

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021921\
 Data File : PQ052394.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2021 18:00
 Operator : DD\AJ
 Sample : M1415-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 05:01:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021221CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 12 07:36:14 2021
 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...	5.228	4.244	471.0E6	162.1E6	19.177	19.321
2)	SA Decachlor...	11.418	9.578	637.3E6	4084.7E6	31.096	529.598 #
Target Compounds							
3)	L1 AR-1016-1	0.000	5.492	0	8436348	N.D.	27.389 #
4)	L1 AR-1016-2	0.000	5.534	0	1163219	N.D.	2.713 #
5)	L1 AR-1016-3	6.664	5.709	40776925	1094551	57.133	4.997 #
6)	L1 AR-1016-4	0.000	5.709f	0	1094551	N.D.	6.536 #
7)	L1 AR-1016-5	7.103f	5.990	396390	2139924	0.705	10.020 #
8)	L2 AR-1221-1	5.486	4.529	40246212	692591	157.804	7.663 #
9)	L2 AR-1221-2	5.580	4.577	6546473	10768304	37.219	170.179 #
10)	L2 AR-1221-3	5.680	4.742f	6040055	2130274	10.258	9.879
11)	L3 AR-1232-1	5.680	4.742f	6040055	2130274	12.291	11.780
12)	L3 AR-1232-2	6.274	5.534	15328780	1163219	59.559	5.892 #
13)	L3 AR-1232-3	0.000	5.709	0	1094551	N.D.	11.127 #
15)	L3 AR-1232-5	0.000	5.990	0	2139924	N.D.	24.053 #
16)	L4 AR-1242-1	0.000	5.492	0	8436348	N.D.	32.025 #
17)	L4 AR-1242-2	0.000	5.534	0	1163219	N.D.	3.166 #
18)	L4 AR-1242-3	6.664	5.709	40776925	1094551	67.147	5.741 #
20)	L4 AR-1242-5	7.565	6.384	96868867	2620509	171.704	10.452 #
21)	L5 AR-1248-1	0.000	5.492	0	8436348	N.D.	41.025 #
22)	L5 AR-1248-2	0.000	5.709f	0	1094551	N.D.	4.050 #
23)	L5 AR-1248-3	7.103f	0.000	396390	0	0.449	N.D. #
24)	L5 AR-1248-4	7.487	5.990	4961568	2139924	4.772	6.431 #
25)	L5 AR-1248-5	7.565	6.384f	96868867	2620509	94.563	7.329 #
26)	L6 AR-1254-1	7.445	6.384	15813257	2620509	15.918	4.914 #
27)	L6 AR-1254-2	7.691	6.563	8199079	18516085	5.305	40.550 #
28)	L6 AR-1254-3	8.088	6.978	19283993	8534467	11.410	11.349
29)	L6 AR-1254-4	8.371	7.202	9516500	4006965	7.587	7.942
30)	L6 AR-1254-5	8.820	7.625	295.9E6	134.5E6	220.199	197.764
31)	L7 AR-1260-1	8.239	7.095	12168812	6036171	12.176	14.738
32)	L7 AR-1260-2	8.501	7.291	139.5E6	8208647	113.591	15.460 #
33)	L7 AR-1260-3	8.869	7.447	19190384	2426606	20.985	5.077 #
34)	L7 AR-1260-4	9.111	7.929	19596916	6440121	18.189	15.900
35)	L7 AR-1260-5	9.456	8.175	33397423	16561412	14.719	15.381
36)	L8 AR-1262-1	8.869	7.625	19190384	134.5E6	12.189	389.528 #
37)	L8 AR-1262-2	9.456	8.175	33397423	16561412	11.148	12.349
38)	L8 AR-1262-3	9.777	8.495	24469708	2253.3E6	12.292	4309.588 #
39)	L8 AR-1262-4	9.915	8.495	158.7E6	2253.3E6	104.304	2306.042 #
40)	L8 AR-1262-5	10.607	9.029	4267248	6279550	3.922	13.856 #
41)	L9 AR-1268-1	9.777	8.495	24469708	2253.3E6	6.961	1399.063 #
42)	L9 AR-1268-2	9.915	8.495	158.7E6	2253.3E6	48.331	1511.573 #
43)	L9 AR-1268-3	10.138	8.714	3887347	8054951	1.397	6.424 #

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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
44) L9	AR-1268-4	10.607	9.029	4267248	6279550	3.499	12.013 #
45) L9	AR-1268-5	11.059	9.307	19350734	672.5E6	1.981	167.324 #

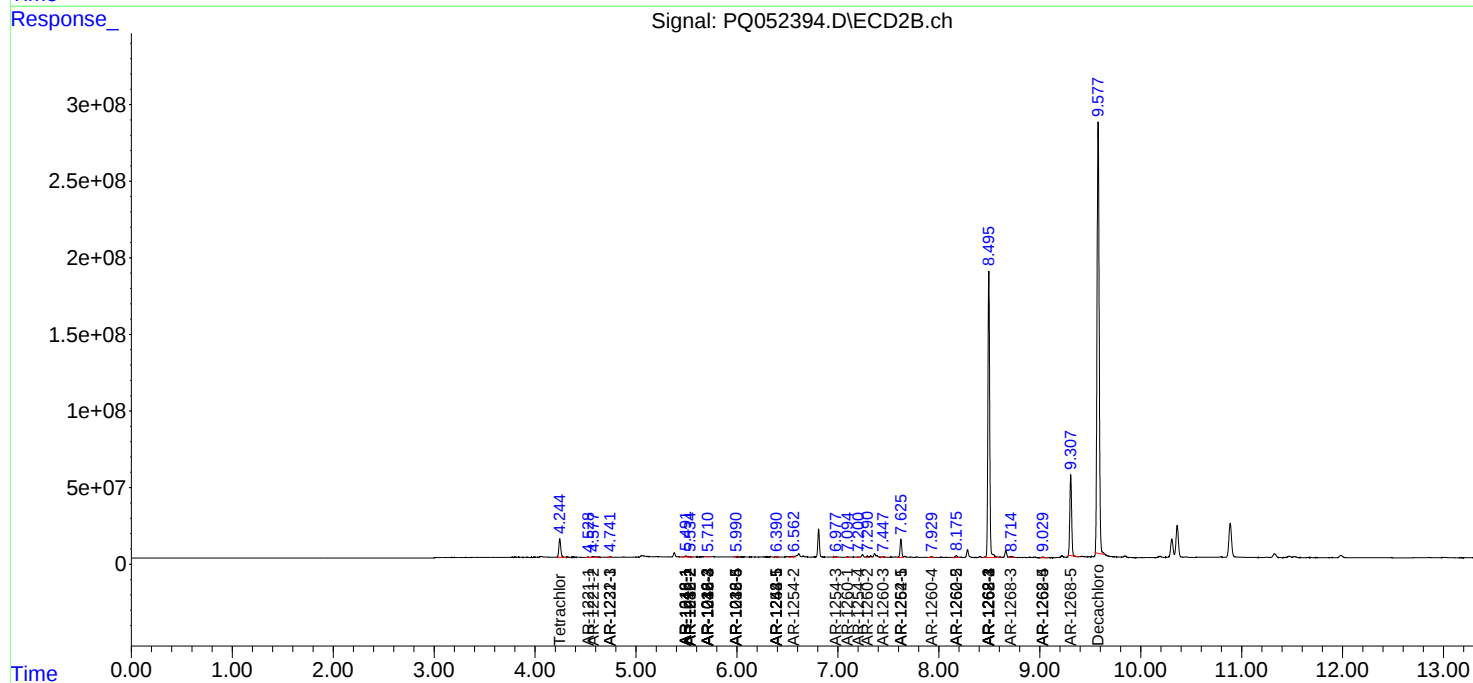
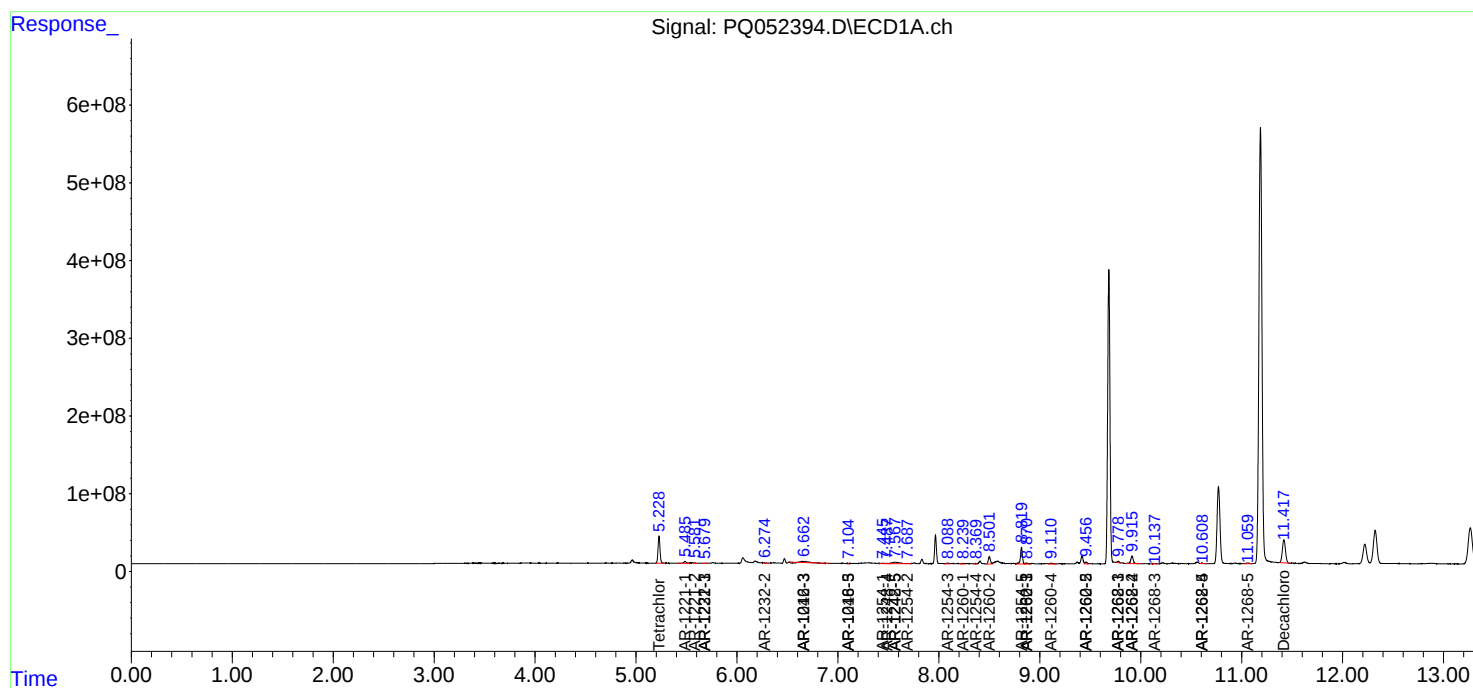
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

