

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052819\
 Data File : PQ040331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2019 23:50
 Operator : SM\AJ
 Sample : K3049-03MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFHJ1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:47:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.595	4.734	71508989	53775571	21.829	25.038
2)	SA Decachlor...	11.895	10.449	225.7E6	139.9E6	31.595	33.637
Target Compounds							
3)	L1 AR-1016-1	7.066	6.198	75235992	55350737	449.727	431.491
4)	L1 AR-1016-2	7.066	6.198	75235992	55350737	286.175	286.772
5)	L1 AR-1016-3	7.136	6.412	44739323	28814522	262.127	267.174
6)	L1 AR-1016-4	7.251	6.466	35761436	29691142	258.721	348.696 #
7)	L1 AR-1016-5	7.582	6.717	28052646	32740964	202.218	284.357 #
8)	L2 AR-1221-1	5.871	5.034	243409	3341765	6.946	136.361 #
9)	L2 AR-1221-2	5.987	5.153	5560571	4911242	252.387	301.530
10)	L2 AR-1221-3	6.083	5.256	22585242	17238488	255.660	283.497
11)	L3 AR-1232-1	6.083	5.256	22585242	17238488	348.710	376.195
12)	L3 AR-1232-2	6.725	6.198	44796069	55350737	1129.855	922.720
13)	L3 AR-1232-3	7.066	6.412	75235992	28814522	930.998	819.343
14)	L3 AR-1232-4	7.251	6.513	35761436	32514330	855.570	1100.381 #
15)	L3 AR-1232-5	7.354	6.717	37207182	32740964	1174.006	1087.581
16)	L4 AR-1242-1	7.066	6.177	75235992	37783024	775.981	510.940 #
17)	L4 AR-1242-2	7.066	6.198	75235992	55350737	520.599	519.923
18)	L4 AR-1242-3	7.136	6.412	44739323	28814522	480.600	477.659
19)	L4 AR-1242-4	7.251	6.513	35761436	32514330	475.484	545.539
20)	L4 AR-1242-5	8.070	7.125	5341824	26079152	61.617	323.609 #
21)	L5 AR-1248-1	7.066	6.198	75235992	55350737	972.011	960.561
22)	L5 AR-1248-2	7.354	6.466	37207182	29691142	330.343	337.708
23)	L5 AR-1248-3	7.582	6.513	28052646	32514330	203.240	359.340 #
24)	L5 AR-1248-4	8.070	6.717	5341824	32740964	35.383	296.488 #
25)	L5 AR-1248-5	8.070	7.171	5341824	3614425	35.480	31.835
26)	L6 AR-1254-1	8.028	7.125	5332055	26079152	30.575	136.158 #
27)	L6 AR-1254-2	8.233	7.293	32836474	25639576	118.735	147.583
28)	L6 AR-1254-3	8.629	7.753	15905818	47437769	53.594	164.155 #
29)	L6 AR-1254-4	8.929	7.989	10455134	4165342	50.306	23.329 #
30)	L6 AR-1254-5	9.400	8.432	15818982	95286622	54.928	369.858 #
31)	L7 AR-1260-1	8.799	7.878	83179515	71132357	250.232	259.477
32)	L7 AR-1260-2	9.070	8.083	94150586	85098303	233.065	246.008
33)	L7 AR-1260-3	9.443	8.246	71278306	81088548	216.068	252.845
34)	L7 AR-1260-4	9.681	8.741	76751329	59592065	208.262	219.315
35)	L7 AR-1260-5	10.074	8.995	13246405	142.5E6	17.202	212.066 #
36)	L8 AR-1262-1	9.502	8.526	40804048	35186705	293.526	309.888
37)	L8 AR-1262-2	10.020	8.995	151.5E6	142.5E6	261.822	287.311
38)	L8 AR-1262-3	10.368	9.285	100.7E6	27483900	238.129	130.719 #
39)	L8 AR-1262-4	10.422	9.353	75426911	107.8E6	199.702	284.712 #
40)	L8 AR-1262-5	11.128	9.874	43699288	31362396	185.986	193.438
41)	L9 AR-1268-1	10.368	9.285	100.7E6	27483900	167.146	60.227 #

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 Acq On : 28 May 2019 23:50
 Operator : SM\AJ
 Sample : K3049-03MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

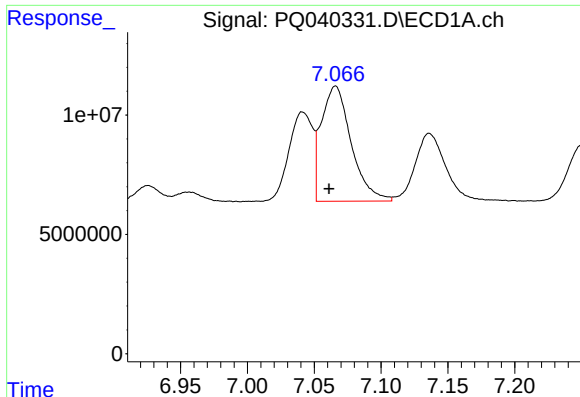
Instrument :
 ECD_Q
 ClientSampleId :
 BFHJ1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:47:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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
42) L9	AR-1268-2	10.422	9.353	75426911	107.8E6	122.582	246.575 #
43) L9	AR-1268-3	10.675	9.560	4098069	2495633	7.545	6.648
44) L9	AR-1268-4	11.128	9.874	43699288	31362396	214.251	227.619
45) L9	AR-1268-5	11.553	10.182	19114120	11735636	10.344	9.944

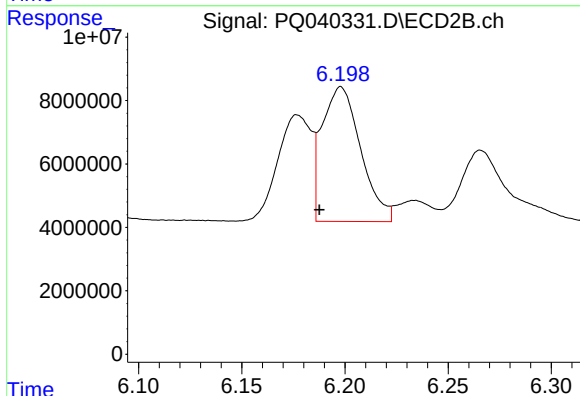
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

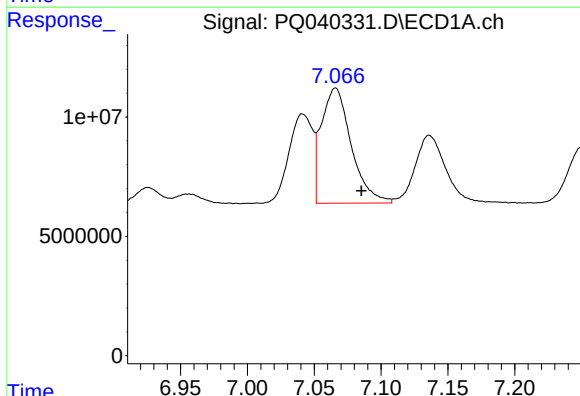
R.T.: 7.066 min
Delta R.T.: 0.005 min
Response: 75235992
Conc: 449.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



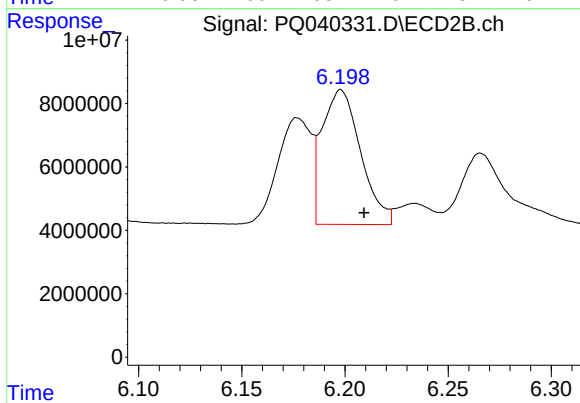
#3 AR-1016-1

R.T.: 6.198 min
Delta R.T.: 0.010 min
Response: 55350737
Conc: 431.49 ng/ml



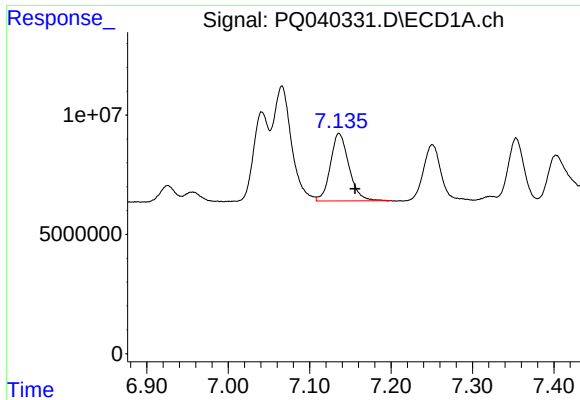
#4 AR-1016-2

R.T.: 7.066 min
Delta R.T.: -0.019 min
Response: 75235992
Conc: 286.18 ng/ml



#4 AR-1016-2

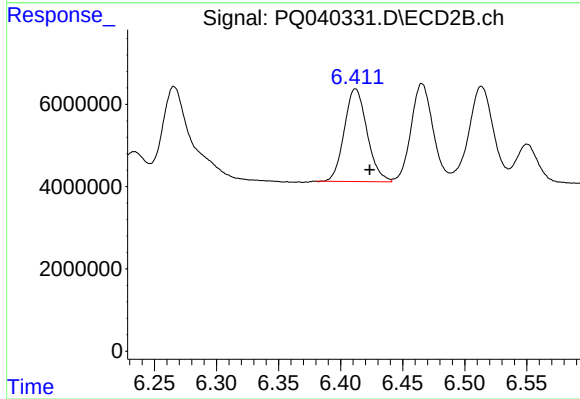
R.T.: 6.198 min
Delta R.T.: -0.011 min
Response: 55350737
Conc: 286.77 ng/ml



#5 AR-1016-3

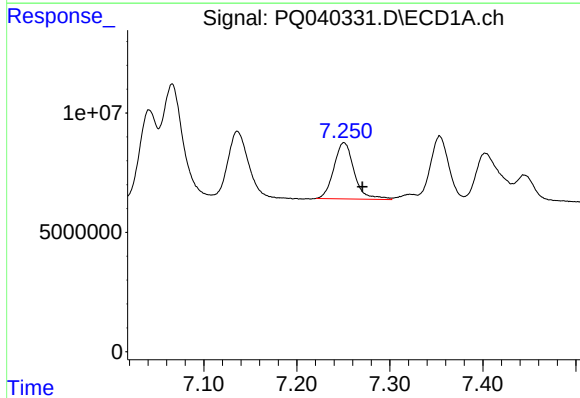
R.T.: 7.136 min
Delta R.T.: -0.020 min
Response: 44739323
Conc: 262.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



