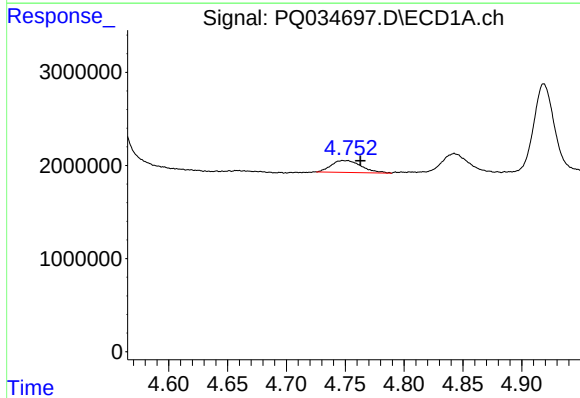
R.T.: 6.196 min
Delta R.T.: -0.010 min
Response: 11481193
Conc: 162.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



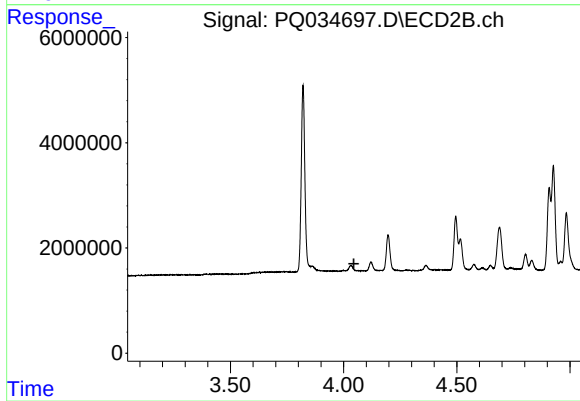
#7 AR-1016-5

R.T.: 5.359 min
Delta R.T.: -0.014 min
Response: 8509707
Conc: 159.56 ng/ml



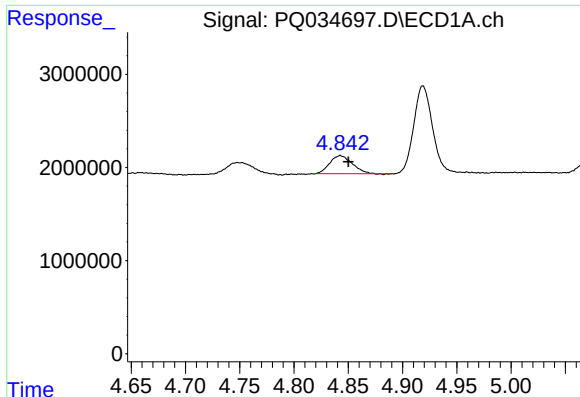
#8 AR-1221-1

R.T.: 4.748 min
Delta R.T.: -0.014 min
Response: 2258047
Conc: 78.84 ng/ml



#8 AR-1221-1

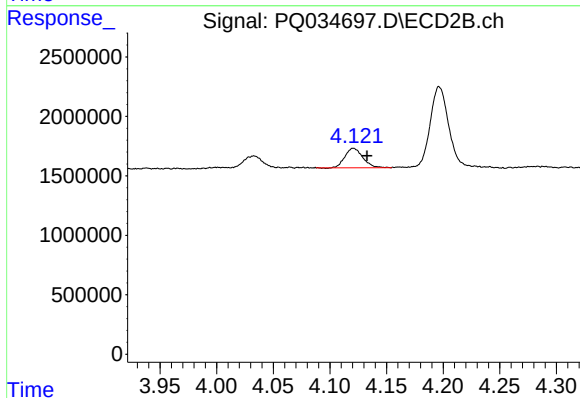
R.T.: 0.000 min
Exp R.T. : 4.046 min
Response: 0
Conc: N.D.



#9 AR-1221-2

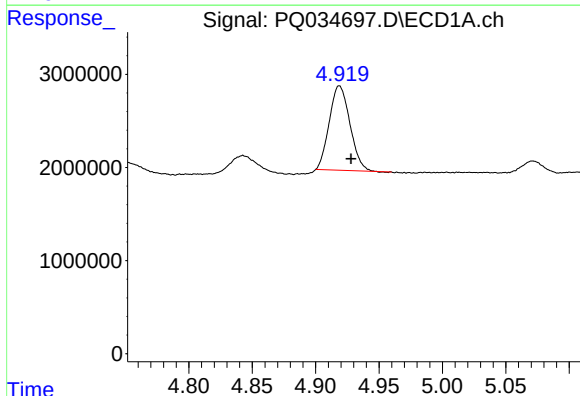
R.T.: 4.843 min
Delta R.T.: -0.007 min
Response: 2803622
Conc: 131.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



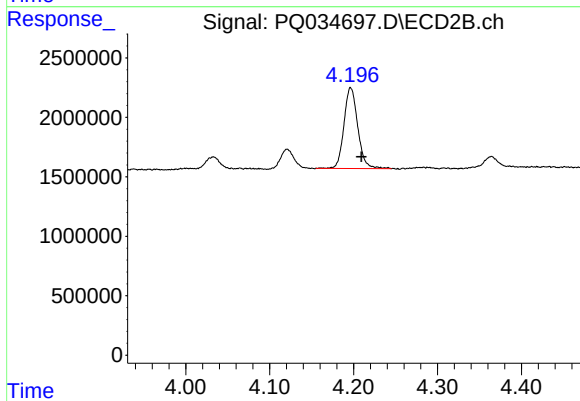
#9 AR-1221-2

R.T.: 4.121 min
Delta R.T.: -0.012 min
Response: 1817316
Conc: 117.48 ng/ml



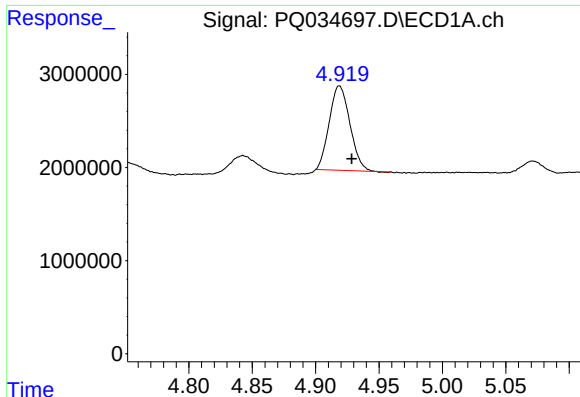
#10 AR-1221-3

R.T.: 4.919 min
Delta R.T.: -0.009 min
Response: 10246696
Conc: 150.82 ng/ml



#10 AR-1221-3

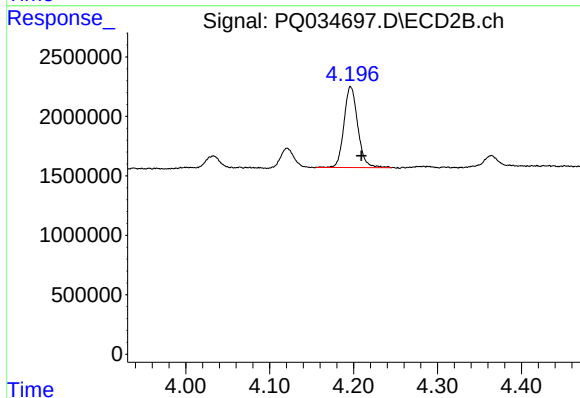
R.T.: 4.197 min
Delta R.T.: -0.013 min
Response: 7772215
Conc: 152.27 ng/ml



#11 AR-1232-1

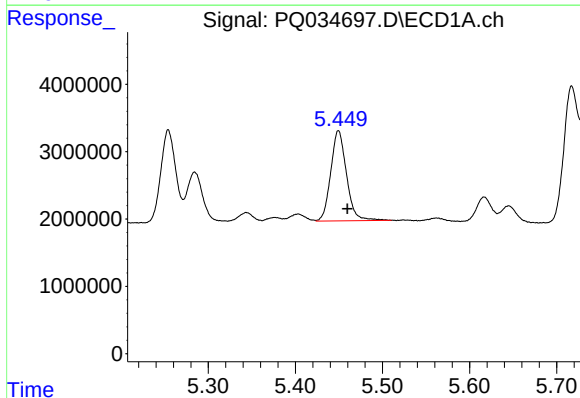
R.T.: 4.919 min
Delta R.T.: -0.010 min
Response: 10246696
Conc: 198.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



