

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082419\
 Data File : PQ042809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2019 17:56
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248316

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 02:25:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.631	4.688	57403364	52772394	19.338	21.057
2)	SA Decachlor...	11.984	10.422	289.2E6	222.2E6	38.308	36.388
Target Compounds							
3)	L1 AR-1016-1	7.075	6.138	30351610	31503955	249.422	273.588
4)	L1 AR-1016-2	7.101	6.159	36764546	32214611	199.765	200.677
5)	L1 AR-1016-3	7.171	6.374	24029812	20722888	193.255	241.688 #
6)	L1 AR-1016-4	7.282	6.428	32918053	41357749	372.529	572.750 #
7)	L1 AR-1016-5	7.618	6.680	48344296	50436589	571.650	563.122
9)	L2 AR-1221-2	6.023	0.000	1381603	0	56.709	N.D. #
10)	L2 AR-1221-3	6.116	5.215	3087089	3193796	35.952	38.670
11)	L3 AR-1232-1	6.116	5.215	3087089	3193796	44.506	47.409
12)	L3 AR-1232-2	6.758	6.159	13531560	32214611	367.625	421.713
13)	L3 AR-1232-3	7.101	6.374	36764546	20722888	439.787	510.723
14)	L3 AR-1232-4	7.282	6.477	32918053	41854613	807.348	1052.089 #
15)	L3 AR-1232-5	7.389	6.680	46504226	50436589	1901.313	1271.879 #
16)	L4 AR-1242-1	7.075	6.138	30351610	31503955	290.834	304.975
17)	L4 AR-1242-2	7.101	6.159	36764546	32214611	241.357	227.329
18)	L4 AR-1242-3	7.171	6.374	24029812	20722888	235.784	273.812
19)	L4 AR-1242-4	7.282	6.477	32918053	41854613	428.002	546.585 #
20)	L4 AR-1242-5	8.107	7.089	64365230	79781232	682.162	711.722
21)	L5 AR-1248-1	7.075	6.138	30351610	31503955	364.031	383.257
22)	L5 AR-1248-2	7.389	6.428	46504226	41357749	455.342	375.421
23)	L5 AR-1248-3	7.618	6.477	48344296	41854613	380.967	371.394
24)	L5 AR-1248-4	8.065	6.680	74668986	50436589	450.427	369.184
25)	L5 AR-1248-5	8.107	7.136	64365230	55823381	404.279	354.604
26)	L6 AR-1254-1	8.035	7.089	62407272	79781232	425.323	353.569
27)	L6 AR-1254-2	8.277	7.257	71879328	24724414	299.653	122.274 #
28)	L6 AR-1254-3	8.666	7.705	42076400	35095372	147.589	99.662 #
29)	L6 AR-1254-4	8.971	7.954	29412841	25891653	123.358	100.899
30)	L6 AR-1254-5	9.402	8.349	1697.5E6	214.2E6	6574.252	589.376 #
31)	L7 AR-1260-1	8.839	7.861	3392055	15064532	19.241	73.836 #
32)	L7 AR-1260-2	9.105	8.050	10638651	3061049	44.261	11.427 #
33)	L7 AR-1260-3	9.513	8.214	17901961	7458627	82.801	31.291 #
34)	L7 AR-1260-4	9.716	8.709	16193177	12695090	66.686	55.997
35)	L7 AR-1260-5	10.073	8.963	4859864	3357070	8.186	5.390 #
36)	L8 AR-1262-1	9.540	0.000	5541755	0	38.448	N.D. #
37)	L8 AR-1262-2	10.073	8.963	4859864	3357070	6.459	4.019 #
38)	L8 AR-1262-3	10.389	9.257	2795791	1078376	5.198	3.034 #
39)	L8 AR-1262-4	10.482	9.257	9245069	1078376	21.266	1.672 #
40)	L8 AR-1262-5	11.141	9.817	41108417	17533144	119.848	55.425 #
41)	L9 AR-1268-1	10.389	9.257	2795791	1078376	2.924	1.074 #
42)	L9 AR-1268-2	10.482	9.257	9245069	1078376	9.926	1.148 #
43)	L9 AR-1268-3	10.740	0.000	28502031	0	35.174	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082419\
 Data File : PQ042809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2019 17:56
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

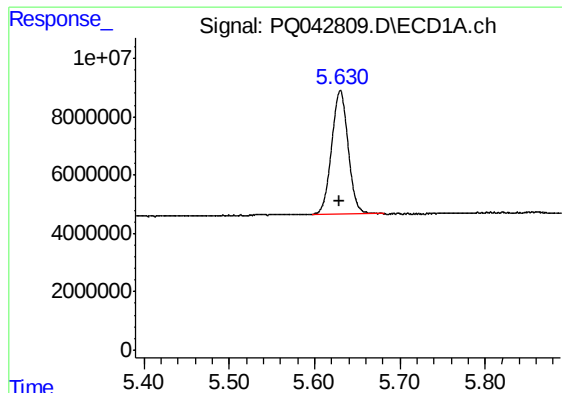
Instrument :
 ECD_Q
 ClientSampleId :
 AR1248316

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 02:25:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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
44) L9	AR-1268-4	11.141	9.817	41108417	17533144	110.788	51.231 #
45) L9	AR-1268-5	11.633	0.000	9549721	0	3.374	N.D. #

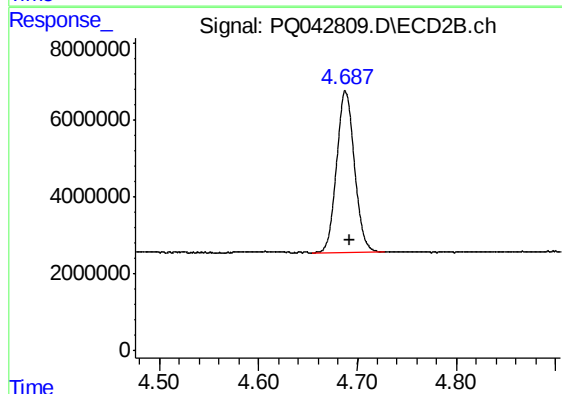
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

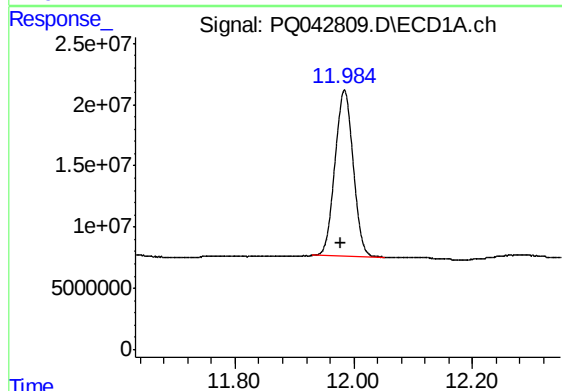
R.T.: 5.631 min
Delta R.T.: 0.002 min
Response: 57403364
Conc: 19.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



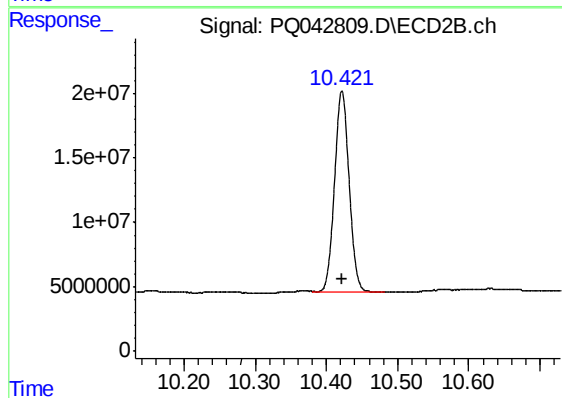
#1 Tetrachloro-m-xylene

R.T.: 4.688 min
Delta R.T.: -0.004 min
Response: 52772394
Conc: 21.06 ng/ml



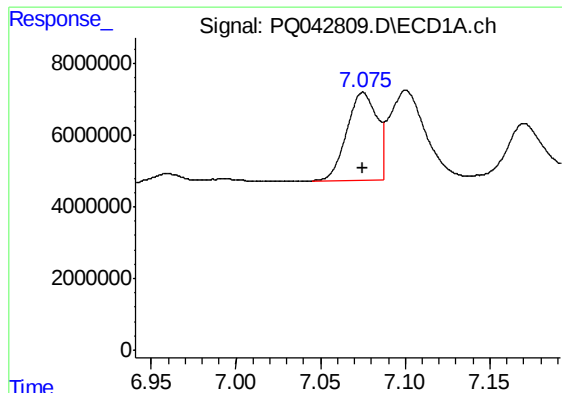
#2 Decachlorobiphenyl

R.T.: 11.984 min
Delta R.T.: 0.006 min
Response: 289174899
Conc: 38.31 ng/ml



#2 Decachlorobiphenyl

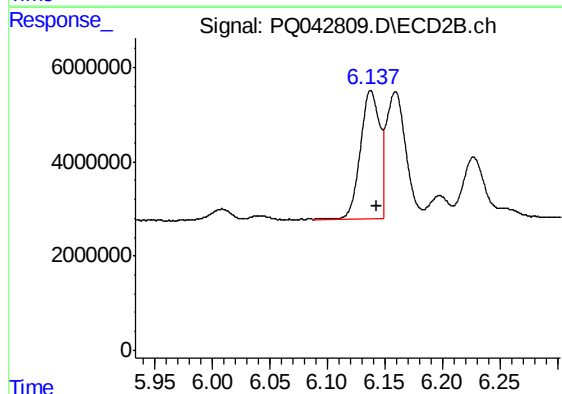
R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 222201060
Conc: 36.39 ng/ml



#3 AR-1016-1

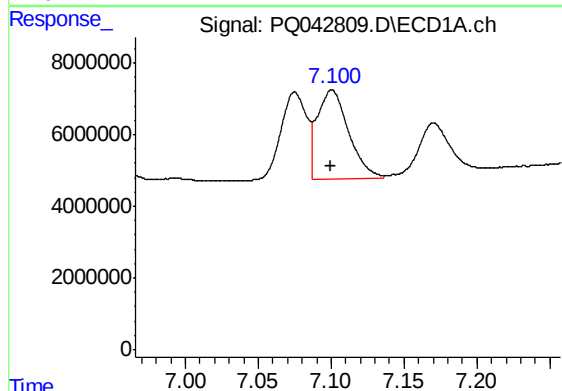
R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 30351610
Conc: 249.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



