

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081319\
 Data File : PQ042429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2019 19:58
 Operator : SM\AJ
 Sample : K4183-21MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 07:58:06 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...	5.673	4.735	49960445	47085312	21.785	24.432
2)	SA Decachlor...	12.059	10.483	225.5E6	174.8E6	26.749	36.131 #
Target Compounds							
3)	L1 AR-1016-1	7.121	6.186	61089934	36894453	565.207	355.543 #
4)	L1 AR-1016-2	7.145	6.208	86598927	51357292	553.250	358.467 #
5)	L1 AR-1016-3	7.216	6.422	71723309	26647590	741.495	357.340 #
6)	L1 AR-1016-4	7.330	6.526	84917789	26268135	1088.491	423.609 #
7)	L1 AR-1016-5	7.663	6.775	42956639	11972464	546.451	147.076 #
9)	L2 AR-1221-2	6.063	5.159	4548836	3514230	263.254	220.056
10)	L2 AR-1221-3	6.159	5.262	16784730	15583617	272.723	285.770
11)	L3 AR-1232-1	6.159	5.262	16784730	15583617	310.161	322.724
12)	L3 AR-1232-2	6.803	6.246	60674089	3064206	1846.627	53.732 #
13)	L3 AR-1232-3	7.145	6.422	86598927	26647590	1297.101	893.629 #
14)	L3 AR-1232-4	7.330	6.560	84917789	6426057	2647.342	240.706 #
15)	L3 AR-1232-5	7.485	6.775	39620185	11972464	1843.634	408.252 #
16)	L4 AR-1242-1	7.121	6.186	61089934	36894453	682.957	450.813 #
17)	L4 AR-1242-2	7.145	6.246	86598927	3064206	673.443	27.132 #
18)	L4 AR-1242-3	7.216	6.422	71723309	26647590	884.530	451.098 #
19)	L4 AR-1242-4	7.330	6.560	84917789	6426057	1320.904	108.370 #
20)	L4 AR-1242-5	8.151	7.185	5392684	5629185	60.779	63.396
21)	L5 AR-1248-1	7.121	6.186	61089934	36894453	824.024	556.445 #
22)	L5 AR-1248-2	7.485	6.526	39620185	26268135	429.426	301.283 #
23)	L5 AR-1248-3	7.708	6.526	17660093	26268135	157.621	294.302 #
24)	L5 AR-1248-4	8.111	6.775	6100644	11972464	39.017	108.701 #
25)	L5 AR-1248-5	8.151	7.185	5392684	5629185	35.637	43.918
26)	L6 AR-1254-1	8.080	7.185	22777609	5629185	163.733	30.780 #
27)	L6 AR-1254-2	8.318	7.305	47902513	27359160	209.288	169.018
28)	L6 AR-1254-3	8.715	7.768	30732120	58983430	112.396	204.515 #
29)	L6 AR-1254-4	9.014	8.001	12073220	12267096	49.043	56.511
30)	L6 AR-1254-5	9.453	8.486	143.3E6	92461754	529.204	307.419 #
31)	L7 AR-1260-1	8.885	7.894	81726248	97262278	459.432	536.088
32)	L7 AR-1260-2	9.154	8.098	295.8E6	119.3E6	1172.690	486.330 #
33)	L7 AR-1260-3	9.531	8.262	84932435	110.1E6	370.667	517.588 #
34)	L7 AR-1260-4	9.773	8.761	113.1E6	89836312	442.828	444.098
35)	L7 AR-1260-5	10.119	9.012	273.3E6	263.7E6	405.810	446.728
36)	L8 AR-1262-1	9.591	8.544	46833154	46997304	304.715	327.588
37)	L8 AR-1262-2	10.119	9.012	273.3E6	263.7E6	312.251	355.789
38)	L8 AR-1262-3	10.474	9.305	173.6E6	49959486	273.418	157.914 #
39)	L8 AR-1262-4	10.532	9.372	102.4E6	176.4E6	204.502	313.738 #
40)	L8 AR-1262-5	11.257	9.894	101.0E6	64020901	248.097	224.159
41)	L9 AR-1268-1	10.474	9.305	173.6E6	49959486	121.879	43.702 #
42)	L9 AR-1268-2	10.532	9.372	102.4E6	176.4E6	77.635	171.871 #

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 Data File : PQ042429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2019 19:58
 Operator : SM\AJ
 Sample : K4183-21MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

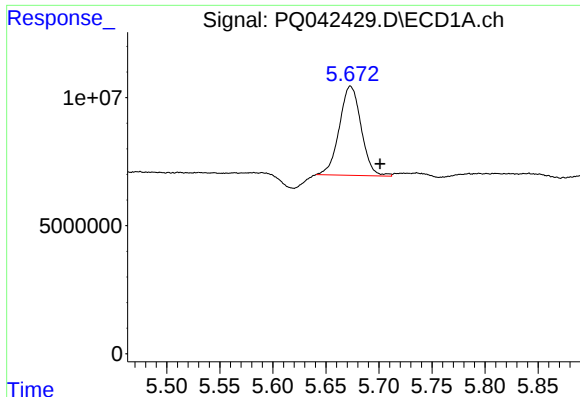
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 07:58:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
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 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
43) L9	AR-1268-3	10.797	9.585	4082139	4474812	3.489	5.150 #
44) L9	AR-1268-4	11.257	9.894	101.0E6	64020901	185.524	166.431
45) L9	AR-1268-5	11.699	10.210	23676958	15353018	5.842	5.911

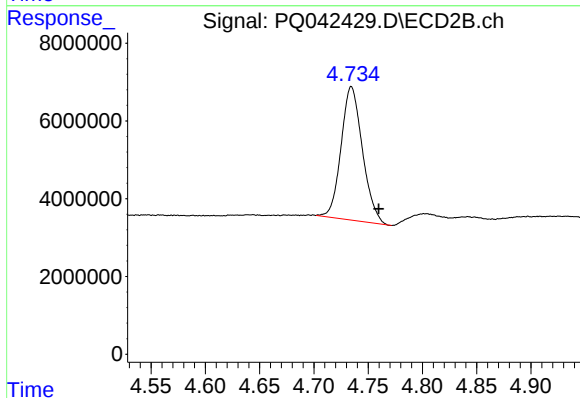
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

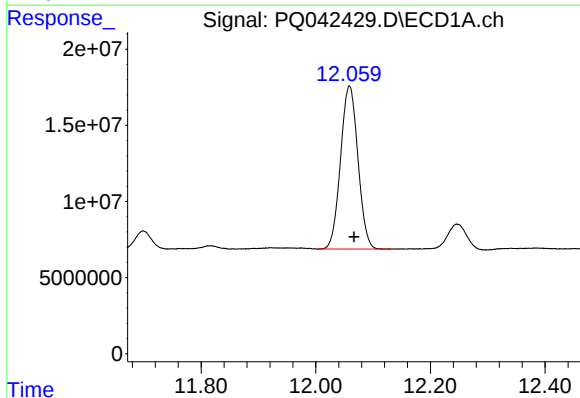
R.T.: 5.673 min
Delta R.T.: -0.028 min
Response: 49960445
Conc: 21.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



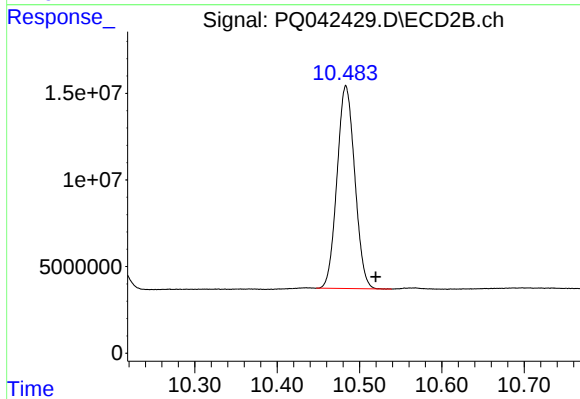
#1 Tetrachloro-m-xylene

R.T.: 4.735 min
Delta R.T.: -0.025 min
Response: 47085312
Conc: 24.43 ng/ml



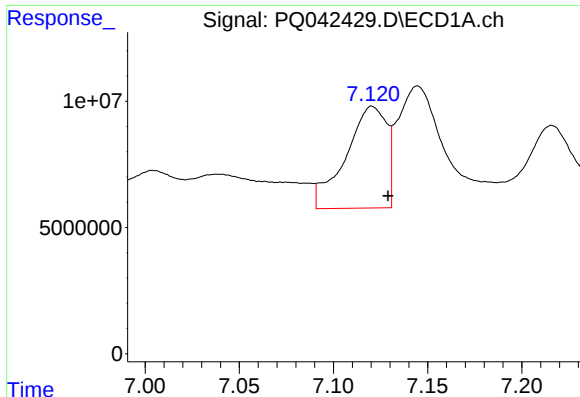
#2 Decachlorobiphenyl

R.T.: 12.059 min
Delta R.T.: -0.008 min
Response: 225532000
Conc: 26.75 ng/ml



#2 Decachlorobiphenyl

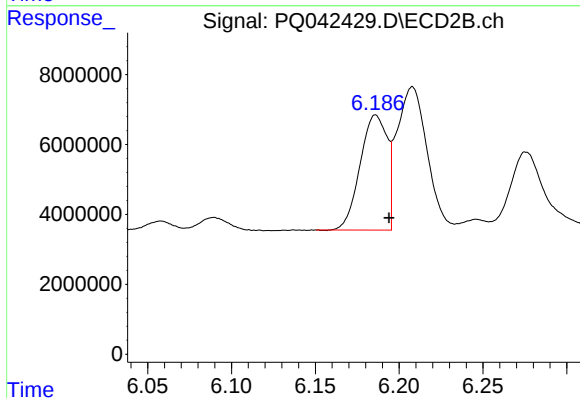
R.T.: 10.483 min
Delta R.T.: -0.036 min
Response: 174776658
Conc: 36.13 ng/ml



#3 AR-1016-1

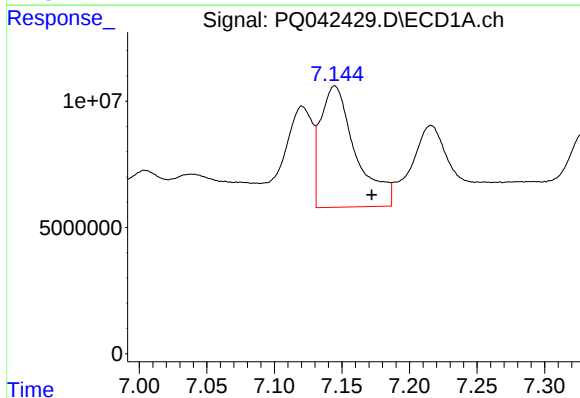
R.T.: 7.121 min
Delta R.T.: -0.008 min
Response: 61089934
Conc: 565.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