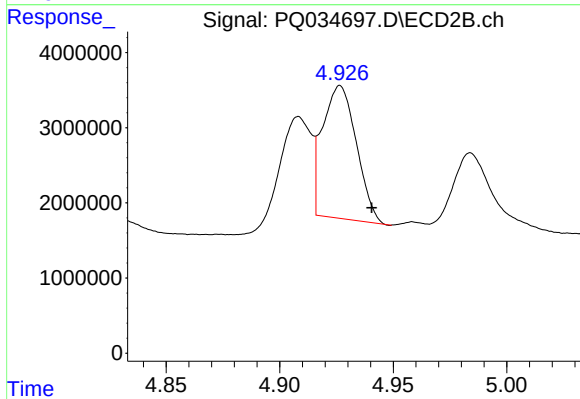
#11 AR-1232-1

R.T.: 4.197 min
Delta R.T.: -0.013 min
Response: 7772215
Conc: 205.41 ng/ml



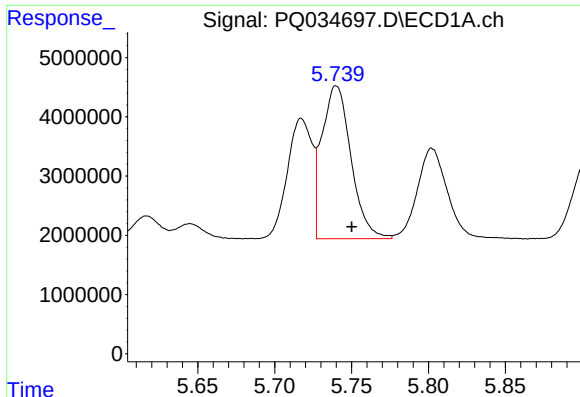
#12 AR-1232-2

R.T.: 5.449 min
Delta R.T.: -0.010 min
Response: 16827459
Conc: 599.07 ng/ml



#12 AR-1232-2

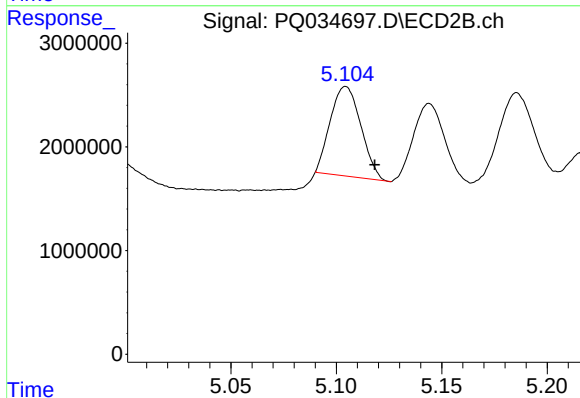
R.T.: 4.927 min
Delta R.T.: -0.014 min
Response: 18346839
Conc: 461.62 ng/ml



#13 AR-1232-3

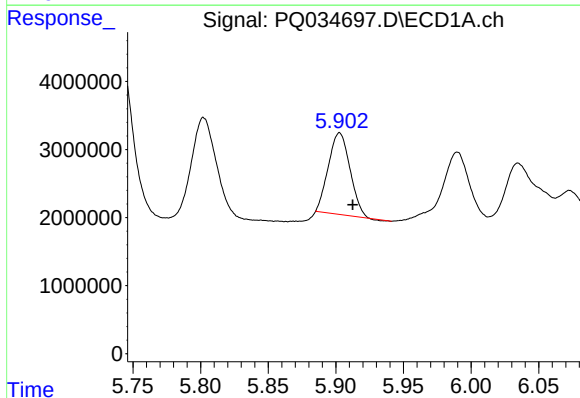
R.T.: 5.740 min
Delta R.T.: -0.010 min
Response: 34107968
Conc: 600.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



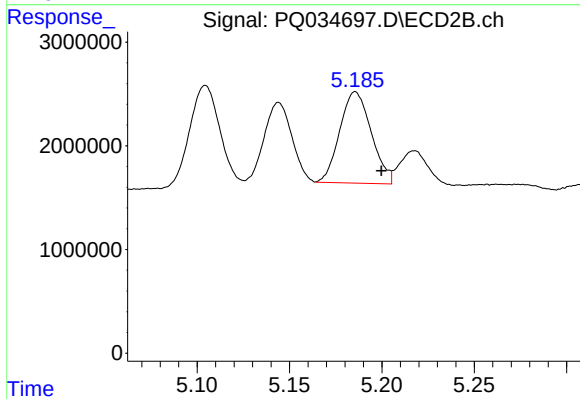
#13 AR-1232-3

R.T.: 5.104 min
Delta R.T.: -0.014 min
Response: 8714459
Conc: 423.57 ng/ml



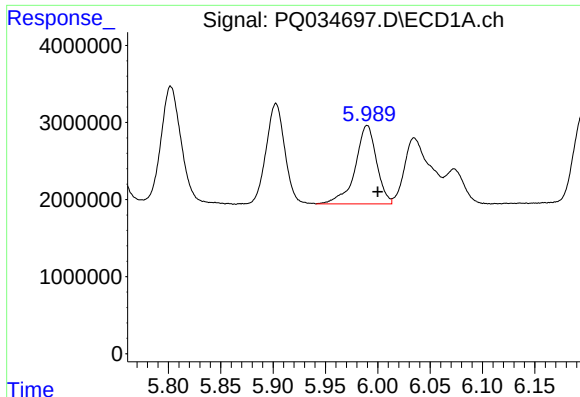
#14 AR-1232-4

R.T.: 5.903 min
Delta R.T.: -0.010 min
Response: 13338977
Conc: 477.68 ng/ml



#14 AR-1232-4

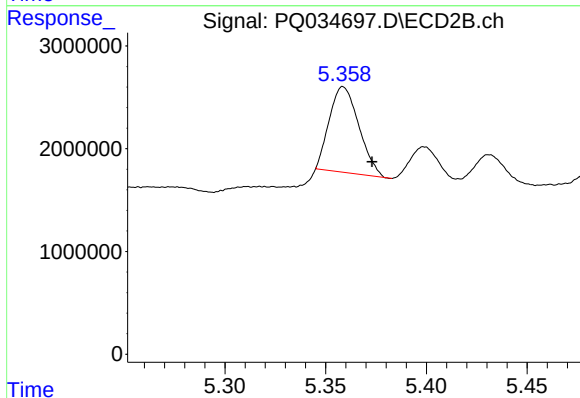
R.T.: 5.186 min
Delta R.T.: -0.014 min
Response: 10464398
Conc: 564.72 ng/ml



#15 AR-1232-5

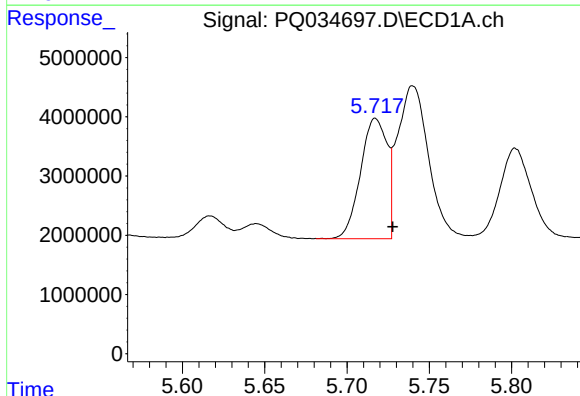
R.T.: 5.990 min
Delta R.T.: -0.010 min
Response: 14424204
Conc: 718.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



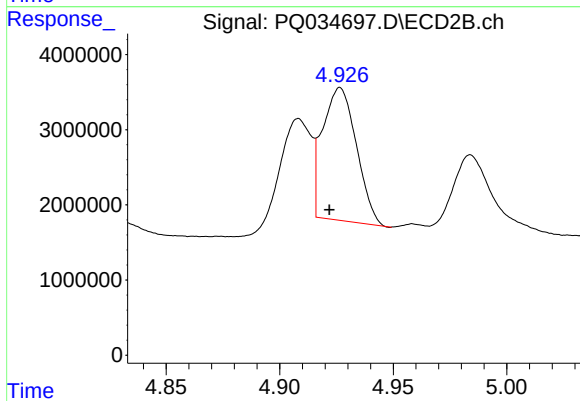
#15 AR-1232-5

R.T.: 5.359 min
Delta R.T.: -0.014 min
Response: 8509707
Conc: 421.09 ng/ml



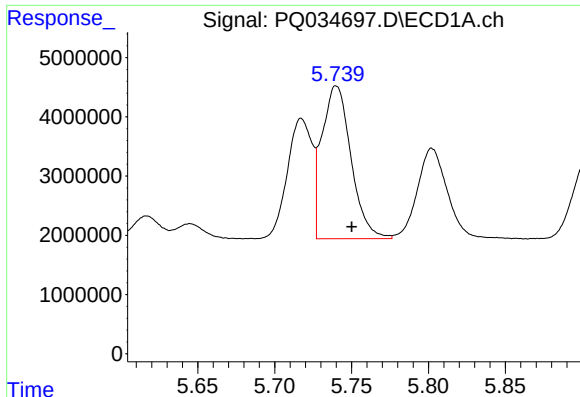
#16 AR-1242-1

R.T.: 5.717 min
Delta R.T.: -0.010 min
Response: 22849527
Conc: 290.72 ng/ml



#16 AR-1242-1

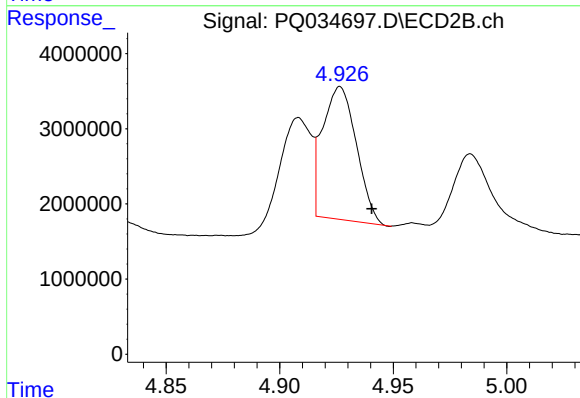
R.T.: 4.927 min
Delta R.T.: 0.005 min
Response: 18346839
Conc: 331.96 ng/ml