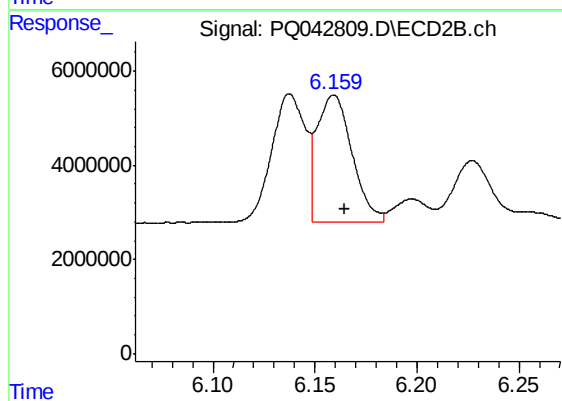
#3 AR-1016-1

R.T.: 6.138 min
Delta R.T.: -0.005 min
Response: 31503955
Conc: 273.59 ng/ml



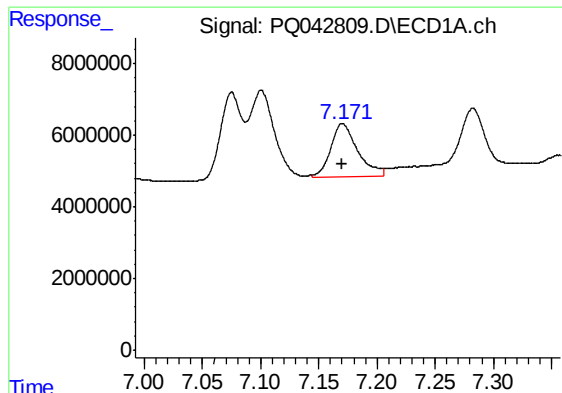
#4 AR-1016-2

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 36764546
Conc: 199.77 ng/ml



#4 AR-1016-2

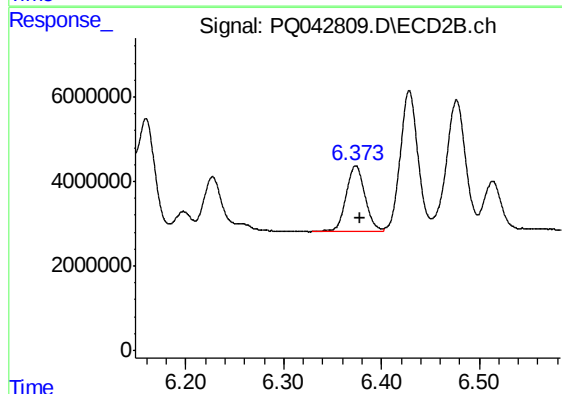
R.T.: 6.159 min
Delta R.T.: -0.005 min
Response: 32214611
Conc: 200.68 ng/ml



#5 AR-1016-3

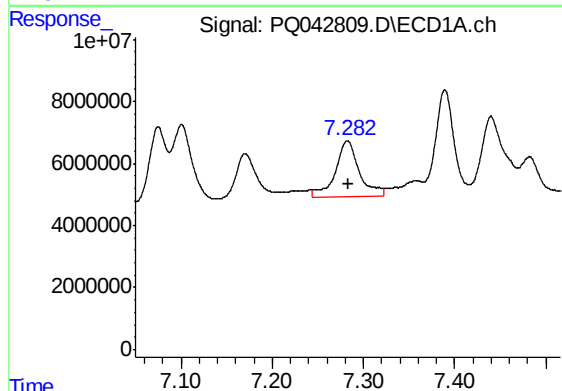
R.T.: 7.171 min
Delta R.T.: 0.002 min
Response: 24029812
Conc: 193.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



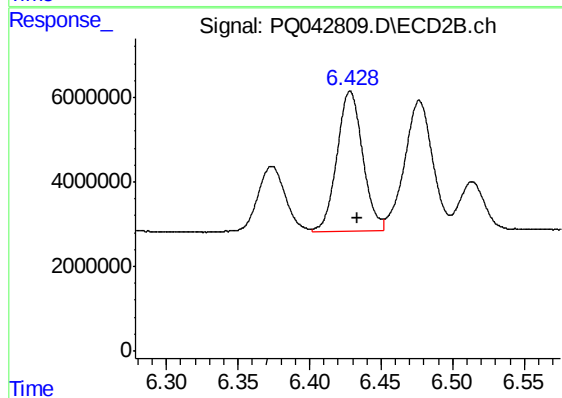
#5 AR-1016-3

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 20722888
Conc: 241.69 ng/ml



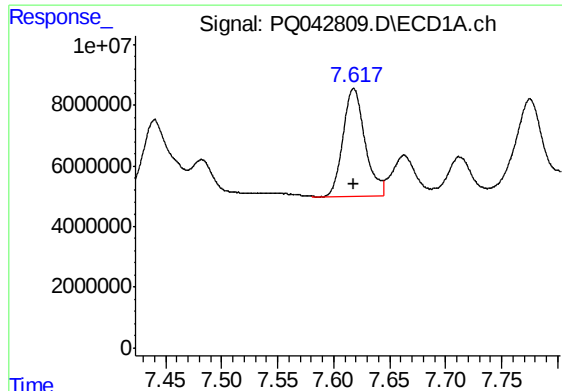
#6 AR-1016-4

R.T.: 7.282 min
Delta R.T.: -0.001 min
Response: 32918053
Conc: 372.53 ng/ml



#6 AR-1016-4

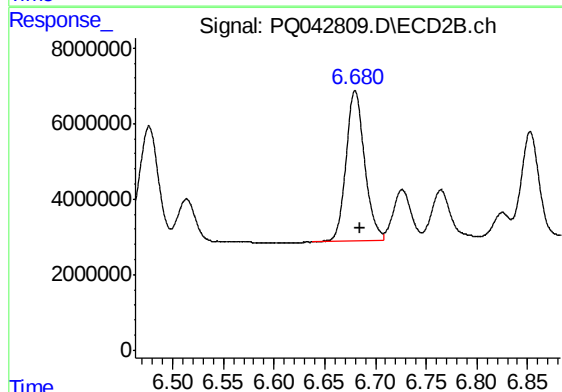
R.T.: 6.428 min
Delta R.T.: -0.005 min
Response: 41357749
Conc: 572.75 ng/ml



#7 AR-1016-5

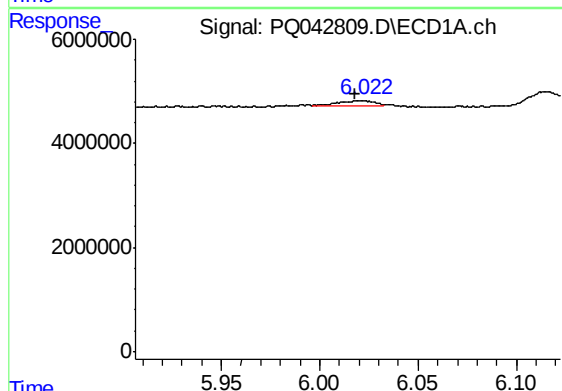
R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 48344296
Conc: 571.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



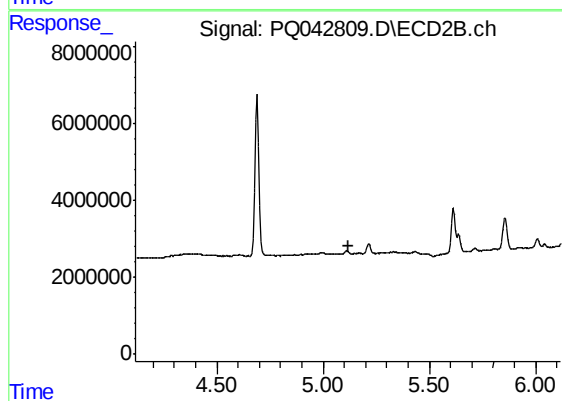
#7 AR-1016-5

R.T.: 6.680 min
Delta R.T.: -0.005 min
Response: 50436589
Conc: 563.12 ng/ml



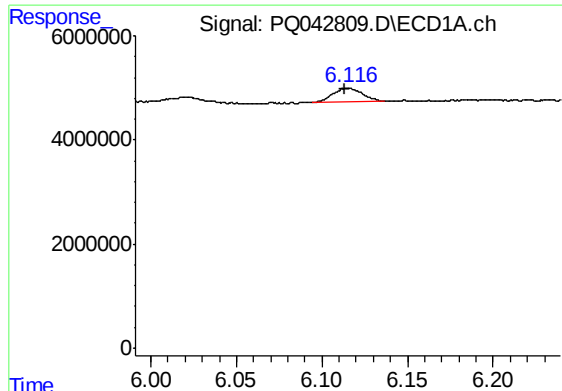
#9 AR-1221-2

R.T.: 6.023 min
Delta R.T.: 0.005 min
Response: 1381603
Conc: 56.71 ng/ml



#9 AR-1221-2

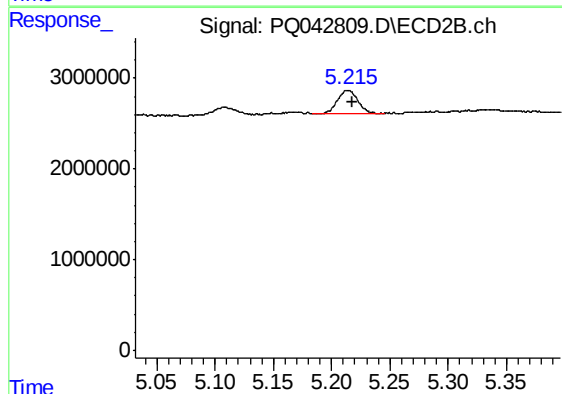
R.T.: 0.000 min
Exp R.T. : 5.117 min
Response: 0
Conc: N.D.