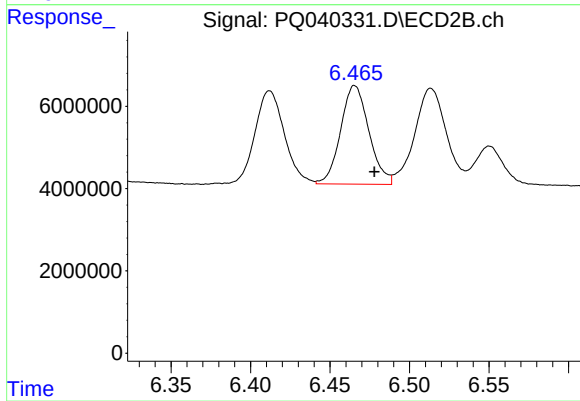
#5 AR-1016-3

R.T.: 6.412 min
Delta R.T.: -0.011 min
Response: 28814522
Conc: 267.17 ng/ml



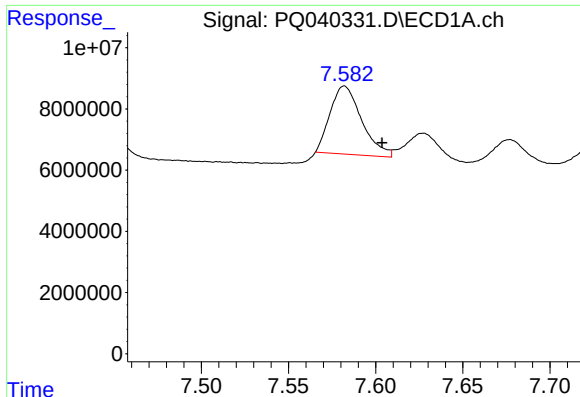
#6 AR-1016-4

R.T.: 7.251 min
Delta R.T.: -0.020 min
Response: 35761436
Conc: 258.72 ng/ml



#6 AR-1016-4

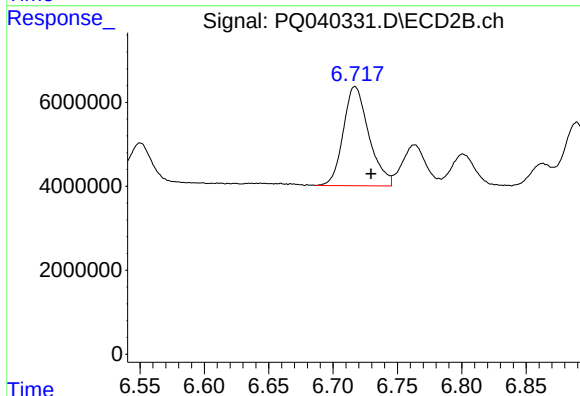
R.T.: 6.466 min
Delta R.T.: -0.012 min
Response: 29691142
Conc: 348.70 ng/ml



#7 AR-1016-5

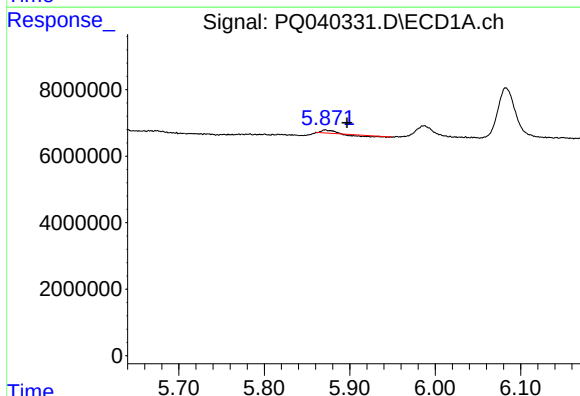
R.T.: 7.582 min
Delta R.T.: -0.022 min
Response: 28052646
Conc: 202.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



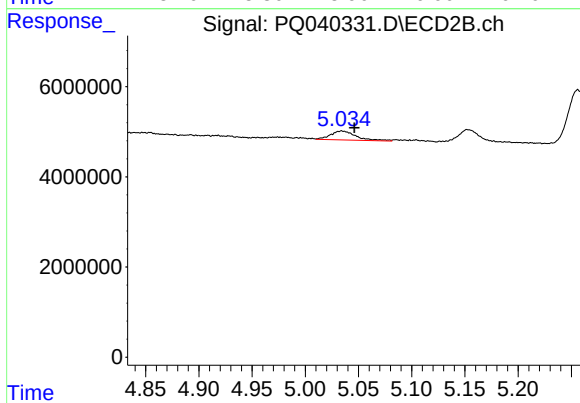
#7 AR-1016-5

R.T.: 6.717 min
Delta R.T.: -0.012 min
Response: 32740964
Conc: 284.36 ng/ml



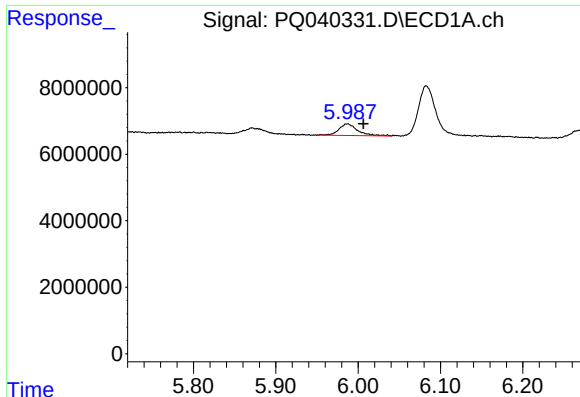
#8 AR-1221-1

R.T.: 5.871 min
Delta R.T.: -0.026 min
Response: 243409
Conc: 6.95 ng/ml



#8 AR-1221-1

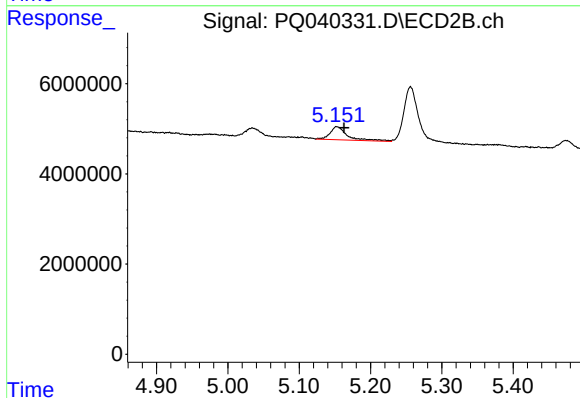
R.T.: 5.034 min
Delta R.T.: -0.012 min
Response: 3341765
Conc: 136.36 ng/ml



#9 AR-1221-2

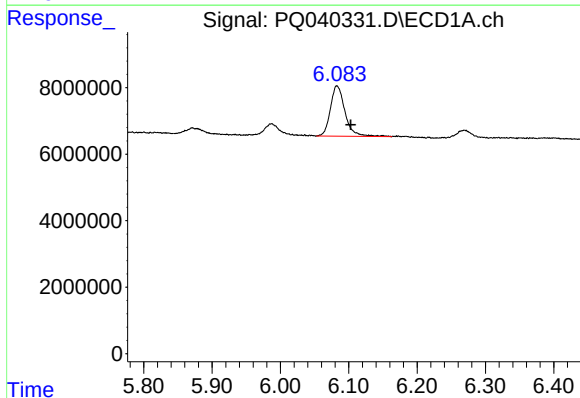
R.T.: 5.987 min
Delta R.T.: -0.019 min
Response: 5560571
Conc: 252.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



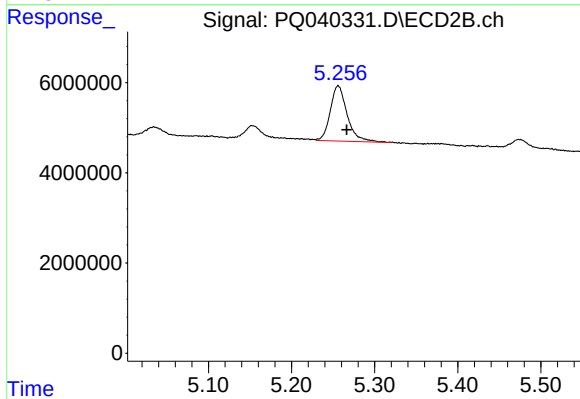
#9 AR-1221-2

R.T.: 5.153 min
Delta R.T.: -0.010 min
Response: 4911242
Conc: 301.53 ng/ml



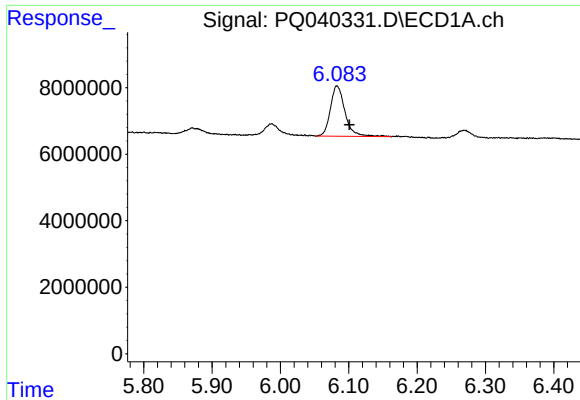
#10 AR-1221-3

R.T.: 6.083 min
Delta R.T.: -0.020 min
Response: 22585242
Conc: 255.66 ng/ml



#10 AR-1221-3

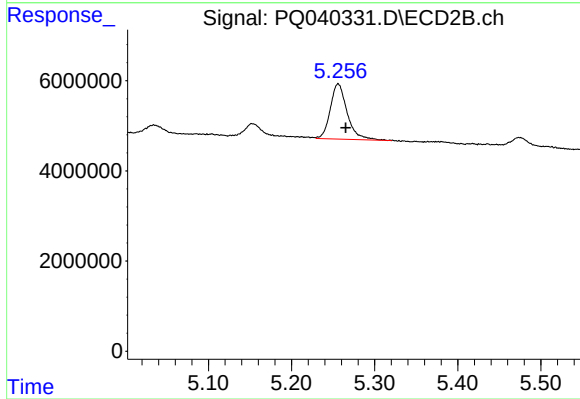
R.T.: 5.256 min
Delta R.T.: -0.010 min
Response: 17238488
Conc: 283.50 ng/ml