#17 AR-1242-2

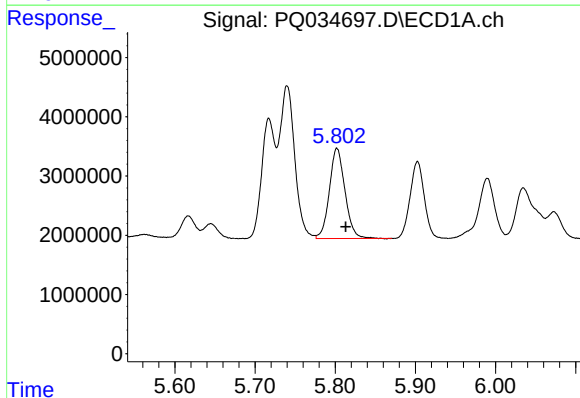
R.T.: 5.740 min
Delta R.T.: -0.010 min
Response: 34107968
Conc: 291.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



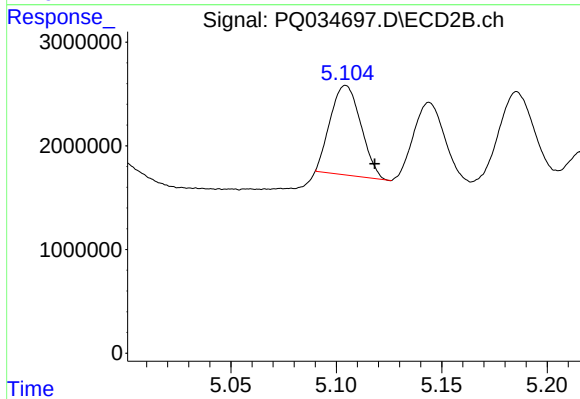
#17 AR-1242-2

R.T.: 4.927 min
Delta R.T.: -0.014 min
Response: 18346839
Conc: 229.46 ng/ml



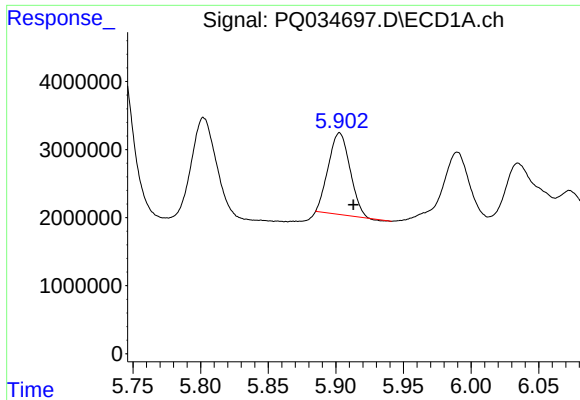
#18 AR-1242-3

R.T.: 5.802 min
Delta R.T.: -0.011 min
Response: 20623947
Conc: 291.56 ng/ml



#18 AR-1242-3

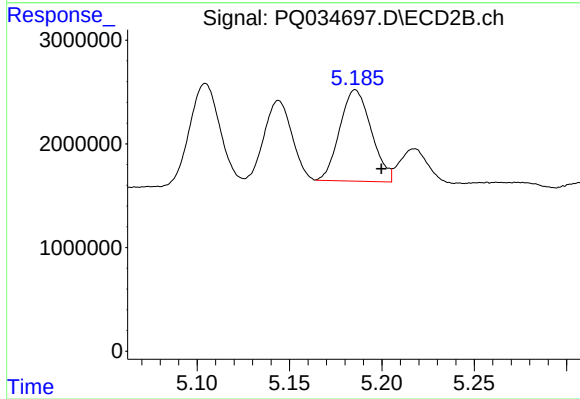
R.T.: 5.104 min
Delta R.T.: -0.014 min
Response: 8714459
Conc: 211.10 ng/ml



#19 AR-1242-4

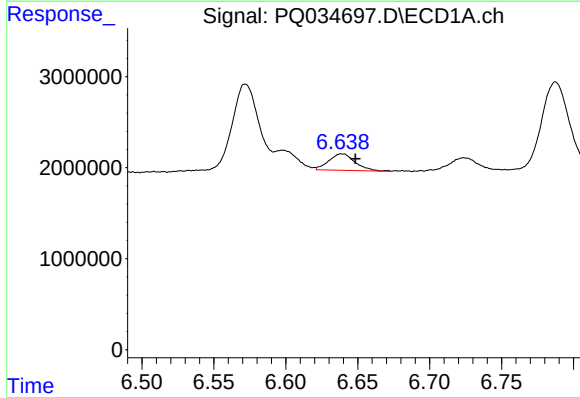
R.T.: 5.903 min
Delta R.T.: -0.010 min
Response: 13338977
Conc: 232.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



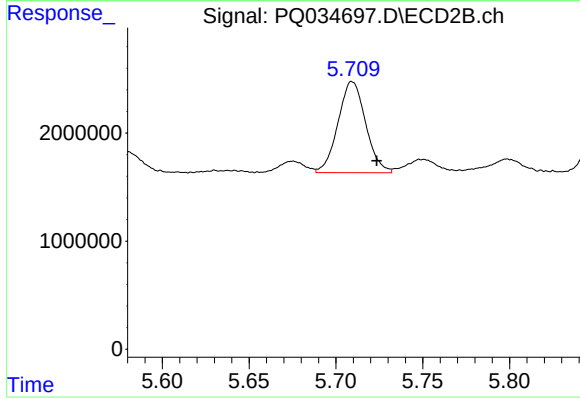
#19 AR-1242-4

R.T.: 5.186 min
Delta R.T.: -0.014 min
Response: 10464398
Conc: 260.02 ng/ml



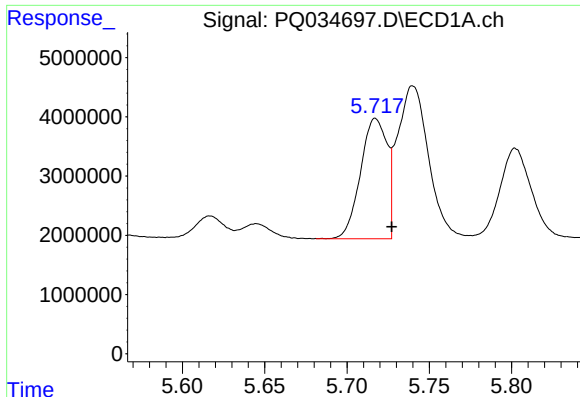
#20 AR-1242-5

R.T.: 6.639 min
Delta R.T.: -0.009 min
Response: 2299871
Conc: 35.58 ng/ml



#20 AR-1242-5

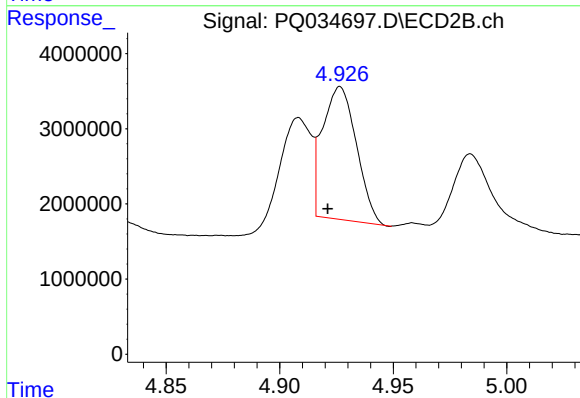
R.T.: 5.709 min
Delta R.T.: -0.014 min
Response: 9352083
Conc: 179.11 ng/ml