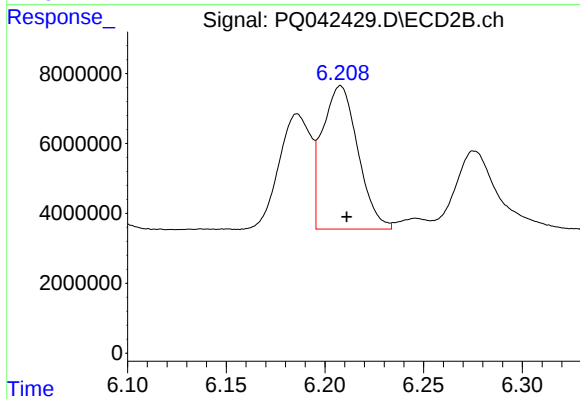
#3 AR-1016-1

R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 36894453
Conc: 355.54 ng/ml



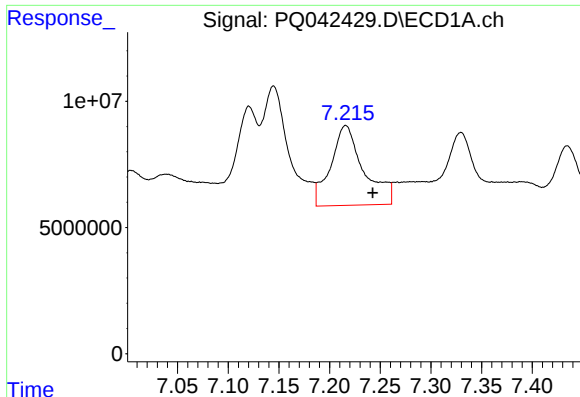
#4 AR-1016-2

R.T.: 7.145 min
Delta R.T.: -0.027 min
Response: 86598927
Conc: 553.25 ng/ml



#4 AR-1016-2

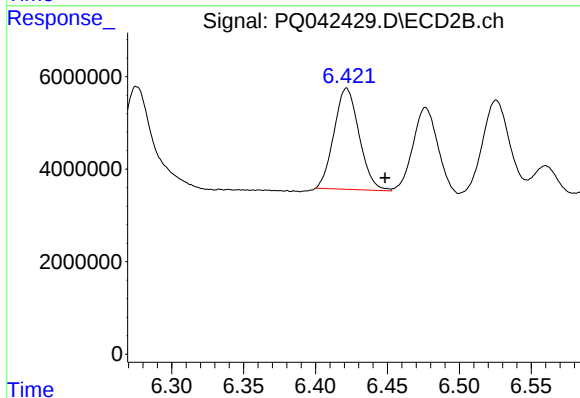
R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 51357292
Conc: 358.47 ng/ml



#5 AR-1016-3

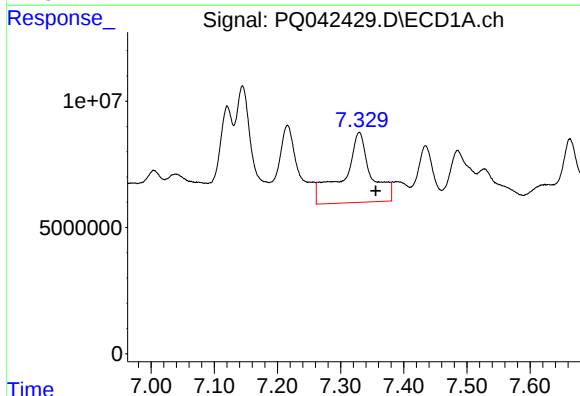
R.T.: 7.216 min
Delta R.T.: -0.027 min
Response: 71723309
Conc: 741.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



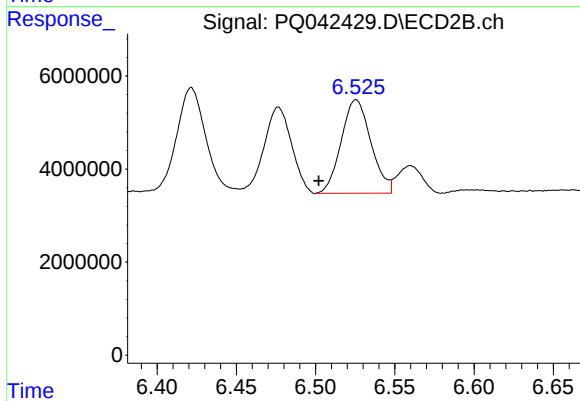
#5 AR-1016-3

R.T.: 6.422 min
Delta R.T.: -0.027 min
Response: 26647590
Conc: 357.34 ng/ml



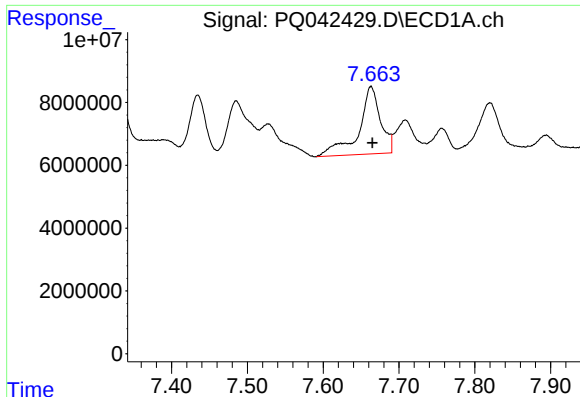
#6 AR-1016-4

R.T.: 7.330 min
Delta R.T.: -0.026 min
Response: 84917789
Conc: 1088.49 ng/ml



#6 AR-1016-4

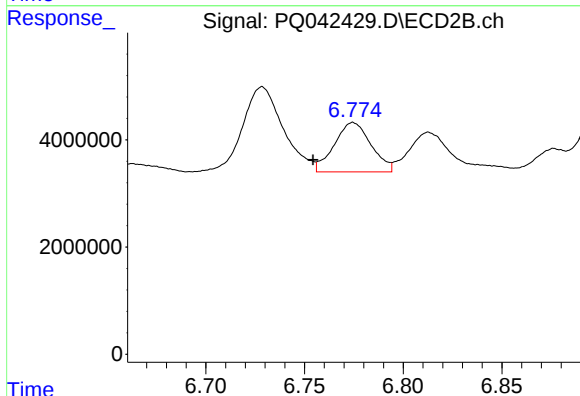
R.T.: 6.526 min
Delta R.T.: 0.024 min
Response: 26268135
Conc: 423.61 ng/ml



#7 AR-1016-5

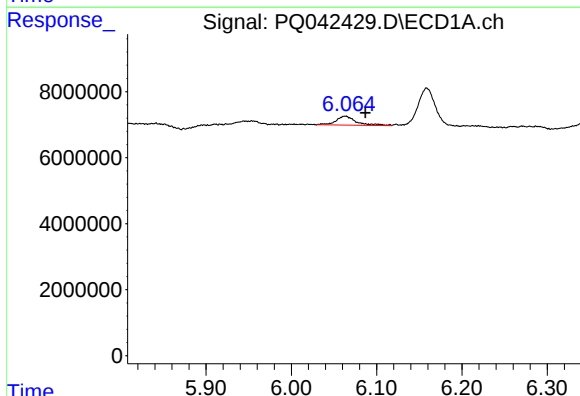
R.T.: 7.663 min
Delta R.T.: -0.002 min
Response: 42956639
Conc: 546.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



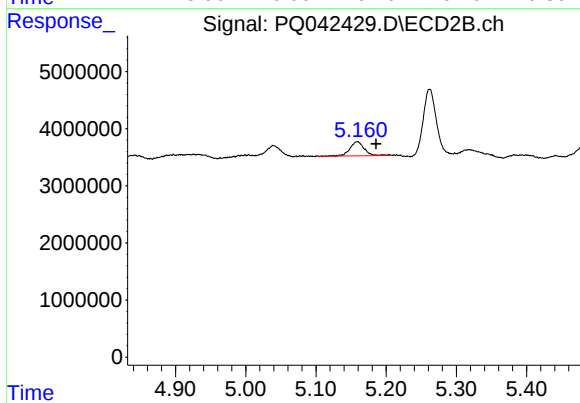
#7 AR-1016-5

R.T.: 6.775 min
Delta R.T.: 0.020 min
Response: 11972464
Conc: 147.08 ng/ml



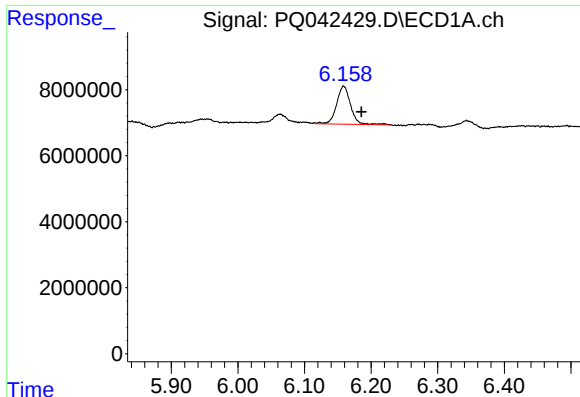
#9 AR-1221-2

R.T.: 6.063 min
Delta R.T.: -0.024 min
Response: 4548836
Conc: 263.25 ng/ml



#9 AR-1221-2

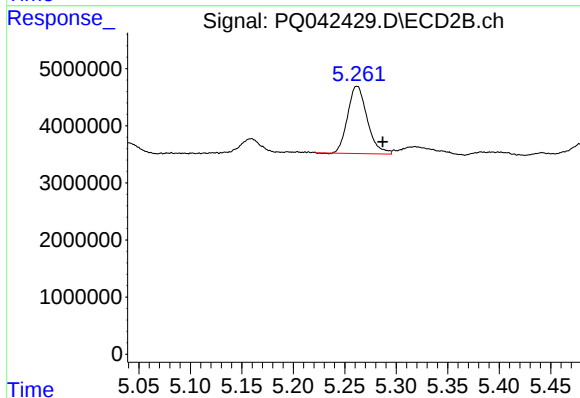
R.T.: 5.159 min
Delta R.T.: -0.026 min
Response: 3514230
Conc: 220.06 ng/ml



#10 AR-1221-3

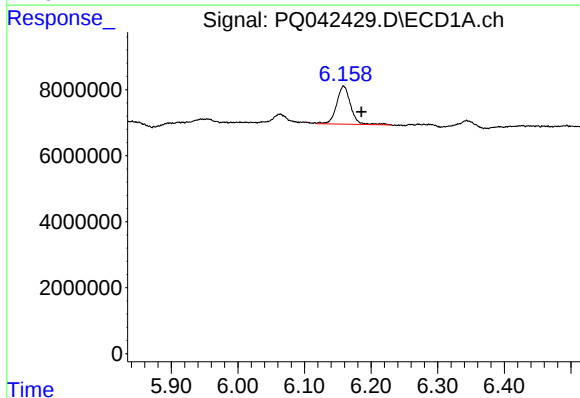
R.T.: 6.159 min
Delta R.T.: -0.027 min
Response: 16784730
Conc: 272.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



