

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042624\
 Data File : PQ066300.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2024 18:36
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 21:37:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042224CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 23 04:31:28 2024
 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...	3.441	2.734	84734901	134.9E6	18.629	20.553
2)	SA Decachlor...	8.650	7.498	53416022	138.8E6	40.968	42.977
Target Compounds							
3)	L1 AR-1016-1	4.552	3.732	1438279	3241520	10.137	13.538 #
4)	L1 AR-1016-2	4.572	3.746	3317958	2213686	15.189	6.341 #
5)	L1 AR-1016-3	4.630	3.907	1513491	1467674	10.768	7.799 #
6)	L1 AR-1016-4	4.720	3.956	1040472	62558121	9.034	395.428 #
7)	L1 AR-1016-5	5.010	4.150	21127141	40710040	195.574	207.431
8)	L2 AR-1221-1	0.000	2.902	0	1992215	N.D.	25.336 #
9)	L2 AR-1221-2	3.722	3.002	1328452	2695712	38.632	47.776
10)	L2 AR-1221-3	0.000	3.078	0	1992788	N.D.	10.853 #
11)	L3 AR-1232-1	0.000	3.078	0	1992788	N.D.	12.869 #
12)	L3 AR-1232-2	4.291	3.746	660210	2213686	12.559	13.850
13)	L3 AR-1232-3	4.572	3.907	3317958	1467674	33.945	17.525 #
14)	L3 AR-1232-4	4.720	3.992	1040472	18790062	20.445	260.264 #
15)	L3 AR-1232-5	4.818	4.150	35908871	40710040	1028.517	493.251 #
16)	L4 AR-1242-1	4.552	3.732	1438279	3241520	12.752	16.798 #
17)	L4 AR-1242-2	4.572	3.746	3317958	2213686	19.205	7.978 #
18)	L4 AR-1242-3	4.630	3.907	1513491	1467674	13.283	9.738 #
19)	L4 AR-1242-4	4.720	3.992	1040472	18790062	11.130	131.751 #
20)	L4 AR-1242-5	5.443	4.486	17315400	155.3E6	193.132	820.880 #
21)	L5 AR-1248-1	4.552	3.732	1438279	3241520	17.021	22.419 #
22)	L5 AR-1248-2	4.818	3.956	35908871	62558121	299.448	285.089
23)	L5 AR-1248-3	5.010	3.992	21127141	18790062	149.636	89.012 #
24)	L5 AR-1248-4	5.405	4.150	28056094	40710040	188.811	156.615
25)	L5 AR-1248-5	5.443	4.524	17315400	20991681	114.905	81.292 #
26)	L6 AR-1254-1	5.377	4.486	60891950	155.3E6	394.818	396.461
27)	L6 AR-1254-2	5.595	4.634	92241625	135.4E6	391.172	394.462
28)	L6 AR-1254-3	5.950	5.014	94323612	209.7E6	393.412	386.957
29)	L6 AR-1254-4	6.235	5.241	66904110	137.8E6	390.413	394.215
30)	L6 AR-1254-5	6.650	5.645	72102266	191.6E6	390.458	385.497
31)	L7 AR-1260-1	6.116	5.144	36929544	103.3E6	195.230	263.044 #
32)	L7 AR-1260-2	6.377	5.333	38364759	88939665	173.007	185.406
33)	L7 AR-1260-3	6.728	5.469	2794026	88896238	17.249	198.674 #
34)	L7 AR-1260-4	6.928	5.936	28907116	8995524	156.854	24.482 #
35)	L7 AR-1260-5	7.260	6.182	9093918	22407243	26.667	26.599
36)	L8 AR-1262-1	6.728	5.708	2794026	15915692	12.305	30.048 #
37)	L8 AR-1262-2	7.260	6.182	9093918	22407243	24.458	23.858
38)	L8 AR-1262-3	7.542	6.514f	7417043	22175398	30.411	57.683 #
39)	L8 AR-1262-4	7.583	6.514	1677353	22175398	8.971	31.307 #
40)	L8 AR-1262-5	8.118	0.000	488588	0	3.901	N.D. #
41)	L9 AR-1268-1	7.542	6.514f	7417043	22175398	17.531	20.290

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Quant Time: Apr 26 21:37:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042224CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Apr 23 04:31:28 2024
Response via : Initial Calibration
Integrator: ChemStation

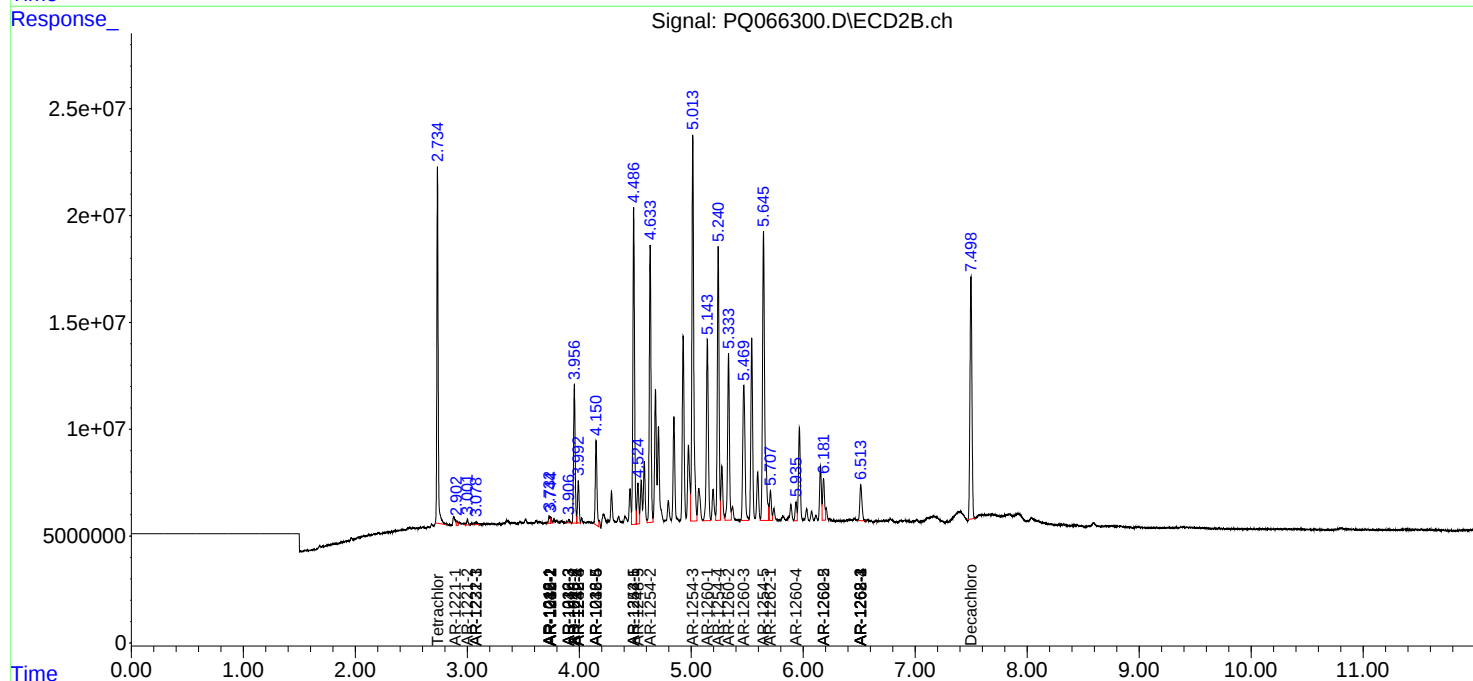
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

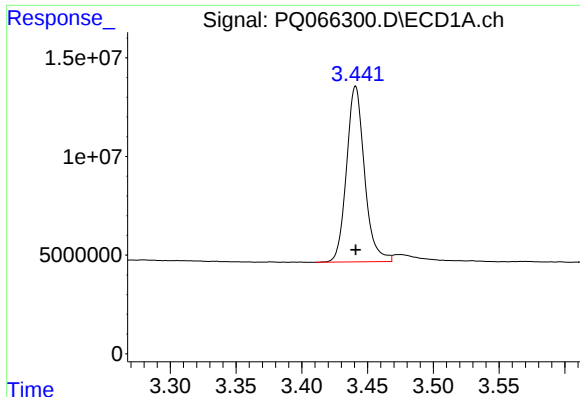
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.583	6.514	1677353	22175398	4.305	22.245 #
44)	L9 AR-1268-4	8.118	0.000	488588	0	3.532	N.D. #

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

Instrument :
ECD_Q
ClientSampleId :

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

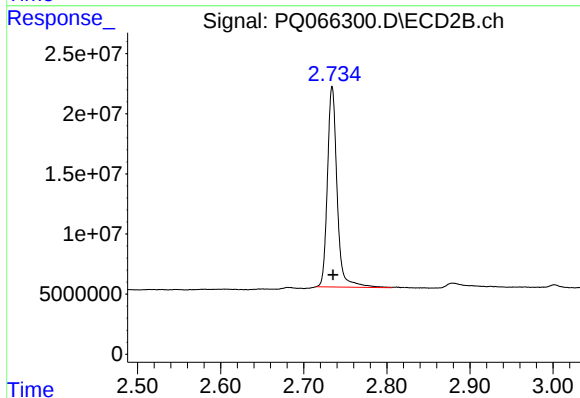




#1 Tetrachloro-m-xylene

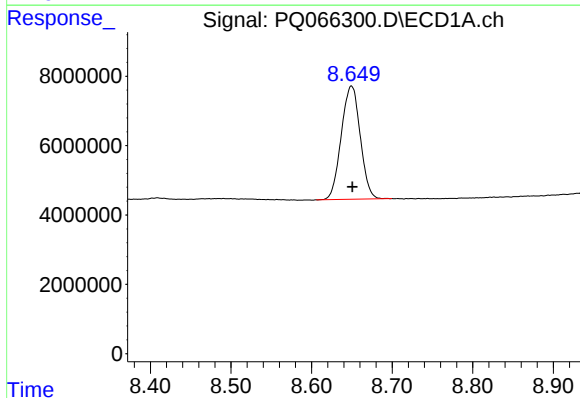
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 84734901
Conc: 18.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