#21 AR-1248-1

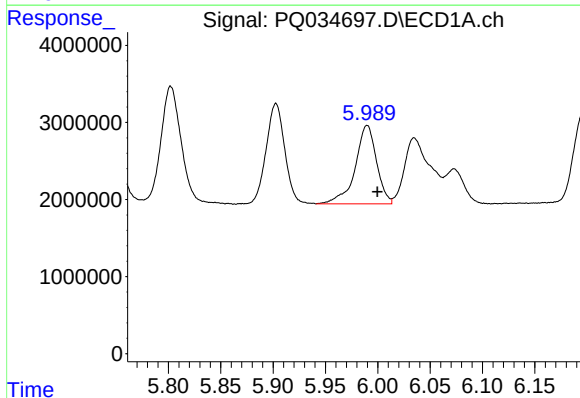
R.T.: 5.717 min
Delta R.T.: -0.010 min
Response: 22849527
Conc: 352.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



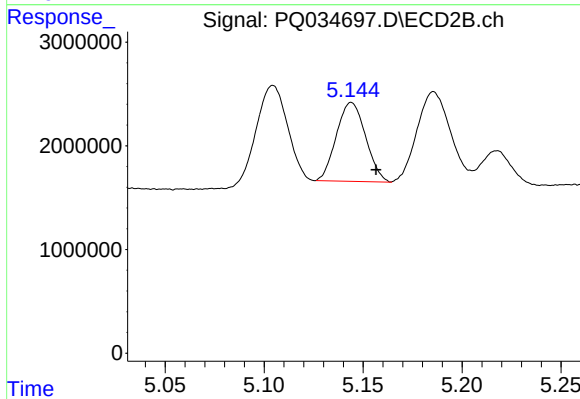
#21 AR-1248-1

R.T.: 4.927 min
Delta R.T.: 0.005 min
Response: 18346839
Conc: 395.70 ng/ml



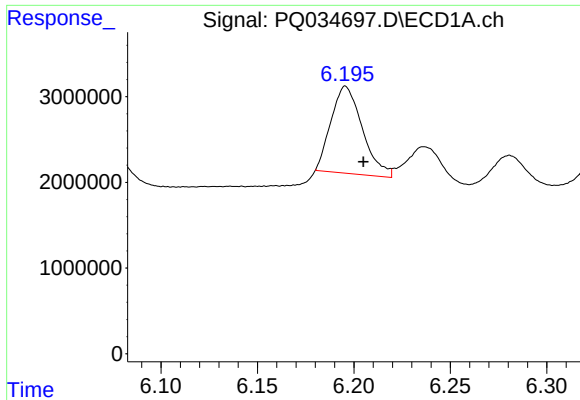
#22 AR-1248-2

R.T.: 5.990 min
Delta R.T.: -0.010 min
Response: 14424204
Conc: 154.73 ng/ml



#22 AR-1248-2

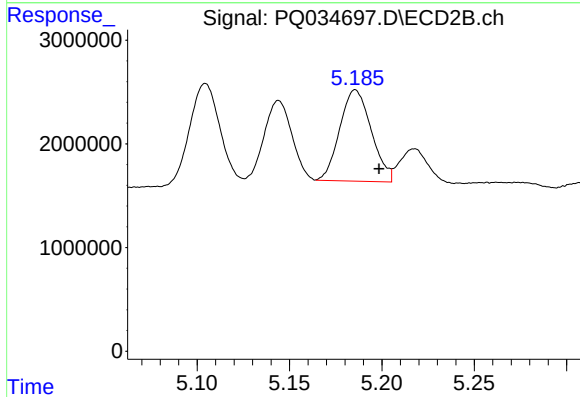
R.T.: 5.144 min
Delta R.T.: -0.012 min
Response: 7824227
Conc: 124.72 ng/ml



#23 AR-1248-3

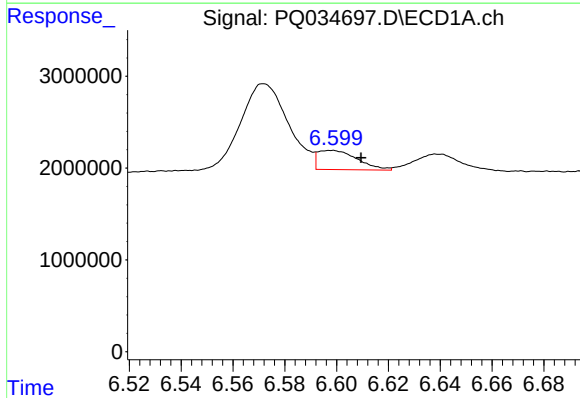
R.T.: 6.196 min
Delta R.T.: -0.009 min
Response: 11481193
Conc: 107.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



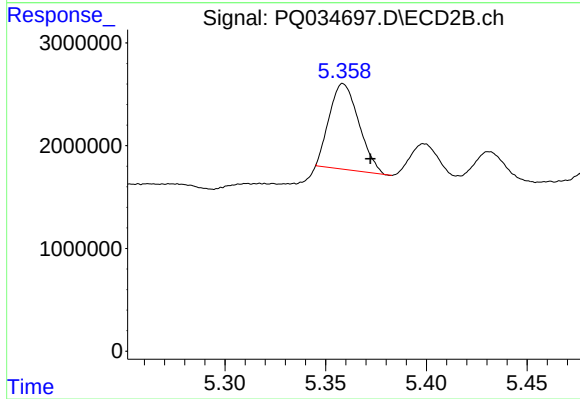
#23 AR-1248-3

R.T.: 5.186 min
Delta R.T.: -0.013 min
Response: 10464398
Conc: 161.78 ng/ml



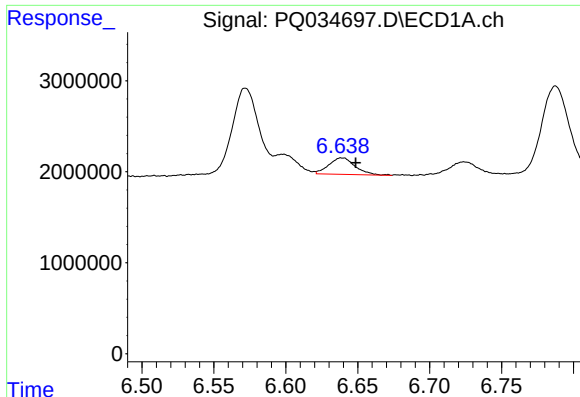
#24 AR-1248-4

R.T.: 6.598 min
Delta R.T.: -0.012 min
Response: 2208967
Conc: 18.18 ng/ml



#24 AR-1248-4

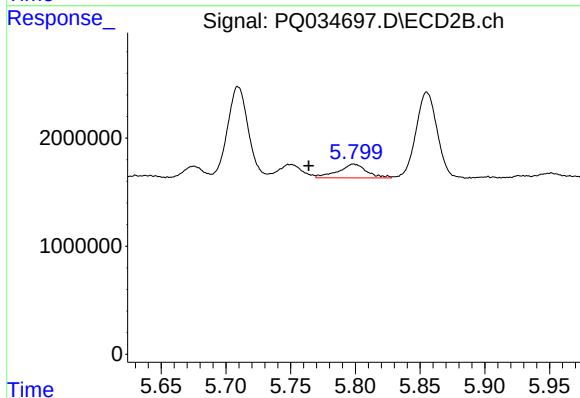
R.T.: 5.359 min
Delta R.T.: -0.013 min
Response: 8509707
Conc: 106.79 ng/ml



#25 AR-1248-5

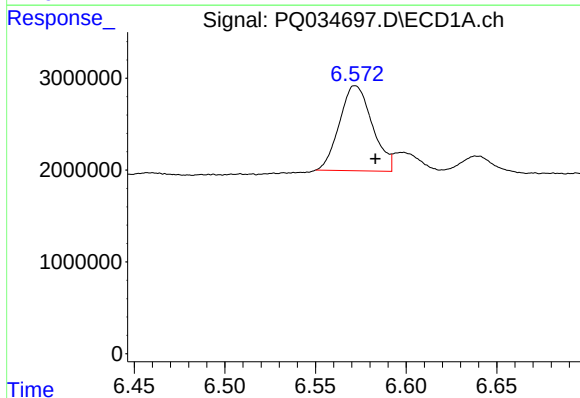
R.T.: 6.639 min
Delta R.T.: -0.009 min
Response: 2299871
Conc: 19.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