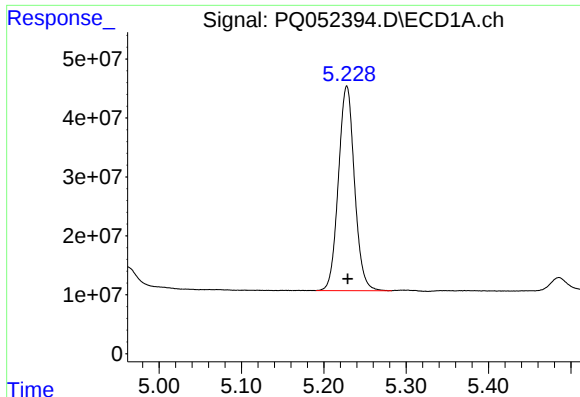
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QLast Update : Fri Feb 12 07:36:14 2021
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

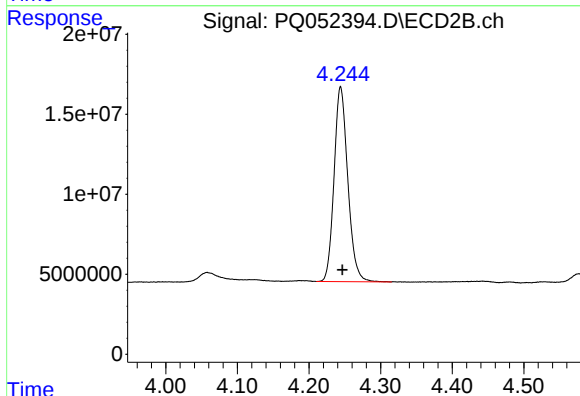




#1 Tetrachloro-m-xylene

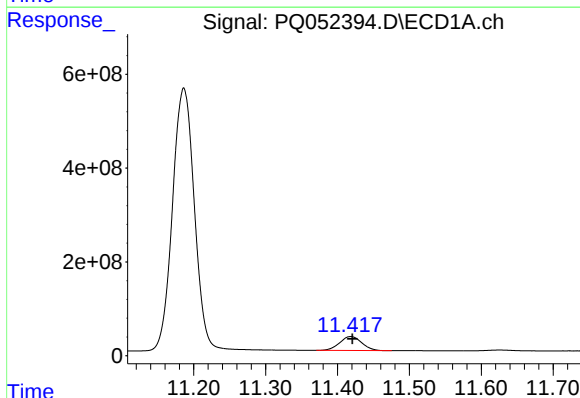
R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 470967282
Conc: 19.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



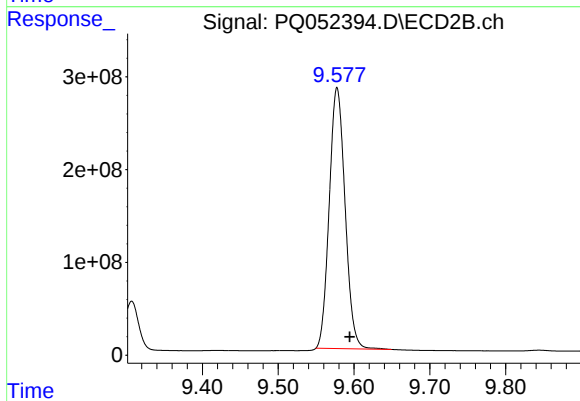
#1 Tetrachloro-m-xylene

R.T.: 4.244 min
Delta R.T.: -0.002 min
Response: 162070799
Conc: 19.32 ng/ml



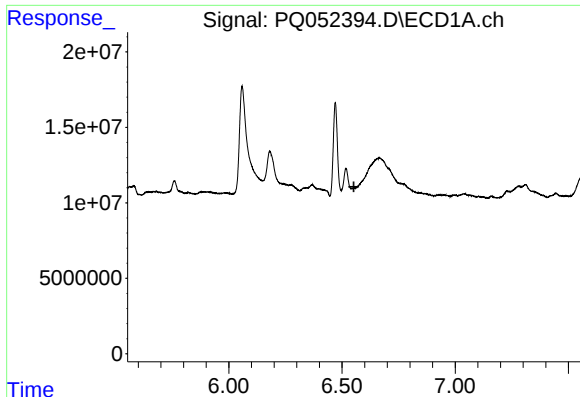
#2 Decachlorobiphenyl

R.T.: 11.418 min
Delta R.T.: -0.002 min
Response: 637316925
Conc: 31.10 ng/ml



#2 Decachlorobiphenyl

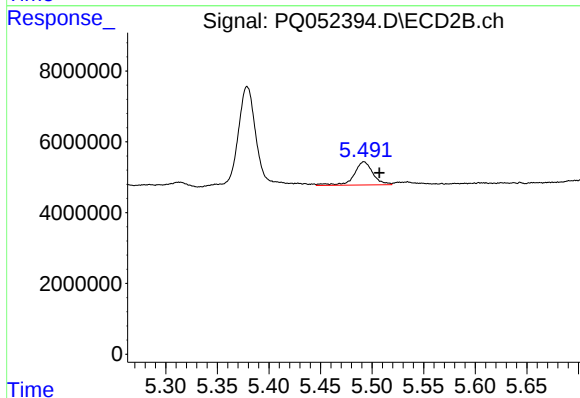
R.T.: 9.578 min
Delta R.T.: -0.017 min
Response: 4084706901
Conc: 529.60 ng/ml



#3 AR-1016-1

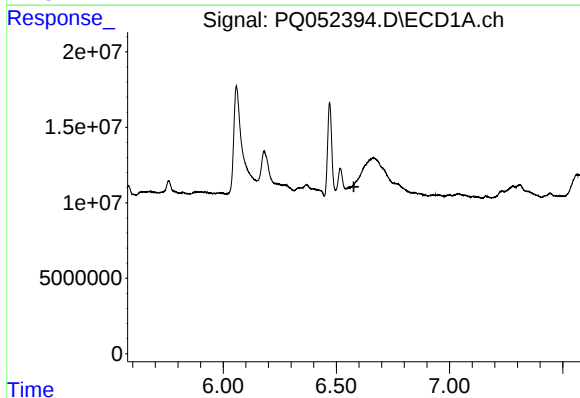
R.T.: 0.000 min
Exp R.T.: 6.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



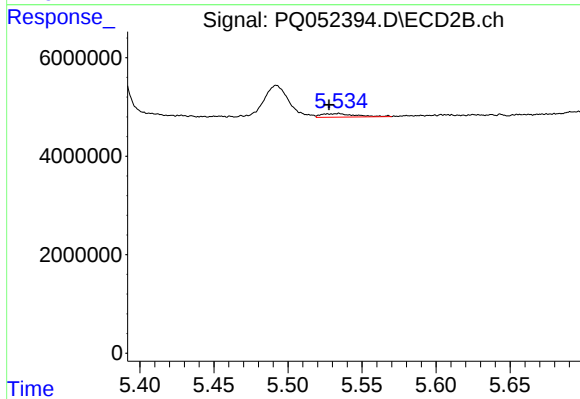
#3 AR-1016-1

R.T.: 5.492 min
Delta R.T.: -0.015 min
Response: 8436348
Conc: 27.39 ng/ml



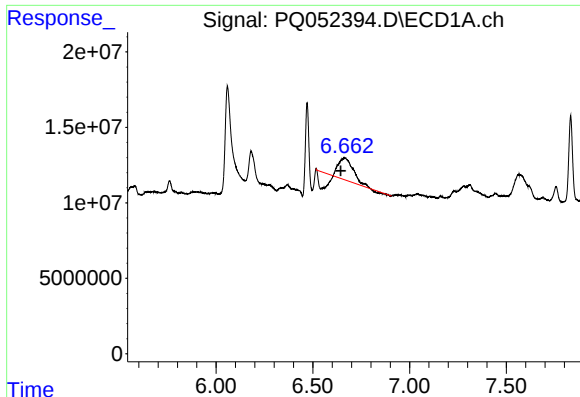
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.578 min
Response: 0
Conc: N.D.



#4 AR-1016-2

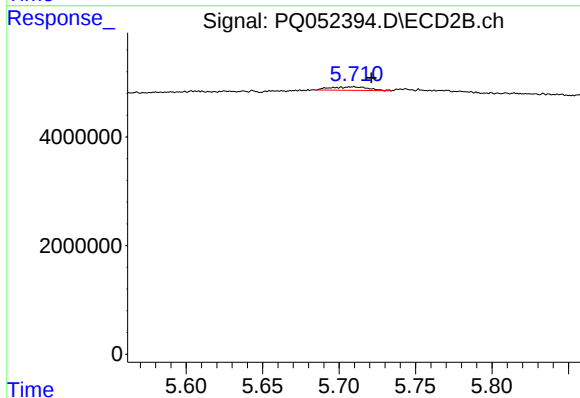
R.T.: 5.534 min
Delta R.T.: 0.007 min
Response: 1163219
Conc: 2.71 ng/ml



#5 AR-1016-3

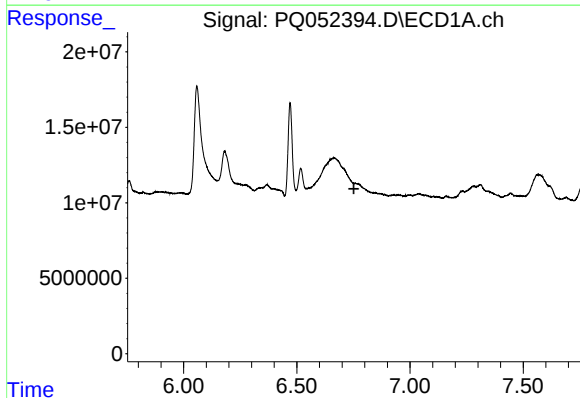
R.T.: 6.664 min
Delta R.T.: 0.020 min
Response: 40776925
Conc: 57.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



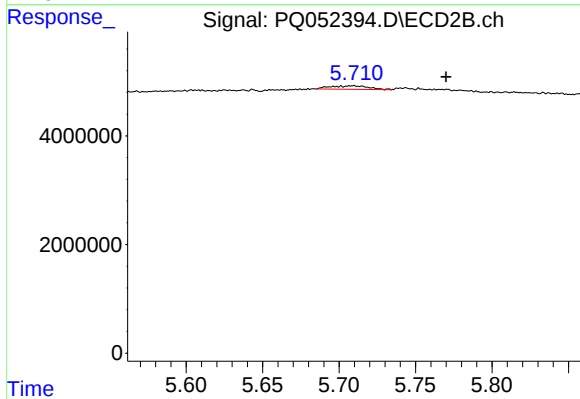
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: -0.012 min
Response: 1094551
Conc: 5.00 ng/ml



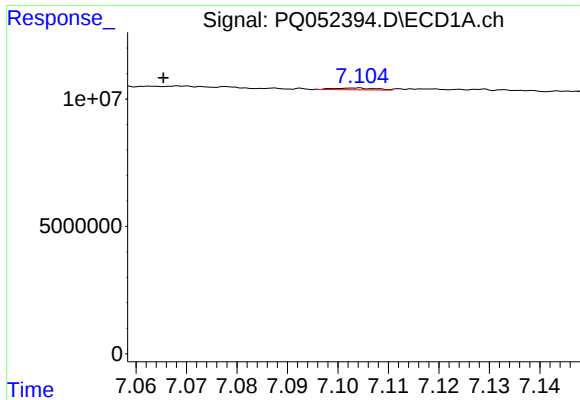
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.752 min
Response: 0
Conc: N.D.