#10 AR-1221-3

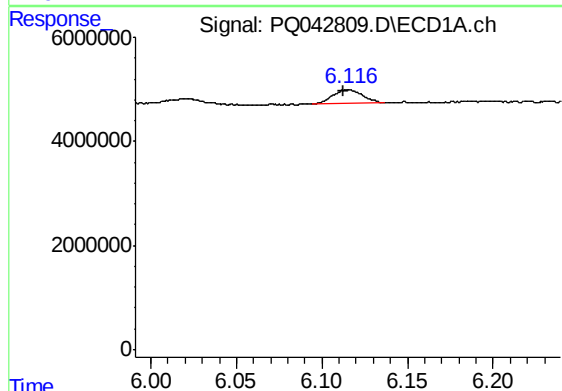
R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 3087089
Conc: 35.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



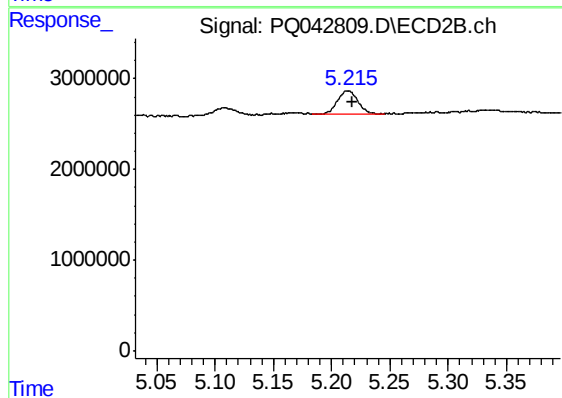
#10 AR-1221-3

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 3193796
Conc: 38.67 ng/ml



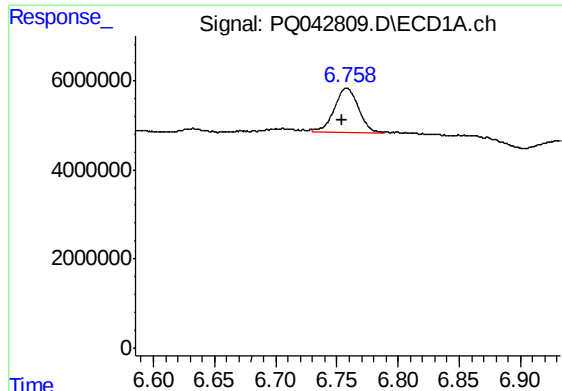
#11 AR-1232-1

R.T.: 6.116 min
Delta R.T.: 0.003 min
Response: 3087089
Conc: 44.51 ng/ml



#11 AR-1232-1

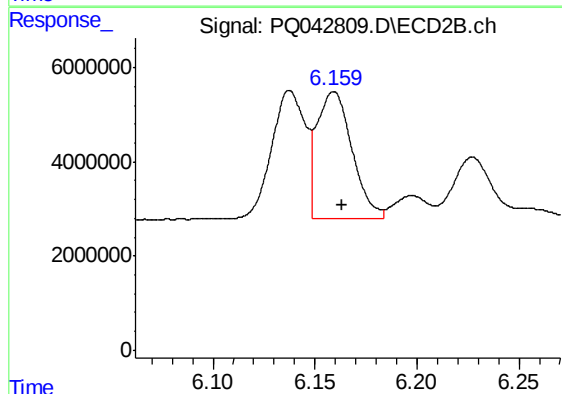
R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 3193796
Conc: 47.41 ng/ml



#12 AR-1232-2

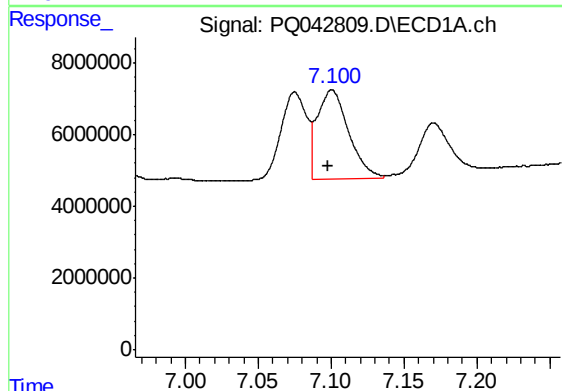
R.T.: 6.758 min
Delta R.T.: 0.004 min
Response: 13531560
Conc: 367.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



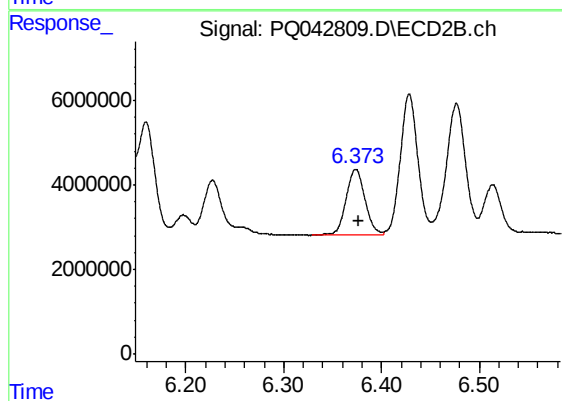
#12 AR-1232-2

R.T.: 6.159 min
Delta R.T.: -0.004 min
Response: 32214611
Conc: 421.71 ng/ml



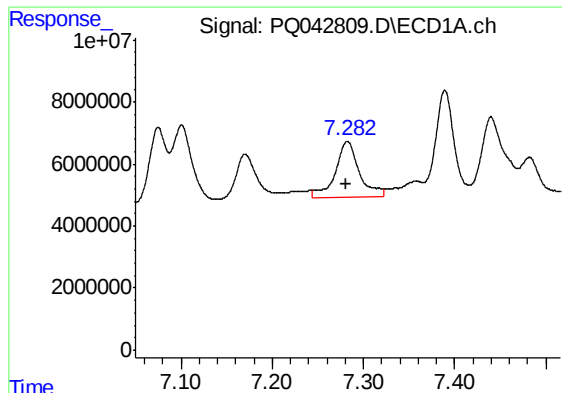
#13 AR-1232-3

R.T.: 7.101 min
Delta R.T.: 0.002 min
Response: 36764546
Conc: 439.79 ng/ml



#13 AR-1232-3

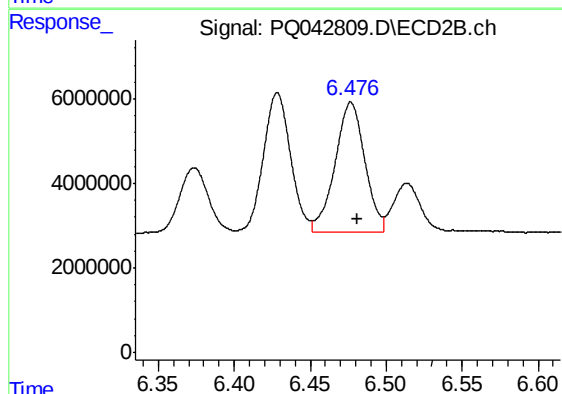
R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 20722888
Conc: 510.72 ng/ml



#14 AR-1232-4

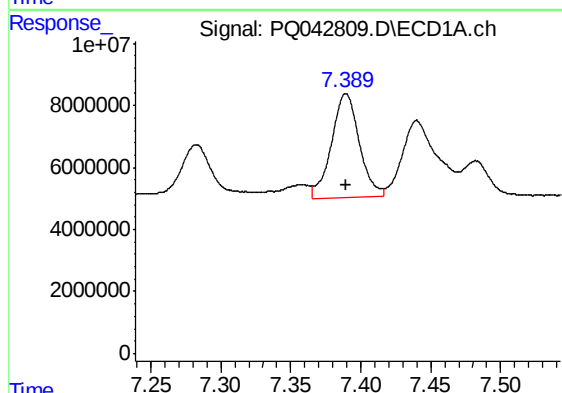
R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 32918053
Conc: 807.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



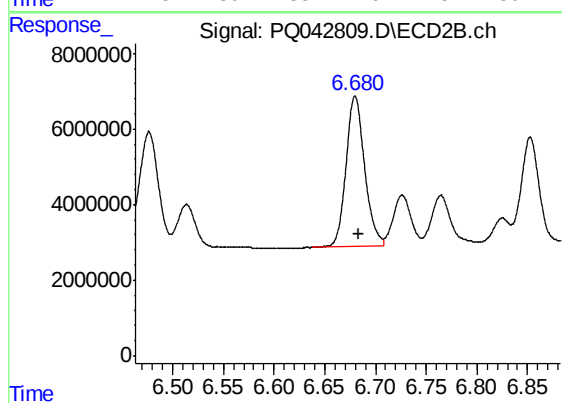
#14 AR-1232-4

R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 41854613
Conc: 1052.09 ng/ml



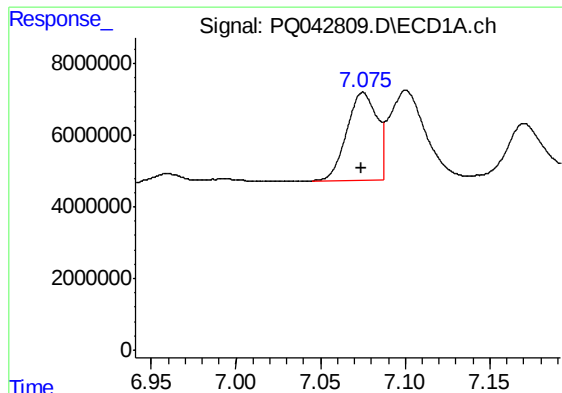
#15 AR-1232-5

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 46504226
Conc: 1901.31 ng/ml



#15 AR-1232-5

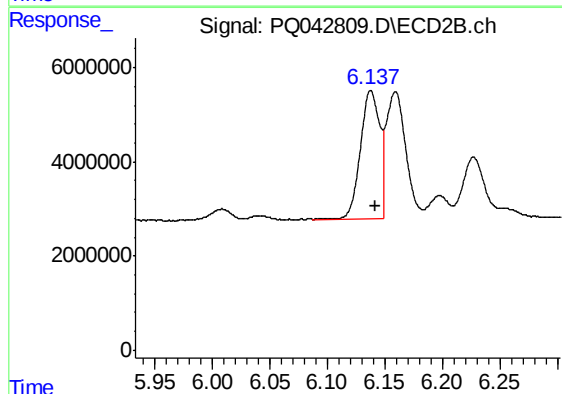
R.T.: 6.680 min
Delta R.T.: -0.003 min
Response: 50436589
Conc: 1271.88 ng/ml