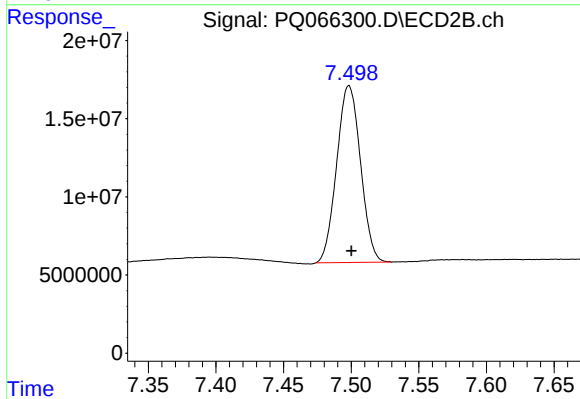
#1 Tetrachloro-m-xylene

R.T.: 2.734 min
Delta R.T.: 0.000 min
Response: 134930272
Conc: 20.55 ng/ml



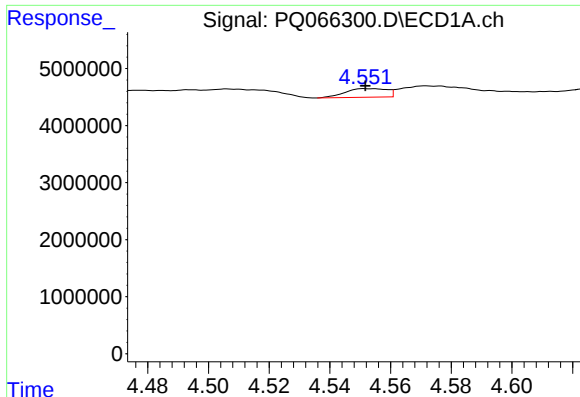
#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 53416022
Conc: 40.97 ng/ml



#2 Decachlorobiphenyl

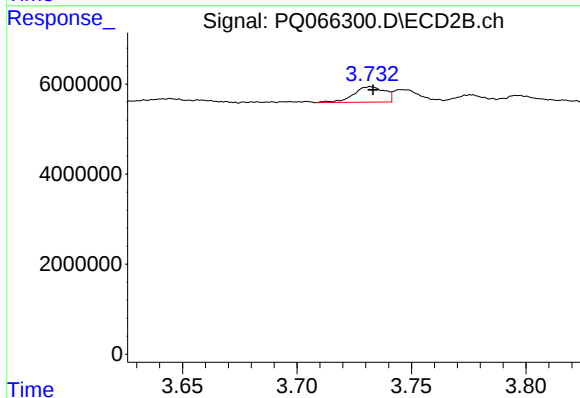
R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 138779060
Conc: 42.98 ng/ml



#3 AR-1016-1

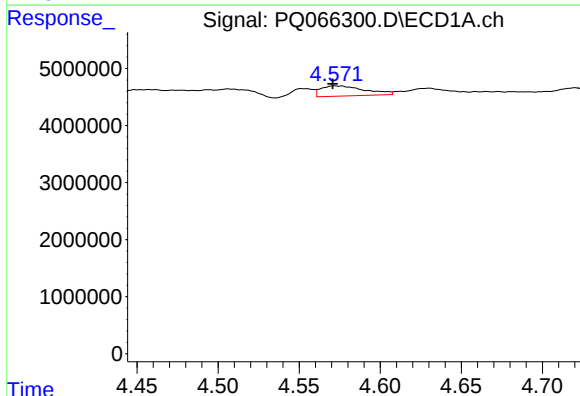
R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 1438279
Conc: 10.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



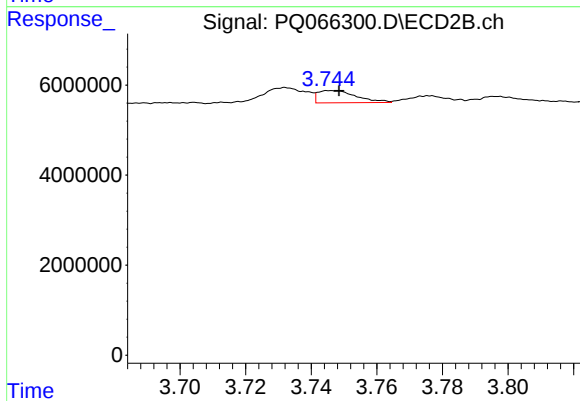
#3 AR-1016-1

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 3241520
Conc: 13.54 ng/ml



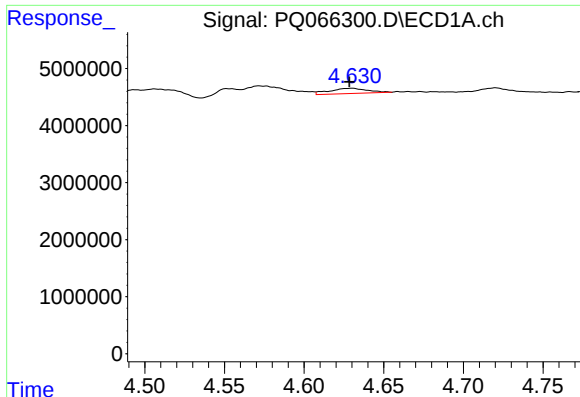
#4 AR-1016-2

R.T.: 4.572 min
Delta R.T.: 0.001 min
Response: 3317958
Conc: 15.19 ng/ml



#4 AR-1016-2

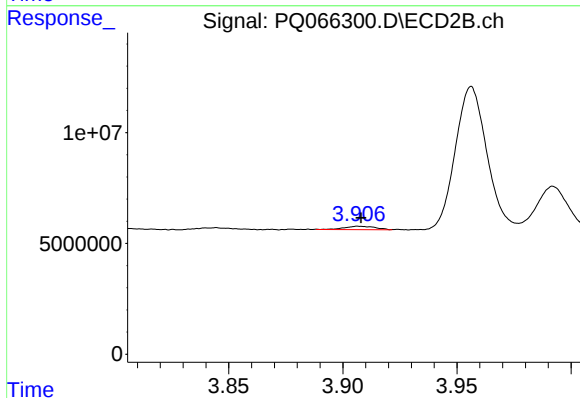
R.T.: 3.746 min
Delta R.T.: -0.003 min
Response: 2213686
Conc: 6.34 ng/ml



#5 AR-1016-3

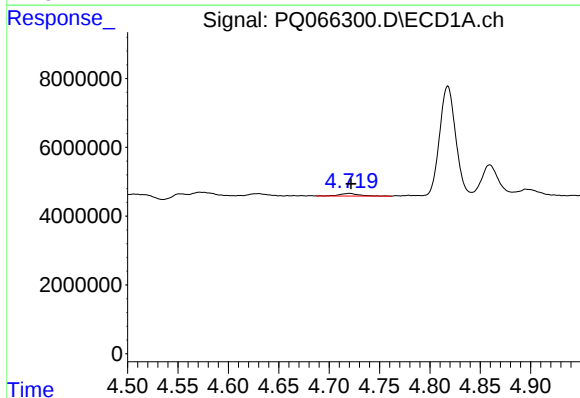
R.T.: 4.630 min
Delta R.T.: 0.002 min
Response: 1513491
Conc: 10.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



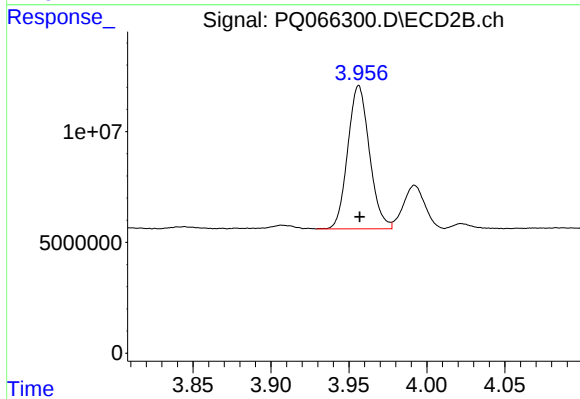
#5 AR-1016-3

R.T.: 3.907 min
Delta R.T.: -0.001 min
Response: 1467674
Conc: 7.80 ng/ml



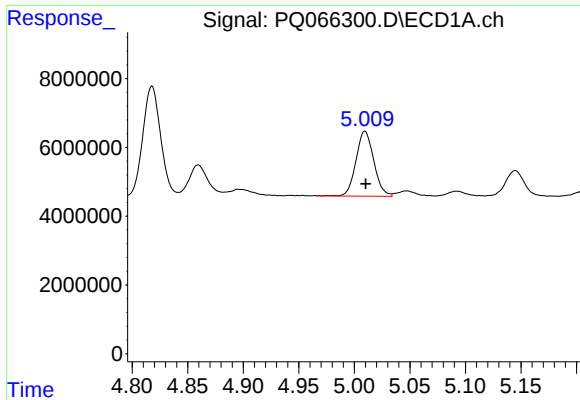
#6 AR-1016-4

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 1040472
Conc: 9.03 ng/ml



#6 AR-1016-4

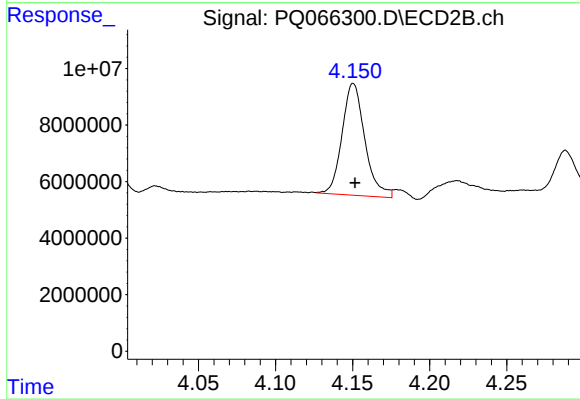
R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 62558121
Conc: 395.43 ng/ml



#7 AR-1016-5

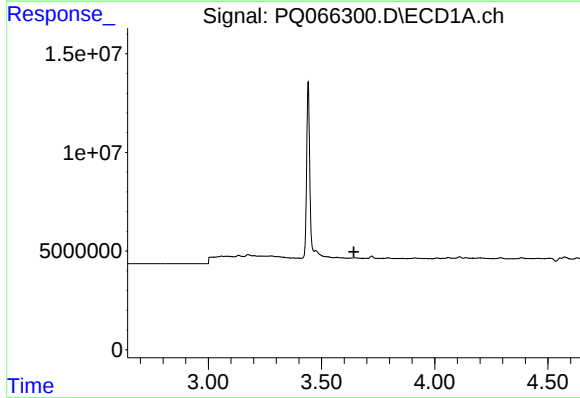
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 21127141
Conc: 195.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



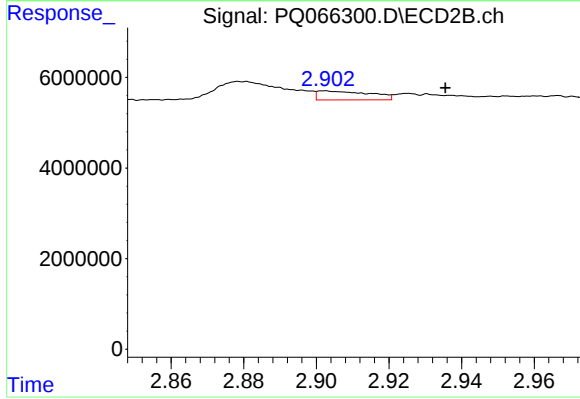
#7 AR-1016-5

R.T.: 4.150 min
Delta R.T.: -0.001 min
Response: 40710040
Conc: 207.43 ng/ml



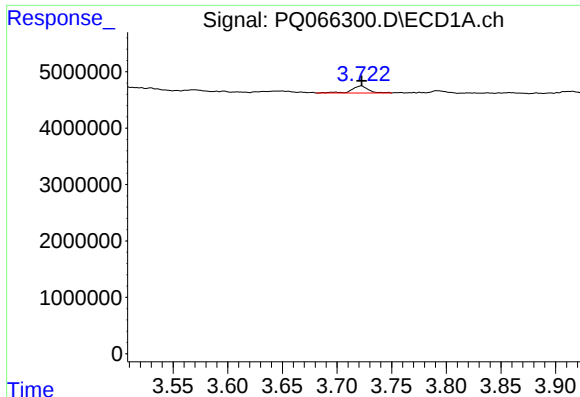
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.643 min
Response: 0
Conc: N.D.