#6 AR-1016-4

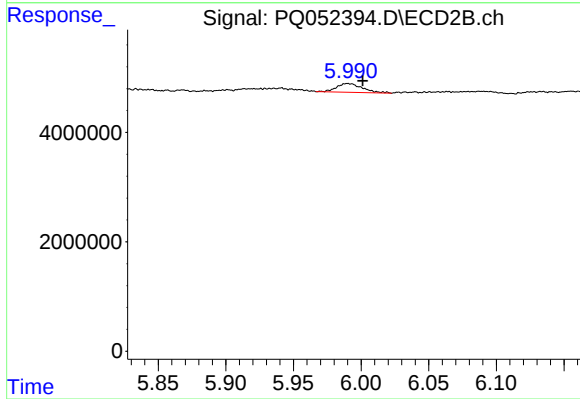
R.T.: 5.709 min
Delta R.T.: -0.061 min
Response: 1094551
Conc: 6.54 ng/ml



#7 AR-1016-5

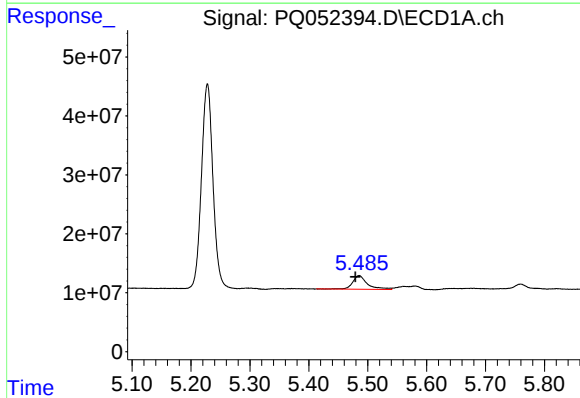
R.T.: 7.103 min
Delta R.T.: 0.038 min
Response: 396390
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



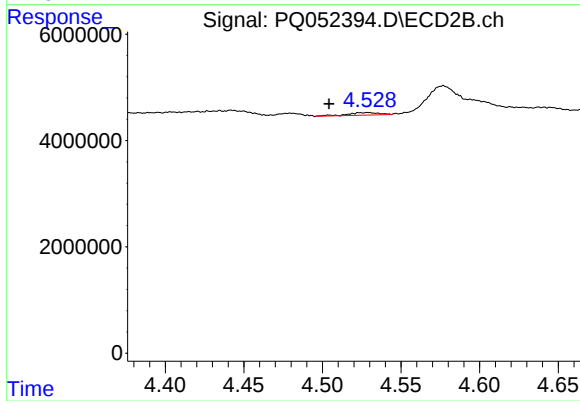
#7 AR-1016-5

R.T.: 5.990 min
Delta R.T.: -0.011 min
Response: 2139924
Conc: 10.02 ng/ml



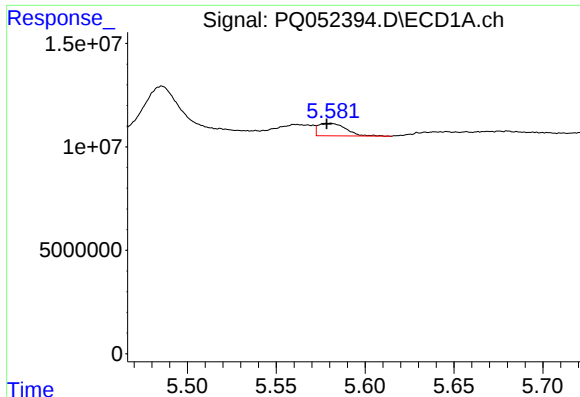
#8 AR-1221-1

R.T.: 5.486 min
Delta R.T.: 0.006 min
Response: 40246212
Conc: 157.80 ng/ml



#8 AR-1221-1

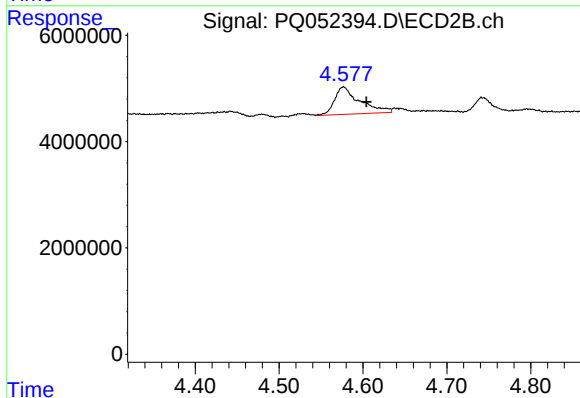
R.T.: 4.529 min
Delta R.T.: 0.025 min
Response: 692591
Conc: 7.66 ng/ml



#9 AR-1221-2

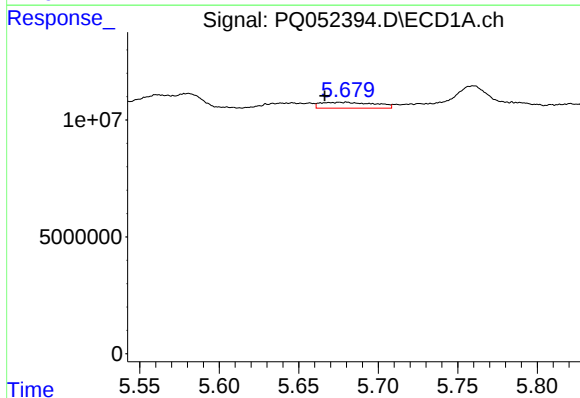
R.T.: 5.580 min
Delta R.T.: 0.002 min
Response: 6546473
Conc: 37.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



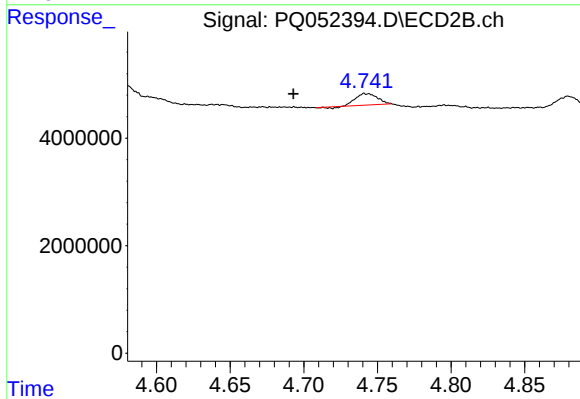
#9 AR-1221-2

R.T.: 4.577 min
Delta R.T.: -0.027 min
Response: 10768304
Conc: 170.18 ng/ml



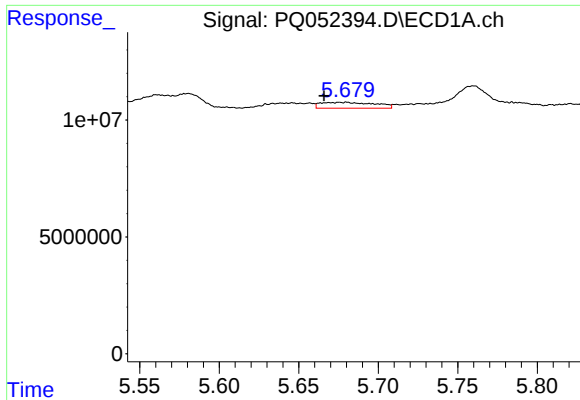
#10 AR-1221-3

R.T.: 5.680 min
Delta R.T.: 0.014 min
Response: 6040055
Conc: 10.26 ng/ml



#10 AR-1221-3

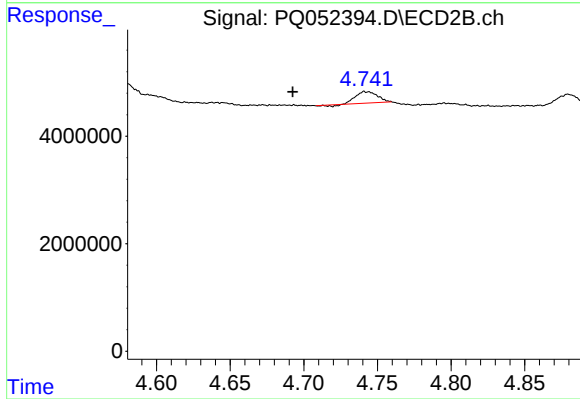
R.T.: 4.742 min
Delta R.T.: 0.049 min
Response: 2130274
Conc: 9.88 ng/ml



#11 AR-1232-1

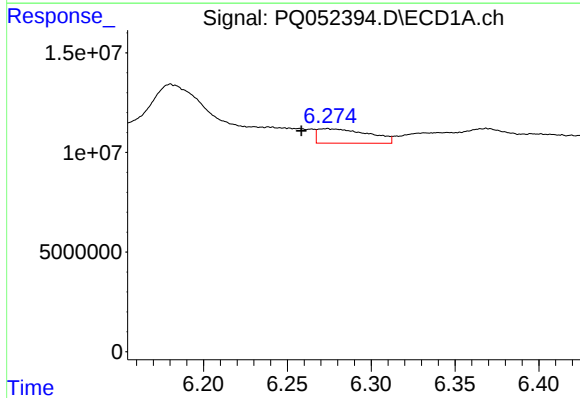
R.T.: 5.680 min
Delta R.T.: 0.014 min
Response: 6040055
Conc: 12.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



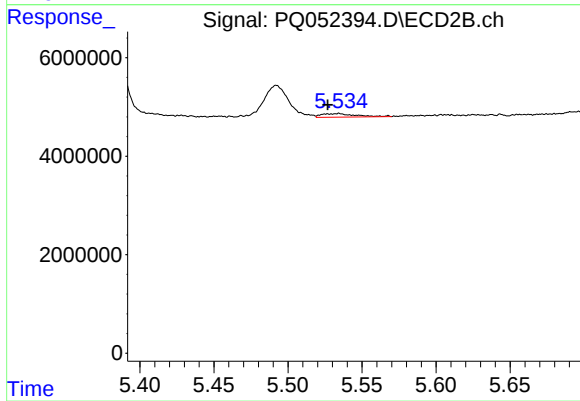
#11 AR-1232-1

R.T.: 4.742 min
Delta R.T.: 0.050 min
Response: 2130274
Conc: 11.78 ng/ml



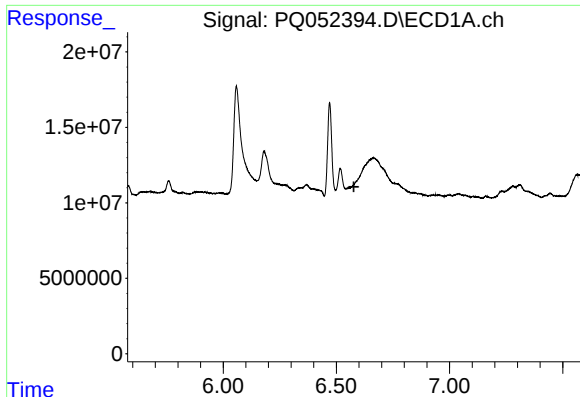
#12 AR-1232-2

R.T.: 6.274 min
Delta R.T.: 0.015 min
Response: 15328780
Conc: 59.56 ng/ml



#12 AR-1232-2

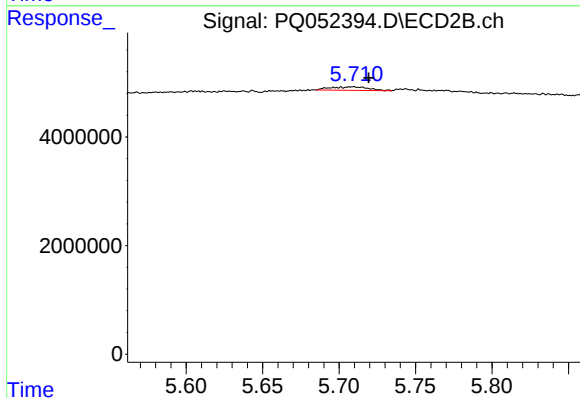
R.T.: 5.534 min
Delta R.T.: 0.008 min
Response: 1163219
Conc: 5.89 ng/ml