#16 AR-1242-1

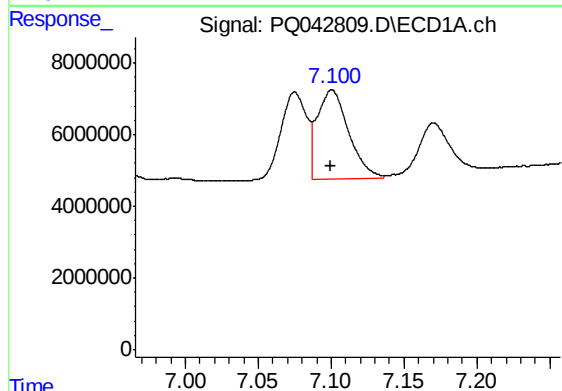
R.T.: 7.075 min
Delta R.T.: 0.001 min
Response: 30351610
Conc: 290.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



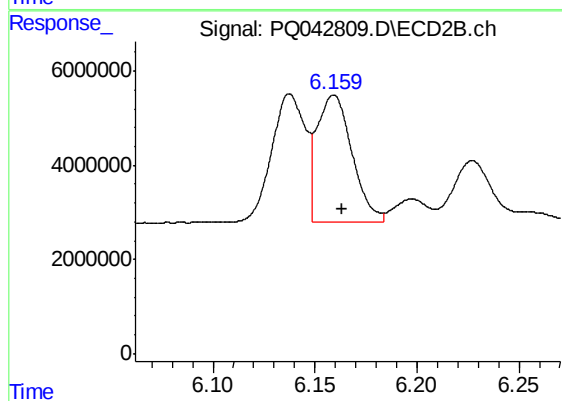
#16 AR-1242-1

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 31503955
Conc: 304.98 ng/ml



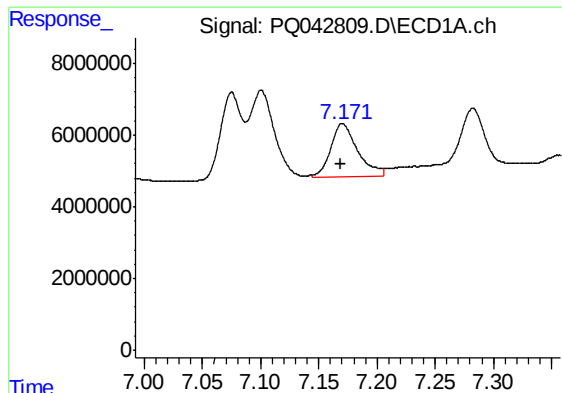
#17 AR-1242-2

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 36764546
Conc: 241.36 ng/ml



#17 AR-1242-2

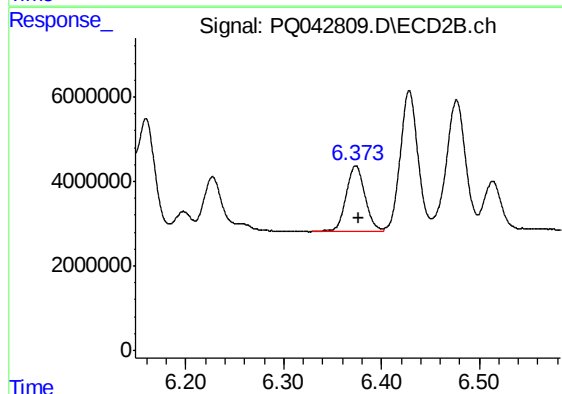
R.T.: 6.159 min
Delta R.T.: -0.004 min
Response: 32214611
Conc: 227.33 ng/ml



#18 AR-1242-3

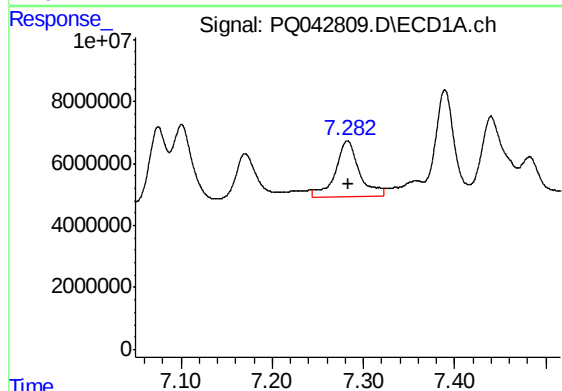
R.T.: 7.171 min
Delta R.T.: 0.002 min
Response: 24029812
Conc: 235.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



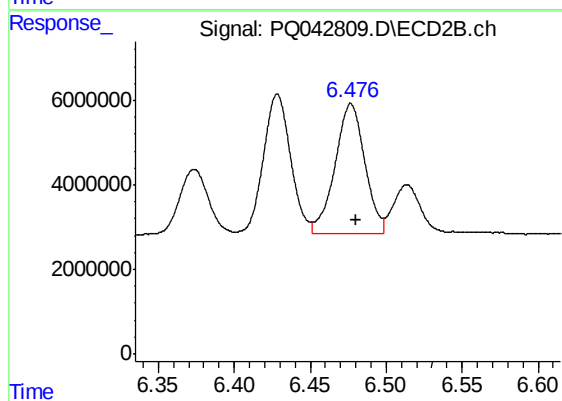
#18 AR-1242-3

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 20722888
Conc: 273.81 ng/ml



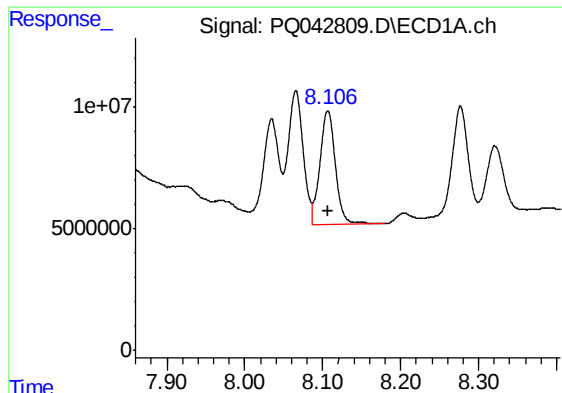
#19 AR-1242-4

R.T.: 7.282 min
Delta R.T.: -0.001 min
Response: 32918053
Conc: 428.00 ng/ml



#19 AR-1242-4

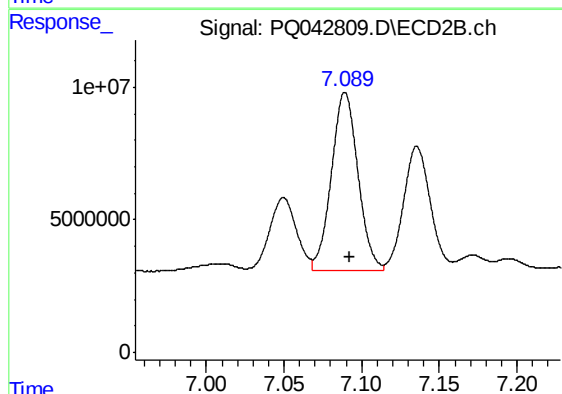
R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 41854613
Conc: 546.59 ng/ml



#20 AR-1242-5

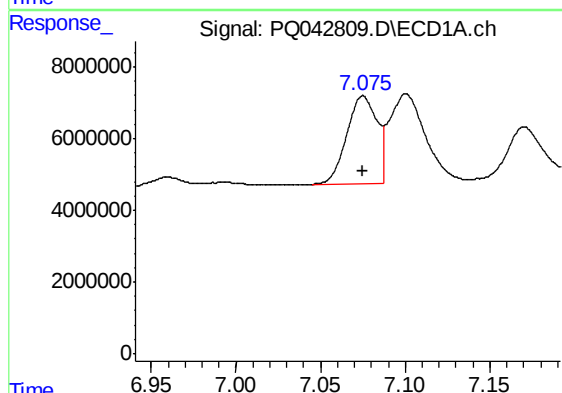
R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 64365230
Conc: 682.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



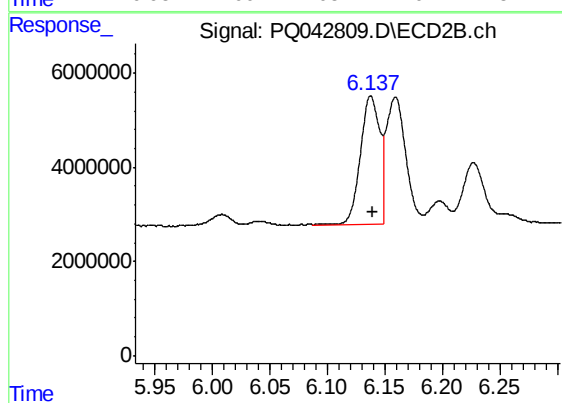
#20 AR-1242-5

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 79781232
Conc: 711.72 ng/ml



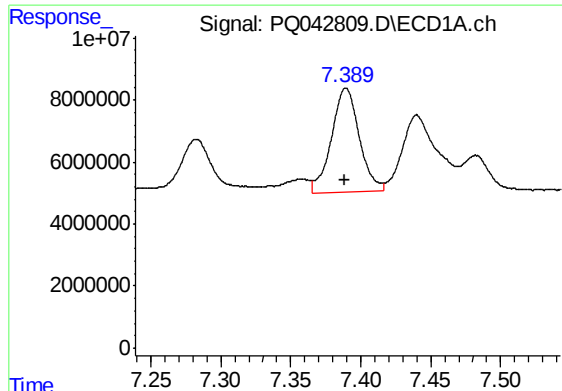
#21 AR-1248-1

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 30351610
Conc: 364.03 ng/ml



#21 AR-1248-1

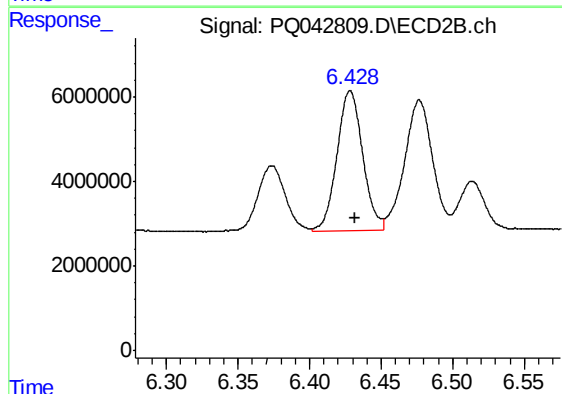
R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 31503955
Conc: 383.26 ng/ml