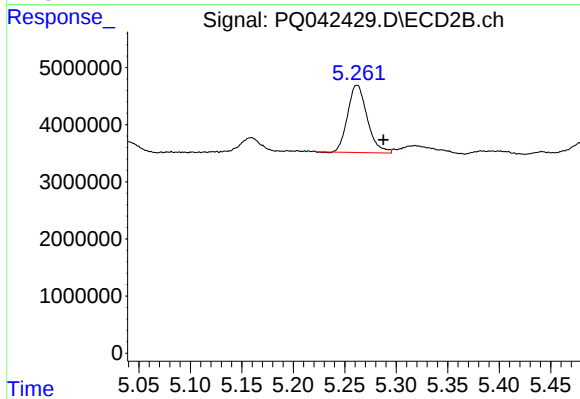
#10 AR-1221-3

R.T.: 5.262 min
Delta R.T.: -0.025 min
Response: 15583617
Conc: 285.77 ng/ml



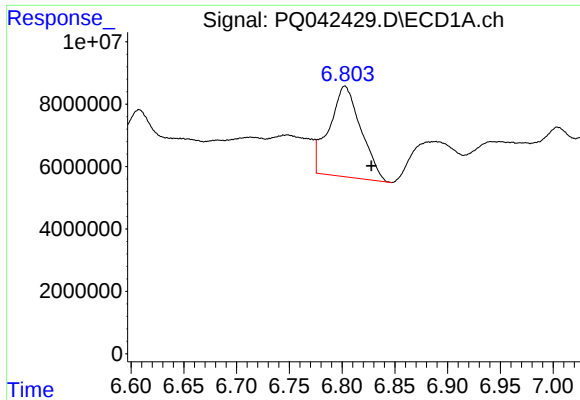
#11 AR-1232-1

R.T.: 6.159 min
Delta R.T.: -0.026 min
Response: 16784730
Conc: 310.16 ng/ml



#11 AR-1232-1

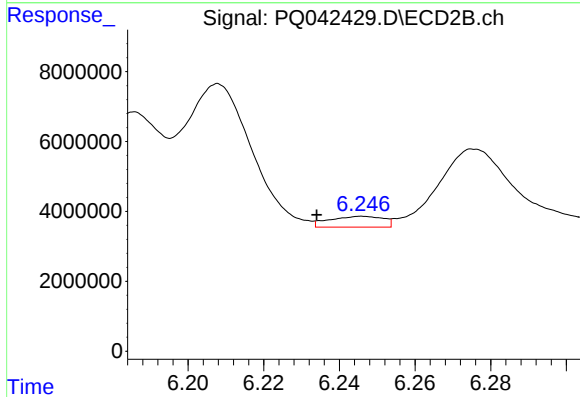
R.T.: 5.262 min
Delta R.T.: -0.026 min
Response: 15583617
Conc: 322.72 ng/ml



#12 AR-1232-2

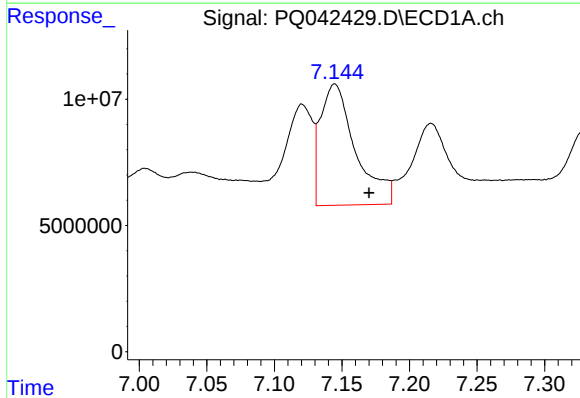
R.T.: 6.803 min
Delta R.T.: -0.025 min
Response: 60674089
Conc: 1846.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



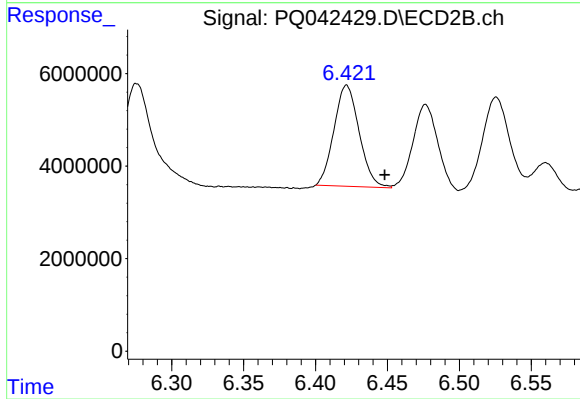
#12 AR-1232-2

R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 3064206
Conc: 53.73 ng/ml



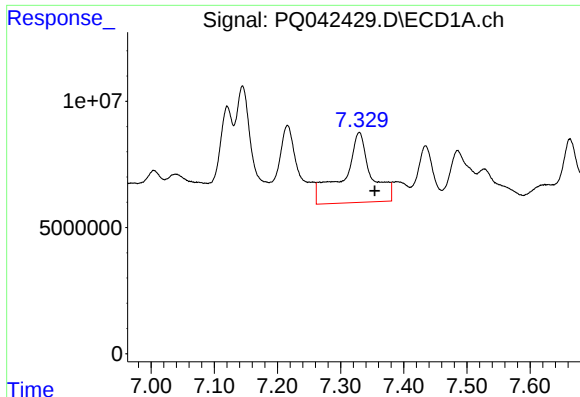
#13 AR-1232-3

R.T.: 7.145 min
Delta R.T.: -0.026 min
Response: 86598927
Conc: 1297.10 ng/ml



#13 AR-1232-3

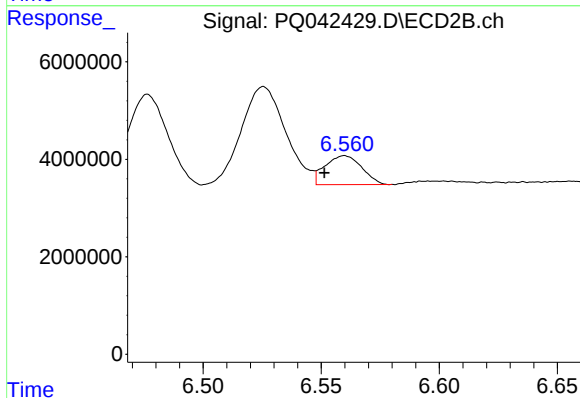
R.T.: 6.422 min
Delta R.T.: -0.027 min
Response: 26647590
Conc: 893.63 ng/ml



#14 AR-1232-4

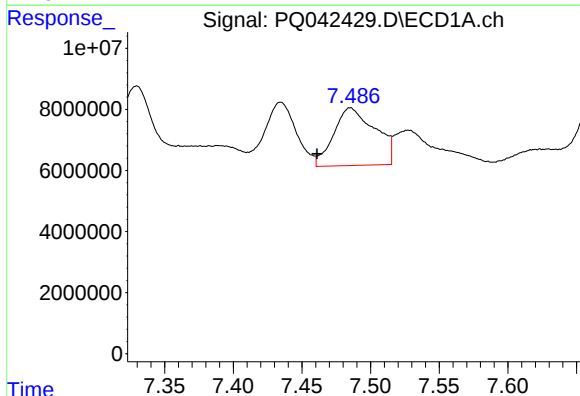
R.T.: 7.330 min
Delta R.T.: -0.024 min
Response: 84917789
Conc: 2647.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



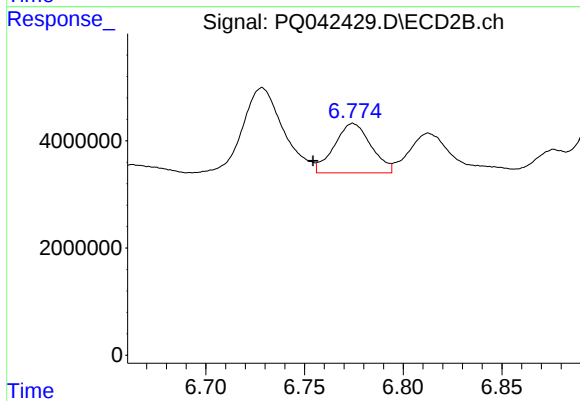
#14 AR-1232-4

R.T.: 6.560 min
Delta R.T.: 0.009 min
Response: 6426057
Conc: 240.71 ng/ml



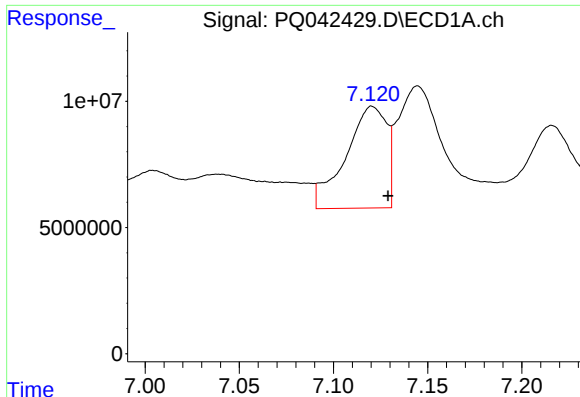
#15 AR-1232-5

R.T.: 7.485 min
Delta R.T.: 0.024 min
Response: 39620185
Conc: 1843.63 ng/ml



#15 AR-1232-5

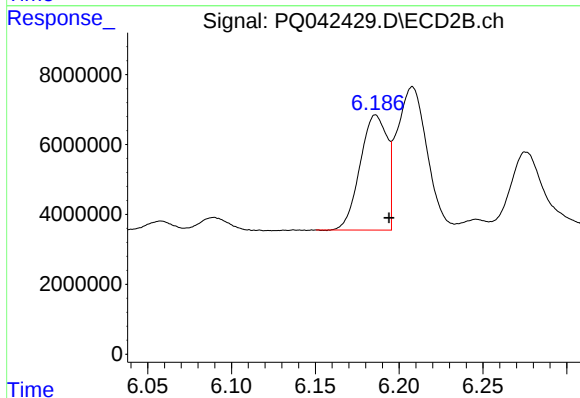
R.T.: 6.775 min
Delta R.T.: 0.020 min
Response: 11972464
Conc: 408.25 ng/ml