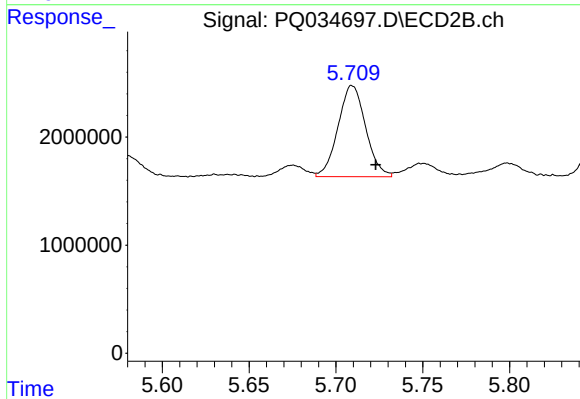
#25 AR-1248-5

R.T.: 5.799 min
Delta R.T.: 0.035 min
Response: 1980397
Conc: 24.62 ng/ml



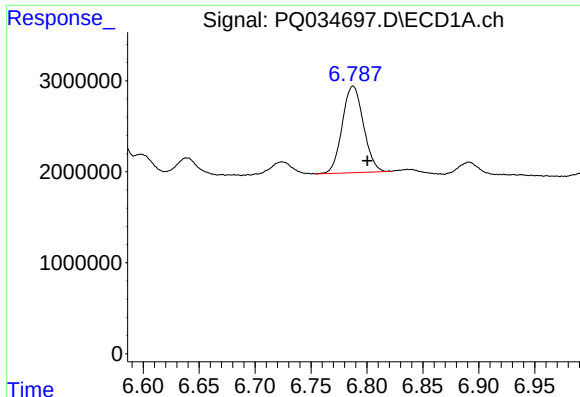
#26 AR-1254-1

R.T.: 6.572 min
Delta R.T.: -0.011 min
Response: 11623643
Conc: 102.85 ng/ml



#26 AR-1254-1

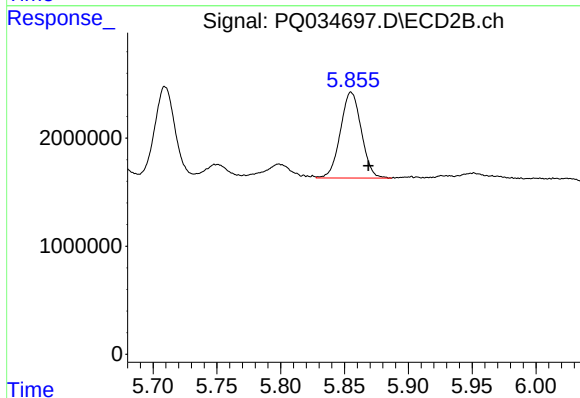
R.T.: 5.709 min
Delta R.T.: -0.014 min
Response: 9352083
Conc: 80.89 ng/ml



#27 AR-1254-2

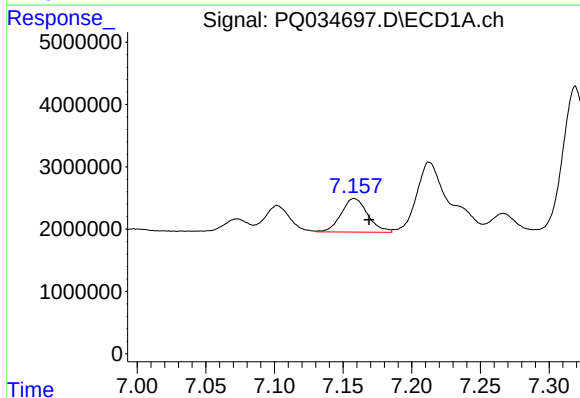
R.T.: 6.788 min
Delta R.T.: -0.013 min
Response: 12576195
Conc: 70.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



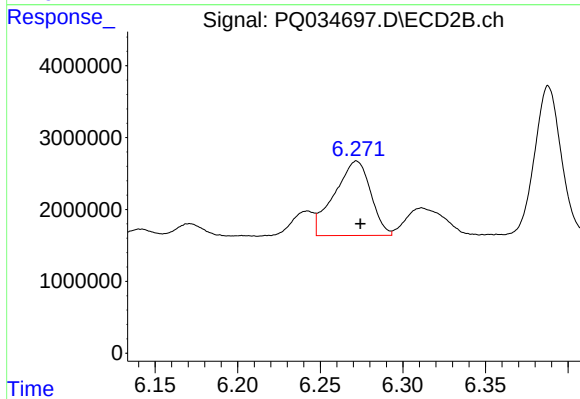
#27 AR-1254-2

R.T.: 5.855 min
Delta R.T.: -0.014 min
Response: 9081856
Conc: 90.76 ng/ml



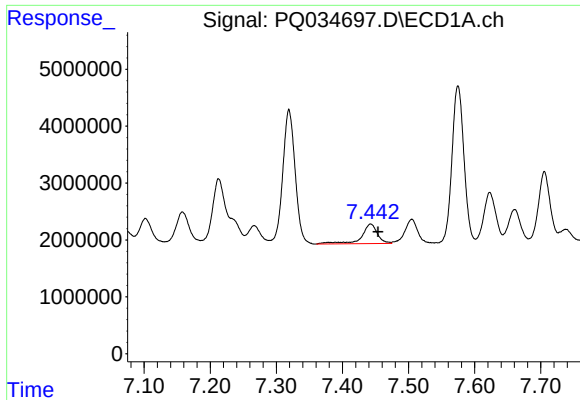
#28 AR-1254-3

R.T.: 7.158 min
Delta R.T.: -0.011 min
Response: 7271212
Conc: 37.40 ng/ml



#28 AR-1254-3

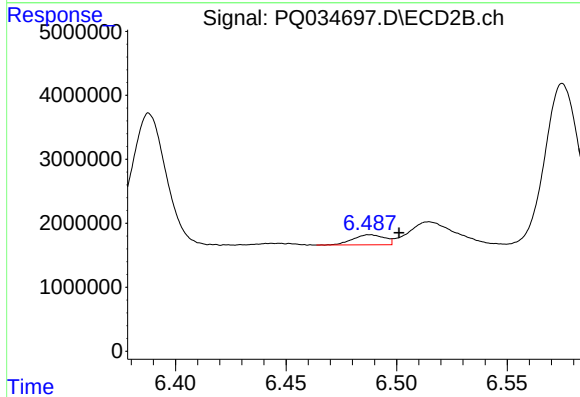
R.T.: 6.272 min
Delta R.T.: -0.002 min
Response: 15824629
Conc: 91.58 ng/ml



#29 AR-1254-4

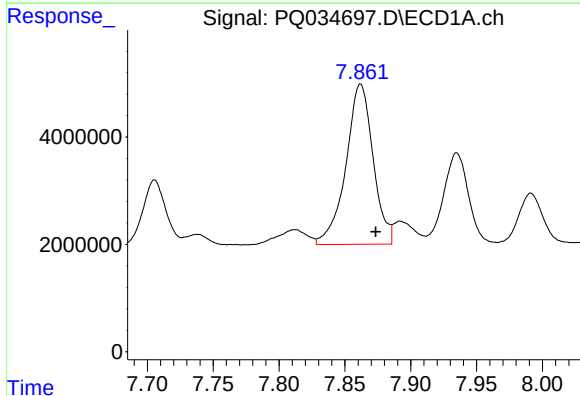
R.T.: 7.443 min
Delta R.T.: -0.011 min
Response: 5745847
Conc: 40.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