#11 AR-1232-1

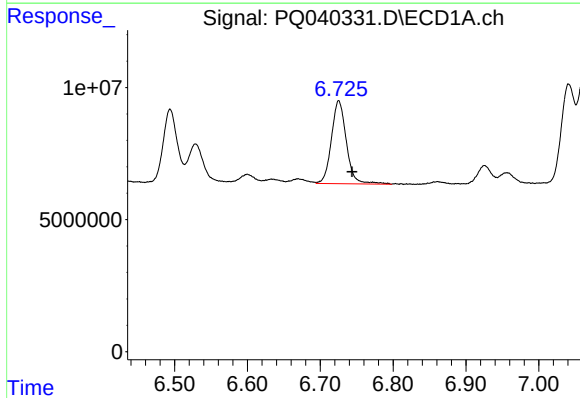
R.T.: 6.083 min
Delta R.T.: -0.018 min
Response: 22585242
Conc: 348.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



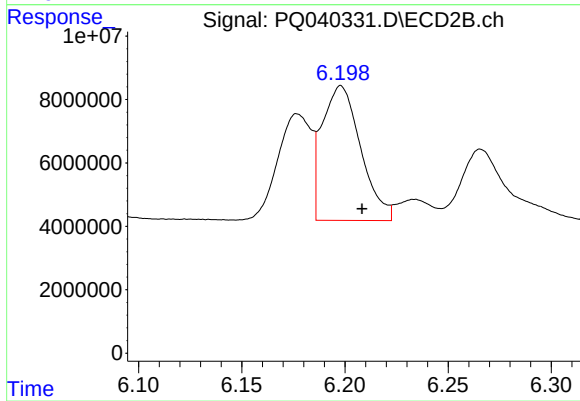
#11 AR-1232-1

R.T.: 5.256 min
Delta R.T.: -0.009 min
Response: 17238488
Conc: 376.20 ng/ml



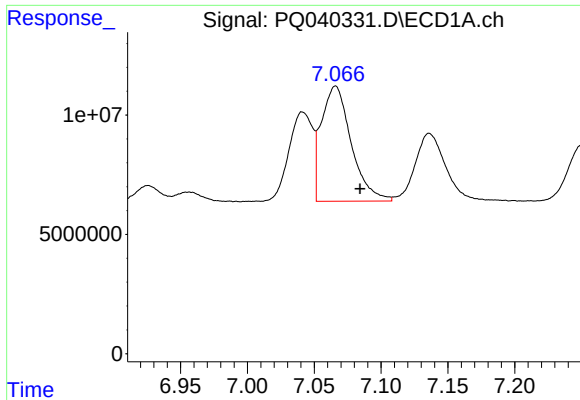
#12 AR-1232-2

R.T.: 6.725 min
Delta R.T.: -0.018 min
Response: 44796069
Conc: 1129.86 ng/ml



#12 AR-1232-2

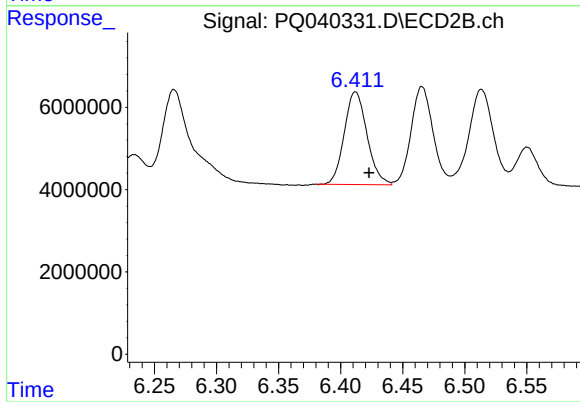
R.T.: 6.198 min
Delta R.T.: -0.010 min
Response: 55350737
Conc: 922.72 ng/ml



#13 AR-1232-3

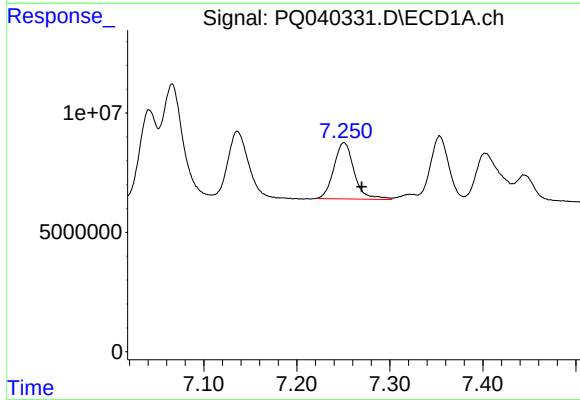
R.T.: 7.066 min
Delta R.T.: -0.018 min
Response: 75235992
Conc: 931.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



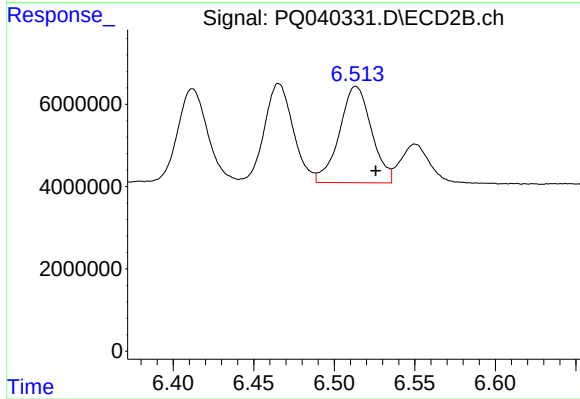
#13 AR-1232-3

R.T.: 6.412 min
Delta R.T.: -0.011 min
Response: 28814522
Conc: 819.34 ng/ml



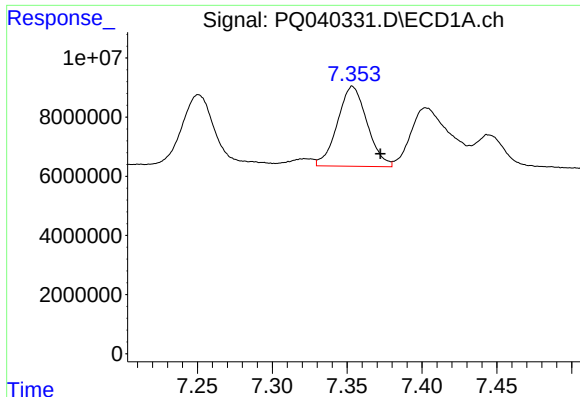
#14 AR-1232-4

R.T.: 7.251 min
Delta R.T.: -0.019 min
Response: 35761436
Conc: 855.57 ng/ml



#14 AR-1232-4

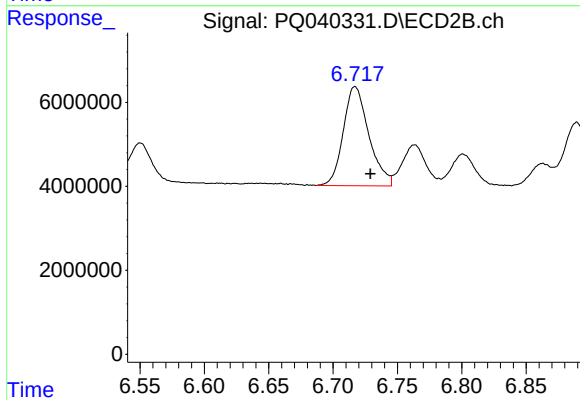
R.T.: 6.513 min
Delta R.T.: -0.012 min
Response: 32514330
Conc: 1100.38 ng/ml



#15 AR-1232-5

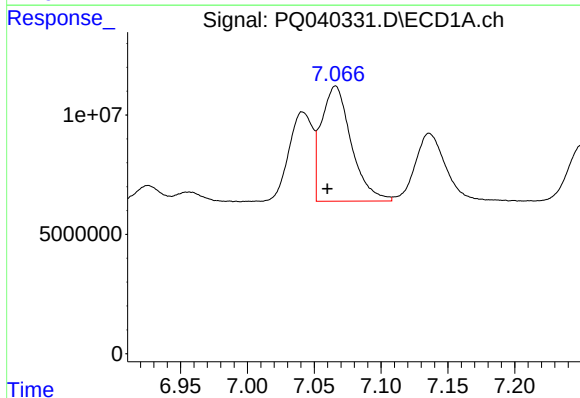
R.T.: 7.354 min
Delta R.T.: -0.019 min
Response: 37207182
Conc: 1174.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



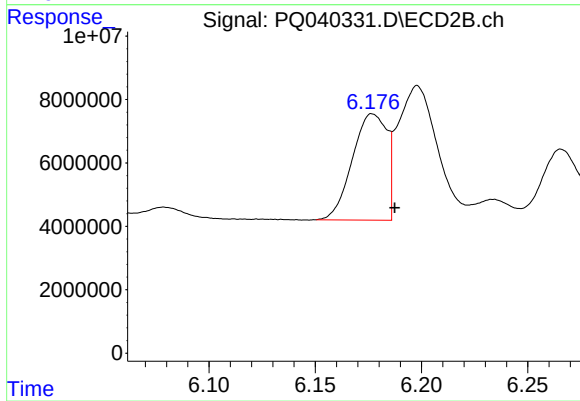
#15 AR-1232-5

R.T.: 6.717 min
Delta R.T.: -0.012 min
Response: 32740964
Conc: 1087.58 ng/ml



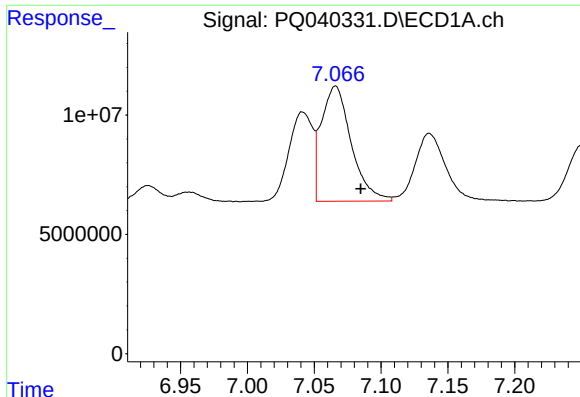
#16 AR-1242-1

R.T.: 7.066 min
Delta R.T.: 0.006 min
Response: 75235992
Conc: 775.98 ng/ml



#16 AR-1242-1

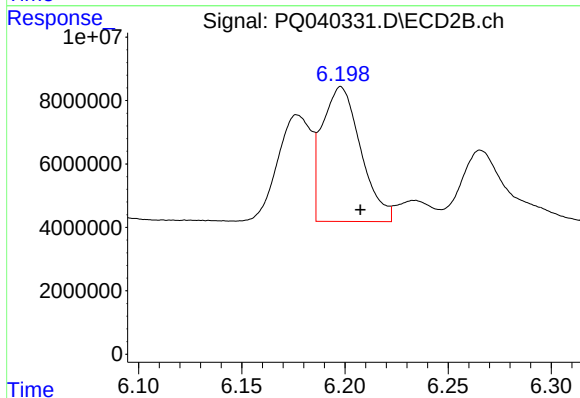
R.T.: 6.177 min
Delta R.T.: -0.010 min
Response: 37783024
Conc: 510.94 ng/ml