#8 AR-1221-1

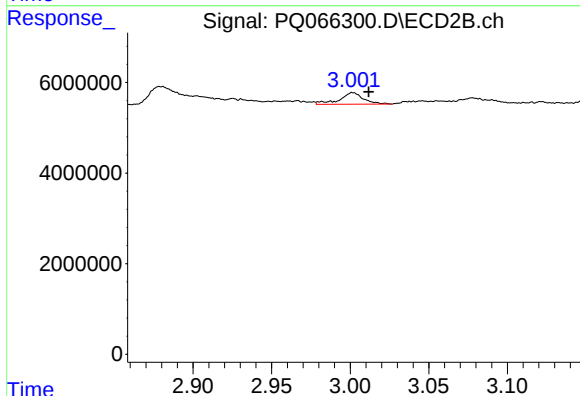
R.T.: 2.902 min
Delta R.T.: -0.033 min
Response: 1992215
Conc: 25.34 ng/ml



#9 AR-1221-2

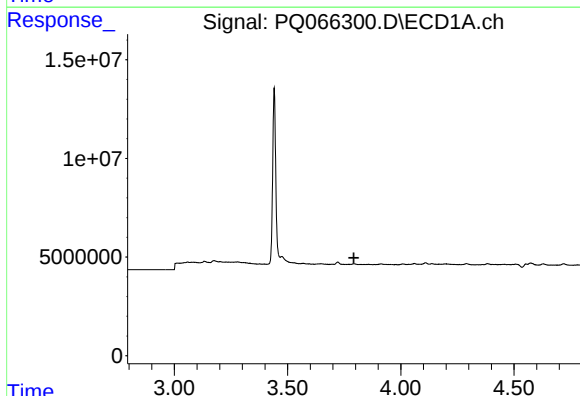
R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 1328452
Conc: 38.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



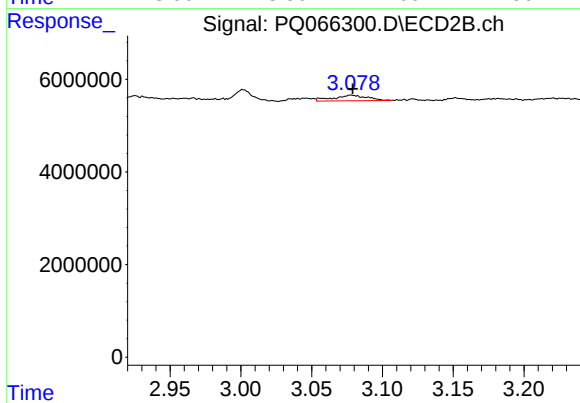
#9 AR-1221-2

R.T.: 3.002 min
Delta R.T.: -0.010 min
Response: 2695712
Conc: 47.78 ng/ml



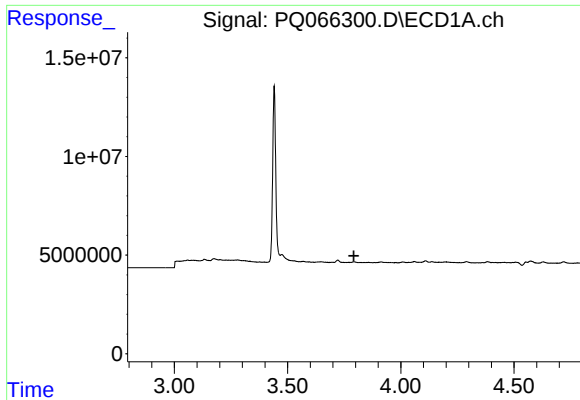
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.793 min
Response: 0
Conc: N.D.



#10 AR-1221-3

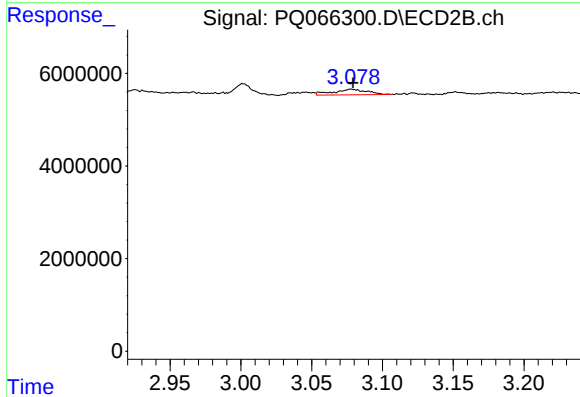
R.T.: 3.078 min
Delta R.T.: -0.001 min
Response: 1992788
Conc: 10.85 ng/ml



#11 AR-1232-1

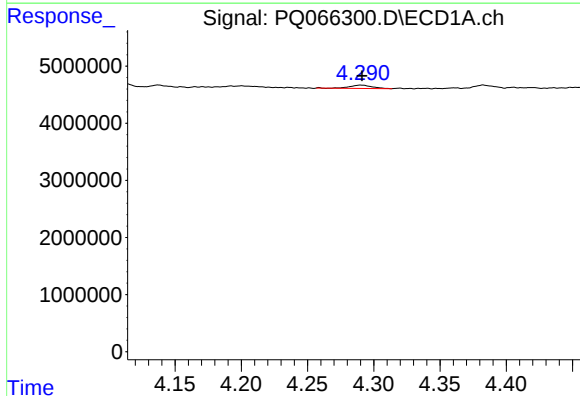
R.T.: 0.000 min
Exp R.T.: 3.793 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



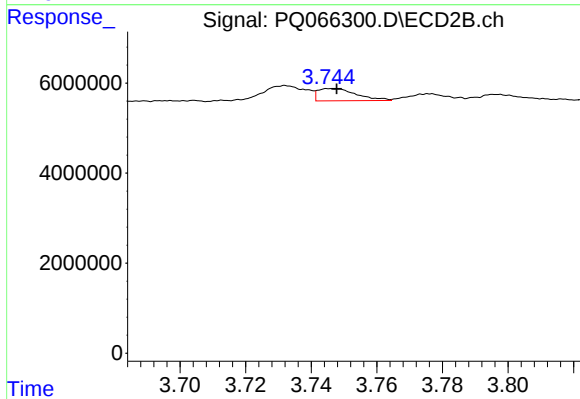
#11 AR-1232-1

R.T.: 3.078 min
Delta R.T.: -0.002 min
Response: 1992788
Conc: 12.87 ng/ml



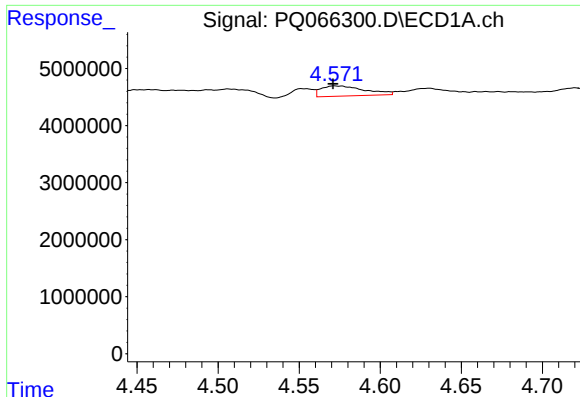
#12 AR-1232-2

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 660210
Conc: 12.56 ng/ml



#12 AR-1232-2

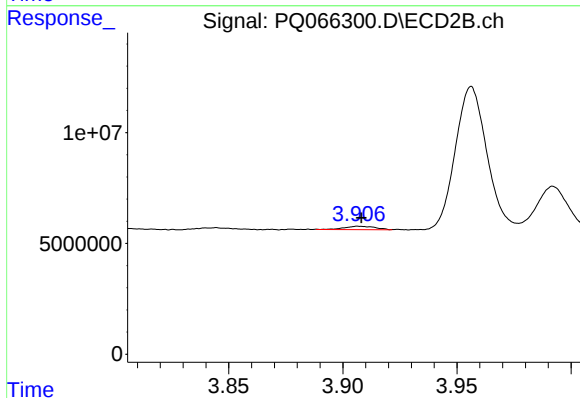
R.T.: 3.746 min
Delta R.T.: -0.002 min
Response: 2213686
Conc: 13.85 ng/ml



#13 AR-1232-3

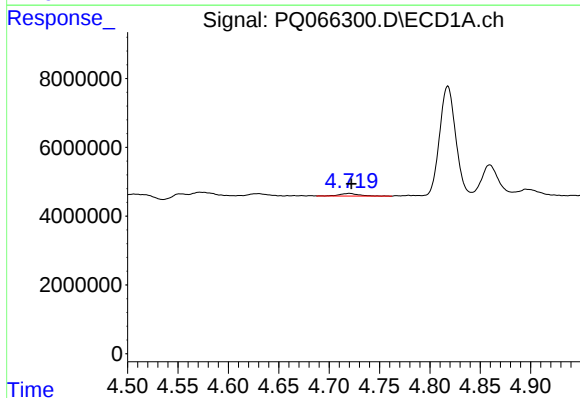
R.T.: 4.572 min
Delta R.T.: 0.001 min
Response: 3317958
Conc: 33.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