#22 AR-1248-2

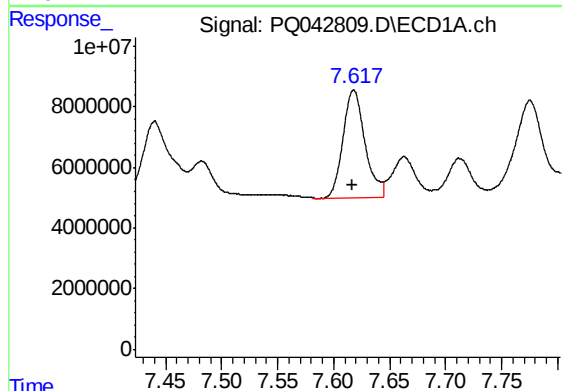
R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 46504226
Conc: 455.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



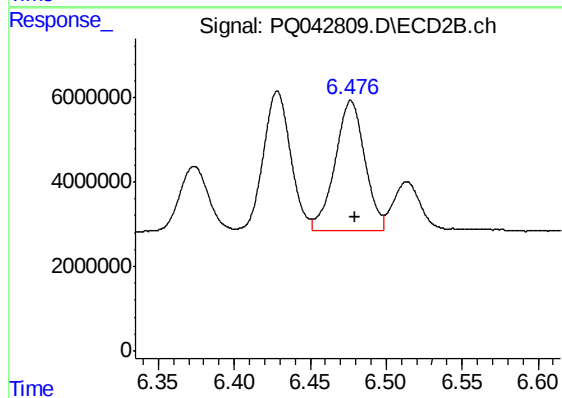
#22 AR-1248-2

R.T.: 6.428 min
Delta R.T.: -0.004 min
Response: 41357749
Conc: 375.42 ng/ml



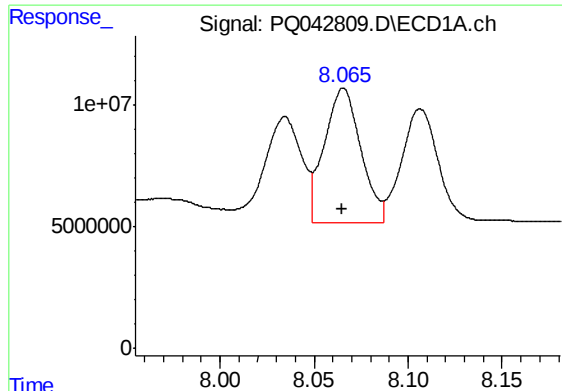
#23 AR-1248-3

R.T.: 7.618 min
Delta R.T.: 0.002 min
Response: 48344296
Conc: 380.97 ng/ml



#23 AR-1248-3

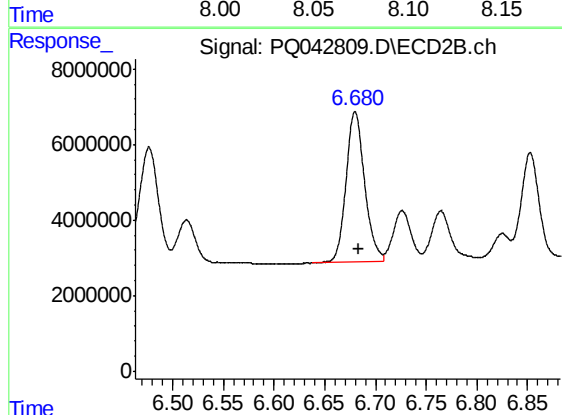
R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 41854613
Conc: 371.39 ng/ml



#24 AR-1248-4

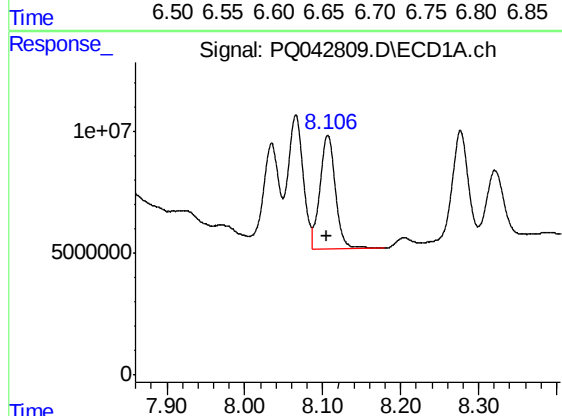
R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 74668986
Conc: 450.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



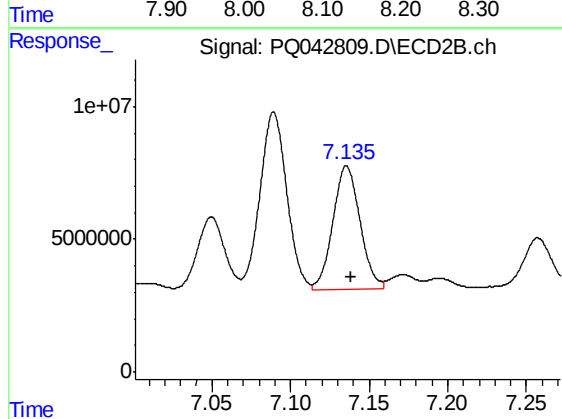
#24 AR-1248-4

R.T.: 6.680 min
Delta R.T.: -0.003 min
Response: 50436589
Conc: 369.18 ng/ml



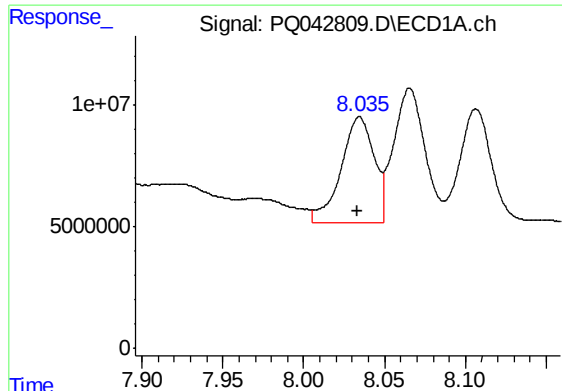
#25 AR-1248-5

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 64365230
Conc: 404.28 ng/ml



#25 AR-1248-5

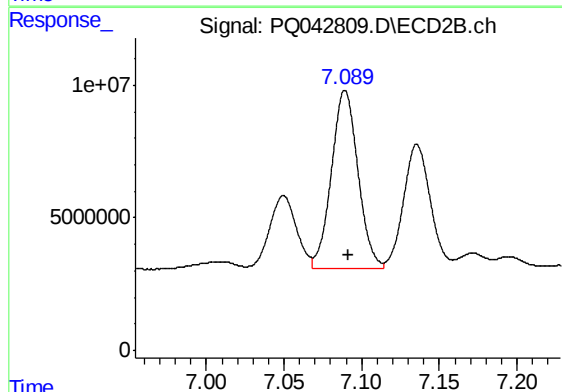
R.T.: 7.136 min
Delta R.T.: -0.002 min
Response: 55823381
Conc: 354.60 ng/ml



#26 AR-1254-1

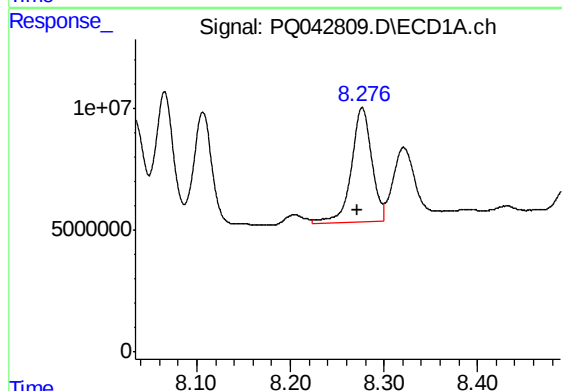
R.T.: 8.035 min
Delta R.T.: 0.002 min
Response: 62407272
Conc: 425.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



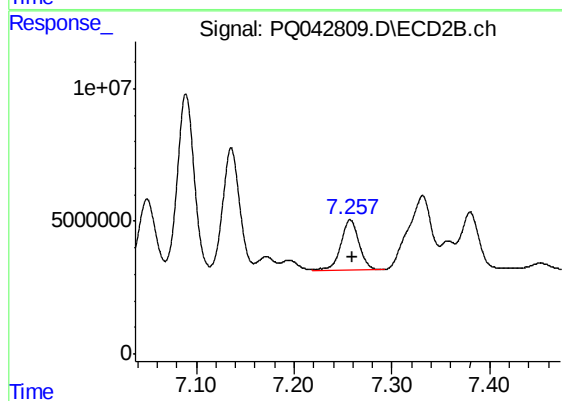
#26 AR-1254-1

R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 79781232
Conc: 353.57 ng/ml



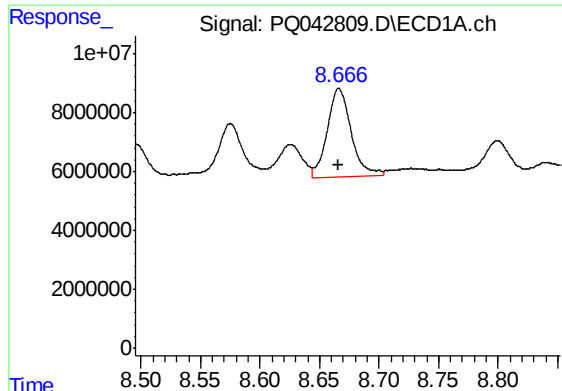
#27 AR-1254-2

R.T.: 8.277 min
Delta R.T.: 0.005 min
Response: 71879328
Conc: 299.65 ng/ml



#27 AR-1254-2

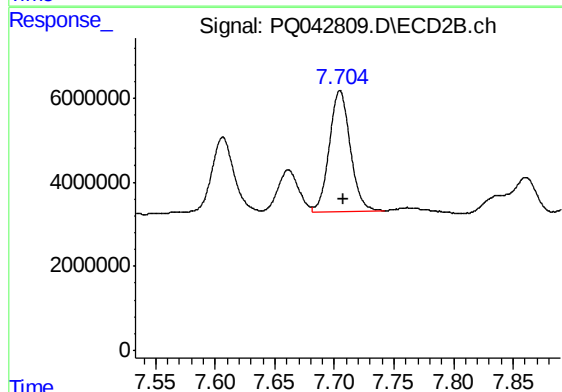
R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 24724414
Conc: 122.27 ng/ml