#17 AR-1242-2

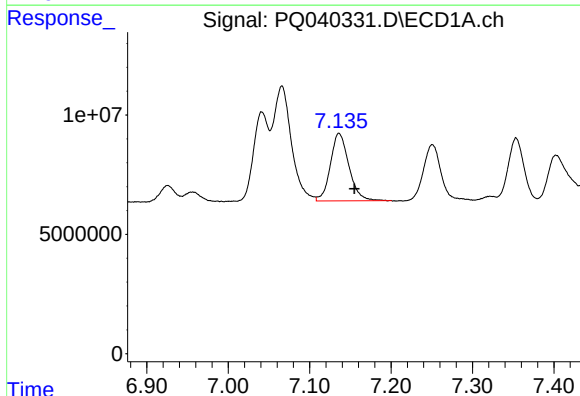
R.T.: 7.066 min
Delta R.T.: -0.019 min
Response: 75235992
Conc: 520.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



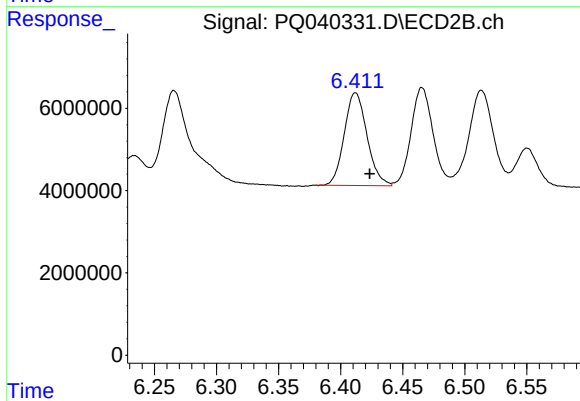
#17 AR-1242-2

R.T.: 6.198 min
Delta R.T.: -0.009 min
Response: 55350737
Conc: 519.92 ng/ml



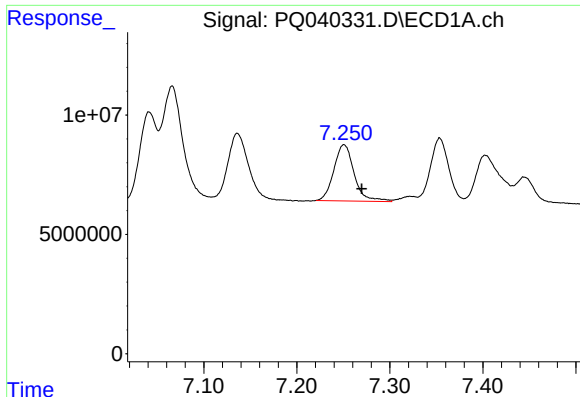
#18 AR-1242-3

R.T.: 7.136 min
Delta R.T.: -0.019 min
Response: 44739323
Conc: 480.60 ng/ml



#18 AR-1242-3

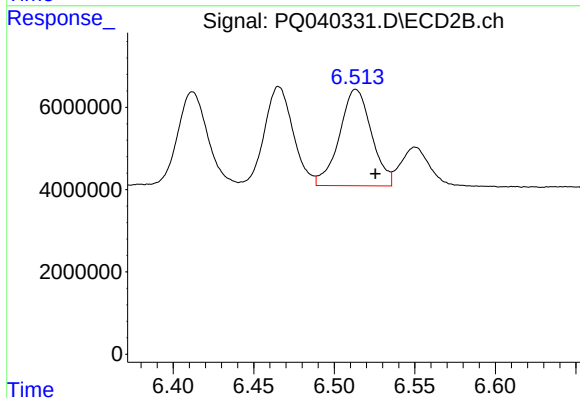
R.T.: 6.412 min
Delta R.T.: -0.011 min
Response: 28814522
Conc: 477.66 ng/ml



#19 AR-1242-4

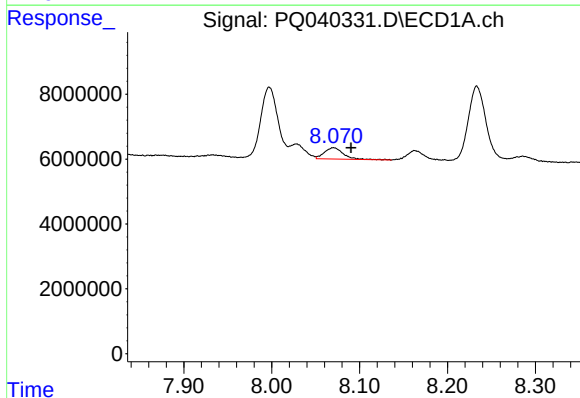
R.T.: 7.251 min
Delta R.T.: -0.019 min
Response: 35761436
Conc: 475.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



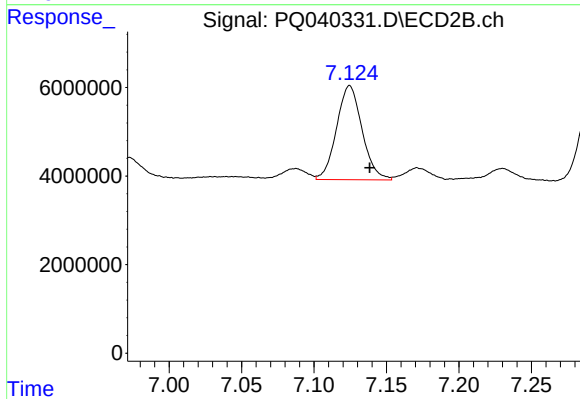
#19 AR-1242-4

R.T.: 6.513 min
Delta R.T.: -0.012 min
Response: 32514330
Conc: 545.54 ng/ml



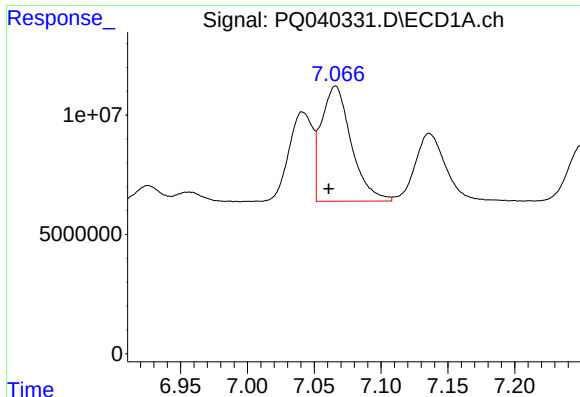
#20 AR-1242-5

R.T.: 8.070 min
Delta R.T.: -0.020 min
Response: 5341824
Conc: 61.62 ng/ml



#20 AR-1242-5

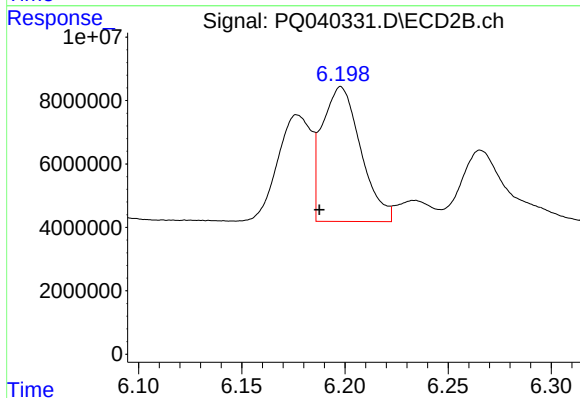
R.T.: 7.125 min
Delta R.T.: -0.014 min
Response: 26079152
Conc: 323.61 ng/ml



#21 AR-1248-1

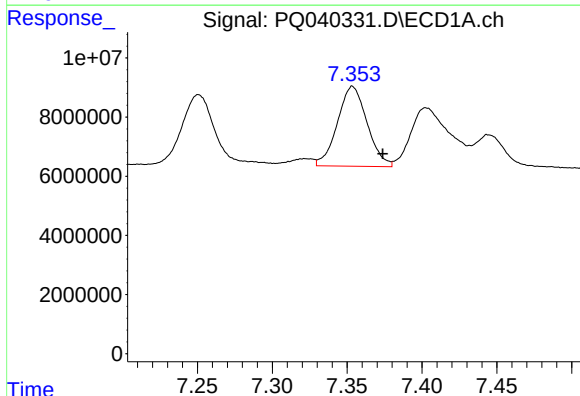
R.T.: 7.066 min
Delta R.T.: 0.005 min
Response: 75235992
Conc: 972.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



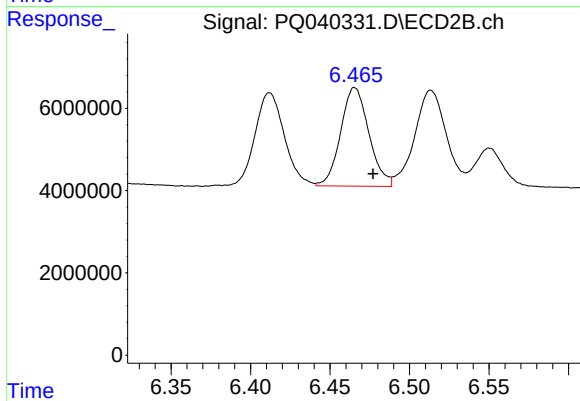
#21 AR-1248-1

R.T.: 6.198 min
Delta R.T.: 0.010 min
Response: 55350737
Conc: 960.56 ng/ml



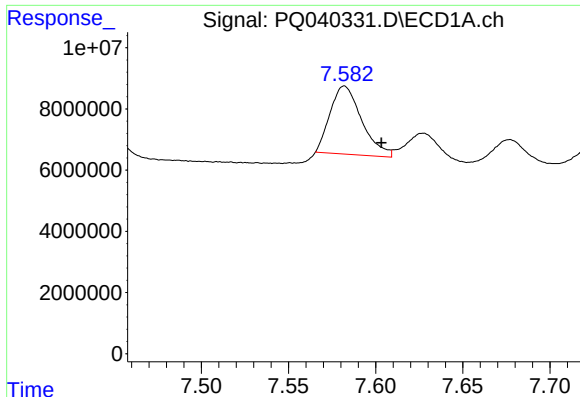
#22 AR-1248-2

R.T.: 7.354 min
Delta R.T.: -0.020 min
Response: 37207182
Conc: 330.34 ng/ml



#22 AR-1248-2

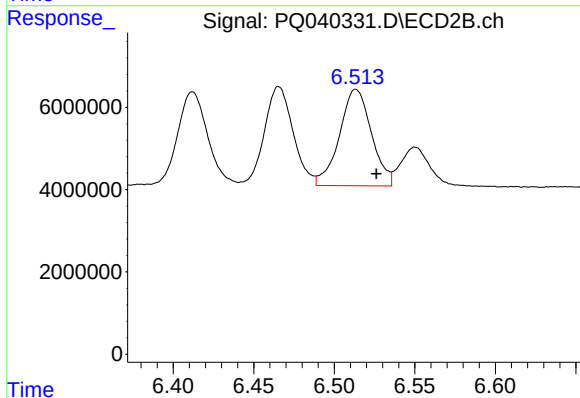
R.T.: 6.466 min
Delta R.T.: -0.011 min
Response: 29691142
Conc: 337.71 ng/ml