#13 AR-1232-3

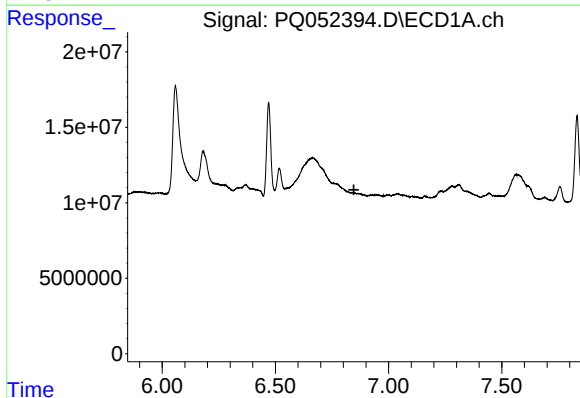
R.T.: 0.000 min
Exp R.T. : 6.577 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



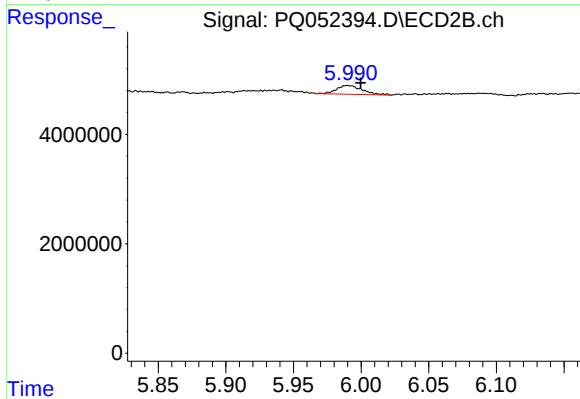
#13 AR-1232-3

R.T.: 5.709 min
Delta R.T.: -0.010 min
Response: 1094551
Conc: 11.13 ng/ml



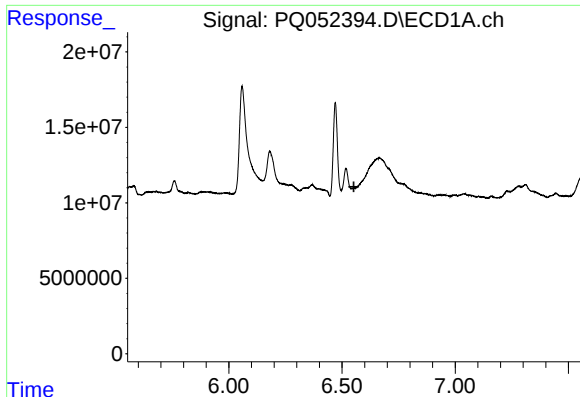
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.847 min
Response: 0
Conc: N.D.



#15 AR-1232-5

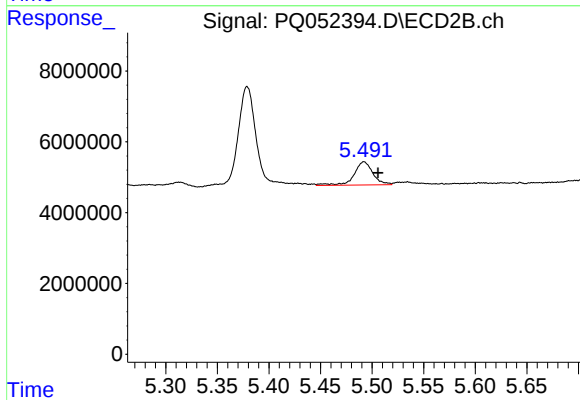
R.T.: 5.990 min
Delta R.T.: -0.010 min
Response: 2139924
Conc: 24.05 ng/ml



#16 AR-1242-1

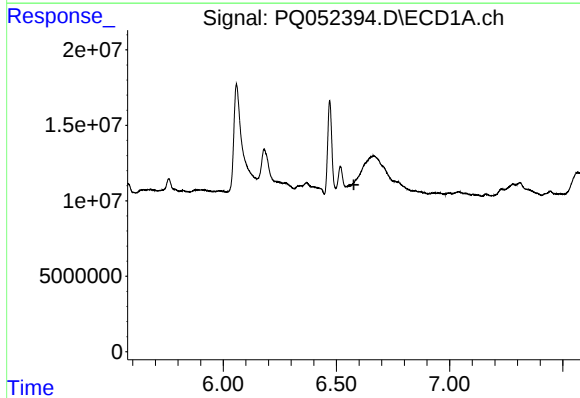
R.T.: 0.000 min
Exp R.T.: 6.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



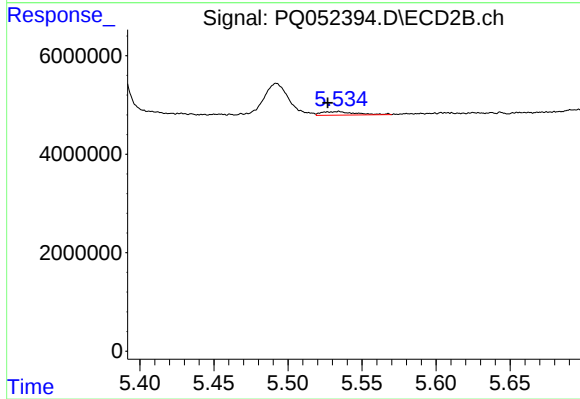
#16 AR-1242-1

R.T.: 5.492 min
Delta R.T.: -0.014 min
Response: 8436348
Conc: 32.03 ng/ml



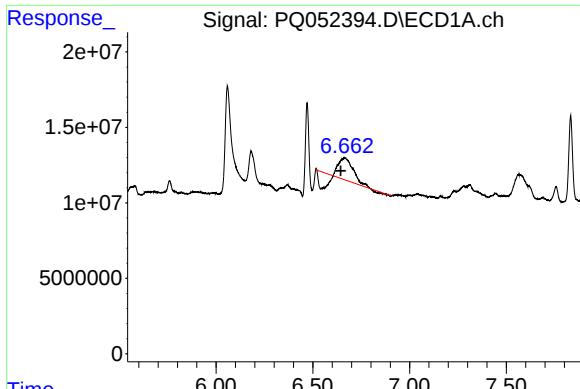
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.577 min
Response: 0
Conc: N.D.



#17 AR-1242-2

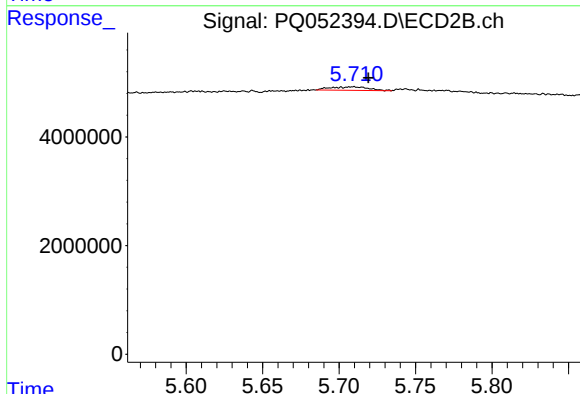
R.T.: 5.534 min
Delta R.T.: 0.008 min
Response: 1163219
Conc: 3.17 ng/ml



#18 AR-1242-3

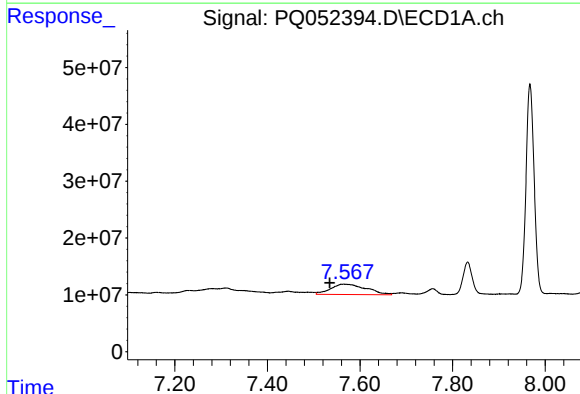
R.T.: 6.664 min
Delta R.T.: 0.020 min
Response: 40776925
Conc: 67.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



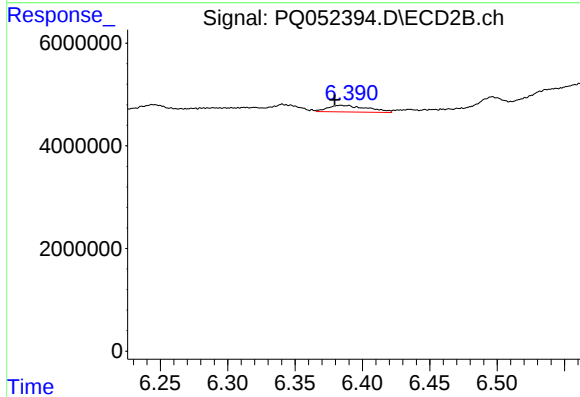
#18 AR-1242-3

R.T.: 5.709 min
Delta R.T.: -0.010 min
Response: 1094551
Conc: 5.74 ng/ml



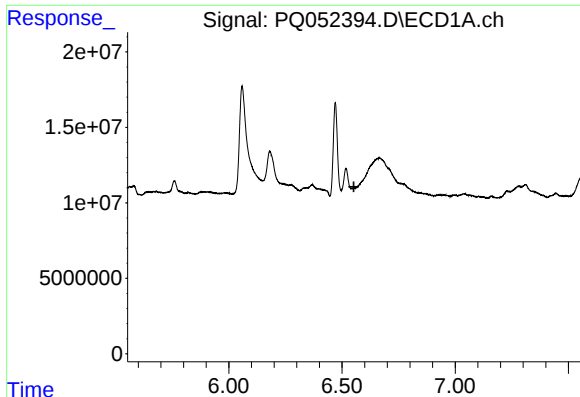
#20 AR-1242-5

R.T.: 7.565 min
Delta R.T.: 0.031 min
Response: 96868867
Conc: 171.70 ng/ml



#20 AR-1242-5

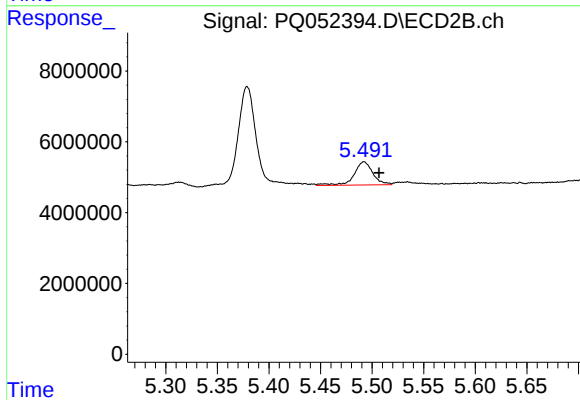
R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 2620509
Conc: 10.45 ng/ml