#28 AR-1254-3

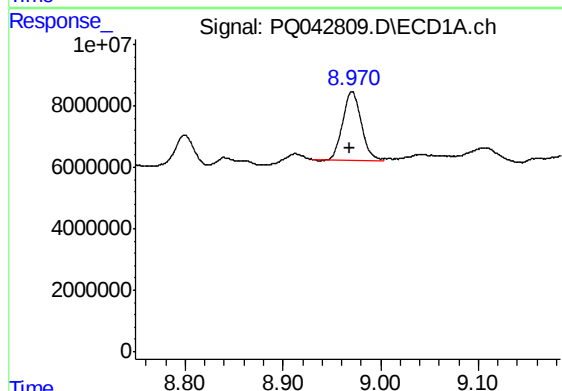
R.T.: 8.666 min
Delta R.T.: 0.000 min
Response: 42076400
Conc: 147.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



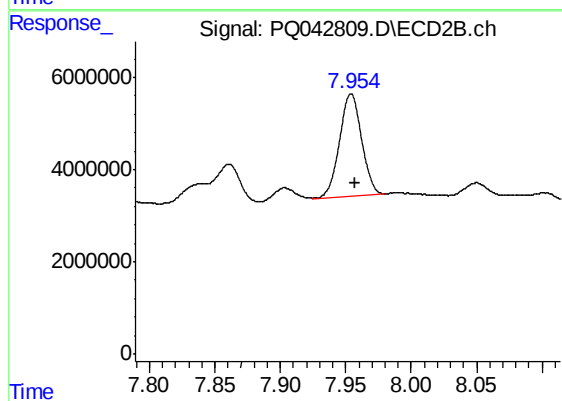
#28 AR-1254-3

R.T.: 7.705 min
Delta R.T.: -0.002 min
Response: 35095372
Conc: 99.66 ng/ml



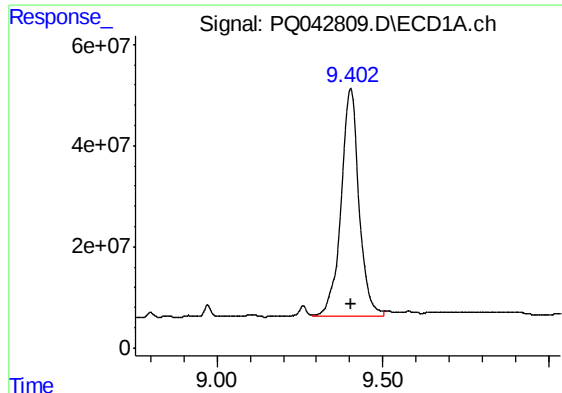
#29 AR-1254-4

R.T.: 8.971 min
Delta R.T.: 0.003 min
Response: 29412841
Conc: 123.36 ng/ml



#29 AR-1254-4

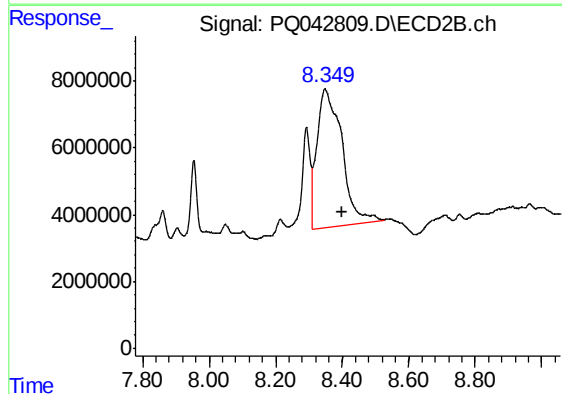
R.T.: 7.954 min
Delta R.T.: -0.002 min
Response: 25891653
Conc: 100.90 ng/ml



#30 AR-1254-5

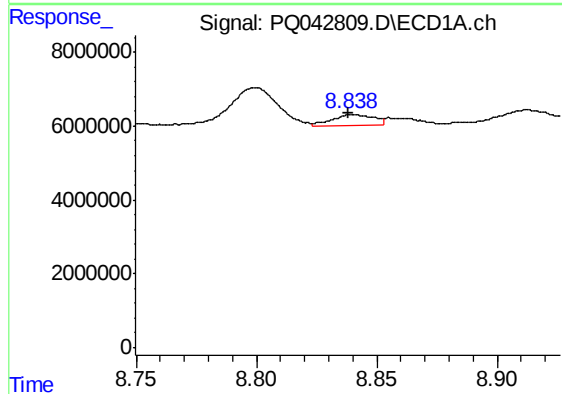
R.T.: 9.402 min
Delta R.T.: -0.004 min
Response: 1697461600
Conc: 6574.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



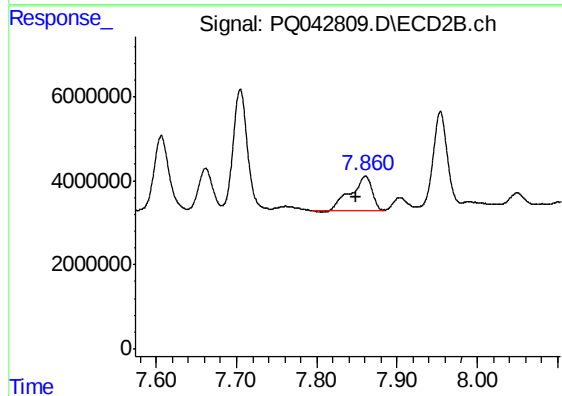
#30 AR-1254-5

R.T.: 8.349 min
Delta R.T.: -0.053 min
Response: 214160817
Conc: 589.38 ng/ml



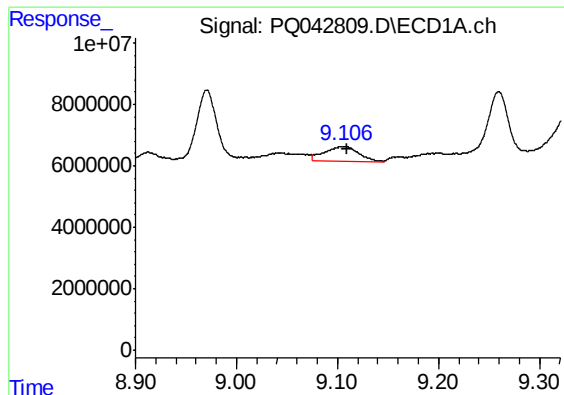
#31 AR-1260-1

R.T.: 8.839 min
Delta R.T.: 0.001 min
Response: 3392055
Conc: 19.24 ng/ml



#31 AR-1260-1

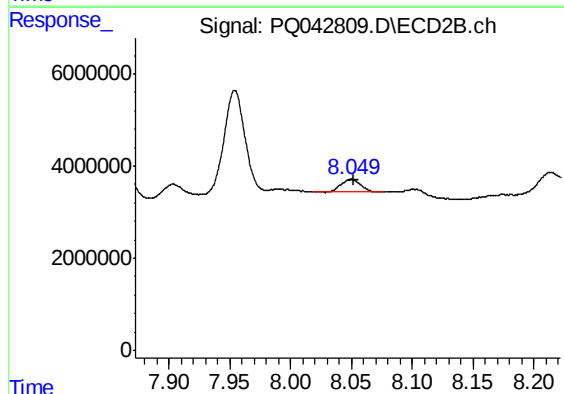
R.T.: 7.861 min
Delta R.T.: 0.011 min
Response: 15064532
Conc: 73.84 ng/ml



#32 AR-1260-2

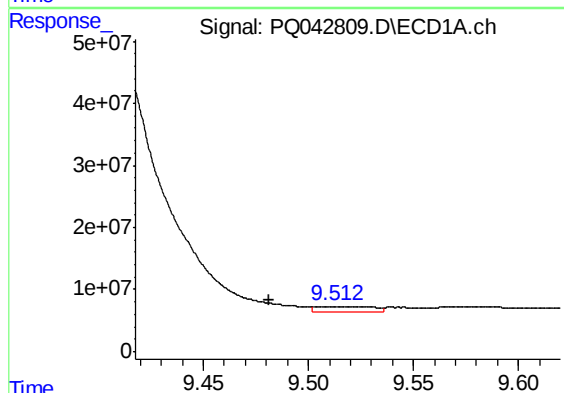
R.T.: 9.105 min
Delta R.T.: -0.004 min
Response: 10638651
Conc: 44.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



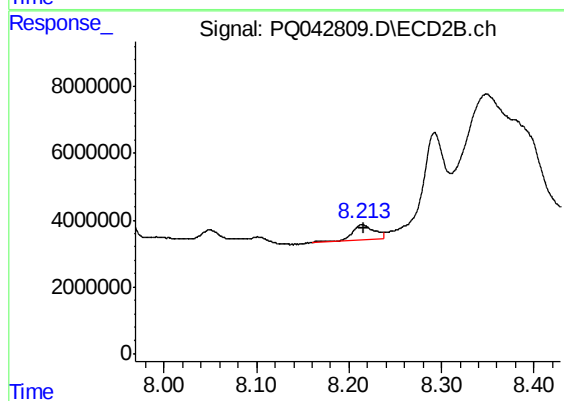
#32 AR-1260-2

R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 3061049
Conc: 11.43 ng/ml



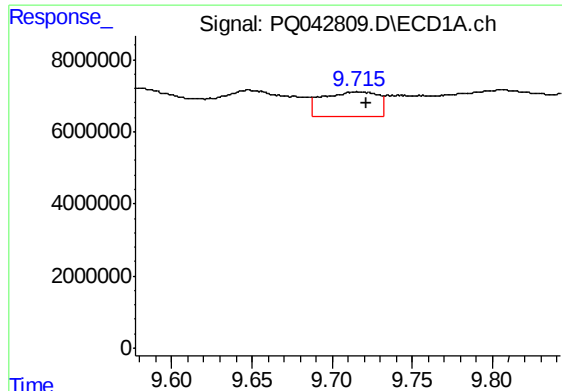
#33 AR-1260-3

R.T.: 9.513 min
Delta R.T.: 0.031 min
Response: 17901961
Conc: 82.80 ng/ml



#33 AR-1260-3

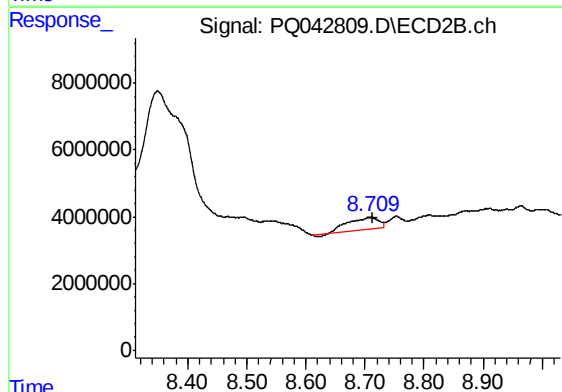
R.T.: 8.214 min
Delta R.T.: -0.002 min
Response: 7458627
Conc: 31.29 ng/ml