#23 AR-1248-3

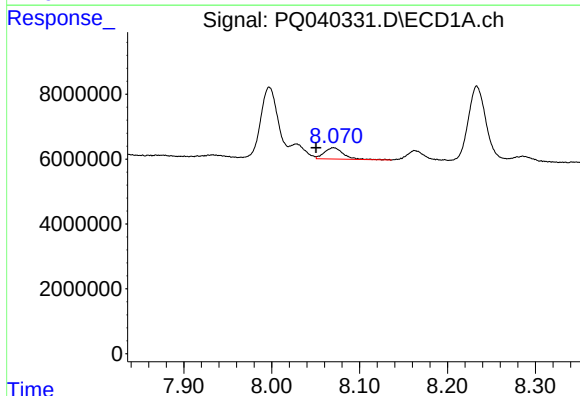
R.T.: 7.582 min
Delta R.T.: -0.021 min
Response: 28052646
Conc: 203.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



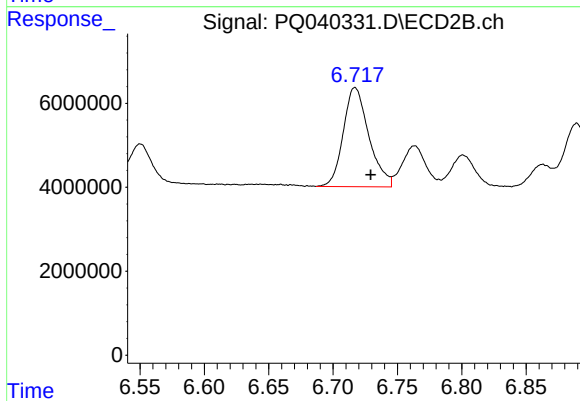
#23 AR-1248-3

R.T.: 6.513 min
Delta R.T.: -0.013 min
Response: 32514330
Conc: 359.34 ng/ml



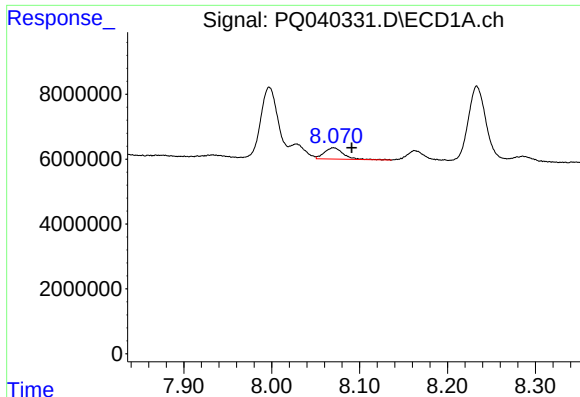
#24 AR-1248-4

R.T.: 8.070 min
Delta R.T.: 0.020 min
Response: 5341824
Conc: 35.38 ng/ml



#24 AR-1248-4

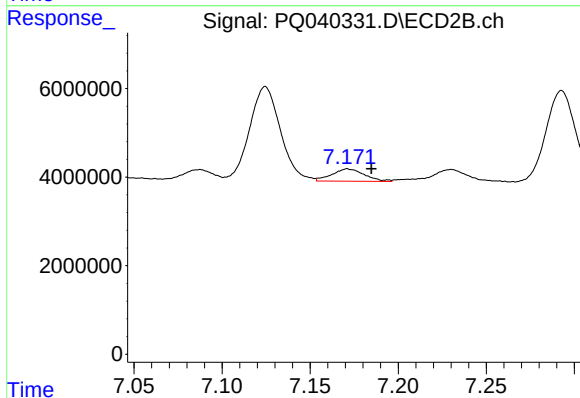
R.T.: 6.717 min
Delta R.T.: -0.012 min
Response: 32740964
Conc: 296.49 ng/ml



#25 AR-1248-5

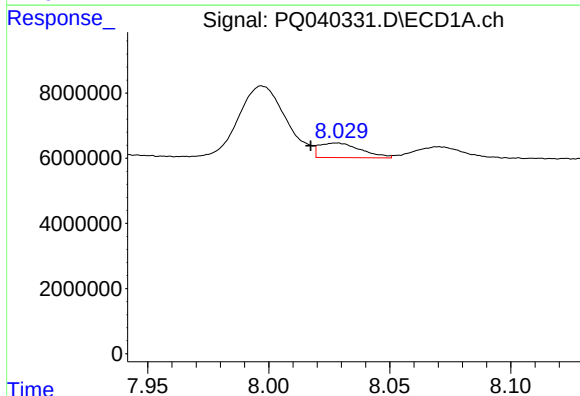
R.T.: 8.070 min
Delta R.T.: -0.021 min
Response: 5341824
Conc: 35.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



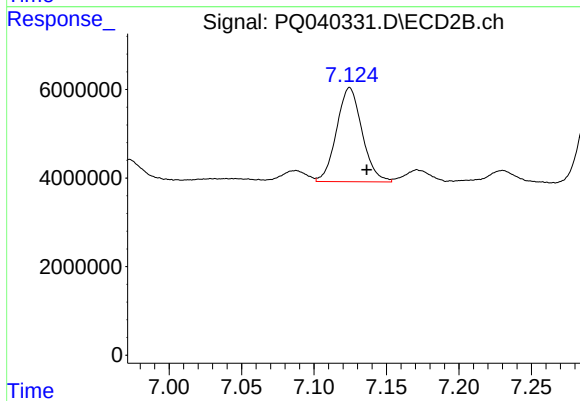
#25 AR-1248-5

R.T.: 7.171 min
Delta R.T.: -0.014 min
Response: 3614425
Conc: 31.84 ng/ml



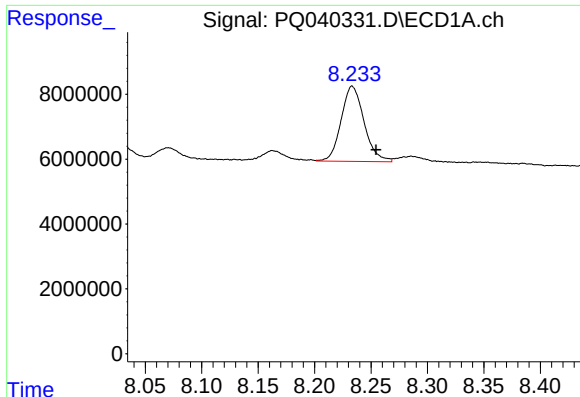
#26 AR-1254-1

R.T.: 8.028 min
Delta R.T.: 0.011 min
Response: 5332055
Conc: 30.57 ng/ml



#26 AR-1254-1

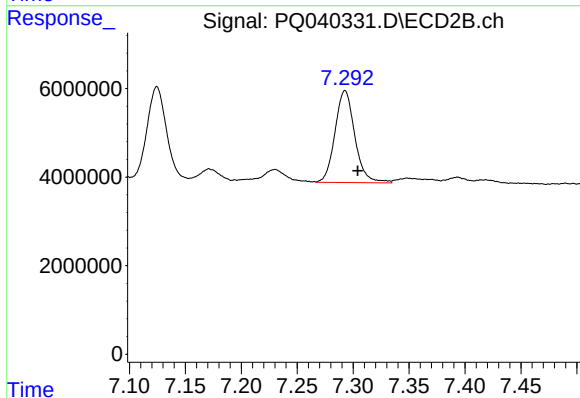
R.T.: 7.125 min
Delta R.T.: -0.012 min
Response: 26079152
Conc: 136.16 ng/ml



#27 AR-1254-2

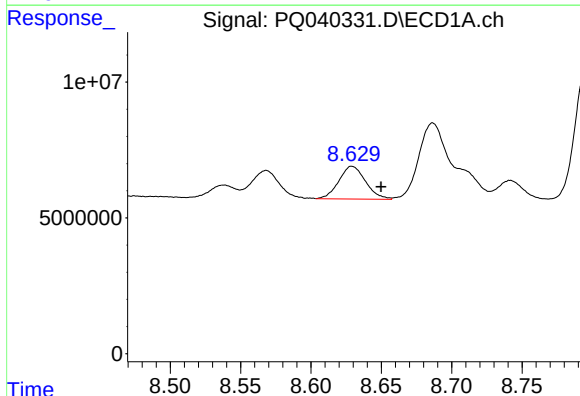
R.T.: 8.233 min
Delta R.T.: -0.021 min
Response: 32836474
Conc: 118.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