#21 AR-1248-1

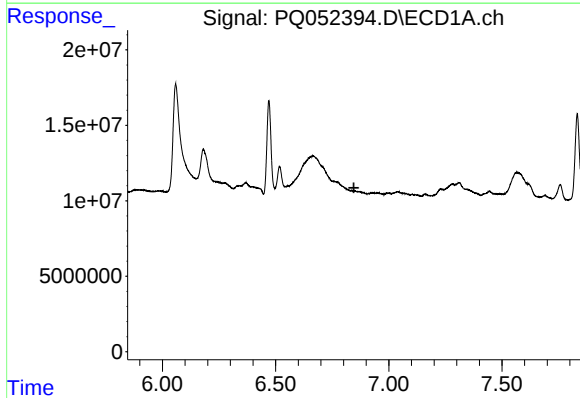
R.T.: 0.000 min
Exp R.T.: 6.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



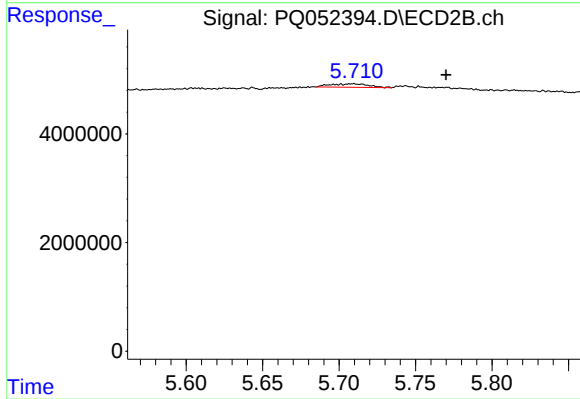
#21 AR-1248-1

R.T.: 5.492 min
Delta R.T.: -0.014 min
Response: 8436348
Conc: 41.03 ng/ml



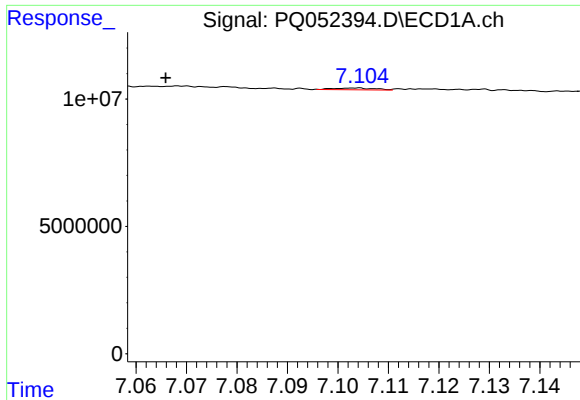
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.846 min
Response: 0
Conc: N.D.



#22 AR-1248-2

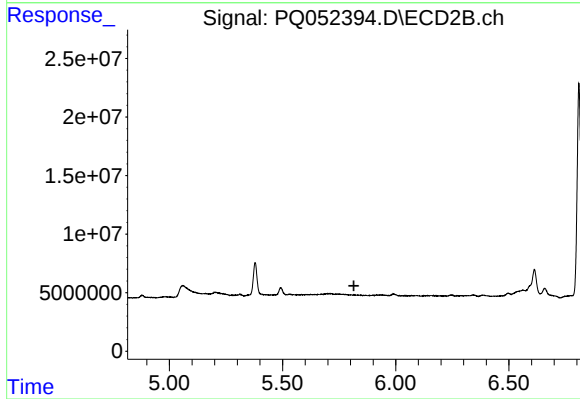
R.T.: 5.709 min
Delta R.T.: -0.061 min
Response: 1094551
Conc: 4.05 ng/ml



#23 AR-1248-3

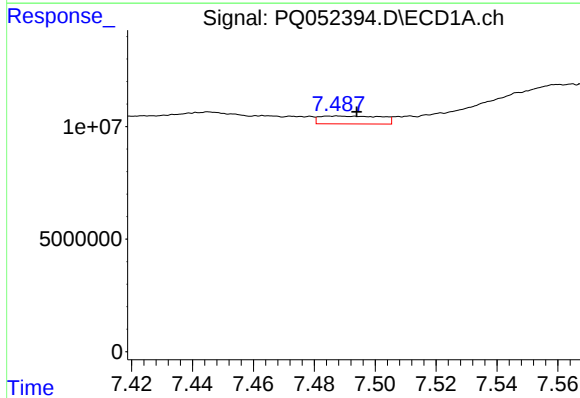
R.T.: 7.103 min
Delta R.T.: 0.037 min
Response: 396390
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



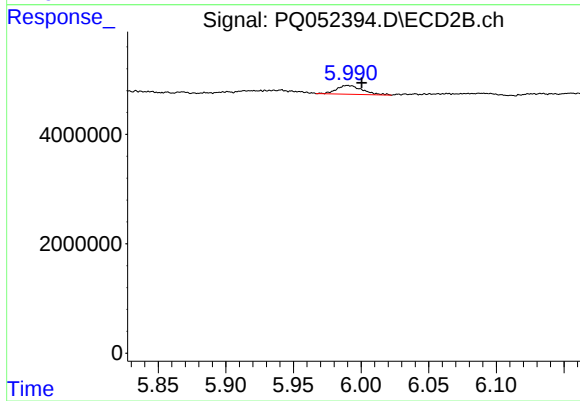
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.



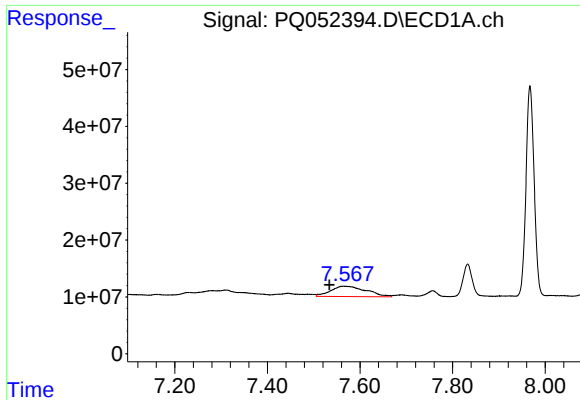
#24 AR-1248-4

R.T.: 7.487 min
Delta R.T.: -0.007 min
Response: 4961568
Conc: 4.77 ng/ml



#24 AR-1248-4

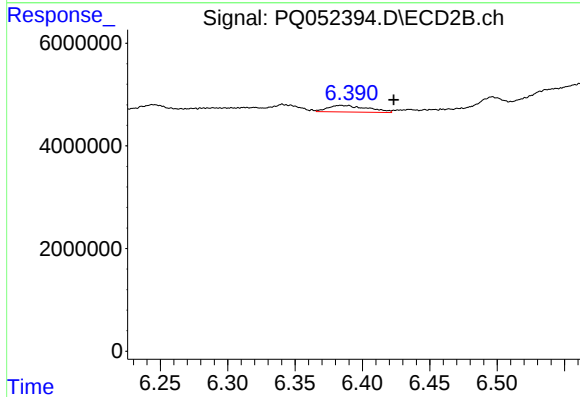
R.T.: 5.990 min
Delta R.T.: -0.010 min
Response: 2139924
Conc: 6.43 ng/ml



#25 AR-1248-5

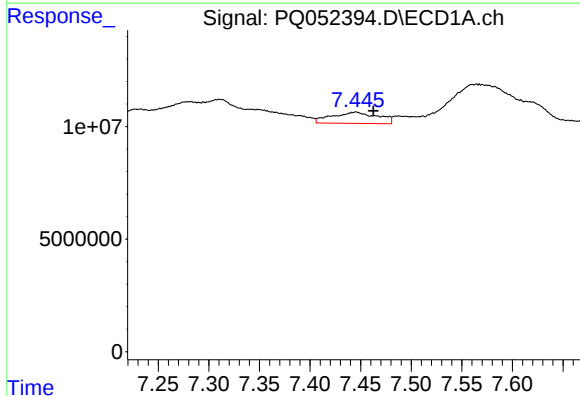
R.T.: 7.565 min
Delta R.T.: 0.031 min
Response: 96868867
Conc: 94.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



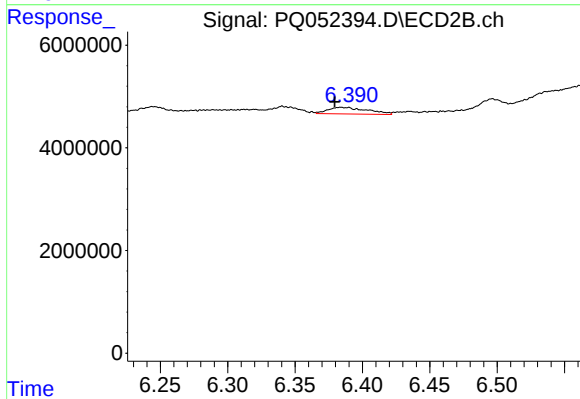
#25 AR-1248-5

R.T.: 6.384 min
Delta R.T.: -0.039 min
Response: 2620509
Conc: 7.33 ng/ml



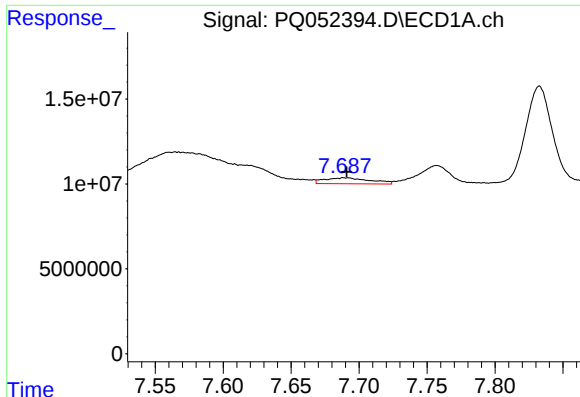
#26 AR-1254-1

R.T.: 7.445 min
Delta R.T.: -0.017 min
Response: 15813257
Conc: 15.92 ng/ml



#26 AR-1254-1

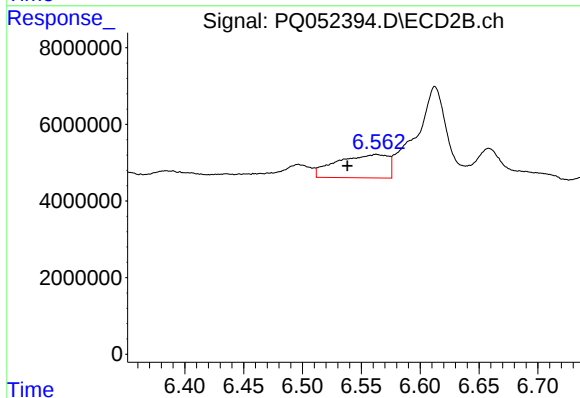
R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 2620509
Conc: 4.91 ng/ml



