

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042319\
 Data File : PQ039221.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2019 10:28
 Operator : AJ\SJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 21:40:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ040419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 05 05:12:40 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...	0.000	4.803	0	296108	N.D.	0.130 #
2)	SA Decachlor...	12.156	10.608	235372	135811	0.036	0.040
Target Compounds							
3)	L1 AR-1016-1	7.186	6.279	1308537	333817	4.839	2.239 #
4)	L1 AR-1016-2	7.186	6.279	1308537	333817	3.234	1.539 #
5)	L1 AR-1016-3	7.291	6.523	1015655	293282	3.968	2.601 #
6)	L1 AR-1016-4	7.372	6.581	2028554	546145	9.708	6.319 #
7)	L1 AR-1016-5	7.740	6.813	1518993	374705	7.056	2.902 #
9)	L2 AR-1221-2	6.119	5.249	2116031	68451	52.683	3.286 #
10)	L2 AR-1221-3	6.214	5.340	4095610	187943	29.009	2.560 #
11)	L3 AR-1232-1	6.214	5.340	4095610	187943	42.235	3.647 #
12)	L3 AR-1232-2	6.827	6.279	3146344	333817	56.132	5.736 #
13)	L3 AR-1232-3	7.186	6.523	1308537	293282	12.277	9.651
14)	L3 AR-1232-4	7.372	6.634	2028554	1254980	36.654	44.922
15)	L3 AR-1232-5	7.473	6.813	1759791	374705	45.121	11.422 #
16)	L4 AR-1242-1	7.186	6.279	1308537	333817	8.575	3.852 #
17)	L4 AR-1242-2	7.186	6.279	1308537	333817	5.818	2.677 #
18)	L4 AR-1242-3	7.255	6.523	3070241	293282	21.671	4.376 #
19)	L4 AR-1242-4	7.372	6.634	2028554	1254980	17.533	18.579
20)	L4 AR-1242-5	8.227	0.000	549106	0	4.044	N.D. #
21)	L5 AR-1248-1	7.186	6.279	1308537	333817	12.414	5.536 #
22)	L5 AR-1248-2	7.473	6.581	1759791	546145	11.754	6.454 #
23)	L5 AR-1248-3	7.740	6.634	1518993	1254980	8.310	14.131 #
24)	L5 AR-1248-4	8.137	6.813	2252154	374705	11.083	3.268 #
25)	L5 AR-1248-5	8.227	7.298	549106	1672927	2.706	14.531 #
26)	L6 AR-1254-1	8.137	0.000	2252154	0	10.437	N.D. #
27)	L6 AR-1254-2	8.362	7.379	90707	721536	0.268	4.458 #
28)	L6 AR-1254-3	8.766	7.825	2267107	1130071	6.100	4.000 #
29)	L6 AR-1254-4	9.120	8.059	10427294	846216	40.889	5.100 #
30)	L6 AR-1254-5	0.000	8.534	0	55980	N.D.	0.227 #
31)	L7 AR-1260-1	8.884	7.972	4753754	1192452	9.938	3.936 #
32)	L7 AR-1260-2	9.193	8.170	2589869	1305105	4.560	3.523
33)	L7 AR-1260-3	9.631	8.335	14574285	194370	33.452	0.554 #
34)	L7 AR-1260-4	9.818	8.863	7097271	92224	13.829	0.319 #
35)	L7 AR-1260-5	10.161	9.105	1373020	87019	1.322	0.123 #
36)	L8 AR-1262-1	9.631	8.556	14574285	144649	39.234	0.552 #
37)	L8 AR-1262-2	10.161	9.105	1373020	87019	2.077	0.182 #
38)	L8 AR-1262-3	0.000	9.441	0	419093	N.D.	2.159 #
39)	L8 AR-1262-4	10.597	9.441	237745	419093	0.663	1.138 #
40)	L8 AR-1262-5	0.000	9.976	0	191938	N.D.	1.271 #
41)	L9 AR-1268-1	0.000	9.441	0	419093	N.D.	0.415 #
42)	L9 AR-1268-2	10.597	9.441	237745	419093	0.172	0.449 #

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Instrument :
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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
43) L9	AR-1268-3	10.903	0.000	894897	0	0.730	N.D. #
44) L9	AR-1268-4	0.000	9.976	0	191938	N.D.	0.617 #
45) L9	AR-1268-5	11.815	10.315	1250450	316396	0.296	0.127 #