#16 AR-1242-1

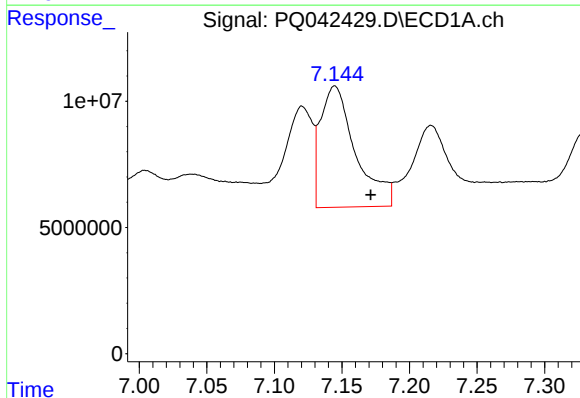
R.T.: 7.121 min
Delta R.T.: -0.008 min
Response: 61089934
Conc: 682.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



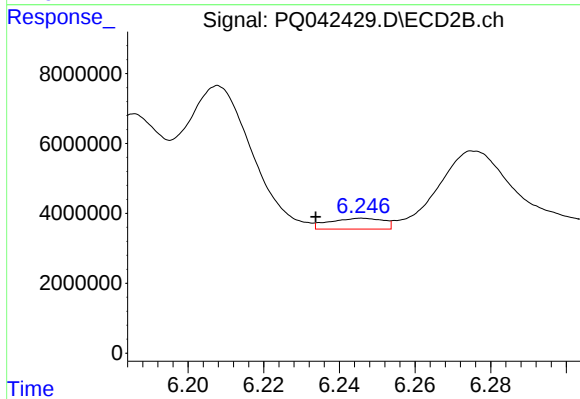
#16 AR-1242-1

R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 36894453
Conc: 450.81 ng/ml



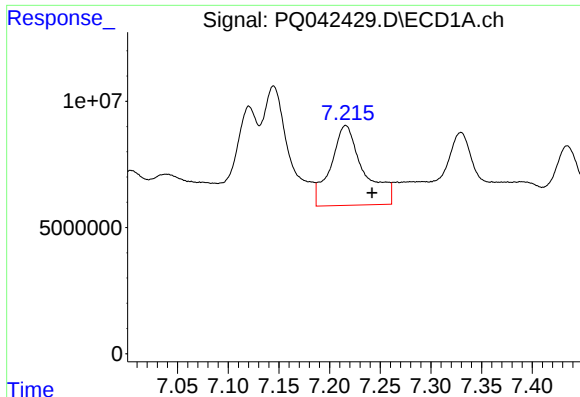
#17 AR-1242-2

R.T.: 7.145 min
Delta R.T.: -0.027 min
Response: 86598927
Conc: 673.44 ng/ml



#17 AR-1242-2

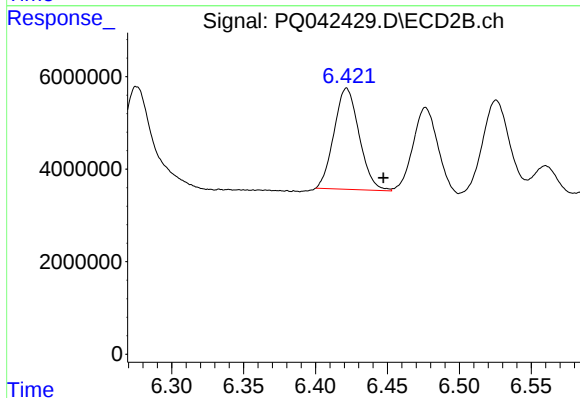
R.T.: 6.246 min
Delta R.T.: 0.012 min
Response: 3064206
Conc: 27.13 ng/ml



#18 AR-1242-3

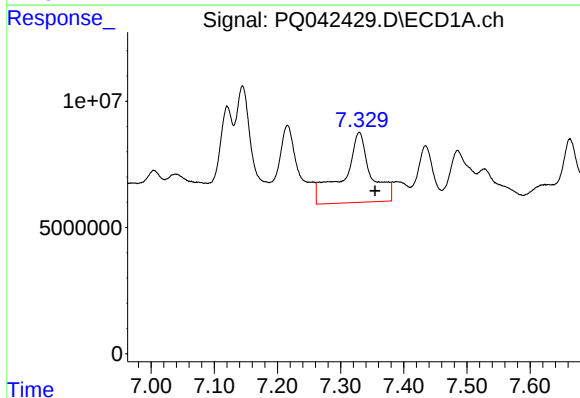
R.T.: 7.216 min
Delta R.T.: -0.026 min
Response: 71723309
Conc: 884.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



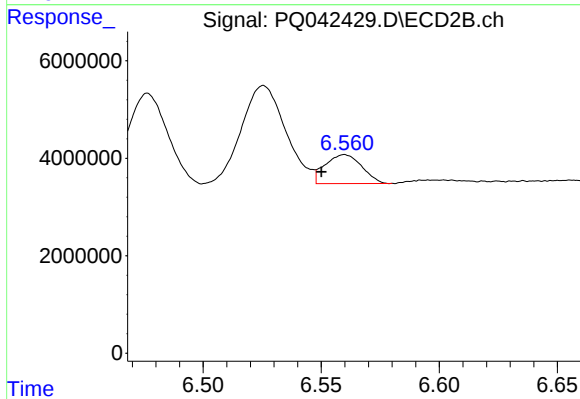
#18 AR-1242-3

R.T.: 6.422 min
Delta R.T.: -0.026 min
Response: 26647590
Conc: 451.10 ng/ml



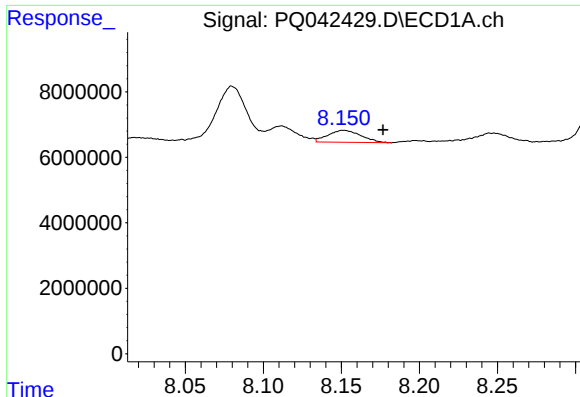
#19 AR-1242-4

R.T.: 7.330 min
Delta R.T.: -0.025 min
Response: 84917789
Conc: 1320.90 ng/ml



#19 AR-1242-4

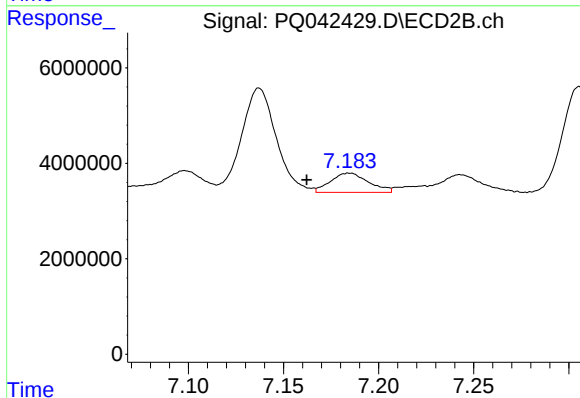
R.T.: 6.560 min
Delta R.T.: 0.010 min
Response: 6426057
Conc: 108.37 ng/ml



#20 AR-1242-5

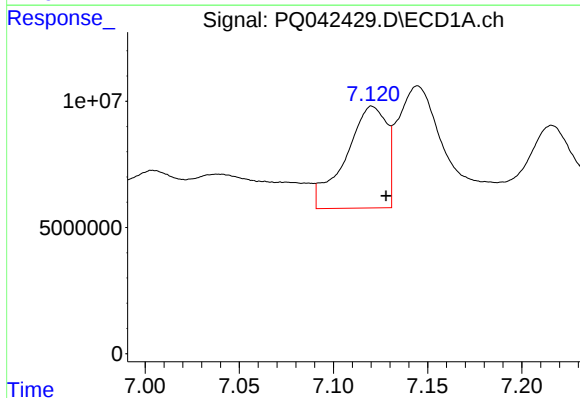
R.T.: 8.151 min
Delta R.T.: -0.025 min
Response: 5392684
Conc: 60.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



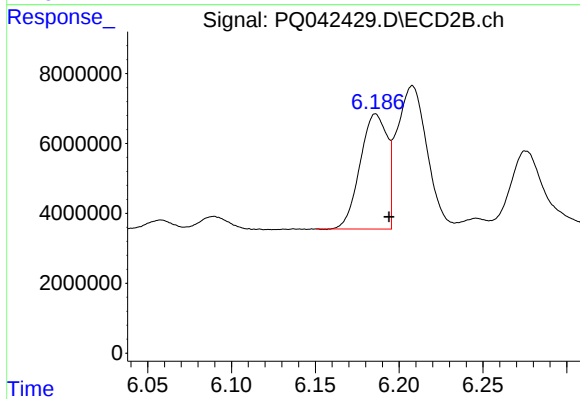
#20 AR-1242-5

R.T.: 7.185 min
Delta R.T.: 0.022 min
Response: 5629185
Conc: 63.40 ng/ml



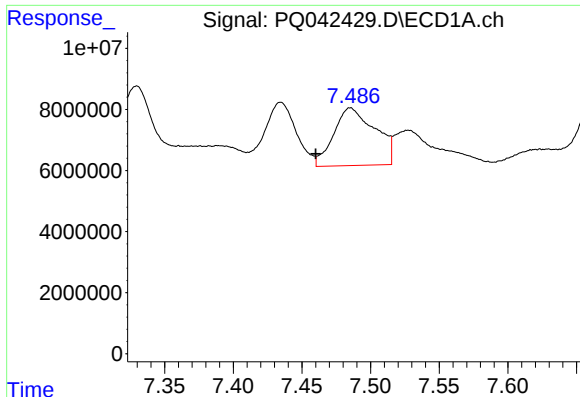
#21 AR-1248-1

R.T.: 7.121 min
Delta R.T.: -0.007 min
Response: 61089934
Conc: 824.02 ng/ml



#21 AR-1248-1

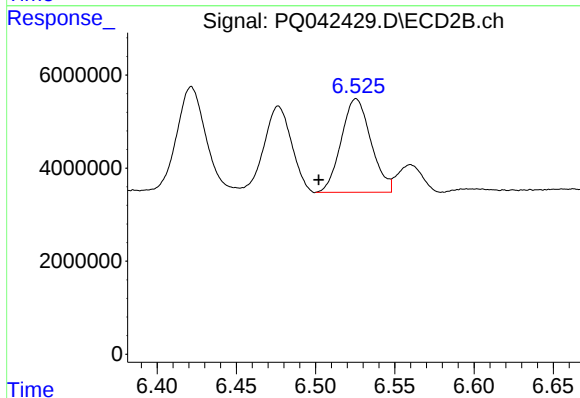
R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 36894453
Conc: 556.44 ng/ml