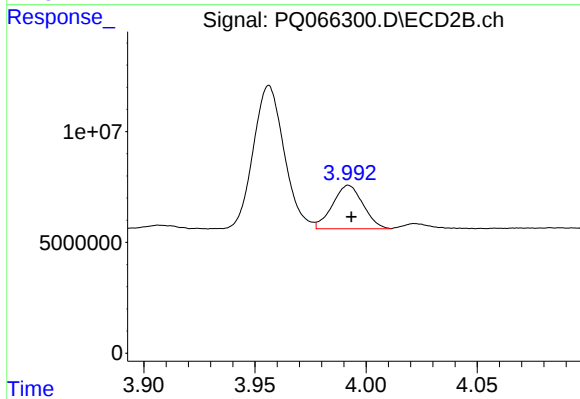
#13 AR-1232-3

R.T.: 3.907 min
Delta R.T.: -0.001 min
Response: 1467674
Conc: 17.53 ng/ml



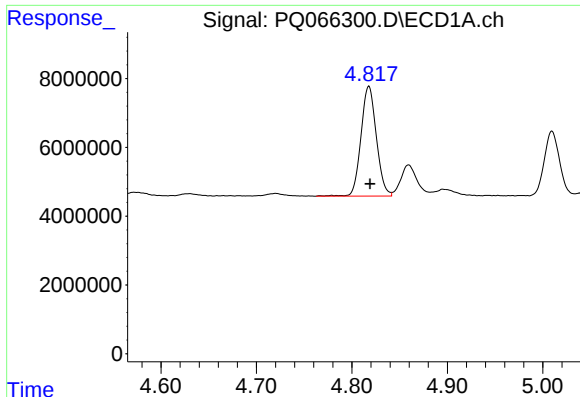
#14 AR-1232-4

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 1040472
Conc: 20.44 ng/ml



#14 AR-1232-4

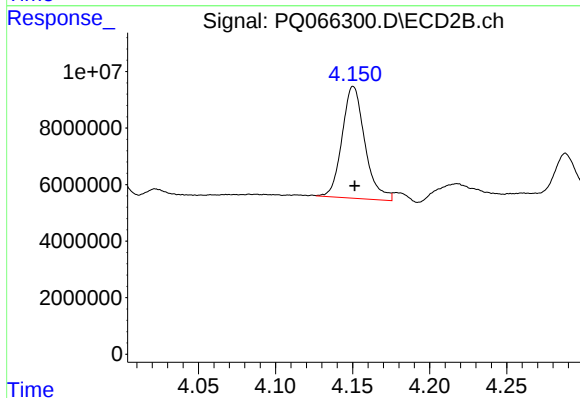
R.T.: 3.992 min
Delta R.T.: -0.001 min
Response: 18790062
Conc: 260.26 ng/ml



#15 AR-1232-5

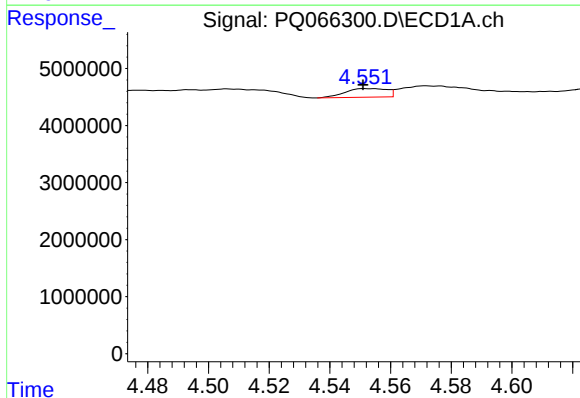
R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 35908871
Conc: 1028.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



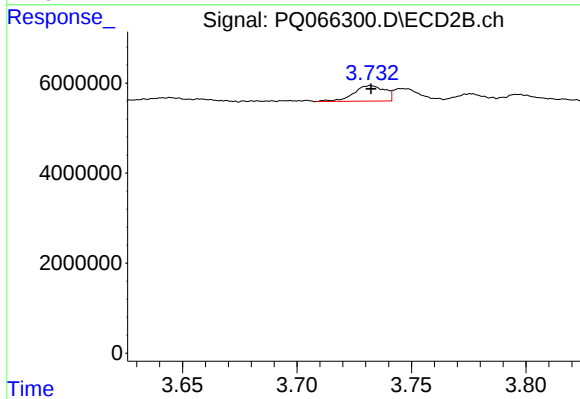
#15 AR-1232-5

R.T.: 4.150 min
Delta R.T.: 0.000 min
Response: 40710040
Conc: 493.25 ng/ml



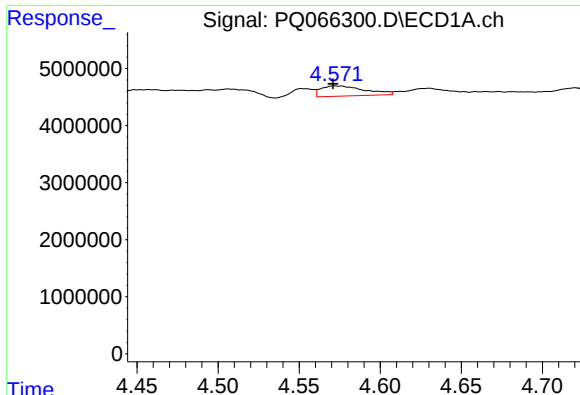
#16 AR-1242-1

R.T.: 4.552 min
Delta R.T.: 0.001 min
Response: 1438279
Conc: 12.75 ng/ml



#16 AR-1242-1

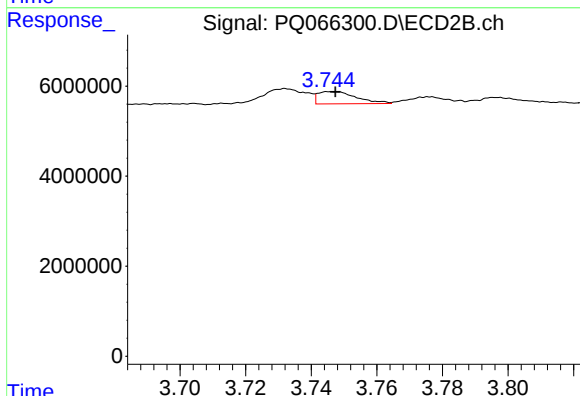
R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 3241520
Conc: 16.80 ng/ml



#17 AR-1242-2

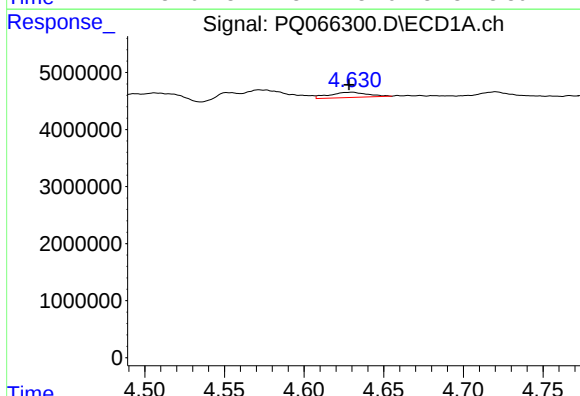
R.T.: 4.572 min
Delta R.T.: 0.001 min
Response: 3317958
Conc: 19.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



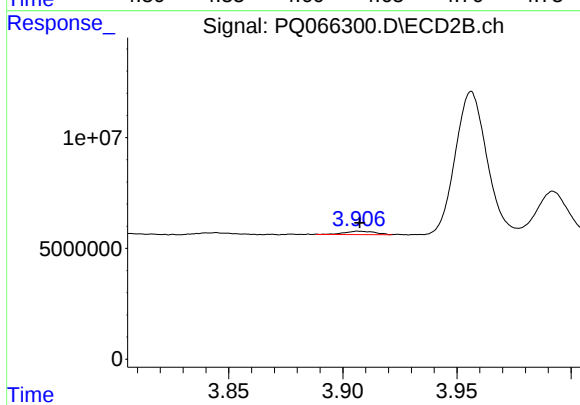
#17 AR-1242-2

R.T.: 3.746 min
Delta R.T.: -0.002 min
Response: 2213686
Conc: 7.98 ng/ml



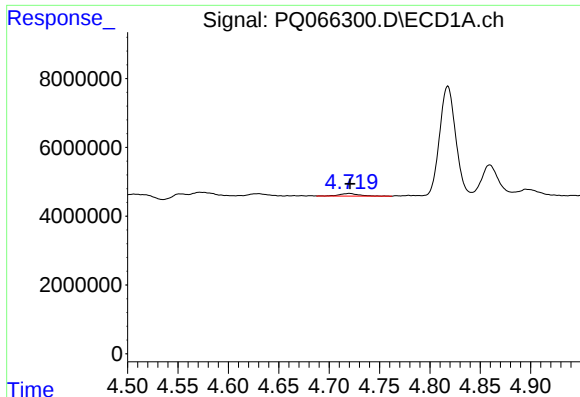
#18 AR-1242-3

R.T.: 4.630 min
Delta R.T.: 0.002 min
Response: 1513491
Conc: 13.28 ng/ml



#18 AR-1242-3

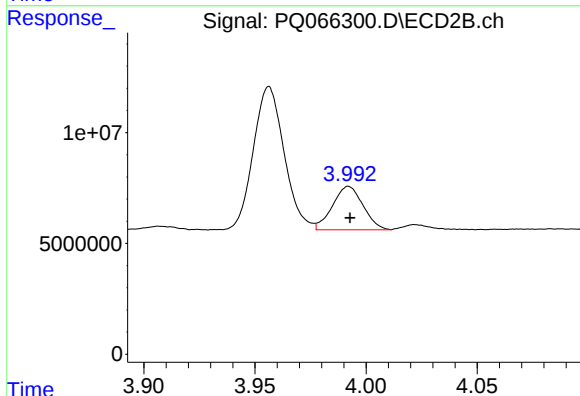
R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 1467674
Conc: 9.74 ng/ml



#19 AR-1242-4

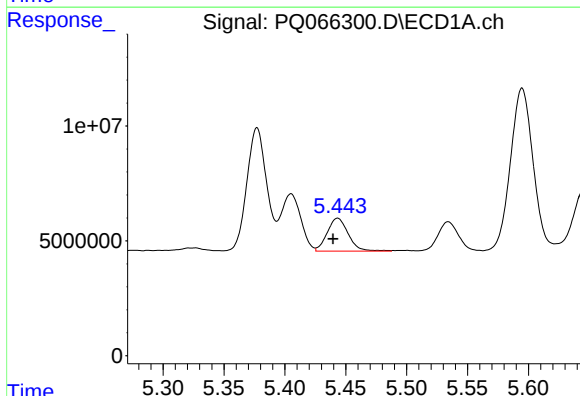
R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 1040472
Conc: 11.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