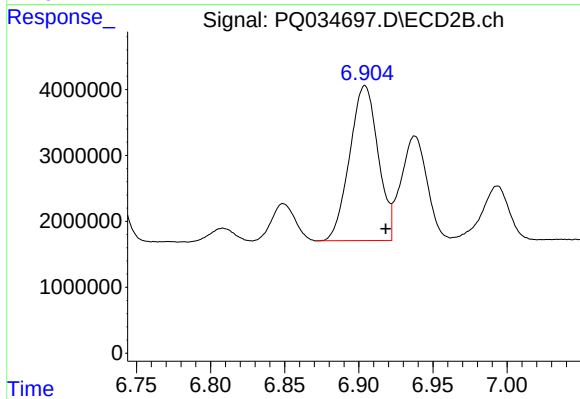
#29 AR-1254-4

R.T.: 6.488 min
Delta R.T.: -0.013 min
Response: 1550906
Conc: 14.23 ng/ml



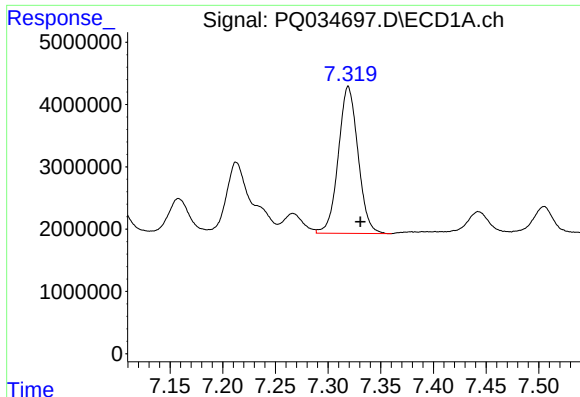
#30 AR-1254-5

R.T.: 7.862 min
Delta R.T.: -0.012 min
Response: 42947282
Conc: 272.78 ng/ml



#30 AR-1254-5

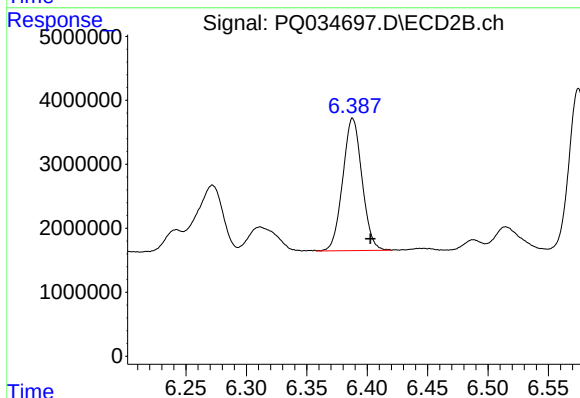
R.T.: 6.904 min
Delta R.T.: -0.014 min
Response: 31390929
Conc: 206.86 ng/ml



#31 AR-1260-1

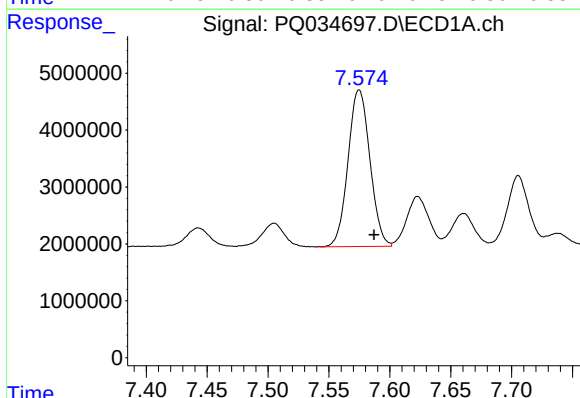
R.T.: 7.319 min
Delta R.T.: -0.012 min
Response: 30614533
Conc: 222.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



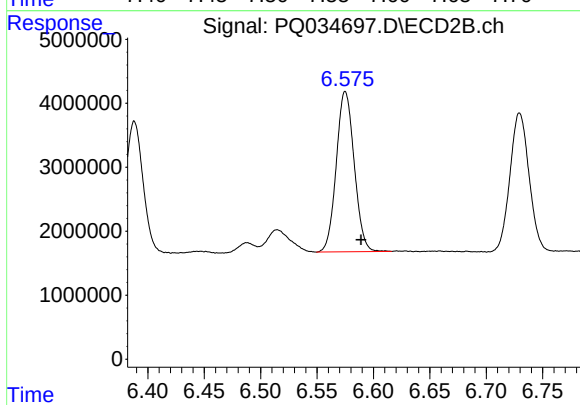
#31 AR-1260-1

R.T.: 6.388 min
Delta R.T.: -0.015 min
Response: 22985060
Conc: 199.71 ng/ml



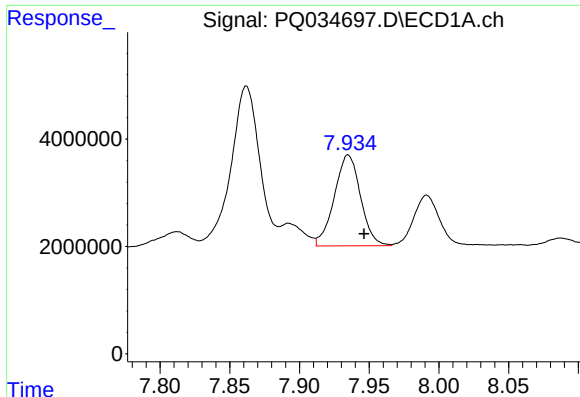
#32 AR-1260-2

R.T.: 7.575 min
Delta R.T.: -0.012 min
Response: 34493699
Conc: 200.41 ng/ml



#32 AR-1260-2

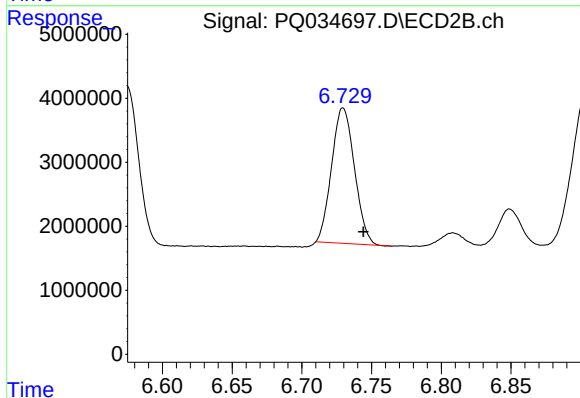
R.T.: 6.575 min
Delta R.T.: -0.014 min
Response: 27786542
Conc: 195.70 ng/ml



#33 AR-1260-3

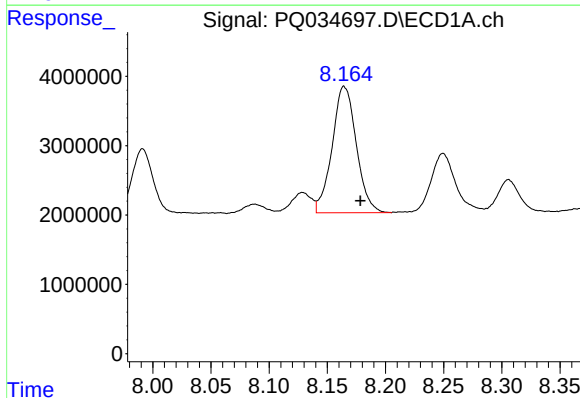
R.T.: 7.935 min
Delta R.T.: -0.011 min
Response: 22188242
Conc: 217.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



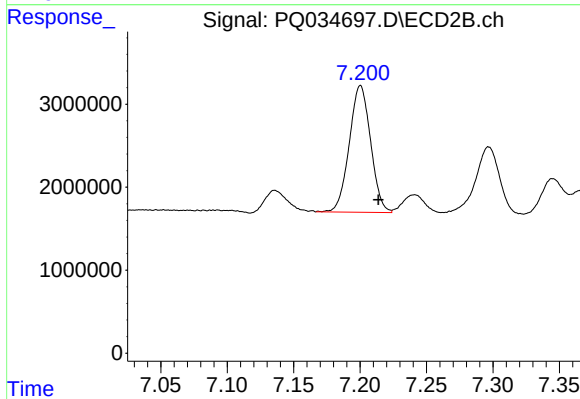
#33 AR-1260-3

R.T.: 6.730 min
Delta R.T.: -0.014 min
Response: 24201296
Conc: 183.69 ng/ml



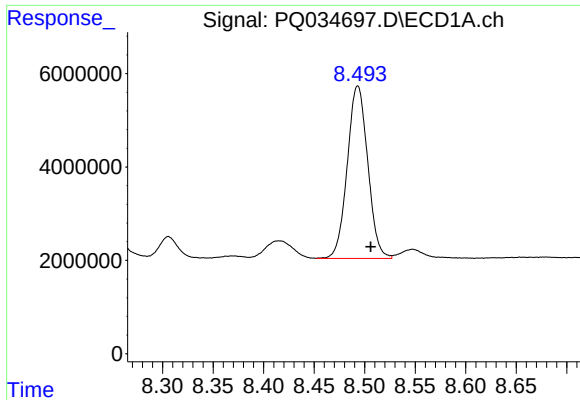
#34 AR-1260-4

R.T.: 8.164 min
Delta R.T.: -0.014 min
Response: 26371430
Conc: 202.99 ng/ml



#34 AR-1260-4

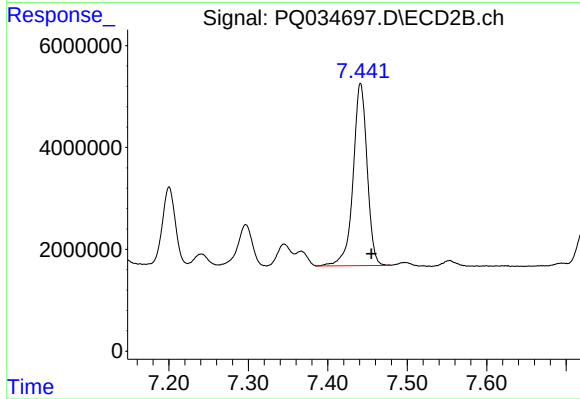
R.T.: 7.200 min
Delta R.T.: -0.014 min
Response: 17106785
Conc: 188.53 ng/ml