#22 AR-1248-2

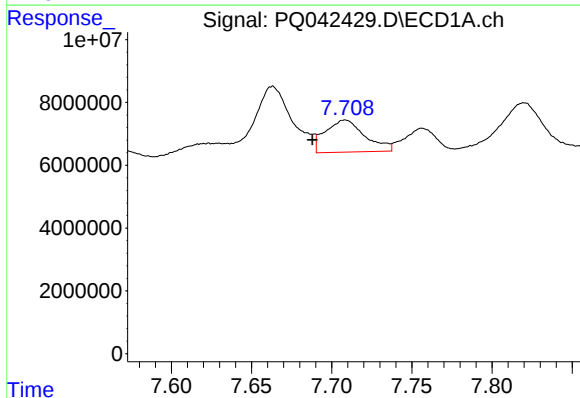
R.T.: 7.485 min
Delta R.T.: 0.025 min
Response: 39620185
Conc: 429.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



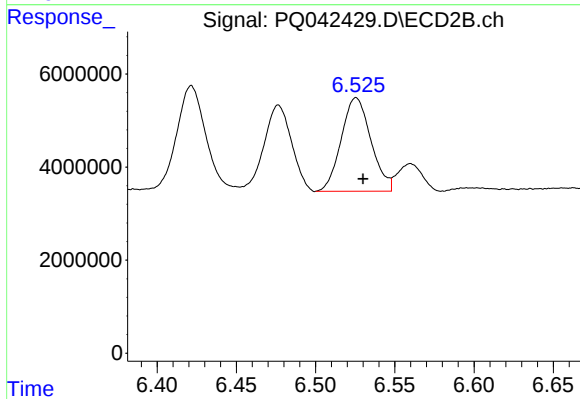
#22 AR-1248-2

R.T.: 6.526 min
Delta R.T.: 0.024 min
Response: 26268135
Conc: 301.28 ng/ml



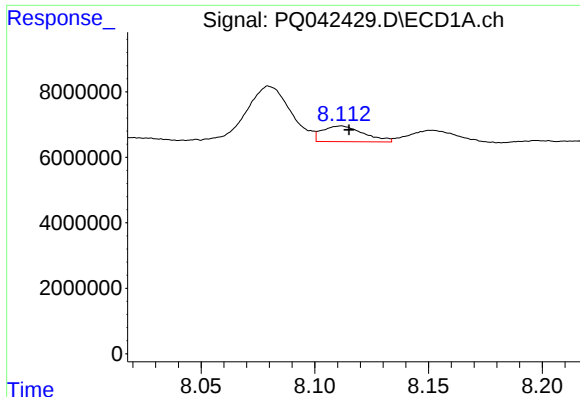
#23 AR-1248-3

R.T.: 7.708 min
Delta R.T.: 0.020 min
Response: 17660093
Conc: 157.62 ng/ml



#23 AR-1248-3

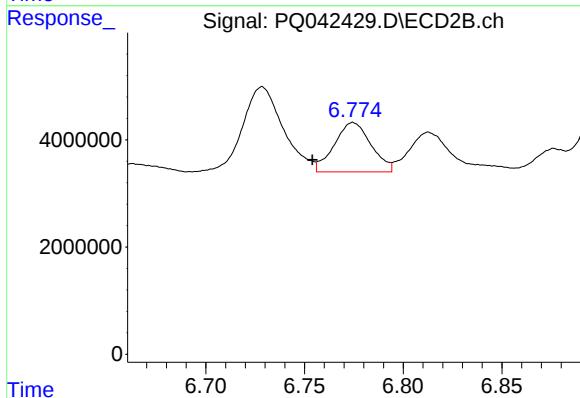
R.T.: 6.526 min
Delta R.T.: -0.004 min
Response: 26268135
Conc: 294.30 ng/ml



#24 AR-1248-4

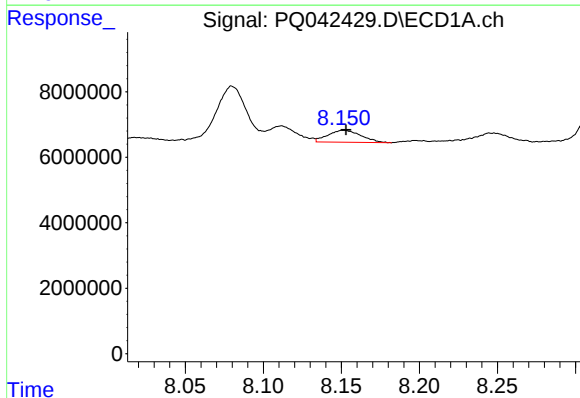
R.T.: 8.111 min
Delta R.T.: -0.004 min
Response: 6100644
Conc: 39.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



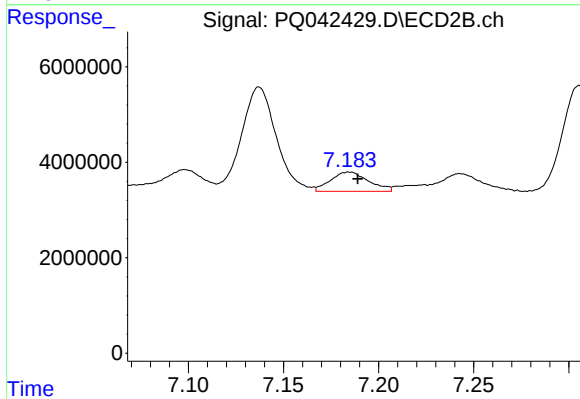
#24 AR-1248-4

R.T.: 6.775 min
Delta R.T.: 0.021 min
Response: 11972464
Conc: 108.70 ng/ml



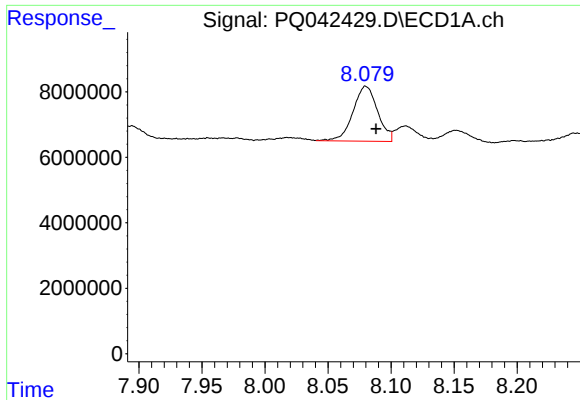
#25 AR-1248-5

R.T.: 8.151 min
Delta R.T.: -0.002 min
Response: 5392684
Conc: 35.64 ng/ml



#25 AR-1248-5

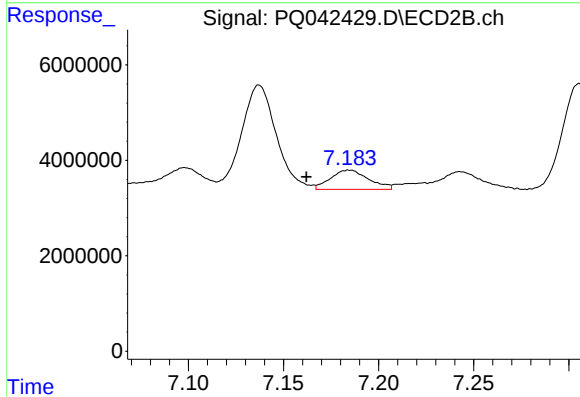
R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 5629185
Conc: 43.92 ng/ml



#26 AR-1254-1

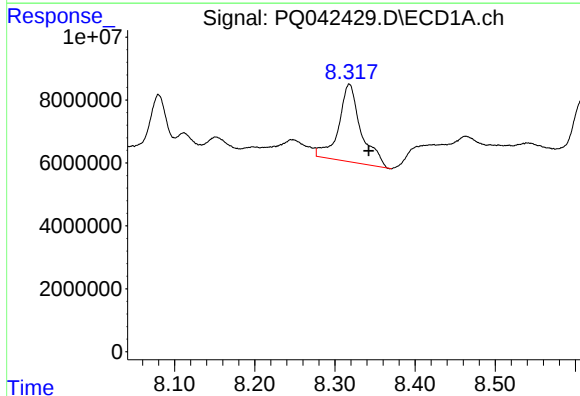
R.T.: 8.080 min
Delta R.T.: -0.008 min
Response: 22777609
Conc: 163.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



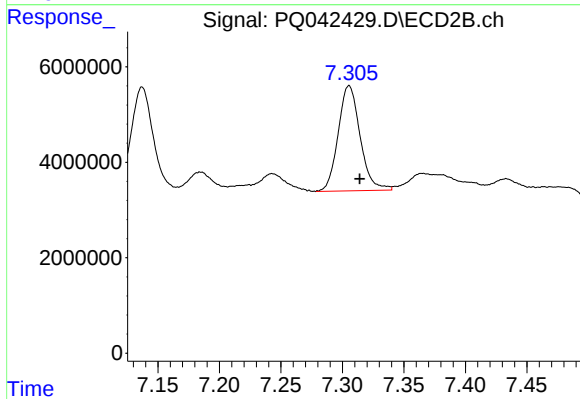
#26 AR-1254-1

R.T.: 7.185 min
Delta R.T.: 0.023 min
Response: 5629185
Conc: 30.78 ng/ml



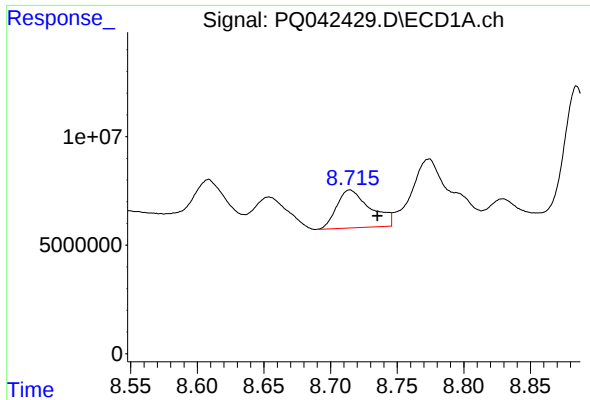
#27 AR-1254-2

R.T.: 8.318 min
Delta R.T.: -0.024 min
Response: 47902513
Conc: 209.29 ng/ml



#27 AR-1254-2

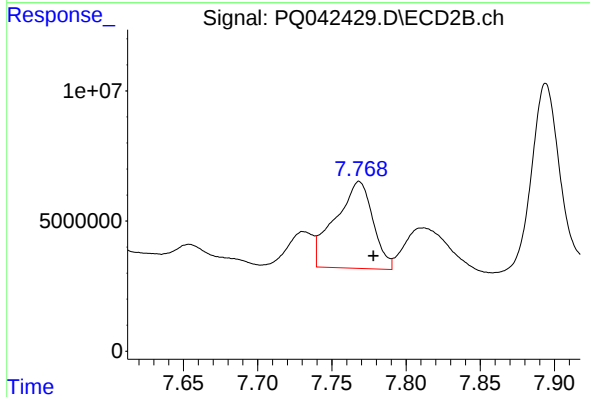
R.T.: 7.305 min
Delta R.T.: -0.009 min
Response: 27359160
Conc: 169.02 ng/ml