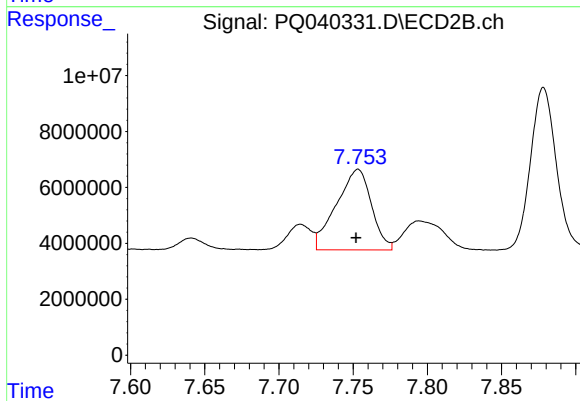
#27 AR-1254-2

R.T.: 7.293 min
Delta R.T.: -0.011 min
Response: 25639576
Conc: 147.58 ng/ml



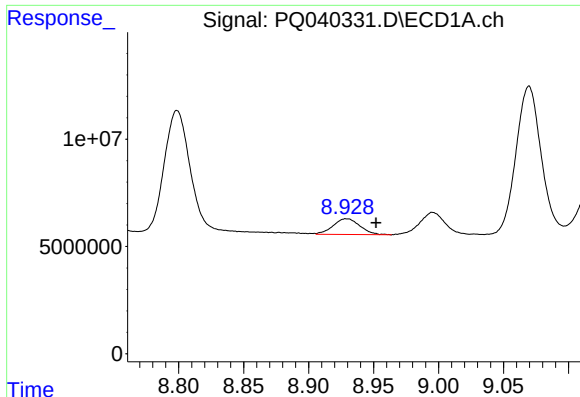
#28 AR-1254-3

R.T.: 8.629 min
Delta R.T.: -0.021 min
Response: 15905818
Conc: 53.59 ng/ml



#28 AR-1254-3

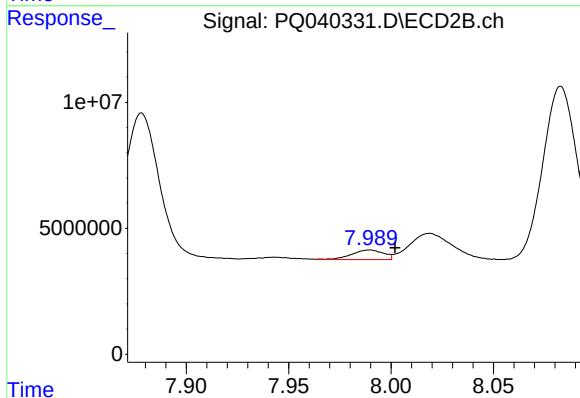
R.T.: 7.753 min
Delta R.T.: 0.001 min
Response: 47437769
Conc: 164.15 ng/ml



#29 AR-1254-4

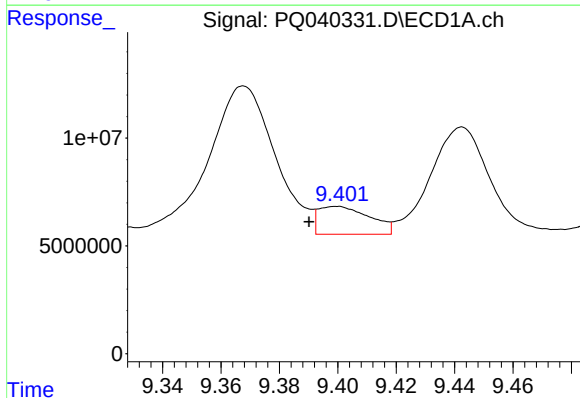
R.T.: 8.929 min
Delta R.T.: -0.023 min
Response: 10455134
Conc: 50.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



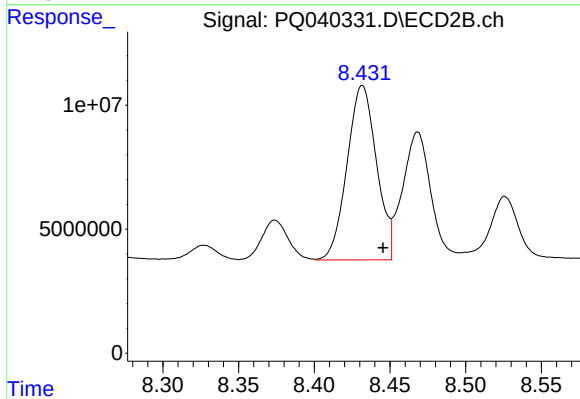
#29 AR-1254-4

R.T.: 7.989 min
Delta R.T.: -0.012 min
Response: 4165342
Conc: 23.33 ng/ml



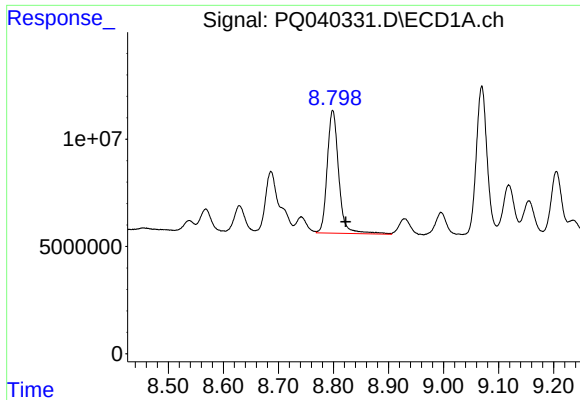
#30 AR-1254-5

R.T.: 9.400 min
Delta R.T.: 0.009 min
Response: 15818982
Conc: 54.93 ng/ml



#30 AR-1254-5

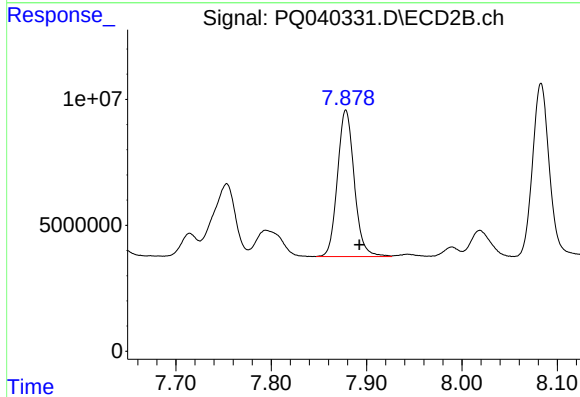
R.T.: 8.432 min
Delta R.T.: -0.014 min
Response: 95286622
Conc: 369.86 ng/ml



#31 AR-1260-1

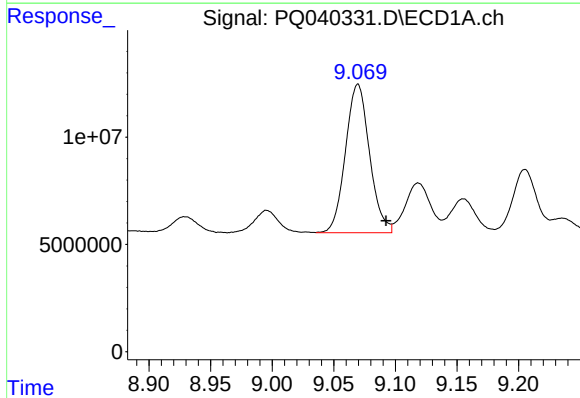
R.T.: 8.799 min
Delta R.T.: -0.023 min
Response: 83179515
Conc: 250.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



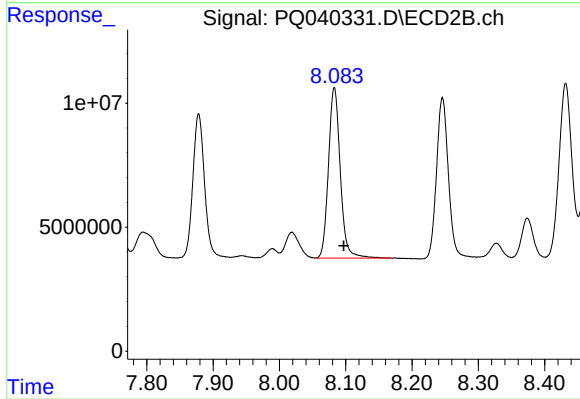
#31 AR-1260-1

R.T.: 7.878 min
Delta R.T.: -0.014 min
Response: 71132357
Conc: 259.48 ng/ml



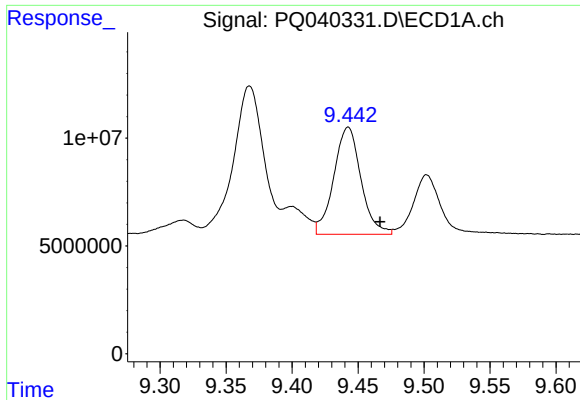
#32 AR-1260-2

R.T.: 9.070 min
Delta R.T.: -0.023 min
Response: 94150586
Conc: 233.06 ng/ml



#32 AR-1260-2

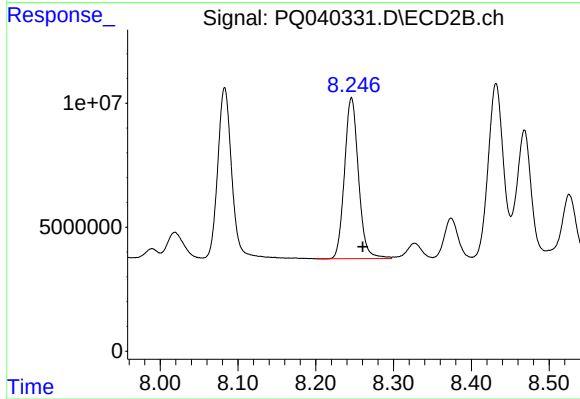
R.T.: 8.083 min
Delta R.T.: -0.014 min
Response: 85098303
Conc: 246.01 ng/ml



#33 AR-1260-3

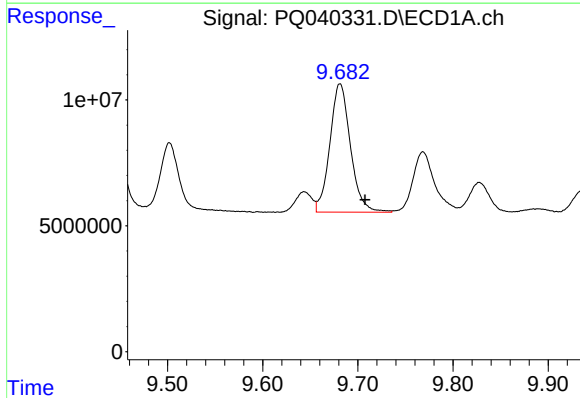
R.T.: 9.443 min
Delta R.T.: -0.024 min
Response: 71278306
Conc: 216.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