#35 AR-1260-5

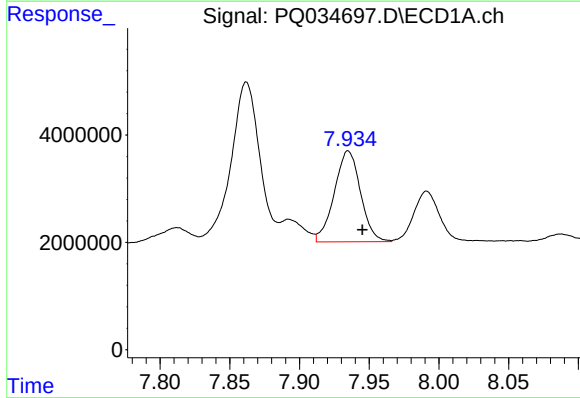
R.T.: 8.493 min
Delta R.T.: -0.013 min
Response: 52201201
Conc: 209.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



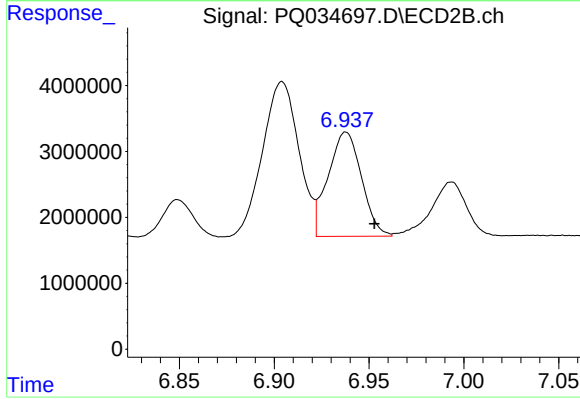
#35 AR-1260-5

R.T.: 7.441 min
Delta R.T.: -0.014 min
Response: 43797249
Conc: 188.46 ng/ml



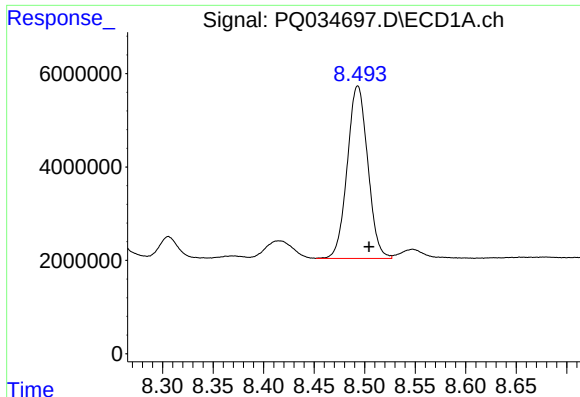
#36 AR-1262-1

R.T.: 7.935 min
Delta R.T.: -0.010 min
Response: 22188242
Conc: 120.45 ng/ml



#36 AR-1262-1

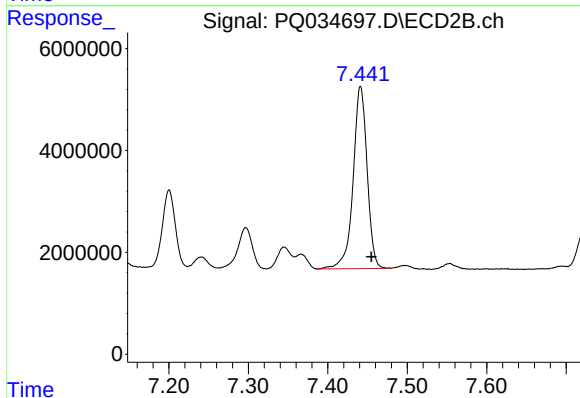
R.T.: 6.938 min
Delta R.T.: -0.015 min
Response: 19450673
Conc: 129.54 ng/ml



#37 AR-1262-2

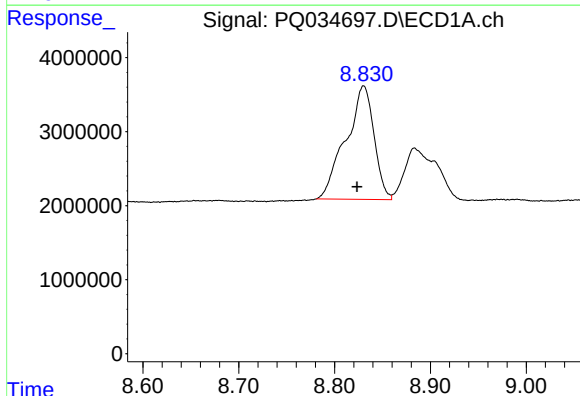
R.T.: 8.493 min
Delta R.T.: -0.011 min
Response: 52201201
Conc: 153.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



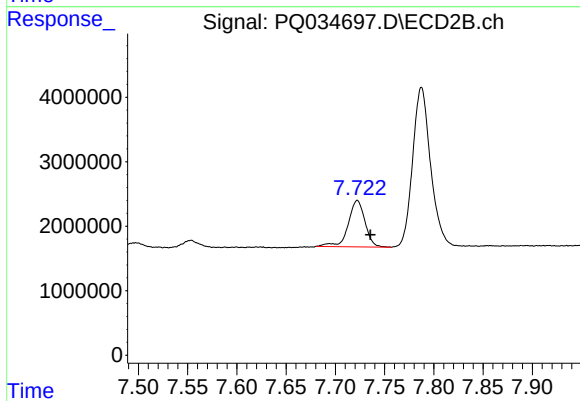
#37 AR-1262-2

R.T.: 7.441 min
Delta R.T.: -0.014 min
Response: 43797249
Conc: 151.99 ng/ml



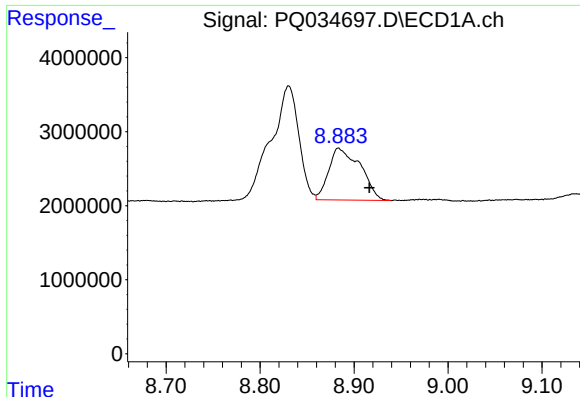
#38 AR-1262-3

R.T.: 8.830 min
Delta R.T.: 0.007 min
Response: 31382513
Conc: 141.29 ng/ml



#38 AR-1262-3

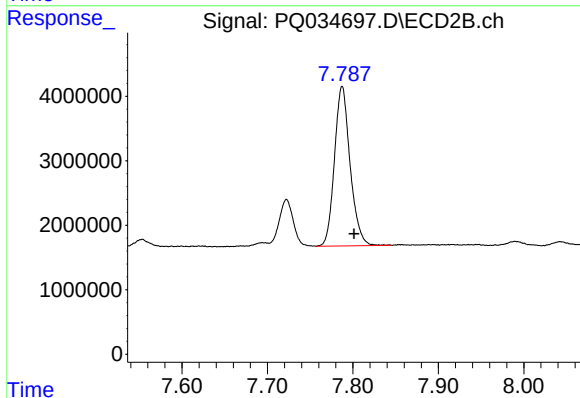
R.T.: 7.722 min
Delta R.T.: -0.013 min
Response: 8536053
Conc: 79.91 ng/ml



#39 AR-1262-4

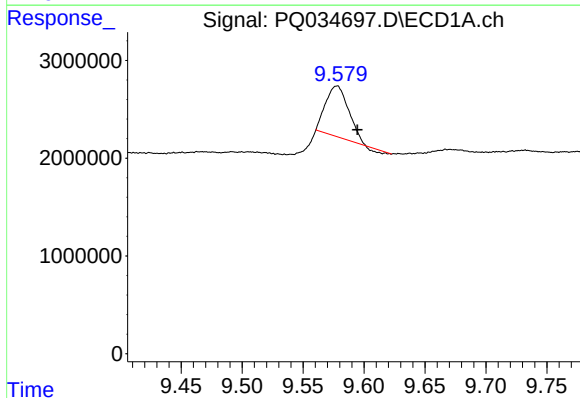
R.T.: 8.883 min
Delta R.T.: -0.033 min
Response: 16385364
Conc: 194.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