#34 AR-1260-4

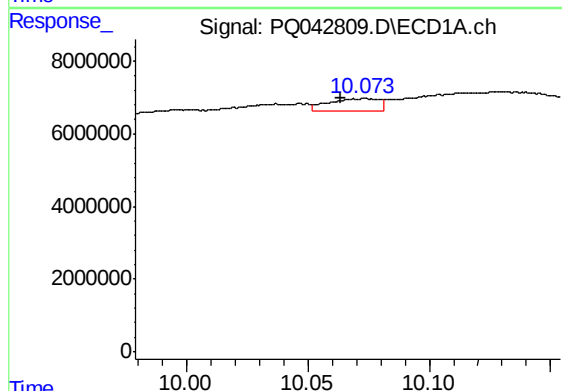
R.T.: 9.716 min
Delta R.T.: -0.006 min
Response: 16193177
Conc: 66.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



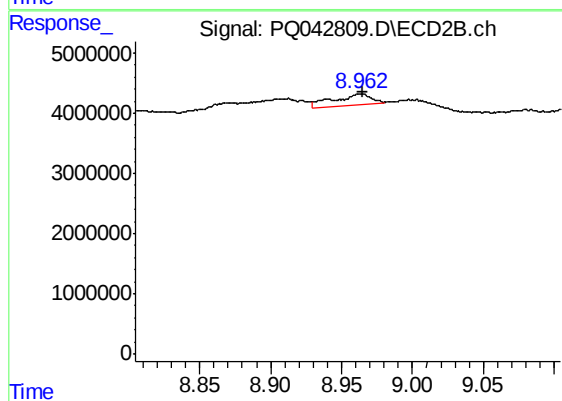
#34 AR-1260-4

R.T.: 8.709 min
Delta R.T.: -0.004 min
Response: 12695090
Conc: 56.00 ng/ml



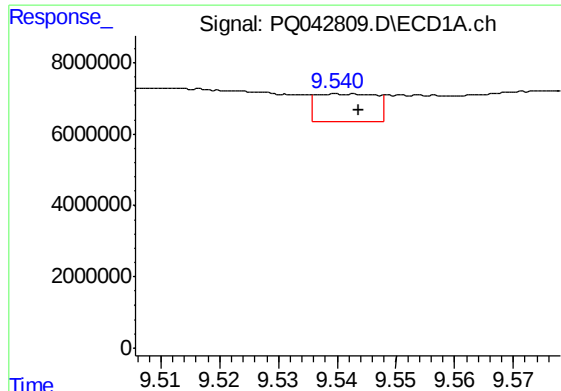
#35 AR-1260-5

R.T.: 10.073 min
Delta R.T.: 0.010 min
Response: 4859864
Conc: 8.19 ng/ml



#35 AR-1260-5

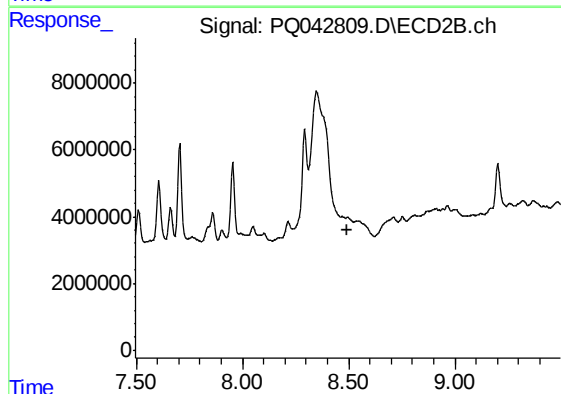
R.T.: 8.963 min
Delta R.T.: -0.002 min
Response: 3357070
Conc: 5.39 ng/ml



#36 AR-1262-1

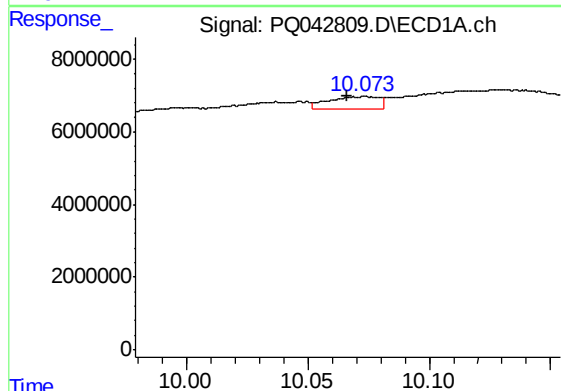
R.T.: 9.540 min
Delta R.T.: -0.004 min
Response: 5541755
Conc: 38.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



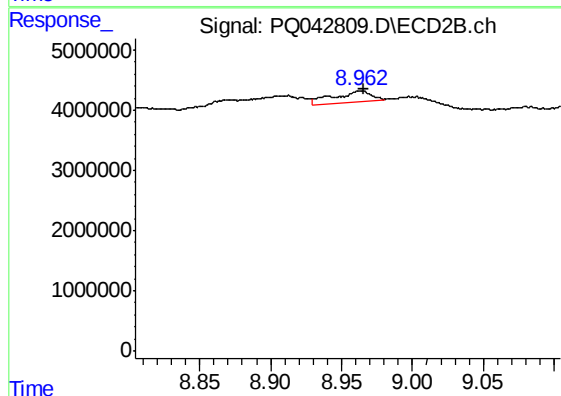
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.496 min
Response: 0
Conc: N.D.



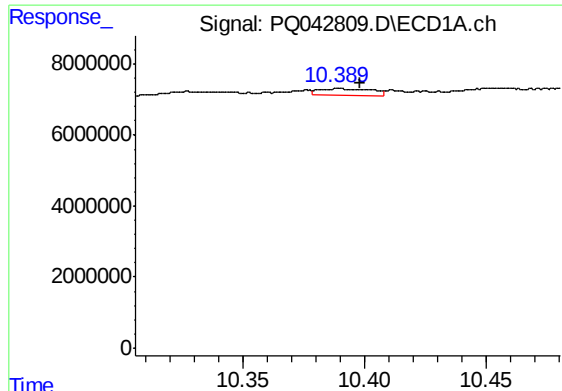
#37 AR-1262-2

R.T.: 10.073 min
Delta R.T.: 0.007 min
Response: 4859864
Conc: 6.46 ng/ml



#37 AR-1262-2

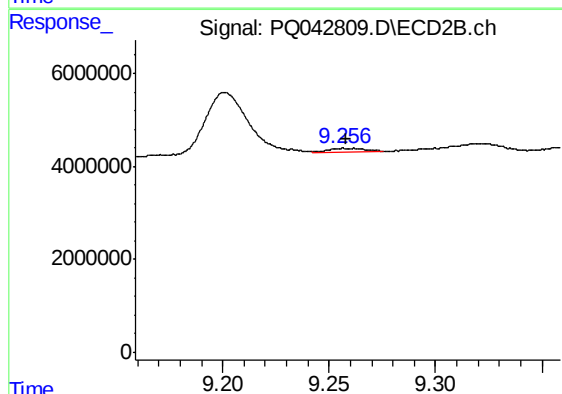
R.T.: 8.963 min
Delta R.T.: -0.003 min
Response: 3357070
Conc: 4.02 ng/ml



#38 AR-1262-3

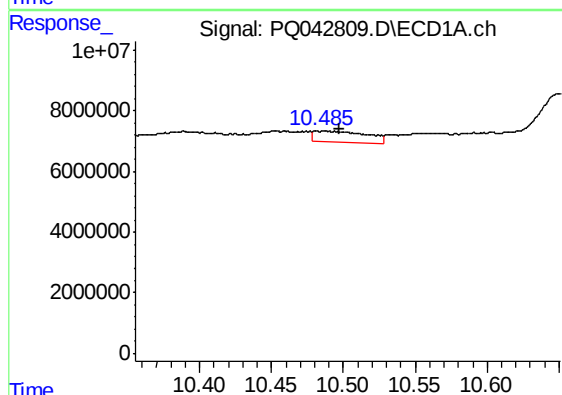
R.T.: 10.389 min
Delta R.T.: -0.009 min
Response: 2795791
Conc: 5.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



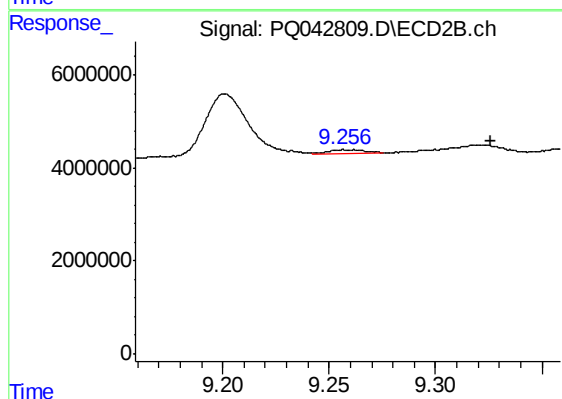
#38 AR-1262-3

R.T.: 9.257 min
Delta R.T.: -0.001 min
Response: 1078376
Conc: 3.03 ng/ml



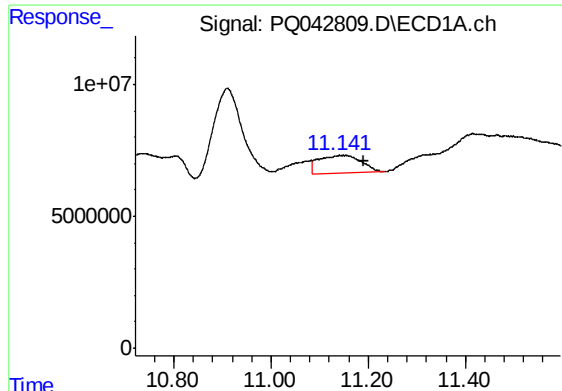
#39 AR-1262-4

R.T.: 10.482 min
Delta R.T.: -0.015 min
Response: 9245069
Conc: 21.27 ng/ml



#39 AR-1262-4

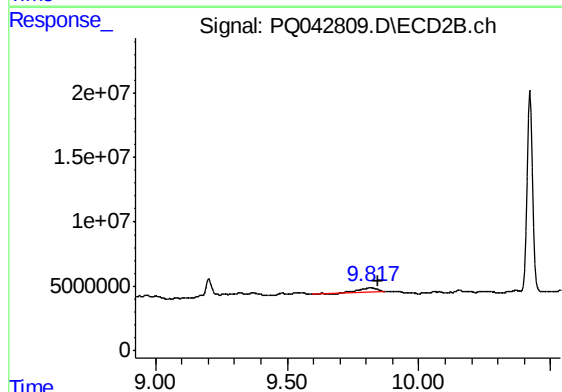
R.T.: 9.257 min
Delta R.T.: -0.069 min
Response: 1078376
Conc: 1.67 ng/ml