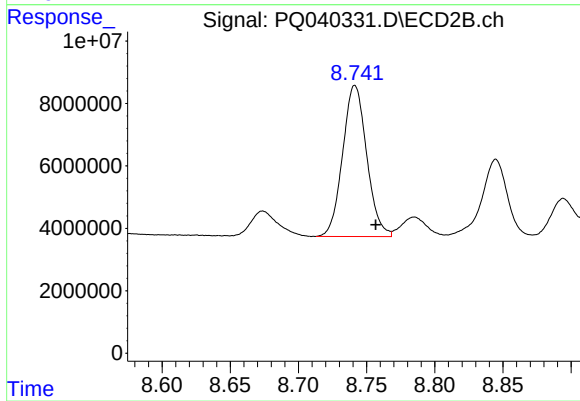
#33 AR-1260-3

R.T.: 8.246 min
Delta R.T.: -0.015 min
Response: 81088548
Conc: 252.84 ng/ml



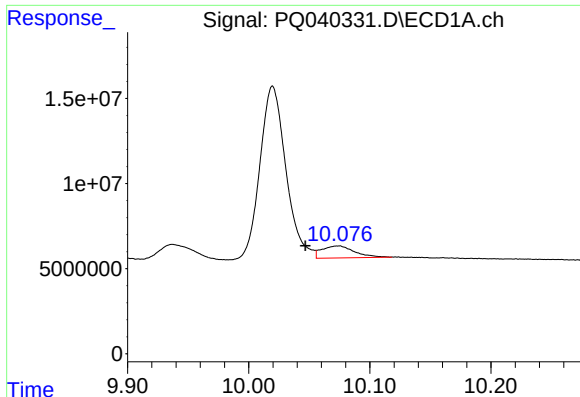
#34 AR-1260-4

R.T.: 9.681 min
Delta R.T.: -0.026 min
Response: 76751329
Conc: 208.26 ng/ml



#34 AR-1260-4

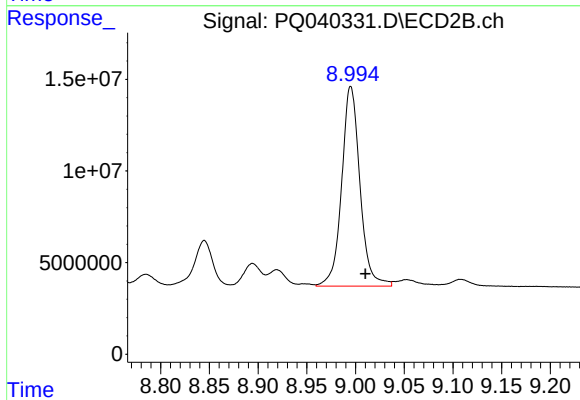
R.T.: 8.741 min
Delta R.T.: -0.015 min
Response: 59592065
Conc: 219.31 ng/ml



#35 AR-1260-5

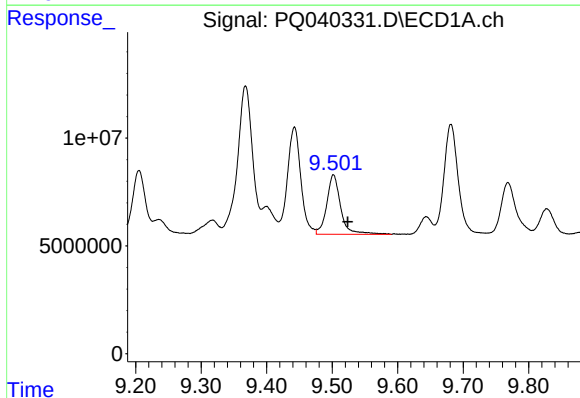
R.T.: 10.074 min
Delta R.T.: 0.027 min
Response: 13246405
Conc: 17.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



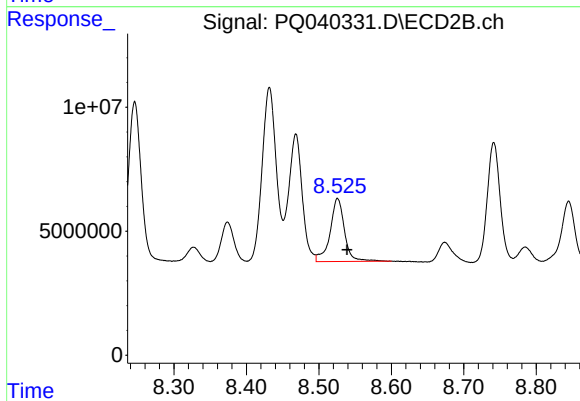
#35 AR-1260-5

R.T.: 8.995 min
Delta R.T.: -0.015 min
Response: 142546362
Conc: 212.07 ng/ml



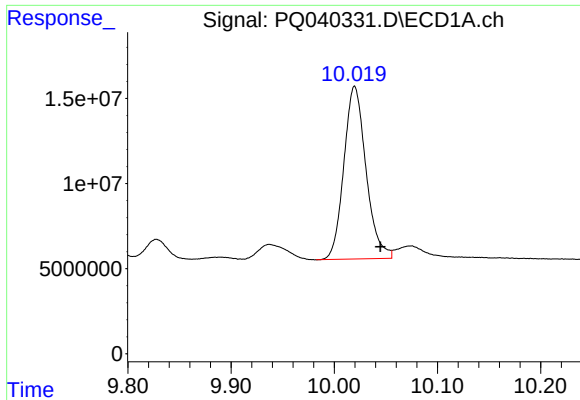
#36 AR-1262-1

R.T.: 9.502 min
Delta R.T.: -0.022 min
Response: 40804048
Conc: 293.53 ng/ml



#36 AR-1262-1

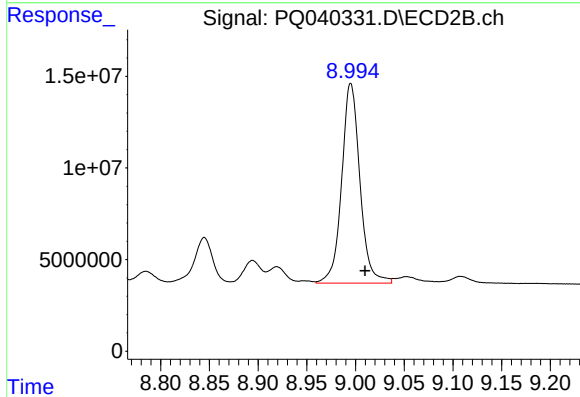
R.T.: 8.526 min
Delta R.T.: -0.013 min
Response: 35186705
Conc: 309.89 ng/ml



#37 AR-1262-2

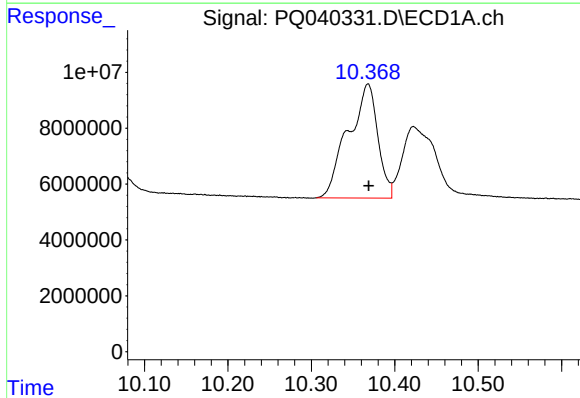
R.T.: 10.020 min
Delta R.T.: -0.025 min
Response: 151529965
Conc: 261.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



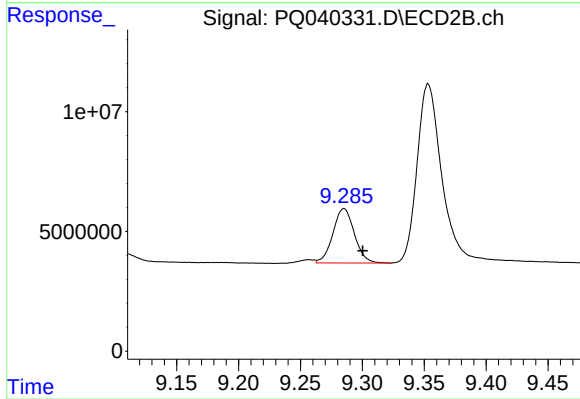
#37 AR-1262-2

R.T.: 8.995 min
Delta R.T.: -0.015 min
Response: 142546362
Conc: 287.31 ng/ml



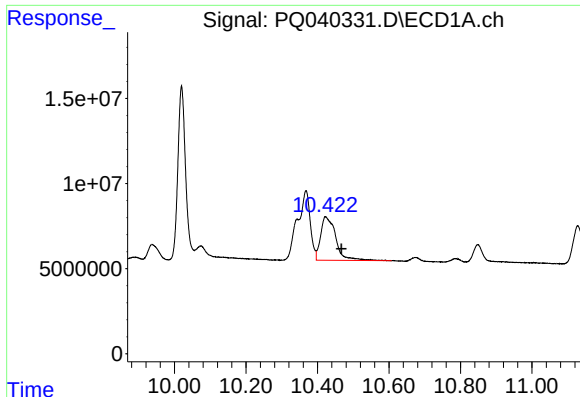
#38 AR-1262-3

R.T.: 10.368 min
Delta R.T.: 0.000 min
Response: 100684740
Conc: 238.13 ng/ml



#38 AR-1262-3

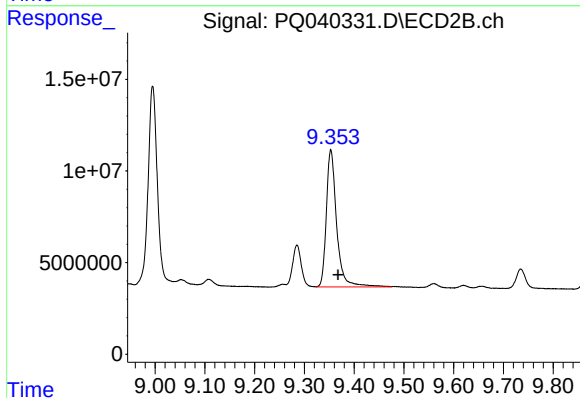
R.T.: 9.285 min
Delta R.T.: -0.015 min
Response: 27483900
Conc: 130.72 ng/ml



#39 AR-1262-4

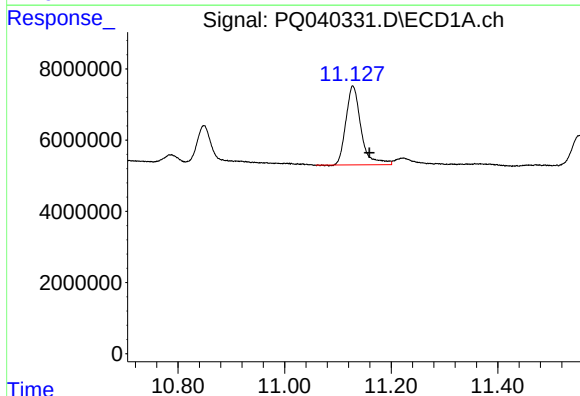
R.T.: 10.422 min
Delta R.T.: -0.045 min
Response: 75426911
Conc: 199.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