#28 AR-1254-3

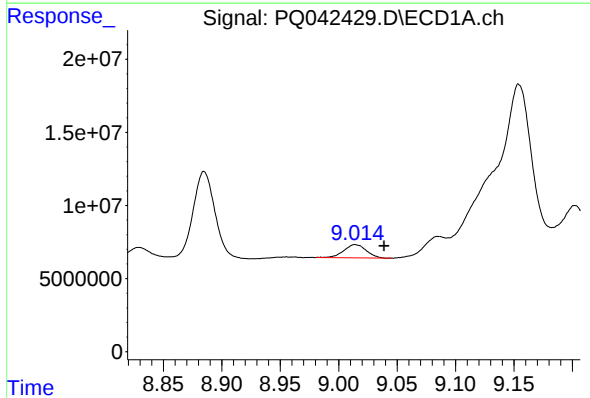
R.T.: 8.715 min
Delta R.T.: -0.021 min
Response: 30732120
Conc: 112.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



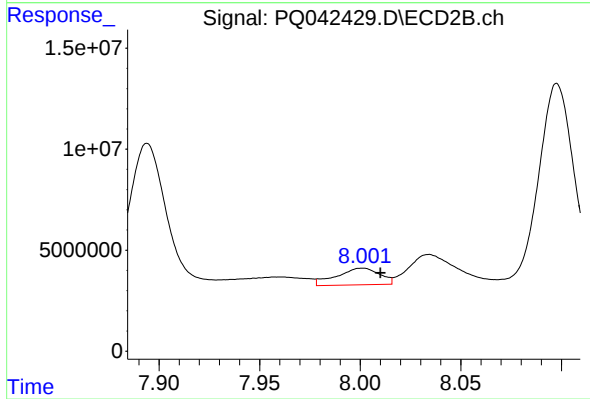
#28 AR-1254-3

R.T.: 7.768 min
Delta R.T.: -0.010 min
Response: 58983430
Conc: 204.51 ng/ml



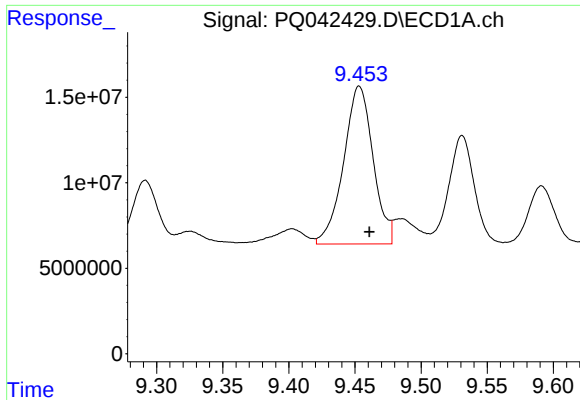
#29 AR-1254-4

R.T.: 9.014 min
Delta R.T.: -0.025 min
Response: 12073220
Conc: 49.04 ng/ml



#29 AR-1254-4

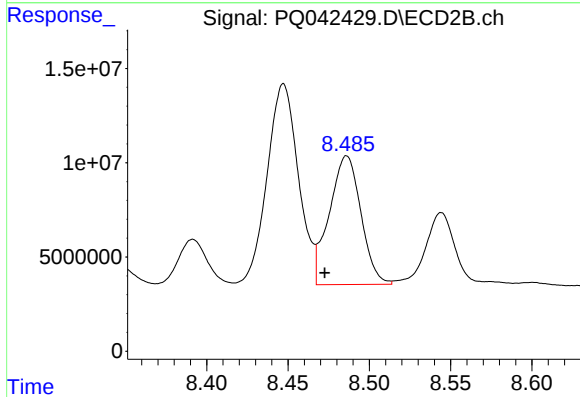
R.T.: 8.001 min
Delta R.T.: -0.009 min
Response: 12267096
Conc: 56.51 ng/ml



#30 AR-1254-5

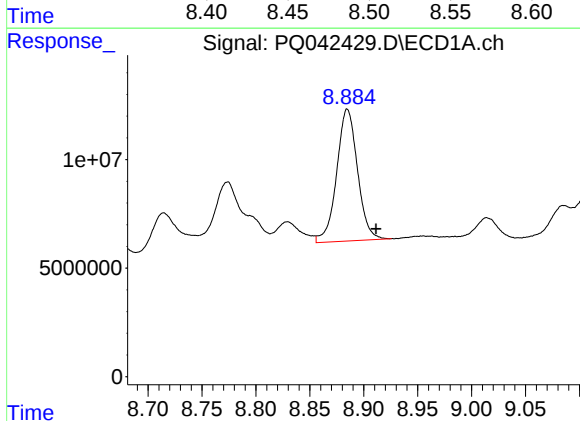
R.T.: 9.453 min
Delta R.T.: -0.008 min
Response: 143332545
Conc: 529.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



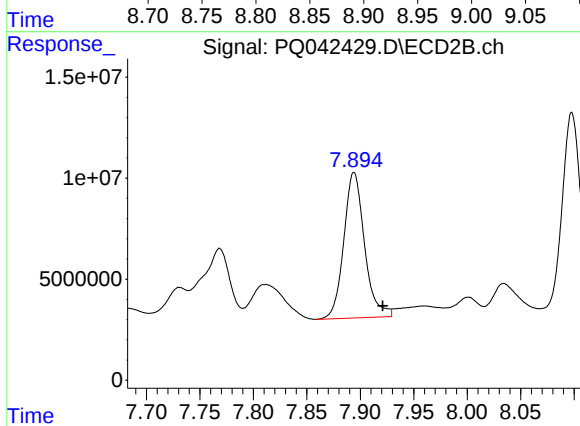
#30 AR-1254-5

R.T.: 8.486 min
Delta R.T.: 0.013 min
Response: 92461754
Conc: 307.42 ng/ml



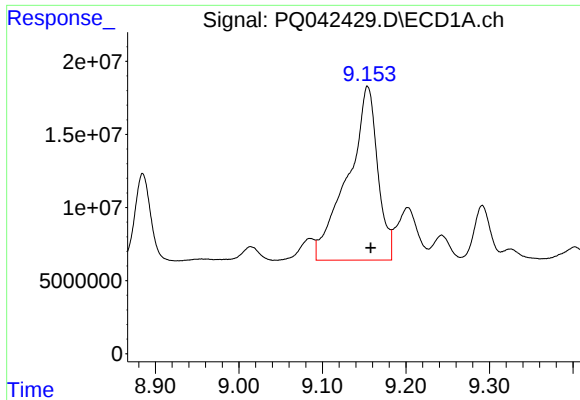
#31 AR-1260-1

R.T.: 8.885 min
Delta R.T.: -0.027 min
Response: 81726248
Conc: 459.43 ng/ml



#31 AR-1260-1

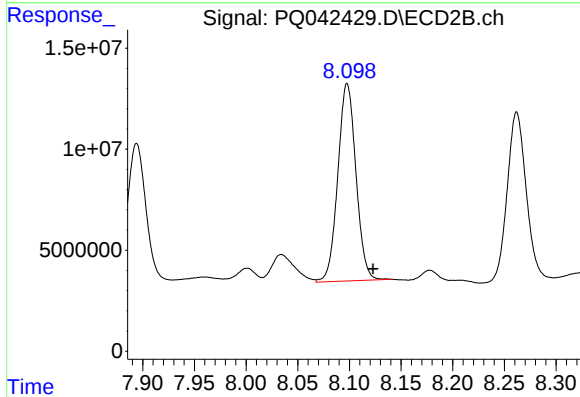
R.T.: 7.894 min
Delta R.T.: -0.027 min
Response: 97262278
Conc: 536.09 ng/ml



#32 AR-1260-2

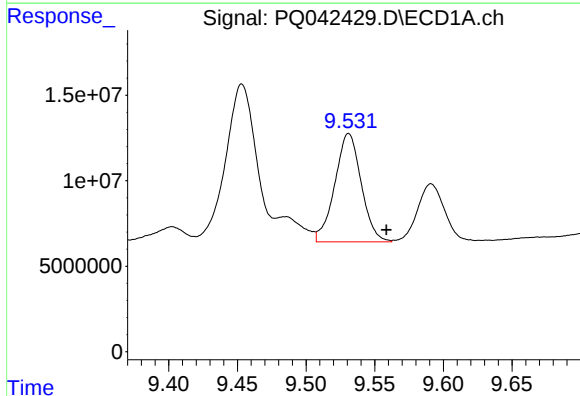
R.T.: 9.154 min
Delta R.T.: -0.004 min
Response: 295840611
Conc: 1172.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



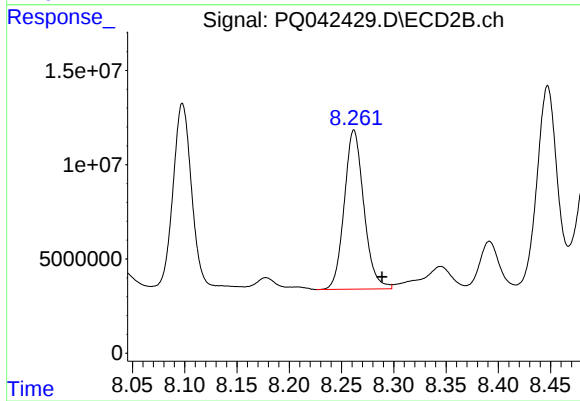
#32 AR-1260-2

R.T.: 8.098 min
Delta R.T.: -0.025 min
Response: 119314121
Conc: 486.33 ng/ml



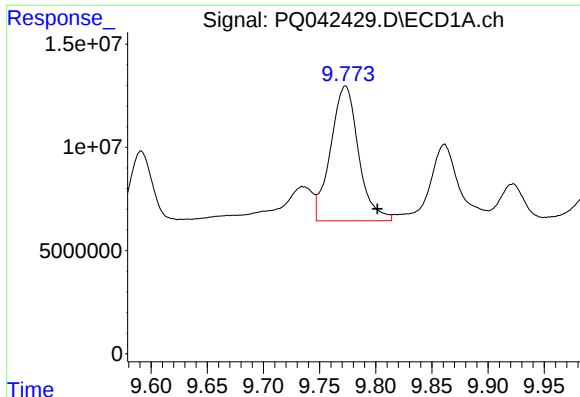
#33 AR-1260-3

R.T.: 9.531 min
Delta R.T.: -0.027 min
Response: 84932435
Conc: 370.67 ng/ml



#33 AR-1260-3

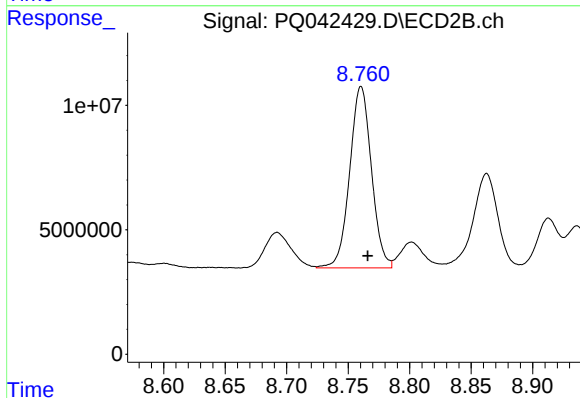
R.T.: 8.262 min
Delta R.T.: -0.027 min
Response: 110131062
Conc: 517.59 ng/ml