#27 AR-1254-2

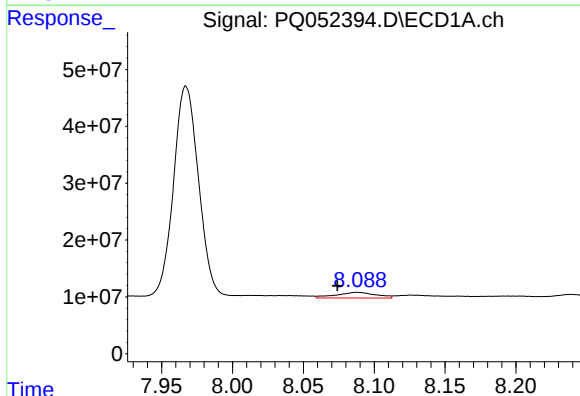
R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 8199079
Conc: 5.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



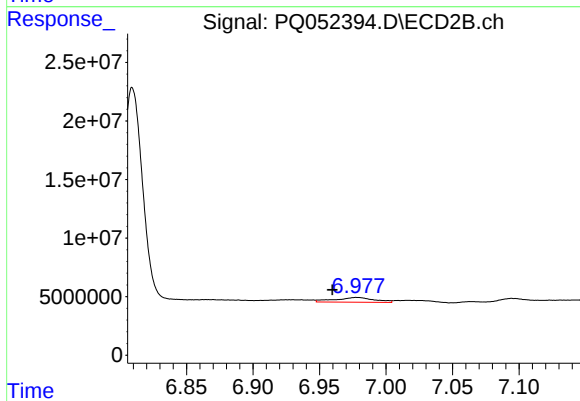
#27 AR-1254-2

R.T.: 6.563 min
Delta R.T.: 0.025 min
Response: 18516085
Conc: 40.55 ng/ml



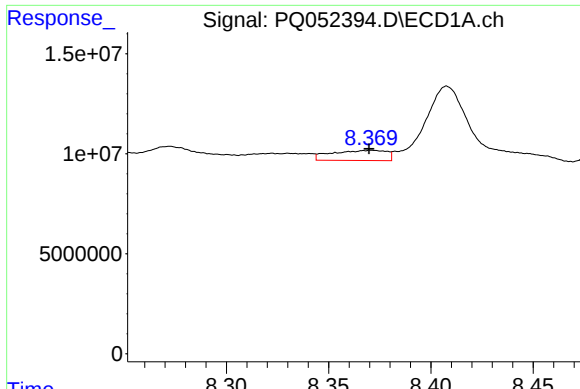
#28 AR-1254-3

R.T.: 8.088 min
Delta R.T.: 0.014 min
Response: 19283993
Conc: 11.41 ng/ml



#28 AR-1254-3

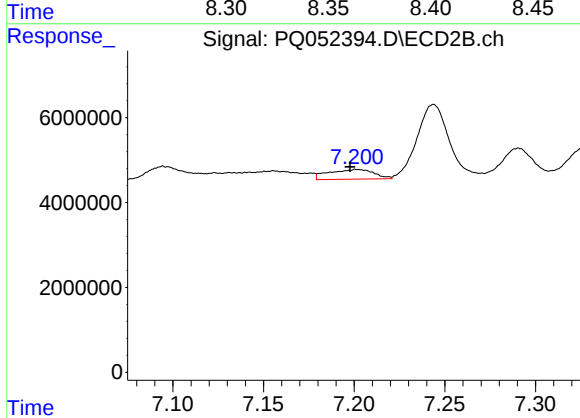
R.T.: 6.978 min
Delta R.T.: 0.018 min
Response: 8534467
Conc: 11.35 ng/ml



#29 AR-1254-4

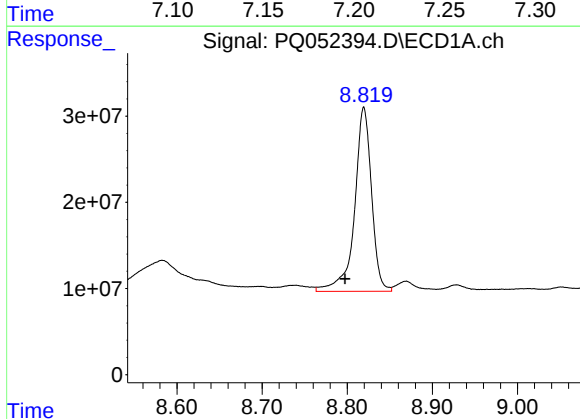
R.T.: 8.371 min
Delta R.T.: 0.002 min
Response: 9516500
Conc: 7.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



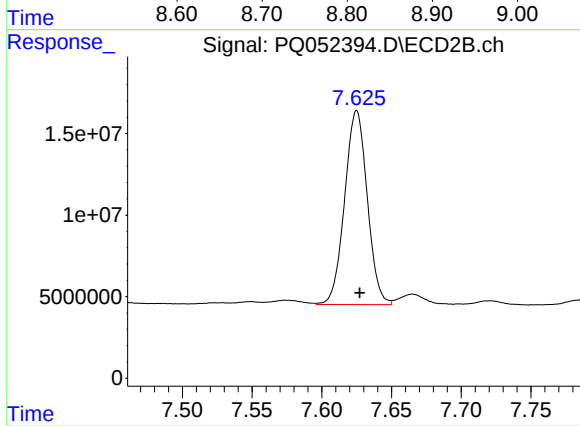
#29 AR-1254-4

R.T.: 7.202 min
Delta R.T.: 0.004 min
Response: 4006965
Conc: 7.94 ng/ml



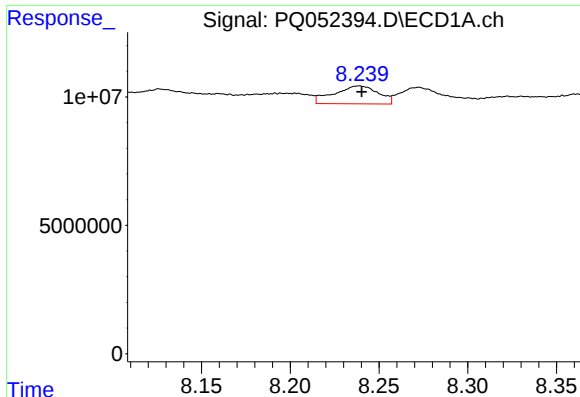
#30 AR-1254-5

R.T.: 8.820 min
Delta R.T.: 0.022 min
Response: 295905526
Conc: 220.20 ng/ml



#30 AR-1254-5

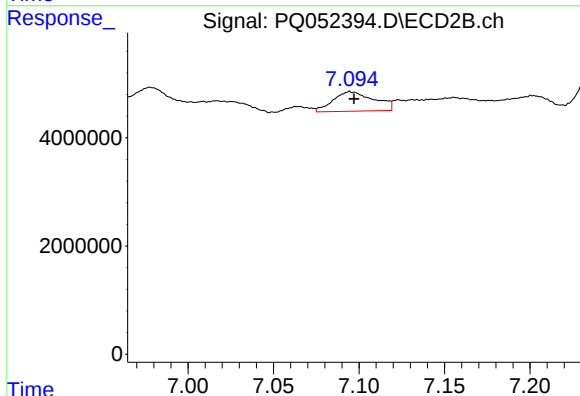
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 134509361
Conc: 197.76 ng/ml



#31 AR-1260-1

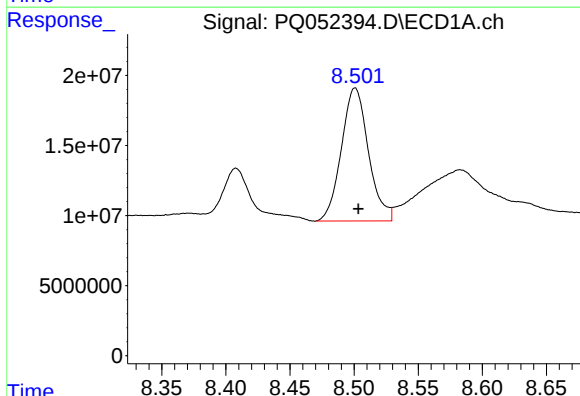
R.T.: 8.239 min
Delta R.T.: -0.001 min
Response: 12168812
Conc: 12.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



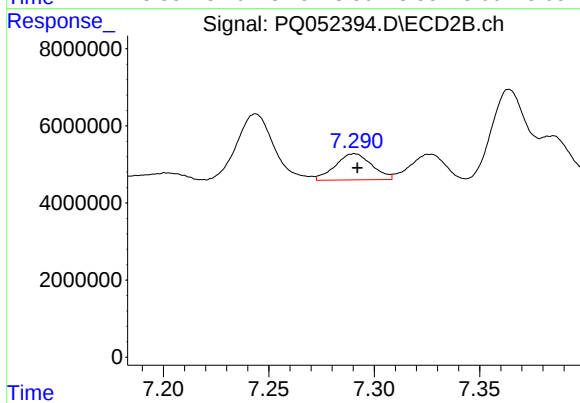
#31 AR-1260-1

R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 6036171
Conc: 14.74 ng/ml



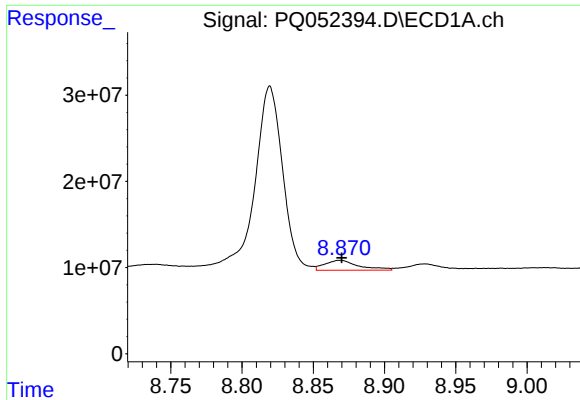
#32 AR-1260-2

R.T.: 8.501 min
Delta R.T.: -0.002 min
Response: 139520399
Conc: 113.59 ng/ml



#32 AR-1260-2

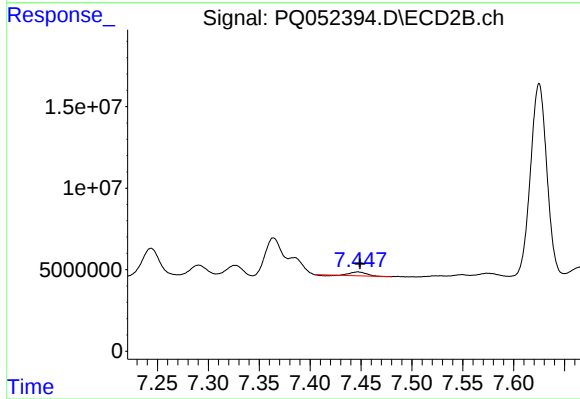
R.T.: 7.291 min
Delta R.T.: -0.001 min
Response: 8208647
Conc: 15.46 ng/ml