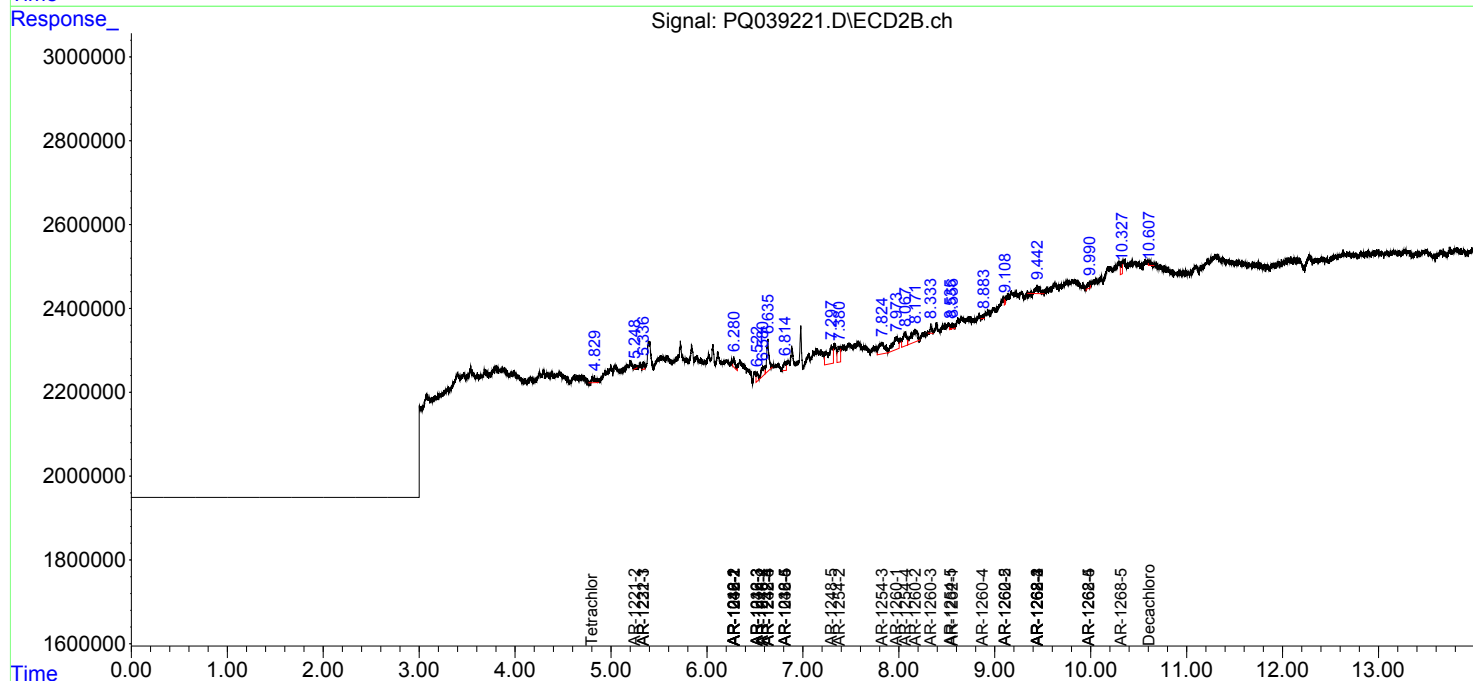
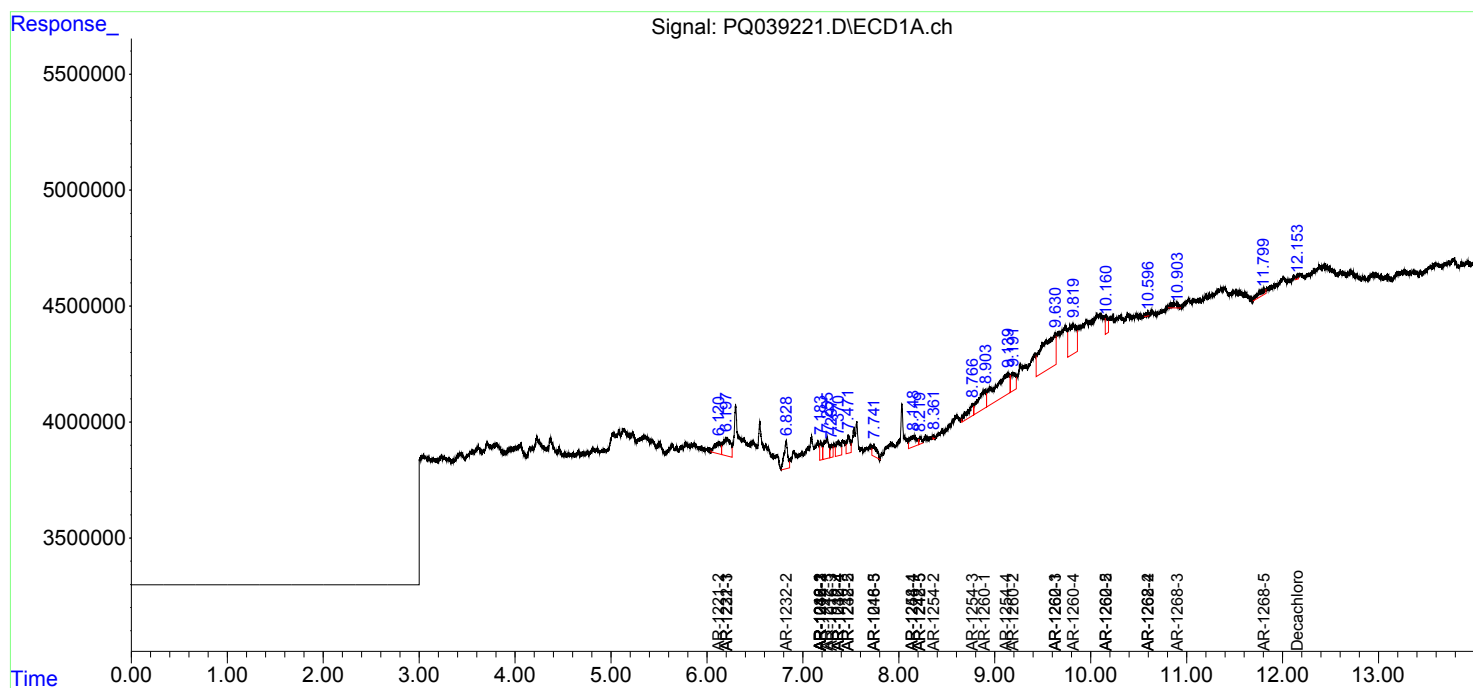
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