#34 AR-1260-4

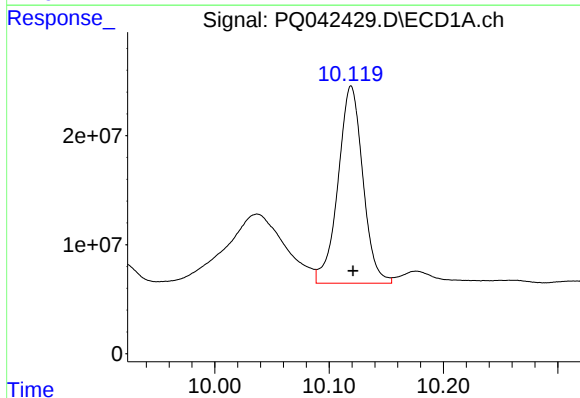
R.T.: 9.773 min
Delta R.T.: -0.029 min
Response: 113072628
Conc: 442.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



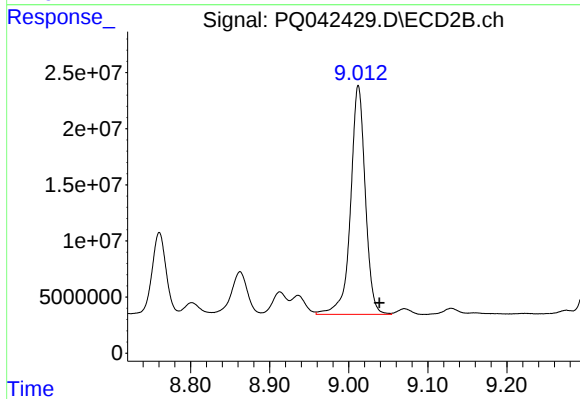
#34 AR-1260-4

R.T.: 8.761 min
Delta R.T.: -0.005 min
Response: 89836312
Conc: 444.10 ng/ml



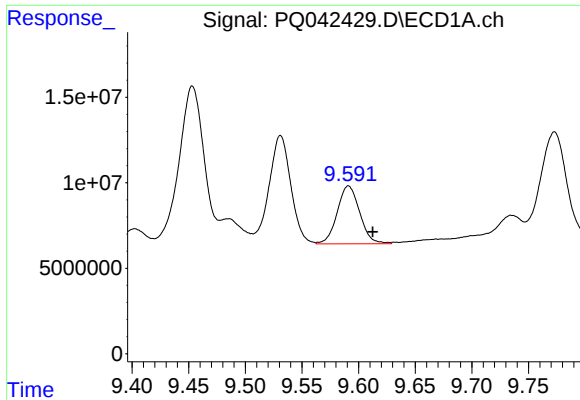
#35 AR-1260-5

R.T.: 10.119 min
Delta R.T.: -0.002 min
Response: 273349925
Conc: 405.81 ng/ml



#35 AR-1260-5

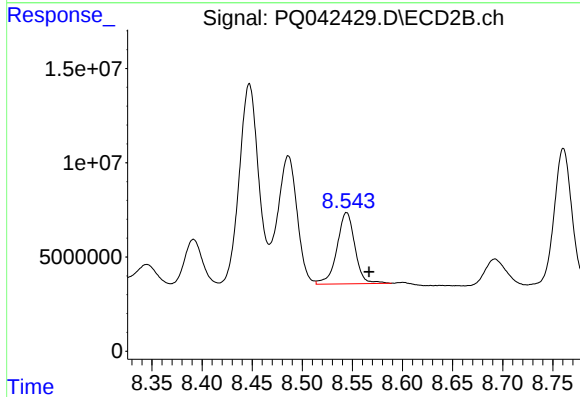
R.T.: 9.012 min
Delta R.T.: -0.026 min
Response: 263659244
Conc: 446.73 ng/ml



#36 AR-1262-1

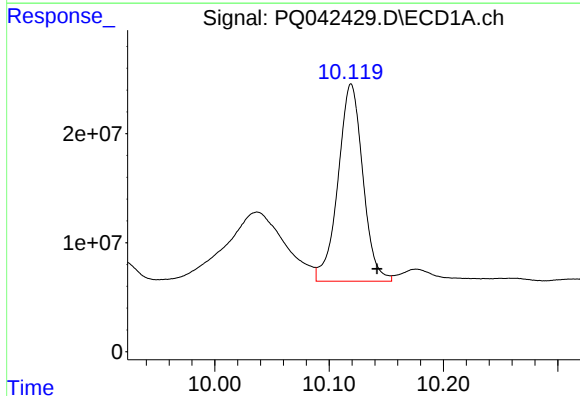
R.T.: 9.591 min
Delta R.T.: -0.021 min
Response: 46833154
Conc: 304.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



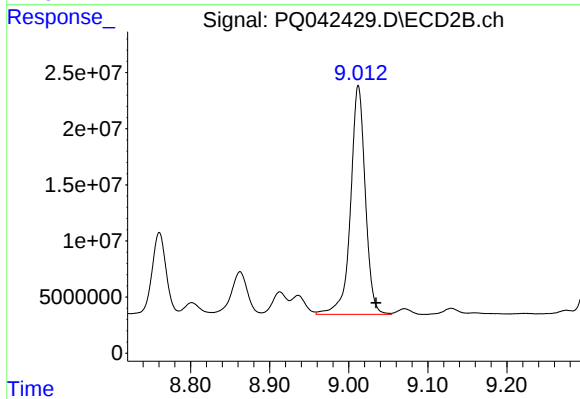
#36 AR-1262-1

R.T.: 8.544 min
Delta R.T.: -0.022 min
Response: 46997304
Conc: 327.59 ng/ml



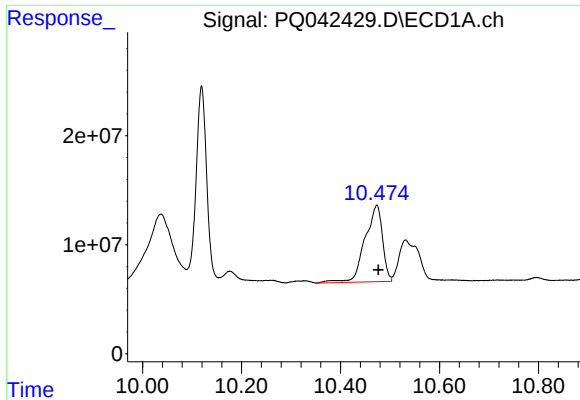
#37 AR-1262-2

R.T.: 10.119 min
Delta R.T.: -0.023 min
Response: 273349925
Conc: 312.25 ng/ml



#37 AR-1262-2

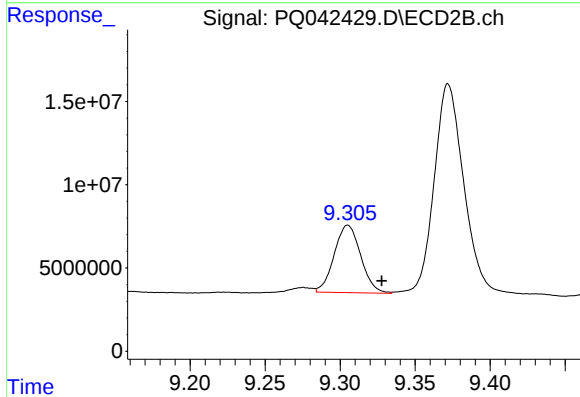
R.T.: 9.012 min
Delta R.T.: -0.022 min
Response: 263659244
Conc: 355.79 ng/ml



#38 AR-1262-3

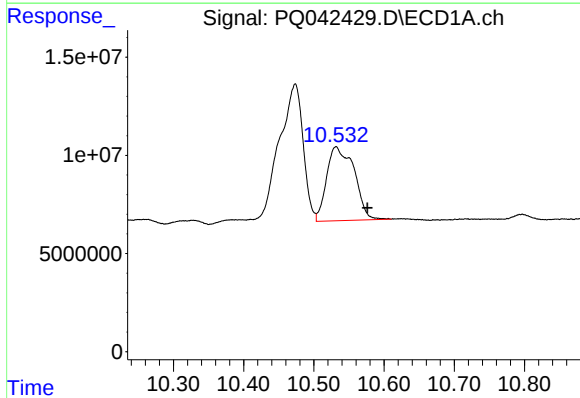
R.T.: 10.474 min
Delta R.T.: -0.003 min
Response: 173623232
Conc: 273.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



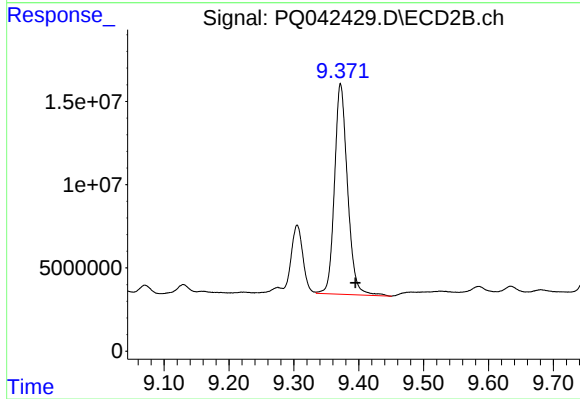
#38 AR-1262-3

R.T.: 9.305 min
Delta R.T.: -0.023 min
Response: 49959486
Conc: 157.91 ng/ml



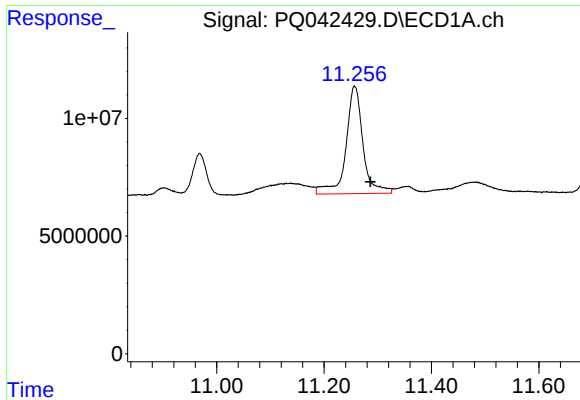
#39 AR-1262-4

R.T.: 10.532 min
Delta R.T.: -0.045 min
Response: 102395702
Conc: 204.50 ng/ml



#39 AR-1262-4

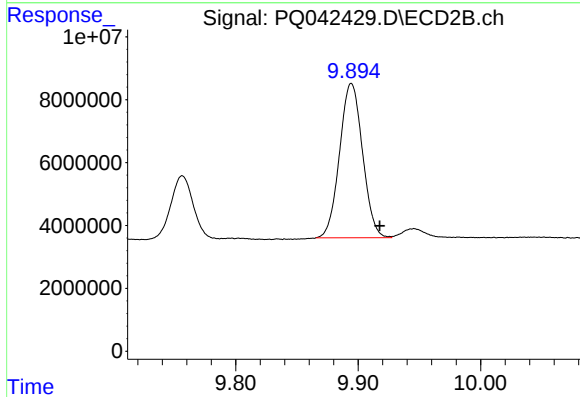
R.T.: 9.372 min
Delta R.T.: -0.023 min
Response: 176436040
Conc: 313.74 ng/ml