#40 AR-1262-5

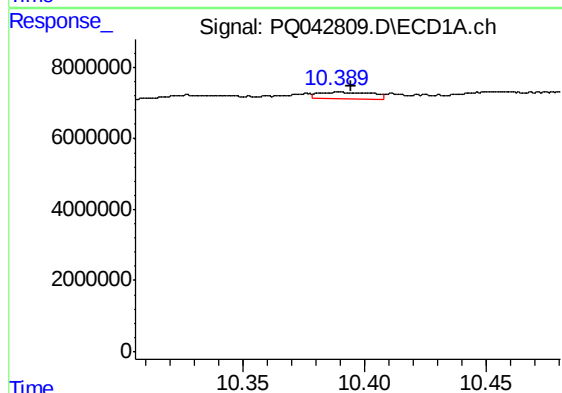
R.T.: 11.141 min
Delta R.T.: -0.051 min
Response: 41108417
Conc: 119.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



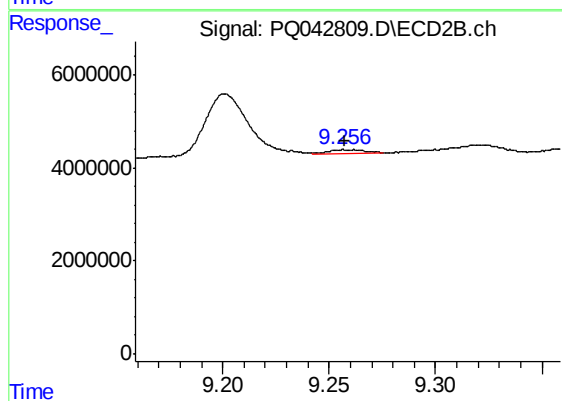
#40 AR-1262-5

R.T.: 9.817 min
Delta R.T.: -0.027 min
Response: 17533144
Conc: 55.43 ng/ml



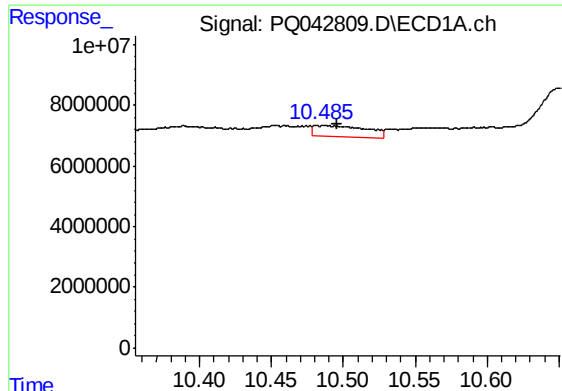
#41 AR-1268-1

R.T.: 10.389 min
Delta R.T.: -0.005 min
Response: 2795791
Conc: 2.92 ng/ml



#41 AR-1268-1

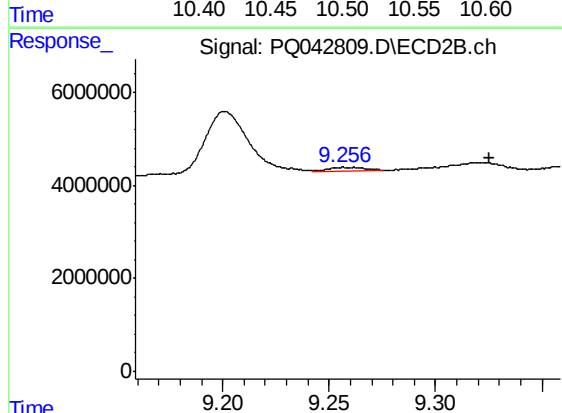
R.T.: 9.257 min
Delta R.T.: 0.000 min
Response: 1078376
Conc: 1.07 ng/ml



#42 AR-1268-2

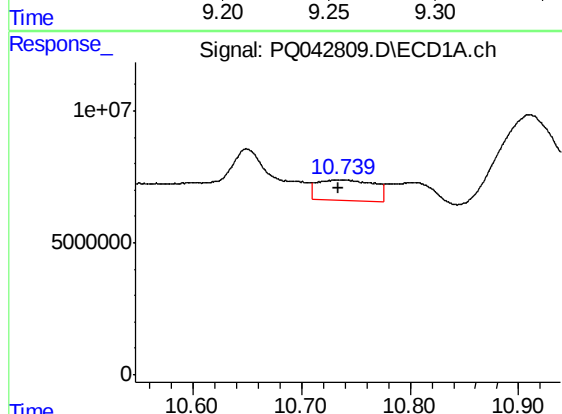
R.T.: 10.482 min
Delta R.T.: -0.014 min
Response: 9245069
Conc: 9.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



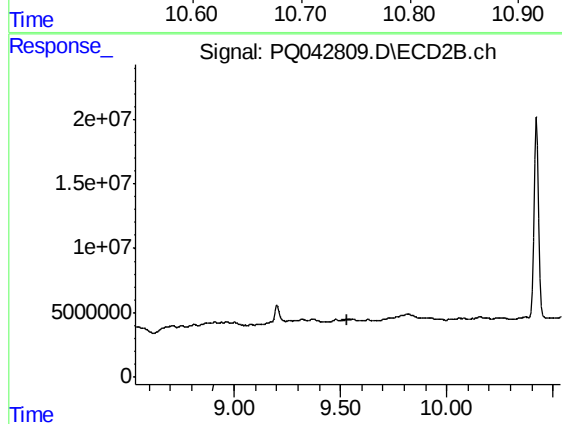
#42 AR-1268-2

R.T.: 9.257 min
Delta R.T.: -0.068 min
Response: 1078376
Conc: 1.15 ng/ml



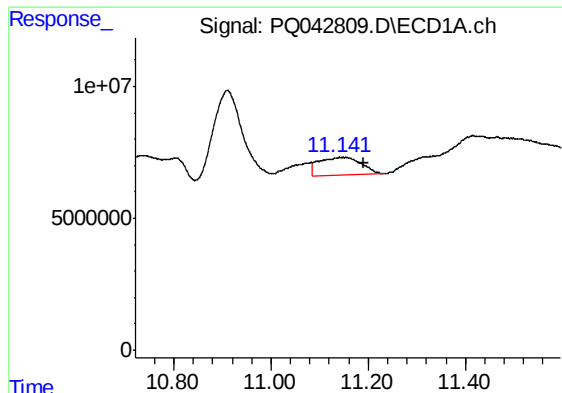
#43 AR-1268-3

R.T.: 10.740 min
Delta R.T.: 0.006 min
Response: 28502031
Conc: 35.17 ng/ml



#43 AR-1268-3

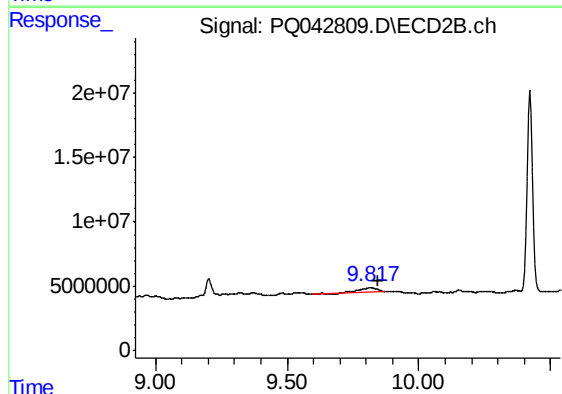
R.T.: 0.000 min
Exp R.T. : 9.535 min
Response: 0
Conc: N.D.



#44 AR-1268-4

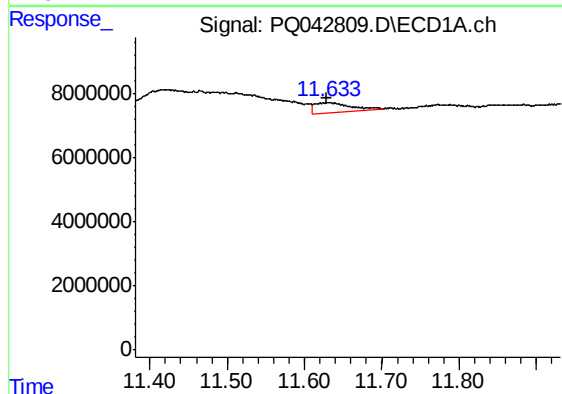
R.T.: 11.141 min
Delta R.T.: -0.049 min
Response: 41108417
Conc: 110.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248316



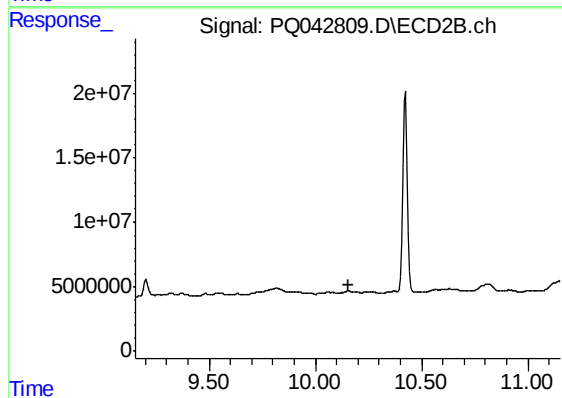
#44 AR-1268-4

R.T.: 9.817 min
Delta R.T.: -0.026 min
Response: 17533144
Conc: 51.23 ng/ml



#45 AR-1268-5

R.T.: 11.633 min
Delta R.T.: 0.005 min
Response: 9549721
Conc: 3.37 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.153 min
Response: 0
Conc: N.D.