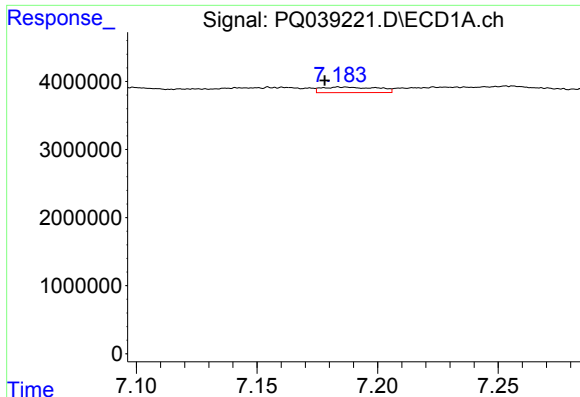
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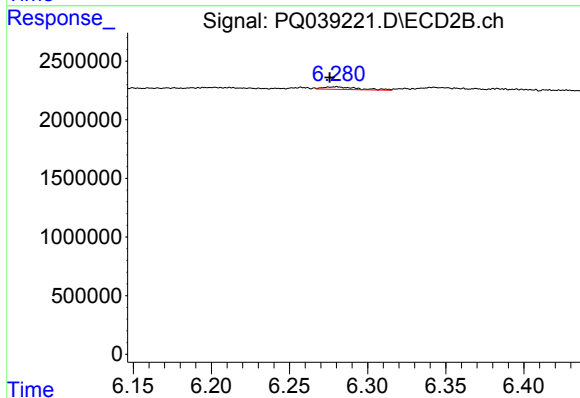




#3 AR-1016-1

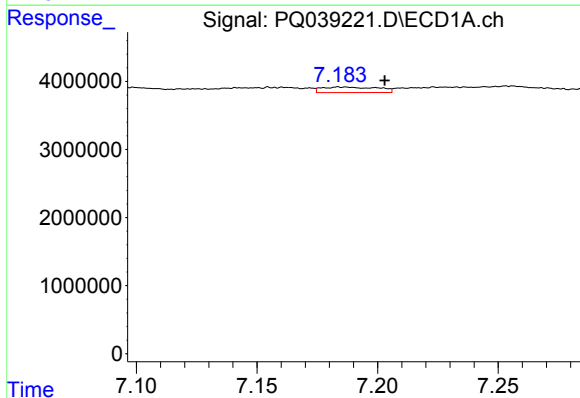
R.T.: 7.186 min
Delta R.T.: 0.008 min
Response: 1308537
Conc: 4.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