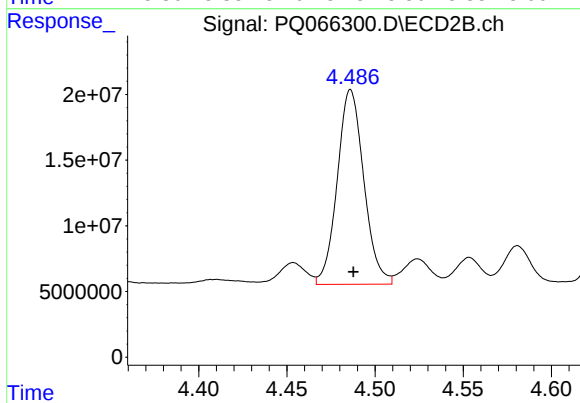
#19 AR-1242-4

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 18790062
Conc: 131.75 ng/ml



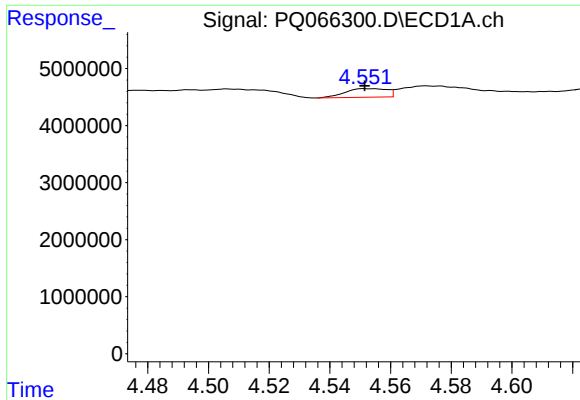
#20 AR-1242-5

R.T.: 5.443 min
Delta R.T.: 0.004 min
Response: 17315400
Conc: 193.13 ng/ml



#20 AR-1242-5

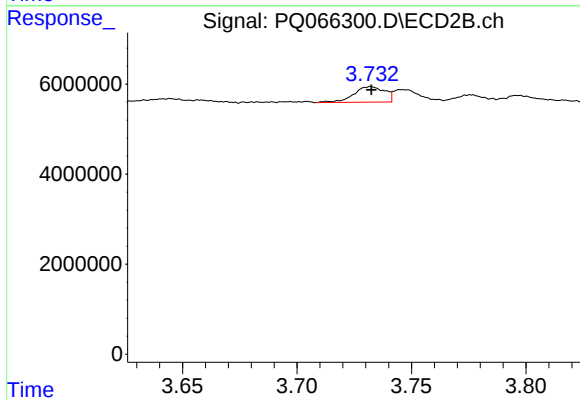
R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 155319010
Conc: 820.88 ng/ml



#21 AR-1248-1

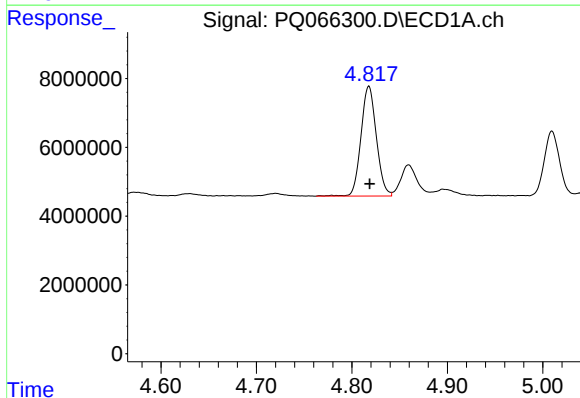
R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 1438279
Conc: 17.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



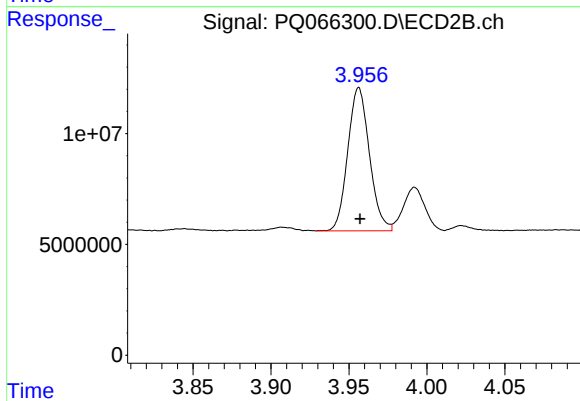
#21 AR-1248-1

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 3241520
Conc: 22.42 ng/ml



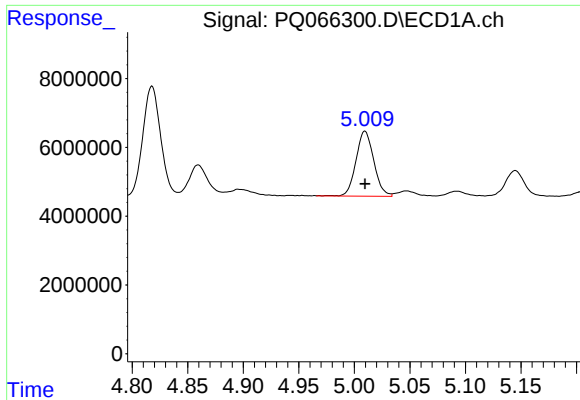
#22 AR-1248-2

R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 35908871
Conc: 299.45 ng/ml



#22 AR-1248-2

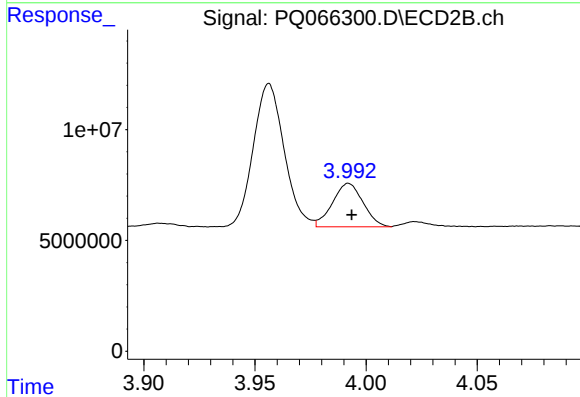
R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 62558121
Conc: 285.09 ng/ml



#23 AR-1248-3

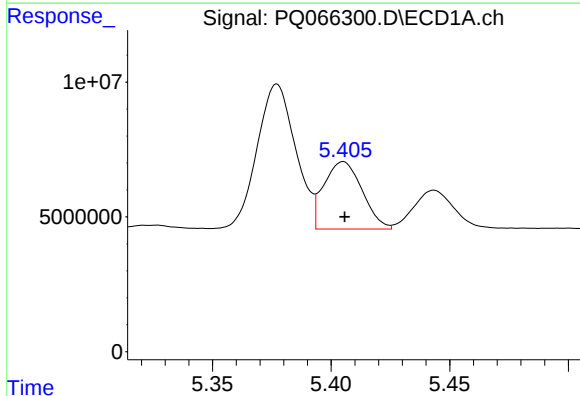
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 21127141
Conc: 149.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



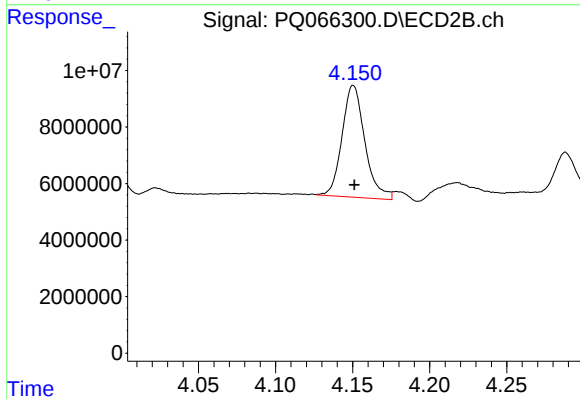
#23 AR-1248-3

R.T.: 3.992 min
Delta R.T.: -0.001 min
Response: 18790062
Conc: 89.01 ng/ml



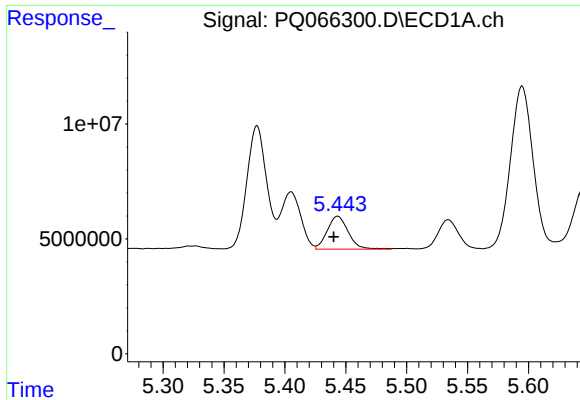
#24 AR-1248-4

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 28056094
Conc: 188.81 ng/ml



#24 AR-1248-4

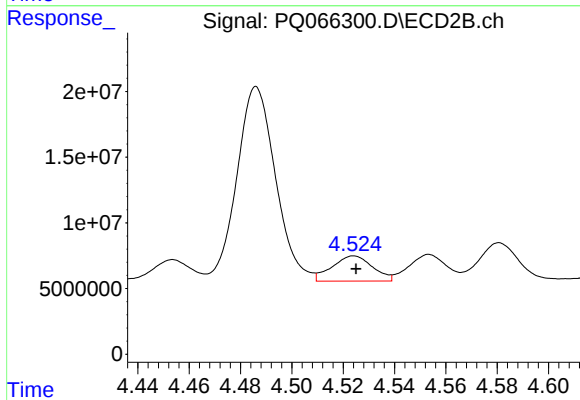
R.T.: 4.150 min
Delta R.T.: 0.000 min
Response: 40710040
Conc: 156.62 ng/ml



#25 AR-1248-5

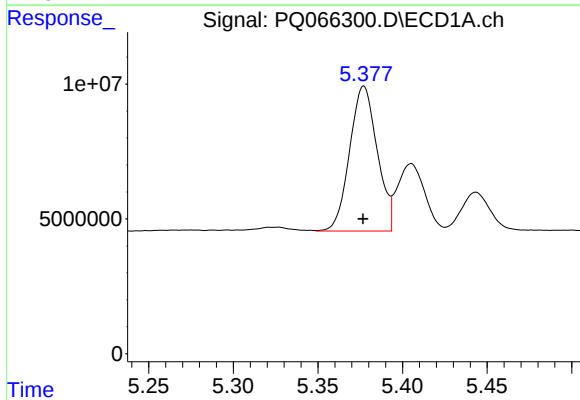
R.T.: 5.443 min
Delta R.T.: 0.003 min
Response: 17315400
Conc: 114.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