#40 AR-1262-5

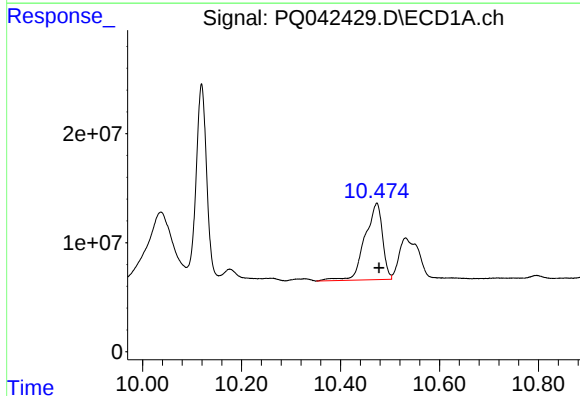
R.T.: 11.257 min
Delta R.T.: -0.030 min
Response: 101002674
Conc: 248.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



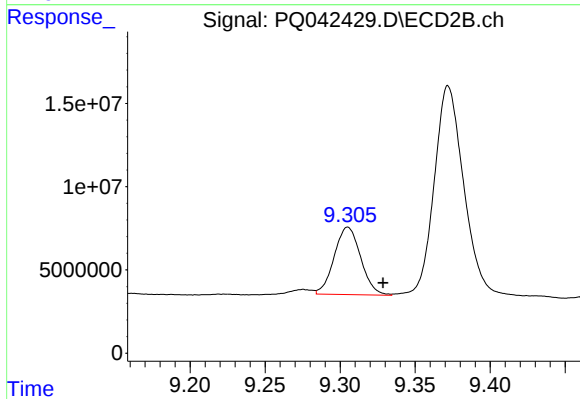
#40 AR-1262-5

R.T.: 9.894 min
Delta R.T.: -0.023 min
Response: 64020901
Conc: 224.16 ng/ml



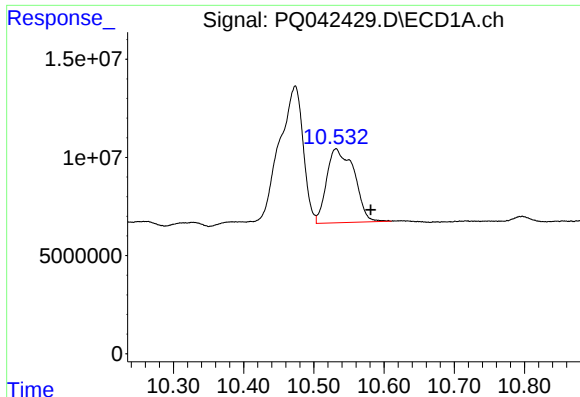
#41 AR-1268-1

R.T.: 10.474 min
Delta R.T.: -0.004 min
Response: 173623232
Conc: 121.88 ng/ml



#41 AR-1268-1

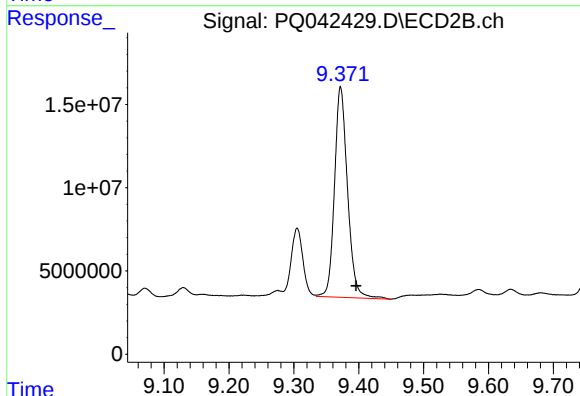
R.T.: 9.305 min
Delta R.T.: -0.024 min
Response: 49959486
Conc: 43.70 ng/ml



#42 AR-1268-2

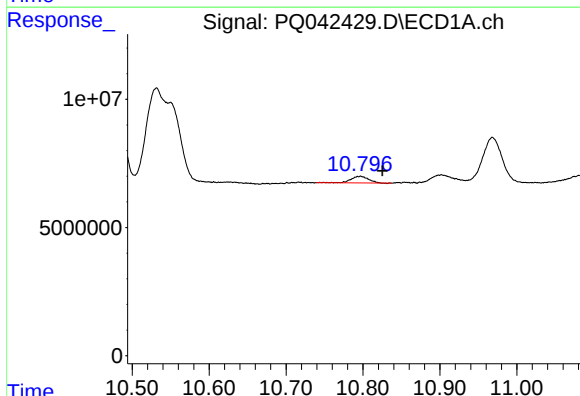
R.T.: 10.532 min
Delta R.T.: -0.050 min
Response: 102395702
Conc: 77.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



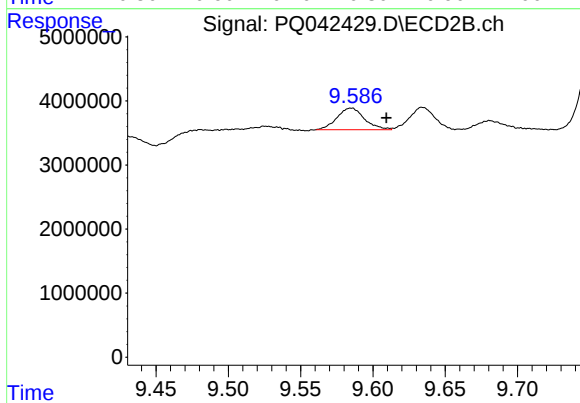
#42 AR-1268-2

R.T.: 9.372 min
Delta R.T.: -0.024 min
Response: 176436040
Conc: 171.87 ng/ml



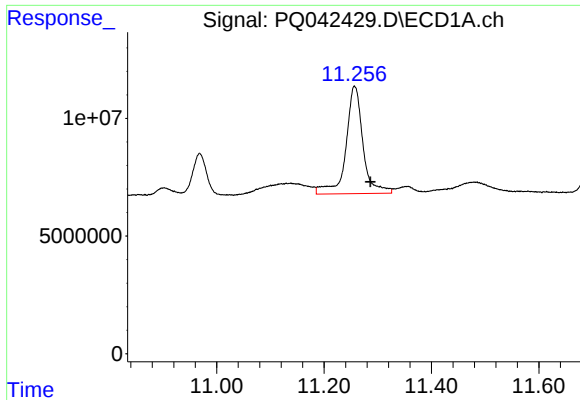
#43 AR-1268-3

R.T.: 10.797 min
Delta R.T.: -0.028 min
Response: 4082139
Conc: 3.49 ng/ml



#43 AR-1268-3

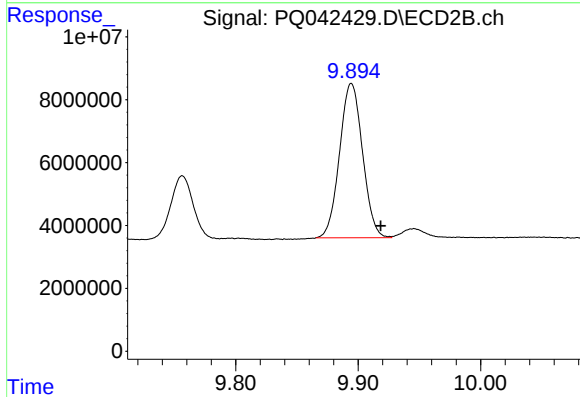
R.T.: 9.585 min
Delta R.T.: -0.024 min
Response: 4474812
Conc: 5.15 ng/ml



#44 AR-1268-4

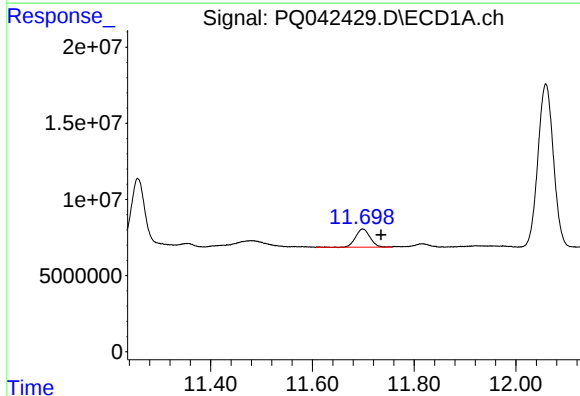
R.T.: 11.257 min
Delta R.T.: -0.030 min
Response: 101002674
Conc: 185.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



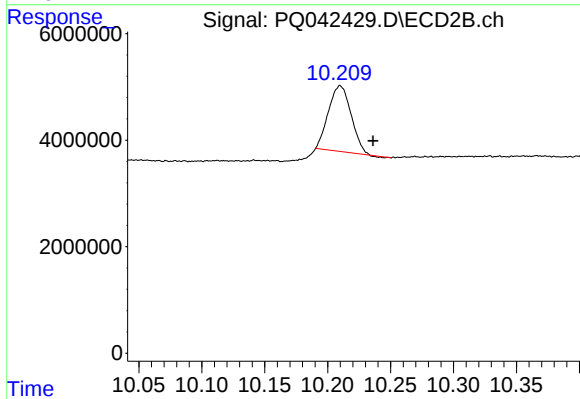
#44 AR-1268-4

R.T.: 9.894 min
Delta R.T.: -0.024 min
Response: 64020901
Conc: 166.43 ng/ml



#45 AR-1268-5

R.T.: 11.699 min
Delta R.T.: -0.036 min
Response: 23676958
Conc: 5.84 ng/ml



#45 AR-1268-5

R.T.: 10.210 min
Delta R.T.: -0.026 min
Response: 15353018
Conc: 5.91 ng/ml