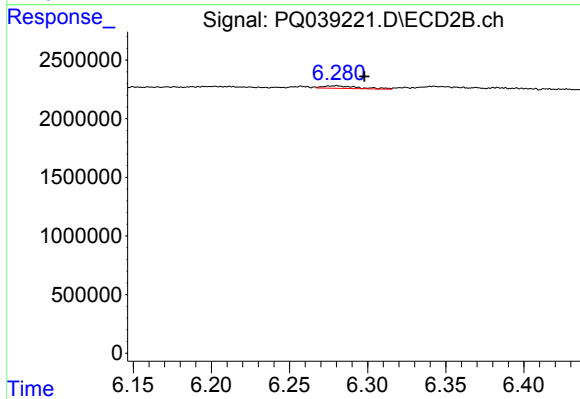
#3 AR-1016-1

R.T.: 6.279 min
Delta R.T.: 0.003 min
Response: 333817
Conc: 2.24 ng/ml



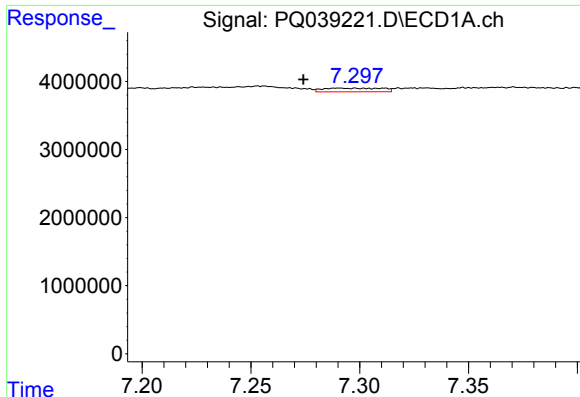
#4 AR-1016-2

R.T.: 7.186 min
Delta R.T.: -0.017 min
Response: 1308537
Conc: 3.23 ng/ml



#4 AR-1016-2

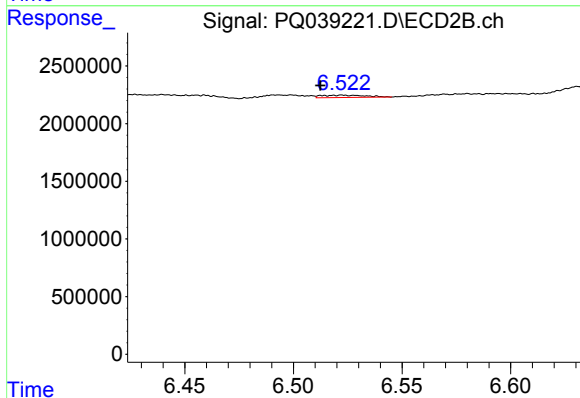
R.T.: 6.279 min
Delta R.T.: -0.019 min
Response: 333817
Conc: 1.54 ng/ml



#5 AR-1016-3

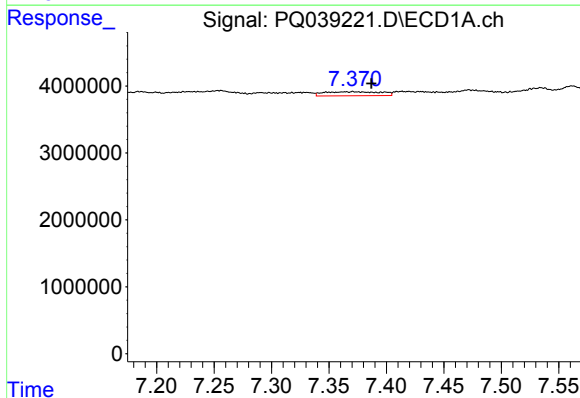
R.T.: 7.291 min
Delta R.T.: 0.017 min
Response: 1015655
Conc: 3.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