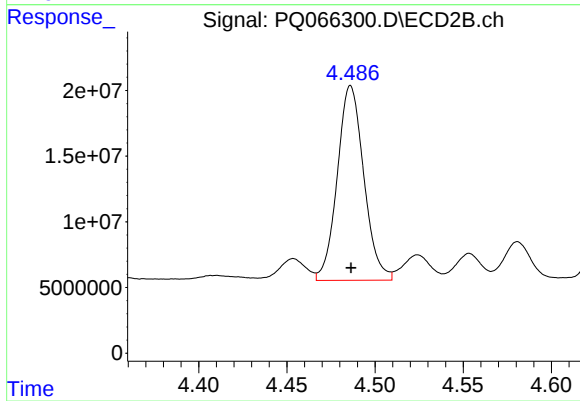
#25 AR-1248-5

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 20991681
Conc: 81.29 ng/ml



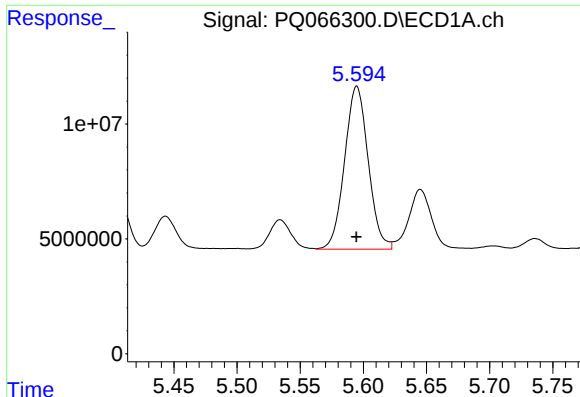
#26 AR-1254-1

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 60891950
Conc: 394.82 ng/ml



#26 AR-1254-1

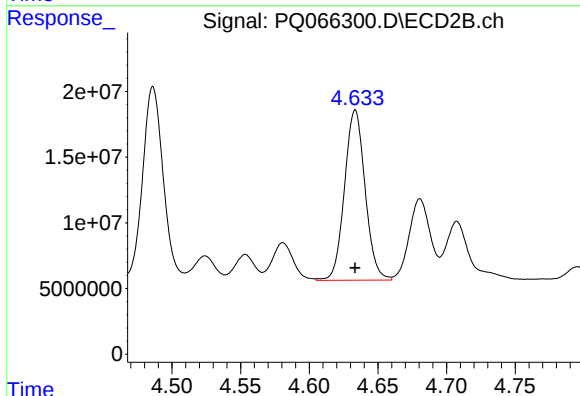
R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 155319010
Conc: 396.46 ng/ml



#27 AR-1254-2

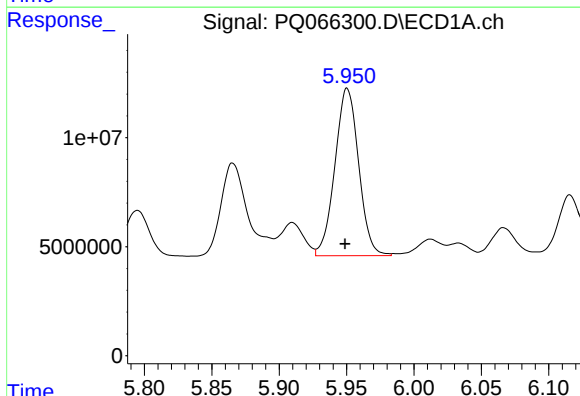
R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 92241625
Conc: 391.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



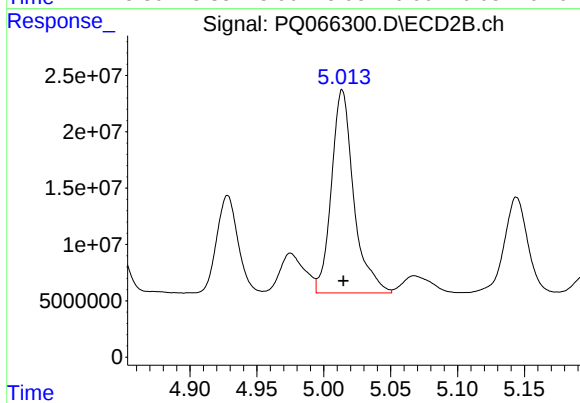
#27 AR-1254-2

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 135374937
Conc: 394.46 ng/ml



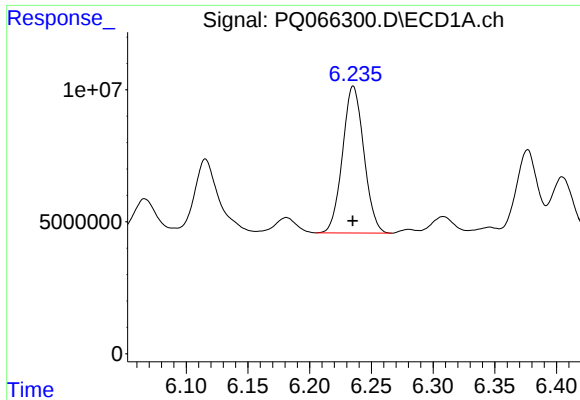
#28 AR-1254-3

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 94323612
Conc: 393.41 ng/ml



#28 AR-1254-3

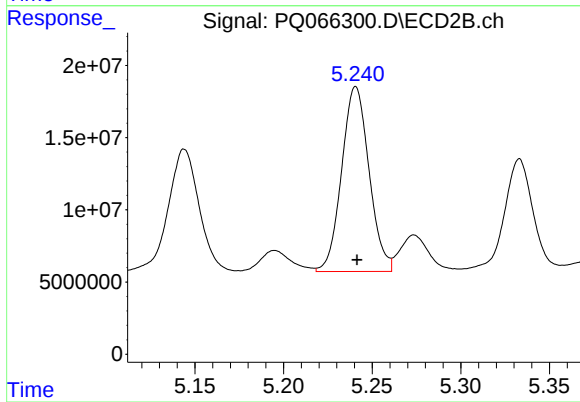
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 209668903
Conc: 386.96 ng/ml



#29 AR-1254-4

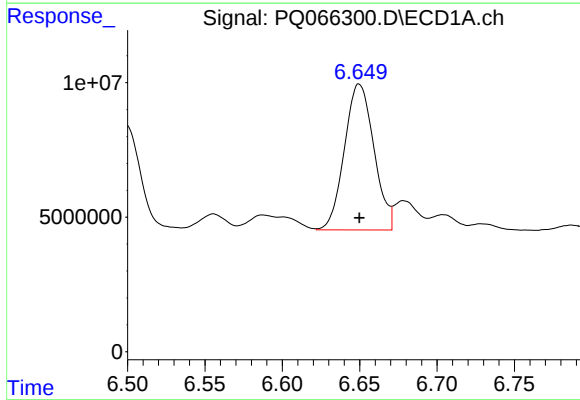
R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 66904110
Conc: 390.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



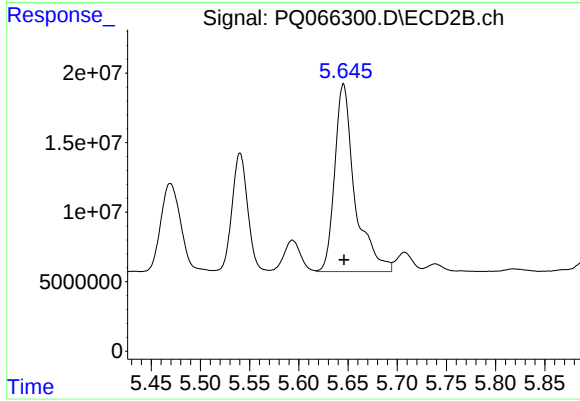
#29 AR-1254-4

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 137783686
Conc: 394.21 ng/ml



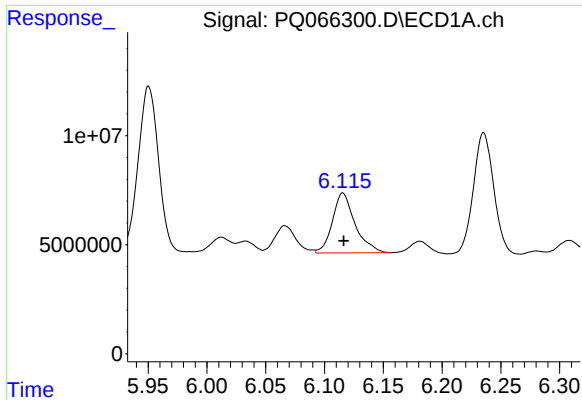
#30 AR-1254-5

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 72102266
Conc: 390.46 ng/ml



#30 AR-1254-5

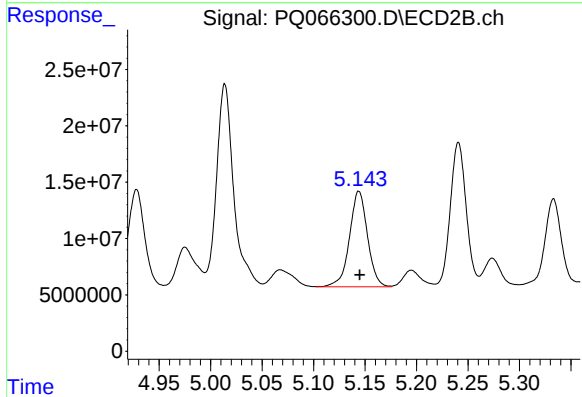
R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 191588623
Conc: 385.50 ng/ml



#31 AR-1260-1

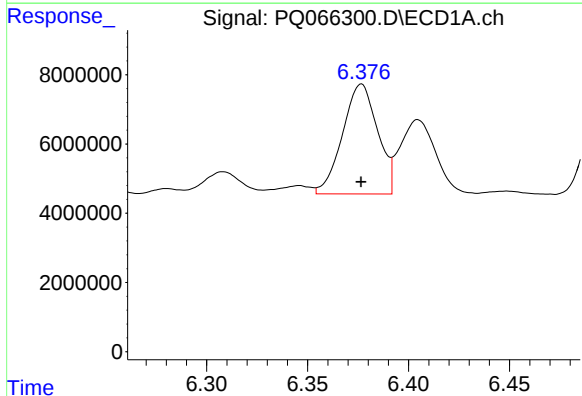
R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 36929544
Conc: 195.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