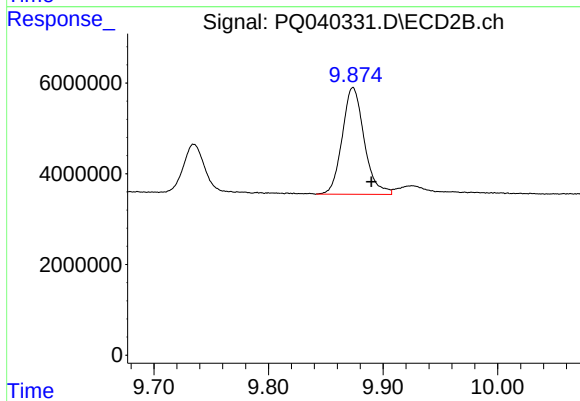
#39 AR-1262-4

R.T.: 9.353 min
Delta R.T.: -0.015 min
Response: 107799119
Conc: 284.71 ng/ml



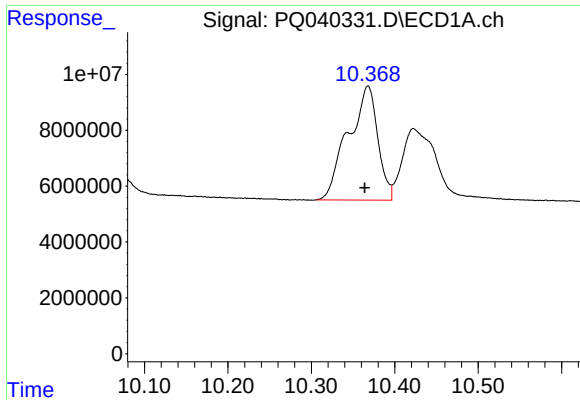
#40 AR-1262-5

R.T.: 11.128 min
Delta R.T.: -0.032 min
Response: 43699288
Conc: 185.99 ng/ml



#40 AR-1262-5

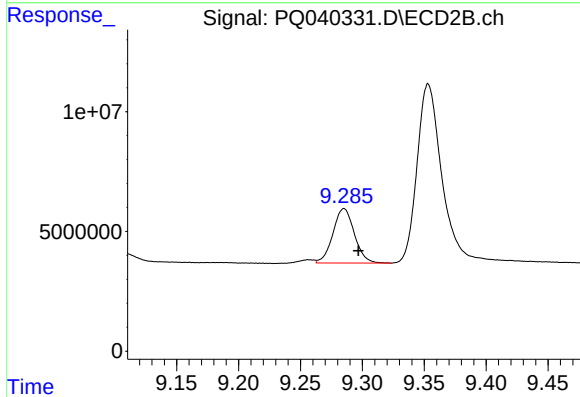
R.T.: 9.874 min
Delta R.T.: -0.016 min
Response: 31362396
Conc: 193.44 ng/ml



#41 AR-1268-1

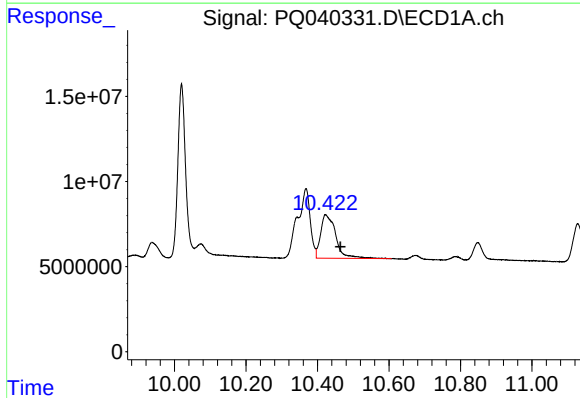
R.T.: 10.368 min
Delta R.T.: 0.004 min
Response: 100684740
Conc: 167.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



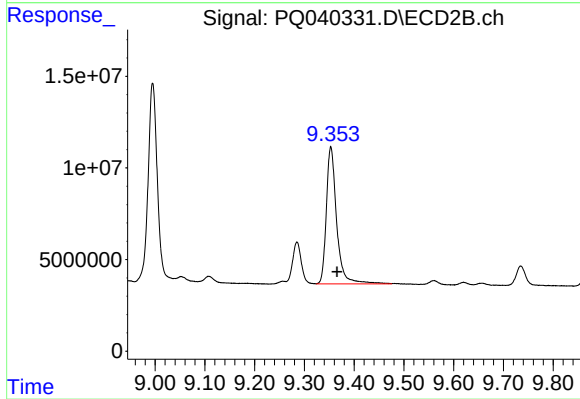
#41 AR-1268-1

R.T.: 9.285 min
Delta R.T.: -0.012 min
Response: 27483900
Conc: 60.23 ng/ml



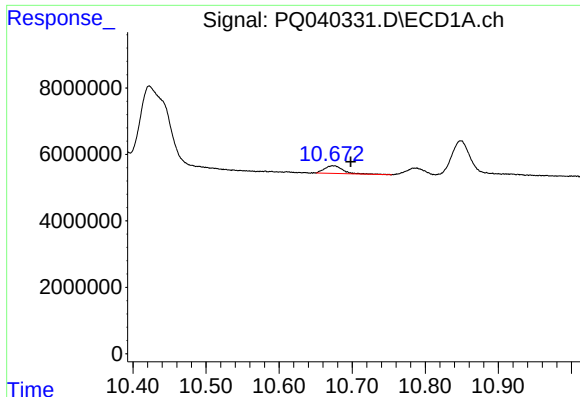
#42 AR-1268-2

R.T.: 10.422 min
Delta R.T.: -0.041 min
Response: 75426911
Conc: 122.58 ng/ml



#42 AR-1268-2

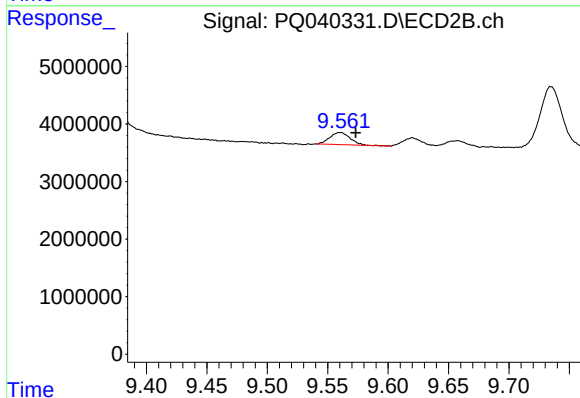
R.T.: 9.353 min
Delta R.T.: -0.012 min
Response: 107799119
Conc: 246.58 ng/ml



#43 AR-1268-3

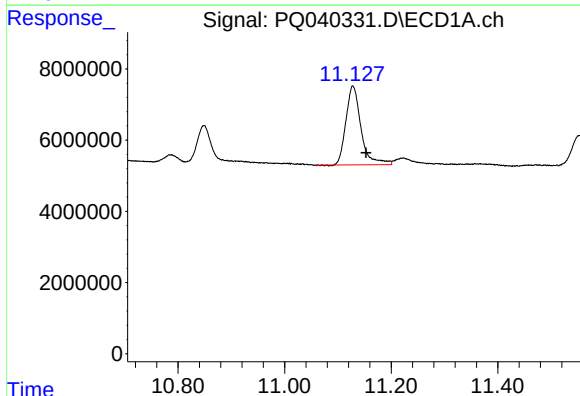
R.T.: 10.675 min
Delta R.T.: -0.023 min
Response: 4098069
Conc: 7.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



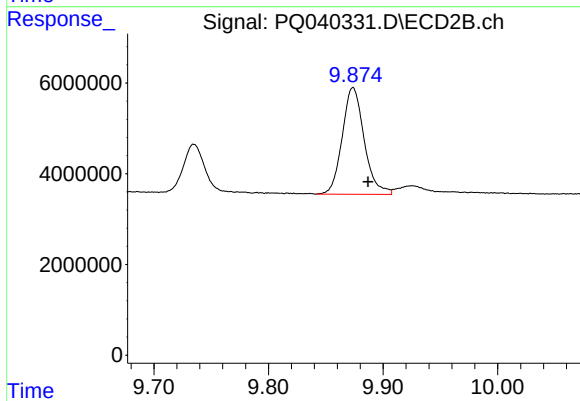
#43 AR-1268-3

R.T.: 9.560 min
Delta R.T.: -0.013 min
Response: 2495633
Conc: 6.65 ng/ml



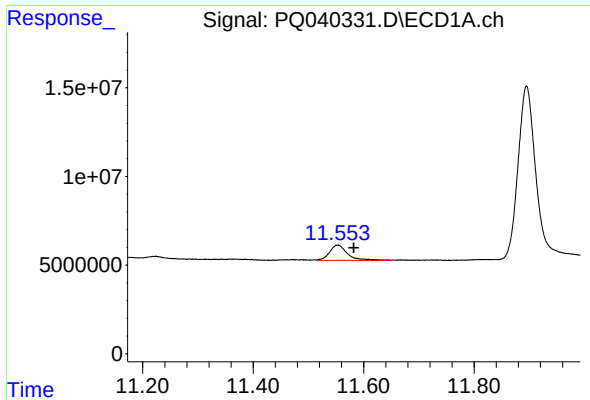
#44 AR-1268-4

R.T.: 11.128 min
Delta R.T.: -0.025 min
Response: 43699288
Conc: 214.25 ng/ml



#44 AR-1268-4

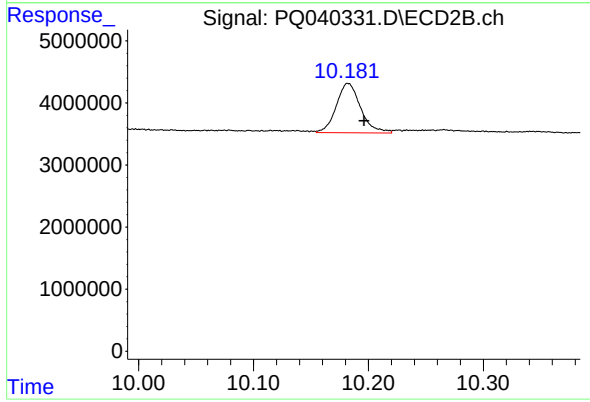
R.T.: 9.874 min
Delta R.T.: -0.013 min
Response: 31362396
Conc: 227.62 ng/ml



#45 AR-1268-5

R.T.: 11.553 min
Delta R.T.: -0.029 min
Response: 19114120
Conc: 10.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MSD



#45 AR-1268-5

R.T.: 10.182 min
Delta R.T.: -0.014 min
Response: 11735636
Conc: 9.94 ng/ml