#33 AR-1260-3

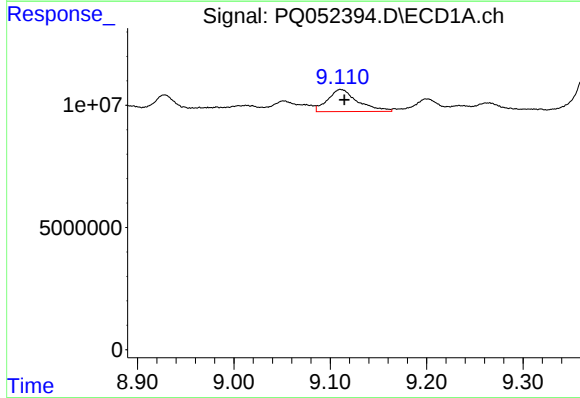
R.T.: 8.869 min
Delta R.T.: -0.001 min
Response: 19190384
Conc: 20.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



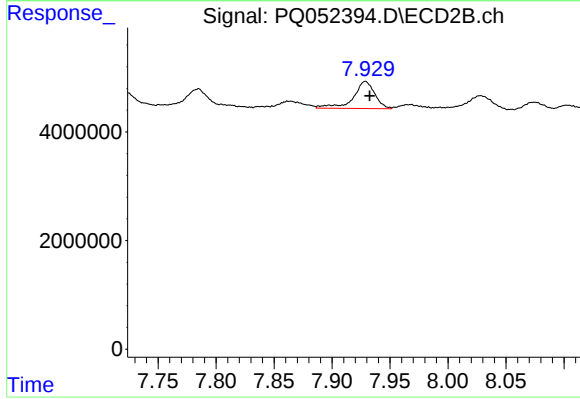
#33 AR-1260-3

R.T.: 7.447 min
Delta R.T.: -0.002 min
Response: 2426606
Conc: 5.08 ng/ml



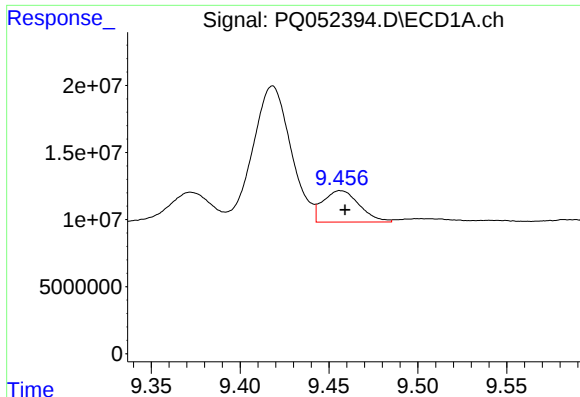
#34 AR-1260-4

R.T.: 9.111 min
Delta R.T.: -0.004 min
Response: 19596916
Conc: 18.19 ng/ml



#34 AR-1260-4

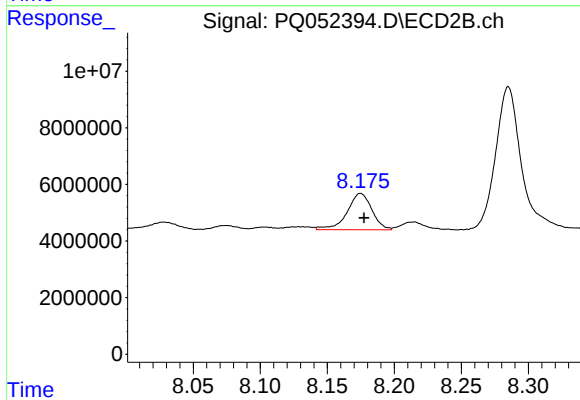
R.T.: 7.929 min
Delta R.T.: -0.004 min
Response: 6440121
Conc: 15.90 ng/ml



#35 AR-1260-5

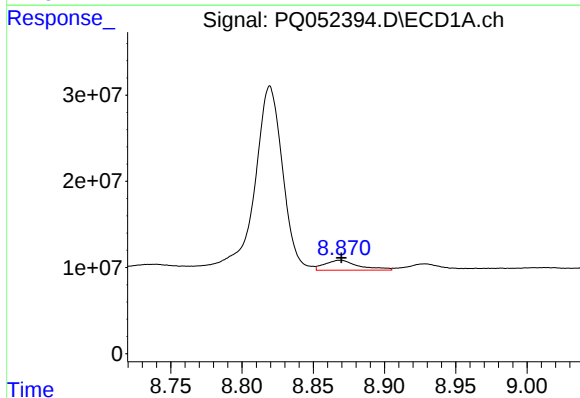
R.T.: 9.456 min
Delta R.T.: -0.002 min
Response: 33397423
Conc: 14.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



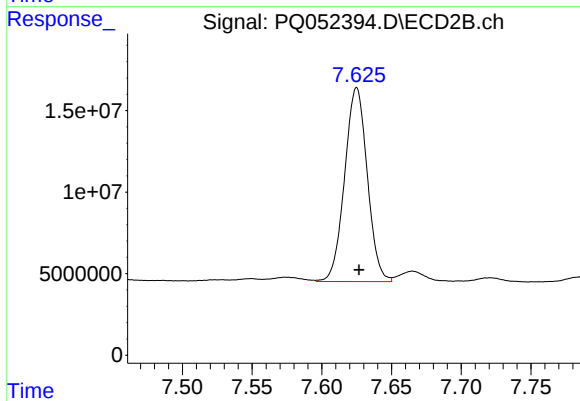
#35 AR-1260-5

R.T.: 8.175 min
Delta R.T.: -0.003 min
Response: 16561412
Conc: 15.38 ng/ml



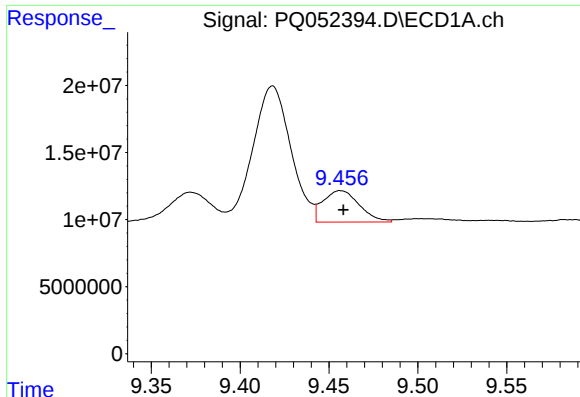
#36 AR-1262-1

R.T.: 8.869 min
Delta R.T.: 0.000 min
Response: 19190384
Conc: 12.19 ng/ml



#36 AR-1262-1

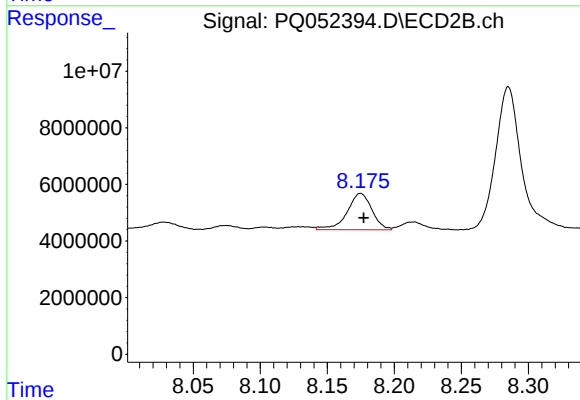
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 134509361
Conc: 389.53 ng/ml



#37 AR-1262-2

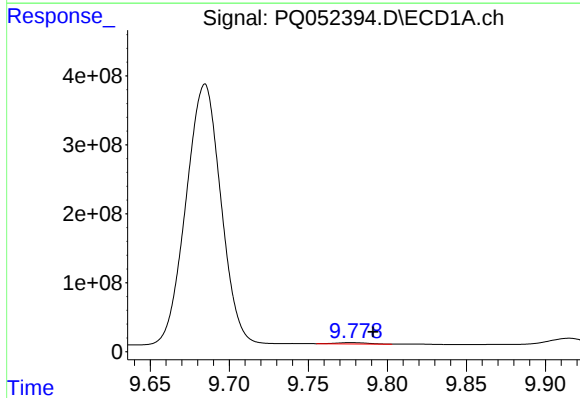
R.T.: 9.456 min
Delta R.T.: -0.002 min
Response: 33397423
Conc: 11.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



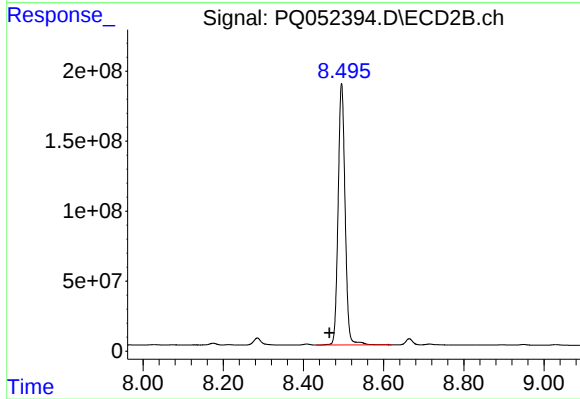
#37 AR-1262-2

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 16561412
Conc: 12.35 ng/ml



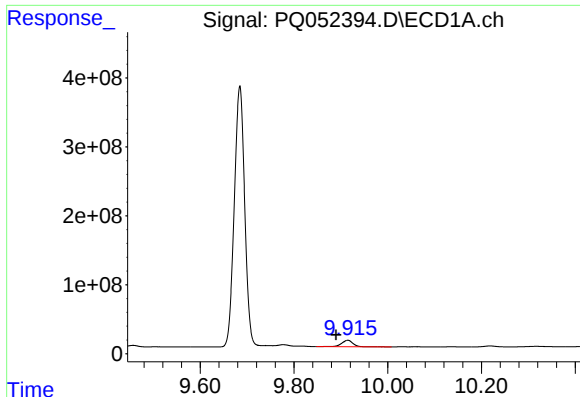
#38 AR-1262-3

R.T.: 9.777 min
Delta R.T.: -0.014 min
Response: 24469708
Conc: 12.29 ng/ml



#38 AR-1262-3

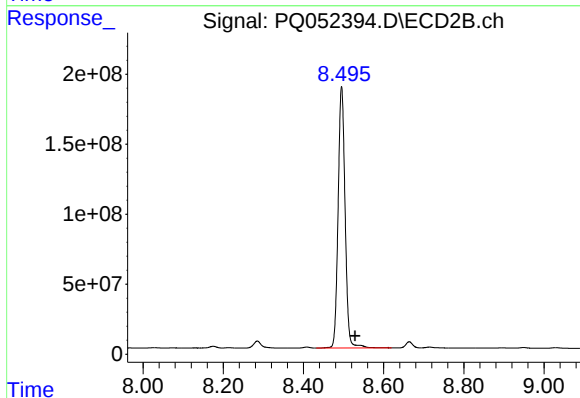
R.T.: 8.495 min
Delta R.T.: 0.030 min
Response: 2253339346
Conc: 4309.59 ng/ml