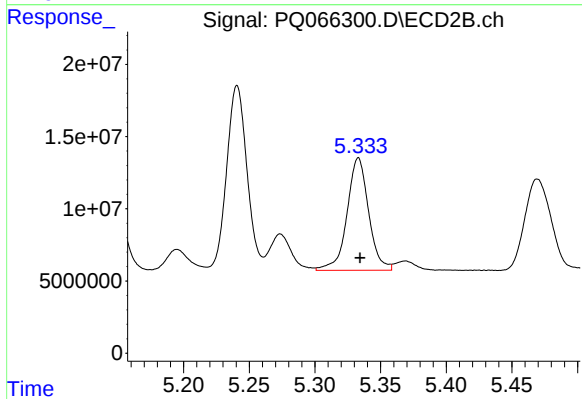
#31 AR-1260-1

R.T.: 5.144 min
Delta R.T.: 0.000 min
Response: 103326327
Conc: 263.04 ng/ml



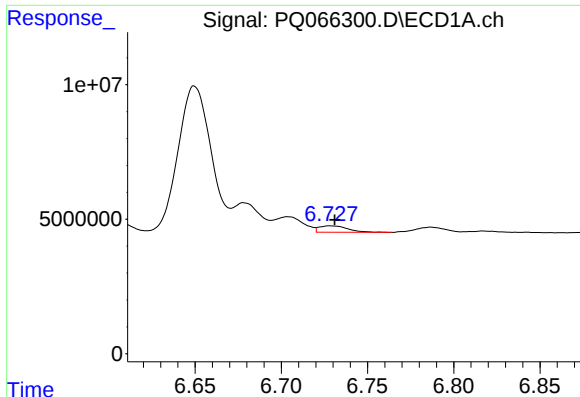
#32 AR-1260-2

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 38364759
Conc: 173.01 ng/ml



#32 AR-1260-2

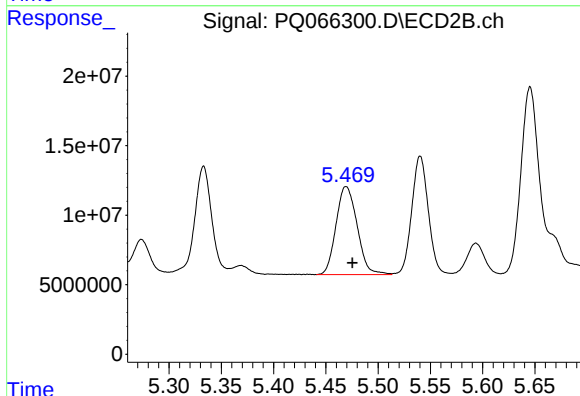
R.T.: 5.333 min
Delta R.T.: -0.001 min
Response: 88939665
Conc: 185.41 ng/ml



#33 AR-1260-3

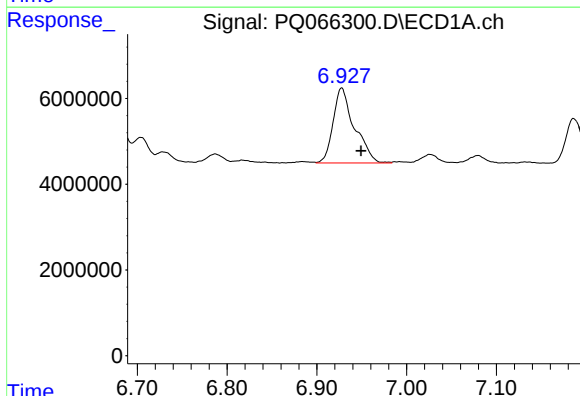
R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 2794026
Conc: 17.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



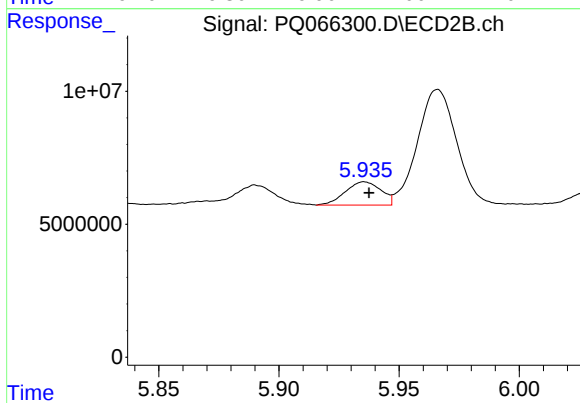
#33 AR-1260-3

R.T.: 5.469 min
Delta R.T.: -0.006 min
Response: 88896238
Conc: 198.67 ng/ml



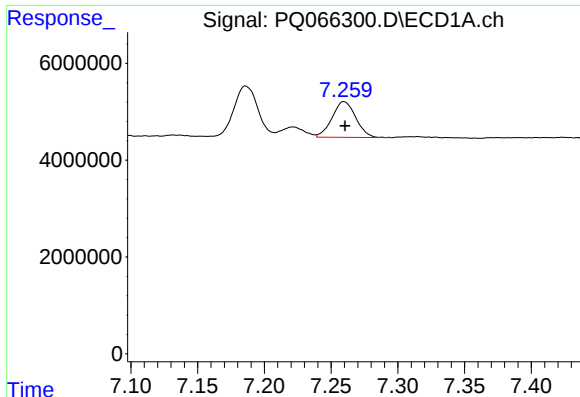
#34 AR-1260-4

R.T.: 6.928 min
Delta R.T.: -0.022 min
Response: 28907116
Conc: 156.85 ng/ml



#34 AR-1260-4

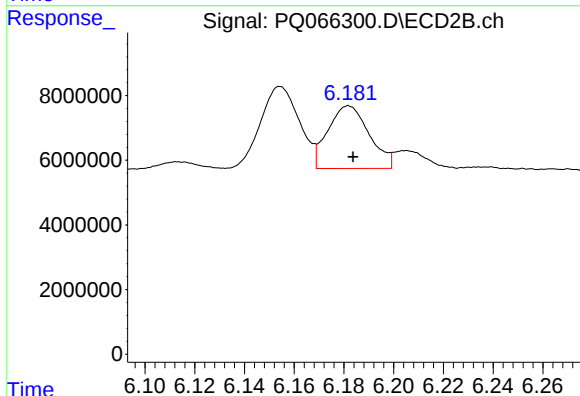
R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 8995524
Conc: 24.48 ng/ml



#35 AR-1260-5

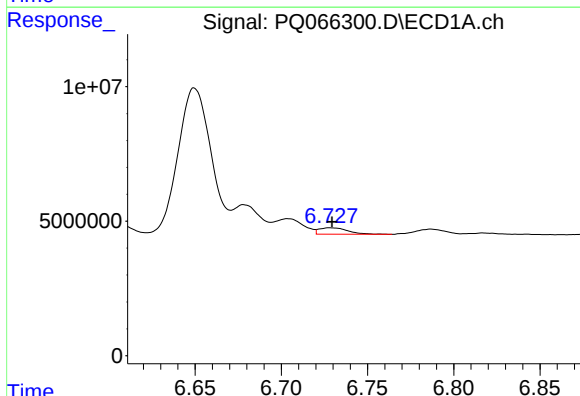
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 9093918
Conc: 26.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



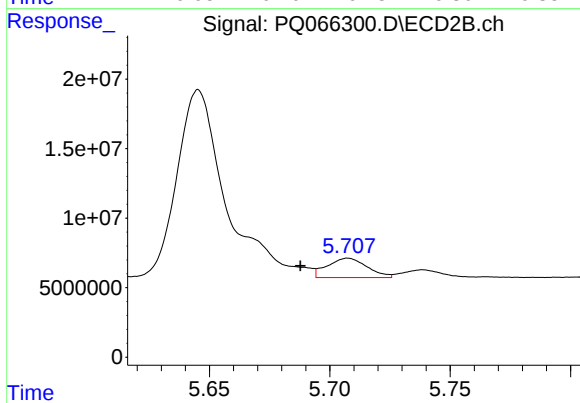
#35 AR-1260-5

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 22407243
Conc: 26.60 ng/ml



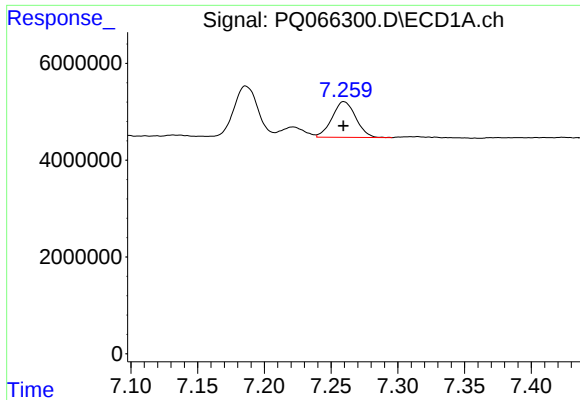
#36 AR-1262-1

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 2794026
Conc: 12.30 ng/ml



#36 AR-1262-1

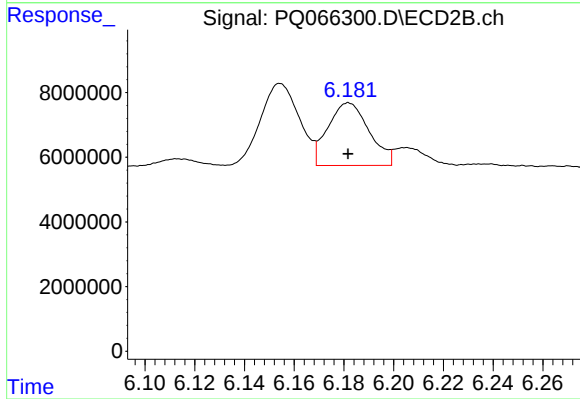
R.T.: 5.708 min
Delta R.T.: 0.020 min
Response: 15915692
Conc: 30.05 ng/ml



#37 AR-1262-2

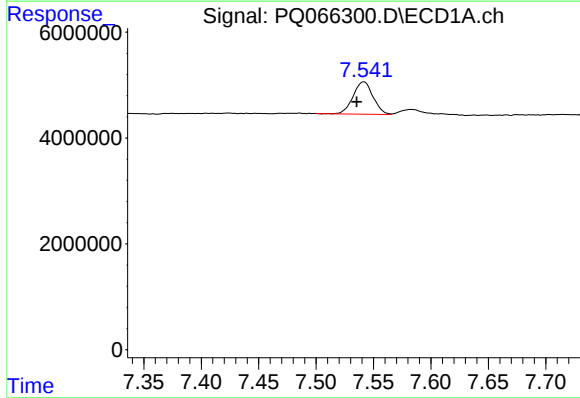
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 9093918
Conc: 24.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