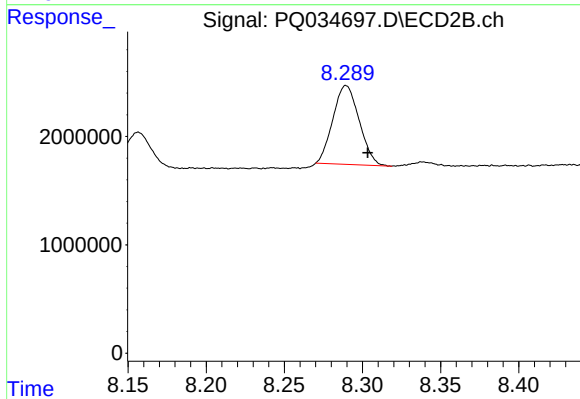
#39 AR-1262-4

R.T.: 7.787 min
Delta R.T.: -0.014 min
Response: 31453064
Conc: 153.60 ng/ml



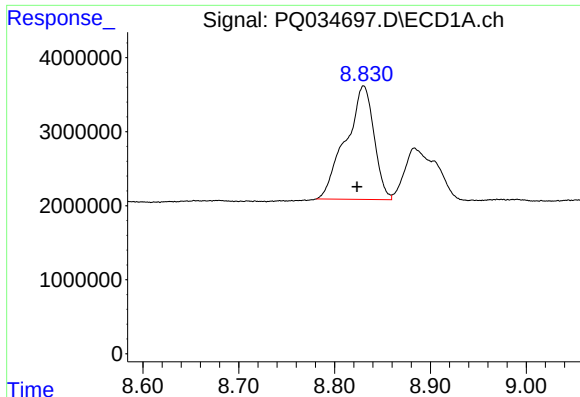
#40 AR-1262-5

R.T.: 9.578 min
Delta R.T.: -0.017 min
Response: 6626681
Conc: 58.28 ng/ml



#40 AR-1262-5

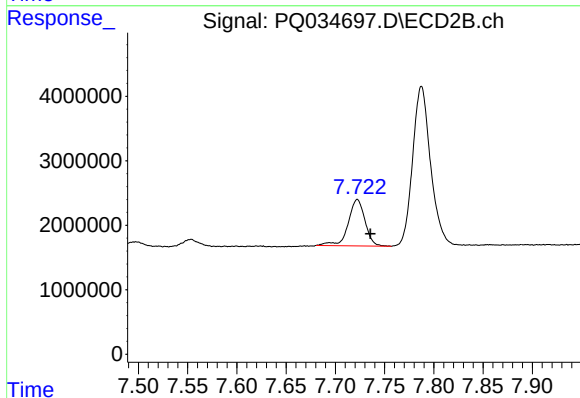
R.T.: 8.290 min
Delta R.T.: -0.014 min
Response: 8502821
Conc: 93.28 ng/ml



#41 AR-1268-1

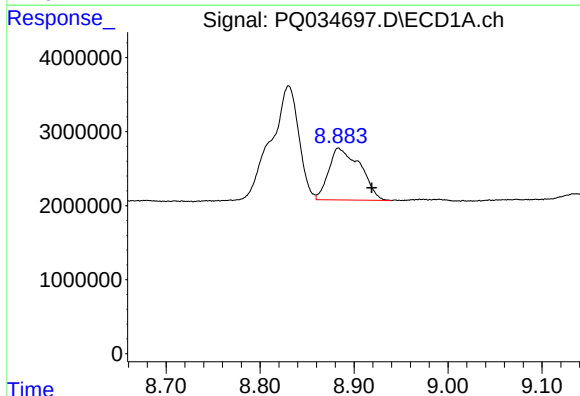
R.T.: 8.830 min
Delta R.T.: 0.007 min
Response: 31382513
Conc: 71.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



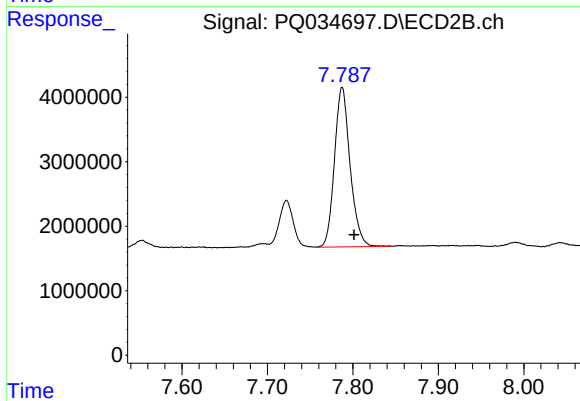
#41 AR-1268-1

R.T.: 7.722 min
Delta R.T.: -0.013 min
Response: 8536053
Conc: 23.98 ng/ml



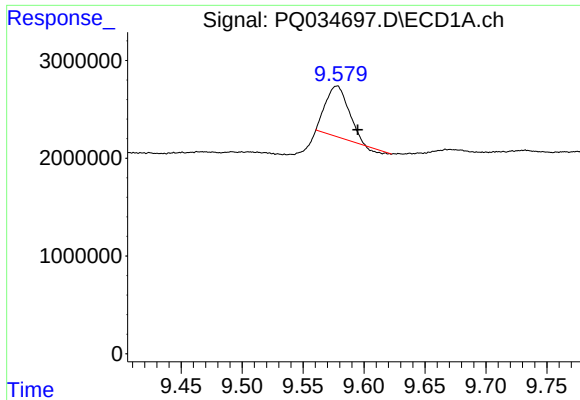
#42 AR-1268-2

R.T.: 8.883 min
Delta R.T.: -0.035 min
Response: 16385364
Conc: 41.26 ng/ml



#42 AR-1268-2

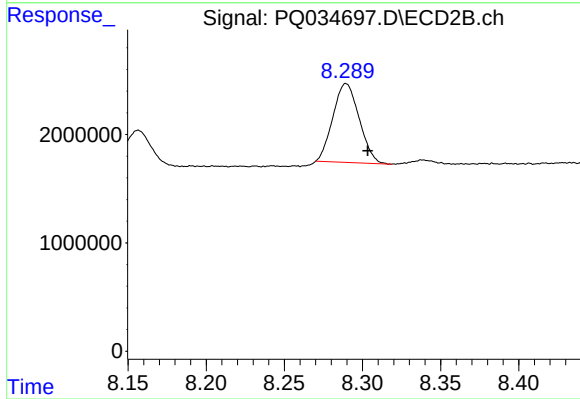
R.T.: 7.787 min
Delta R.T.: -0.014 min
Response: 31453064
Conc: 98.45 ng/ml



#44 AR-1268-4

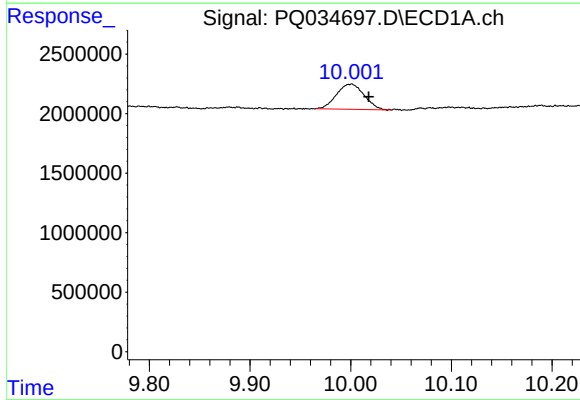
R.T.: 9.578 min
Delta R.T.: -0.017 min
Response: 6626681
Conc: 48.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



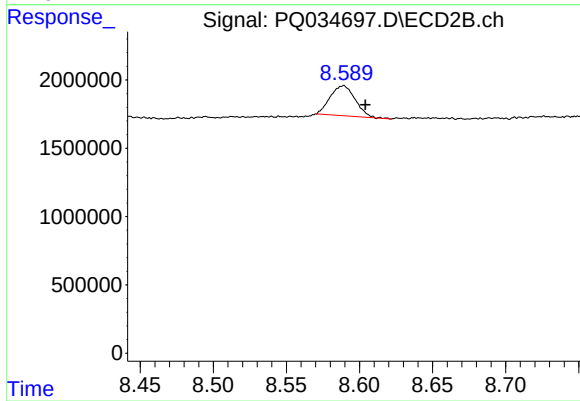
#44 AR-1268-4

R.T.: 8.290 min
Delta R.T.: -0.014 min
Response: 8502821
Conc: 76.48 ng/ml



#45 AR-1268-5

R.T.: 10.000 min
Delta R.T.: -0.017 min
Response: 4005193
Conc: 3.51 ng/ml



#45 AR-1268-5

R.T.: 8.589 min
Delta R.T.: -0.015 min
Response: 2625422
Conc: 3.03 ng/ml