#39 AR-1262-4

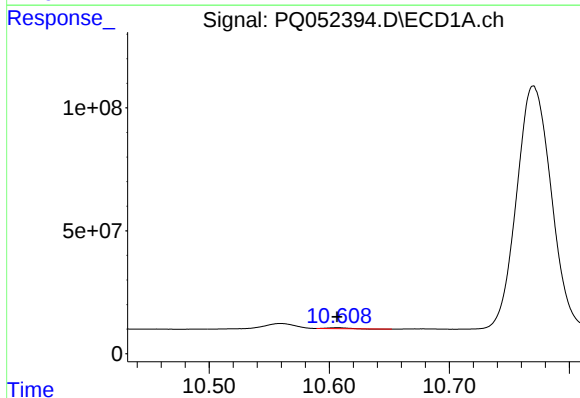
R.T.: 9.915 min
Delta R.T.: 0.025 min
Response: 158720356
Conc: 104.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



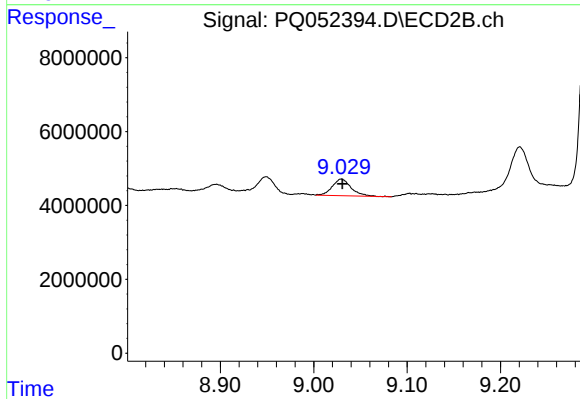
#39 AR-1262-4

R.T.: 8.495 min
Delta R.T.: -0.034 min
Response: 2253339346
Conc: 2306.04 ng/ml



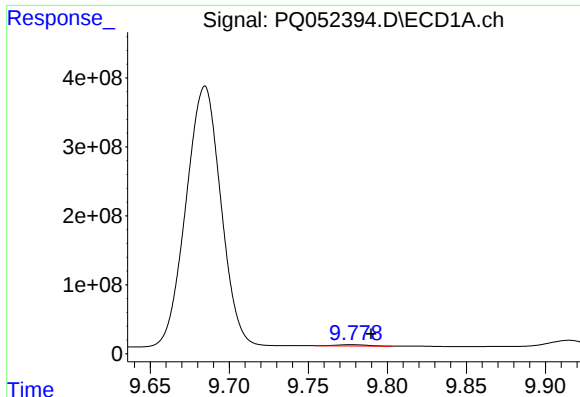
#40 AR-1262-5

R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 4267248
Conc: 3.92 ng/ml



#40 AR-1262-5

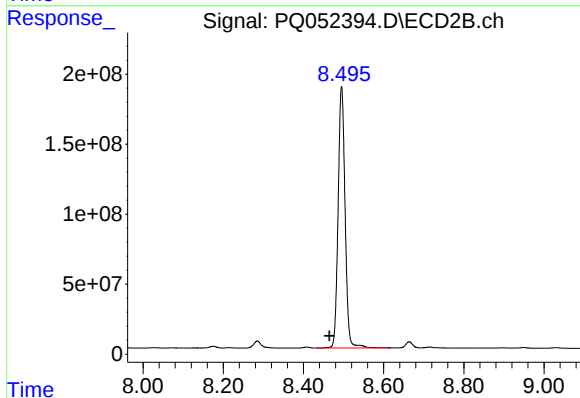
R.T.: 9.029 min
Delta R.T.: -0.001 min
Response: 6279550
Conc: 13.86 ng/ml



#41 AR-1268-1

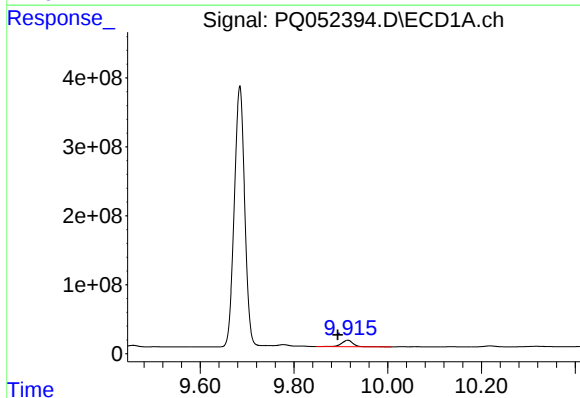
R.T.: 9.777 min
Delta R.T.: -0.013 min
Response: 24469708
Conc: 6.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



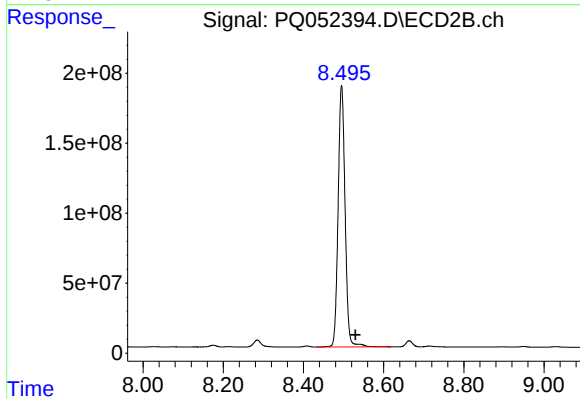
#41 AR-1268-1

R.T.: 8.495 min
Delta R.T.: 0.030 min
Response: 2253339346
Conc: 1399.06 ng/ml



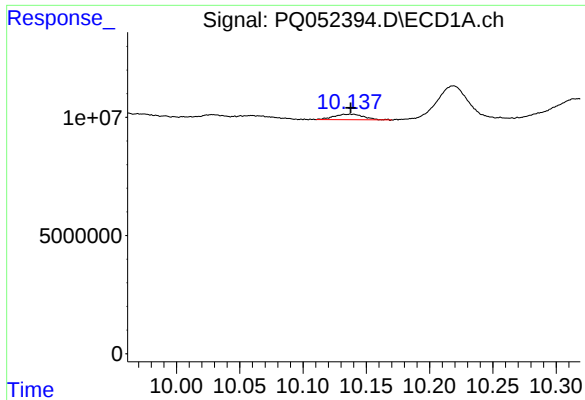
#42 AR-1268-2

R.T.: 9.915 min
Delta R.T.: 0.021 min
Response: 158720356
Conc: 48.33 ng/ml



#42 AR-1268-2

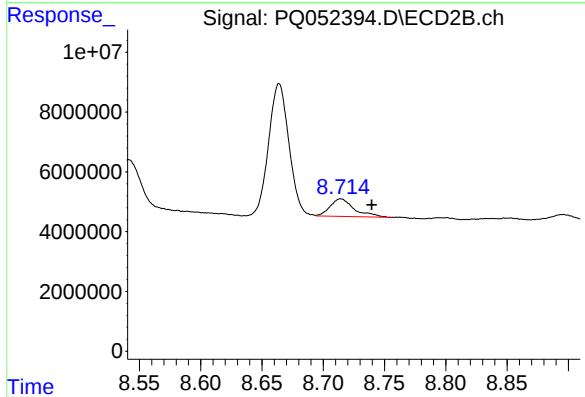
R.T.: 8.495 min
Delta R.T.: -0.035 min
Response: 2253339346
Conc: 1511.57 ng/ml



#43 AR-1268-3

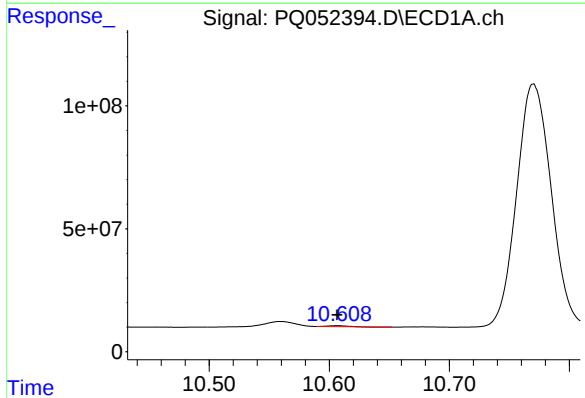
R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 3887347
Conc: 1.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



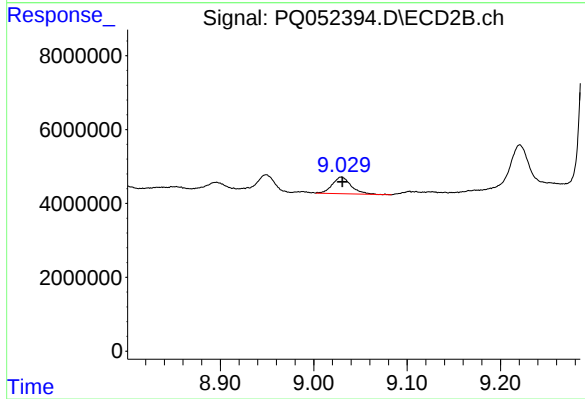
#43 AR-1268-3

R.T.: 8.714 min
Delta R.T.: -0.025 min
Response: 8054951
Conc: 6.42 ng/ml



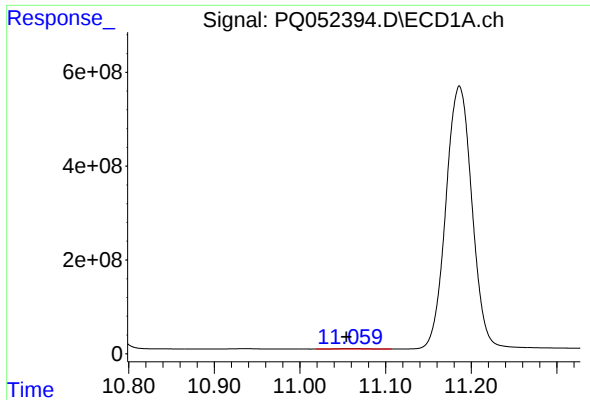
#44 AR-1268-4

R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 4267248
Conc: 3.50 ng/ml



#44 AR-1268-4

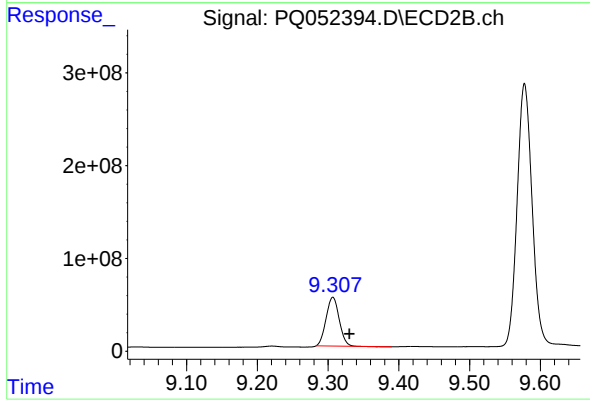
R.T.: 9.029 min
Delta R.T.: -0.001 min
Response: 6279550
Conc: 12.01 ng/ml



#45 AR-1268-5

R.T.: 11.059 min
Delta R.T.: 0.005 min
Response: 19350734
Conc: 1.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.307 min
Delta R.T.: -0.024 min
Response: 672542738
Conc: 167.32 ng/ml