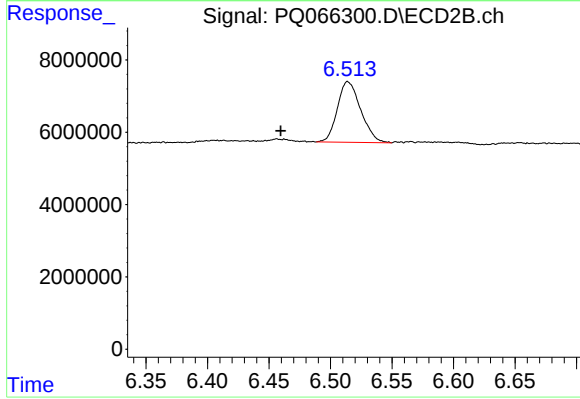
#37 AR-1262-2

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 22407243
Conc: 23.86 ng/ml



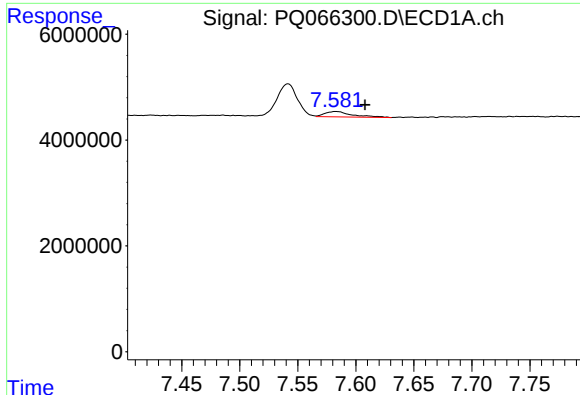
#38 AR-1262-3

R.T.: 7.542 min
Delta R.T.: 0.006 min
Response: 7417043
Conc: 30.41 ng/ml



#38 AR-1262-3

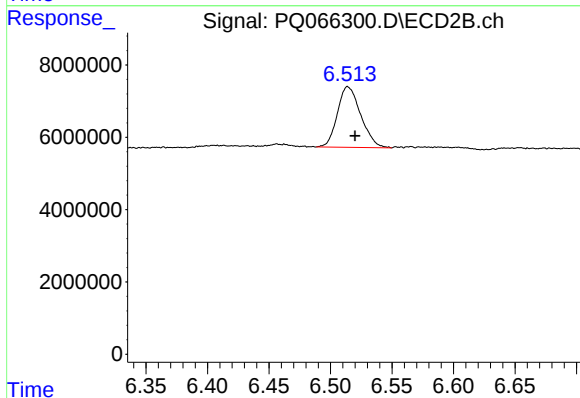
R.T.: 6.514 min
Delta R.T.: 0.055 min
Response: 22175398
Conc: 57.68 ng/ml



#39 AR-1262-4

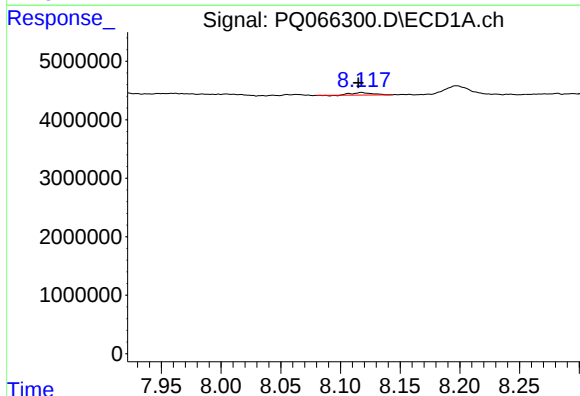
R.T.: 7.583 min
Delta R.T.: -0.025 min
Response: 1677353
Conc: 8.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



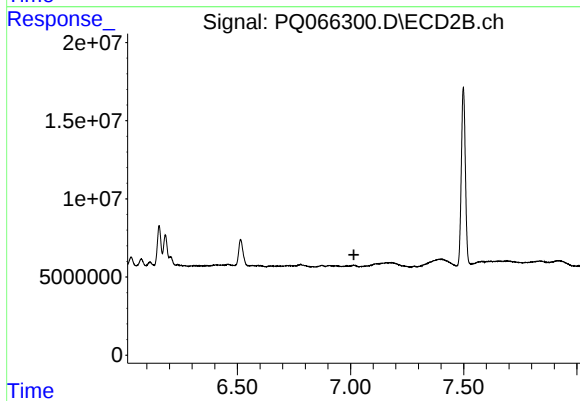
#39 AR-1262-4

R.T.: 6.514 min
Delta R.T.: -0.006 min
Response: 22175398
Conc: 31.31 ng/ml



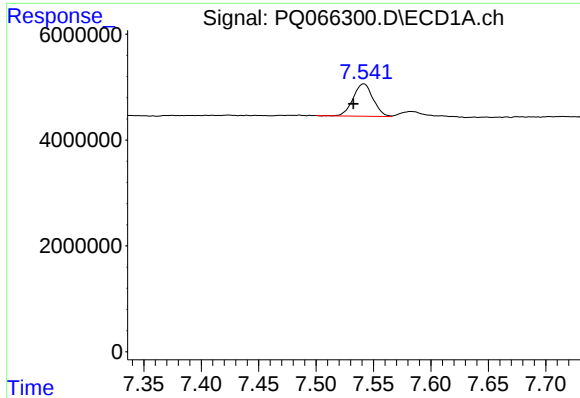
#40 AR-1262-5

R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 488588
Conc: 3.90 ng/ml



#40 AR-1262-5

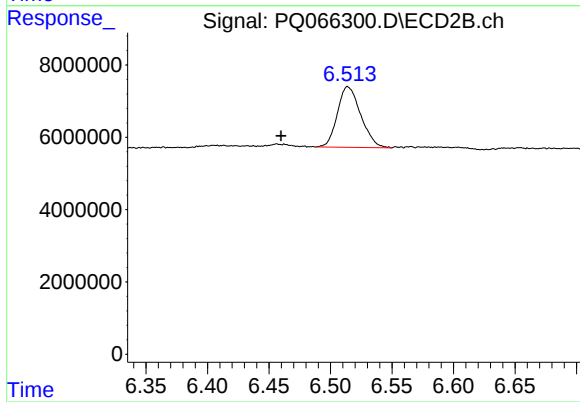
R.T.: 0.000 min
Exp R.T. : 7.015 min
Response: 0
Conc: N.D.



#41 AR-1268-1

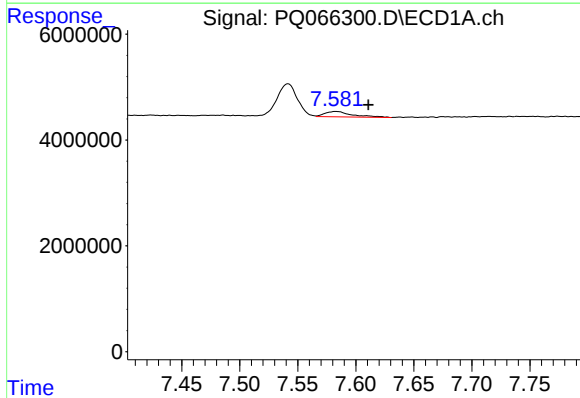
R.T.: 7.542 min
Delta R.T.: 0.009 min
Response: 7417043
Conc: 17.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



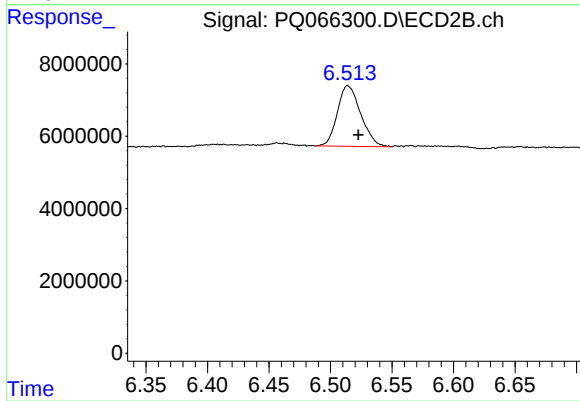
#41 AR-1268-1

R.T.: 6.514 min
Delta R.T.: 0.054 min
Response: 22175398
Conc: 20.29 ng/ml



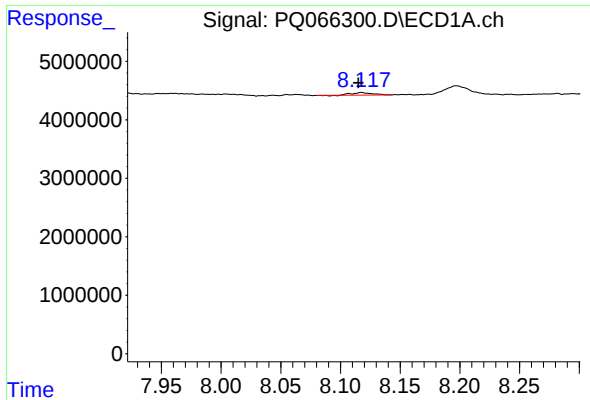
#42 AR-1268-2

R.T.: 7.583 min
Delta R.T.: -0.028 min
Response: 1677353
Conc: 4.30 ng/ml



#42 AR-1268-2

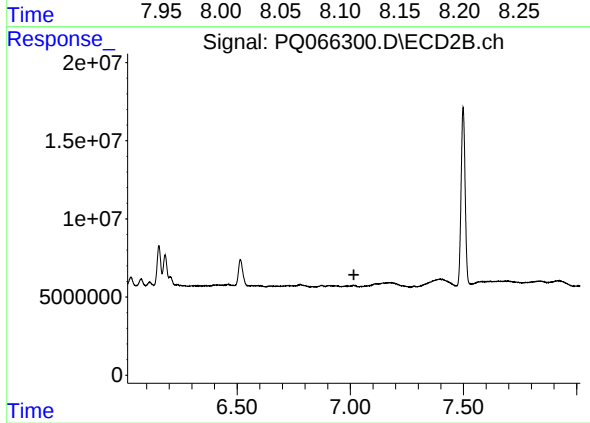
R.T.: 6.514 min
Delta R.T.: -0.009 min
Response: 22175398
Conc: 22.25 ng/ml



#44 AR-1268-4

R.T.: 8.118 min
Delta R.T.: 0.003 min
Response: 488588
Conc: 3.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.016 min
Response: 0
Conc: N.D.