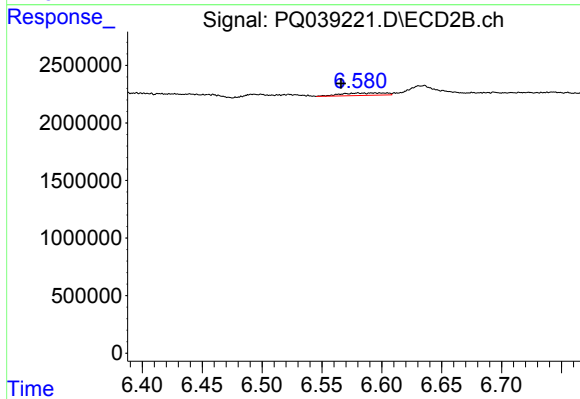
#5 AR-1016-3

R.T.: 6.523 min
Delta R.T.: 0.010 min
Response: 293282
Conc: 2.60 ng/ml



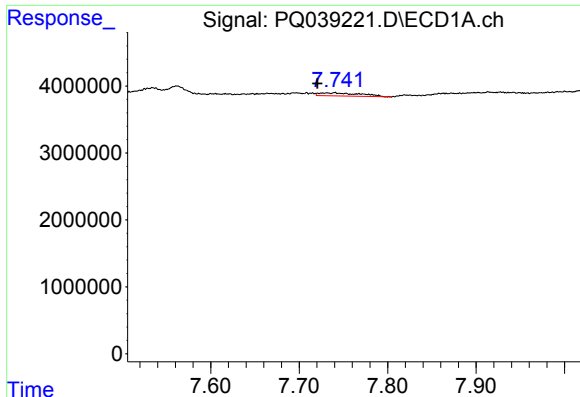
#6 AR-1016-4

R.T.: 7.372 min
Delta R.T.: -0.015 min
Response: 2028554
Conc: 9.71 ng/ml



#6 AR-1016-4

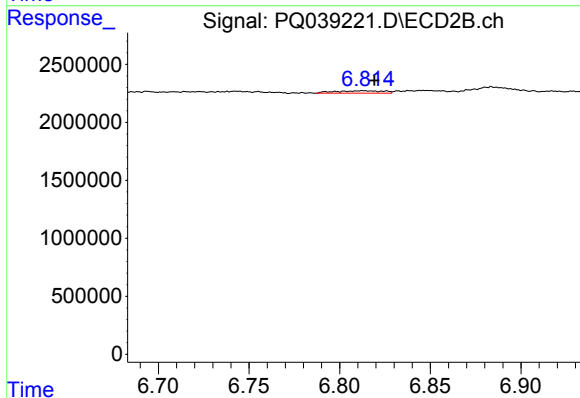
R.T.: 6.581 min
Delta R.T.: 0.015 min
Response: 546145
Conc: 6.32 ng/ml



#7 AR-1016-5

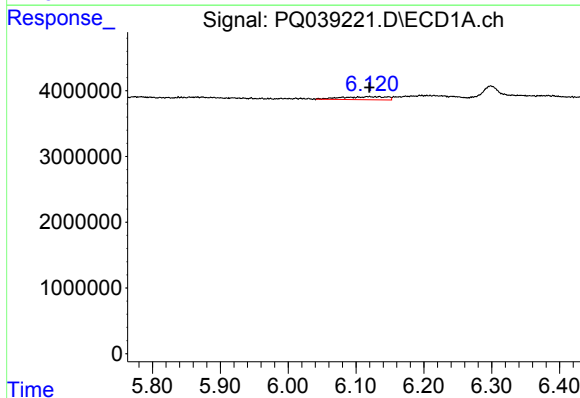
R.T.: 7.740 min
Delta R.T.: 0.020 min
Response: 1518993
Conc: 7.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



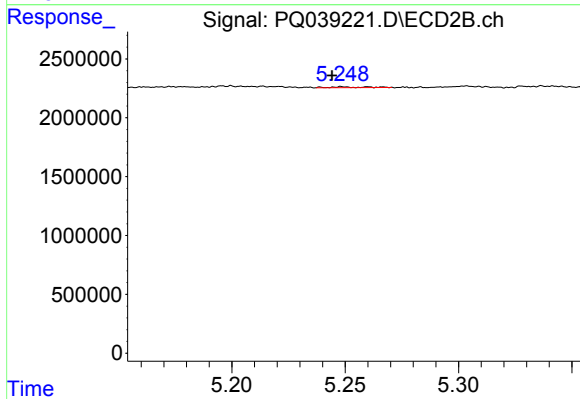
#7 AR-1016-5

R.T.: 6.813 min
Delta R.T.: -0.006 min
Response: 374705
Conc: 2.90 ng/ml



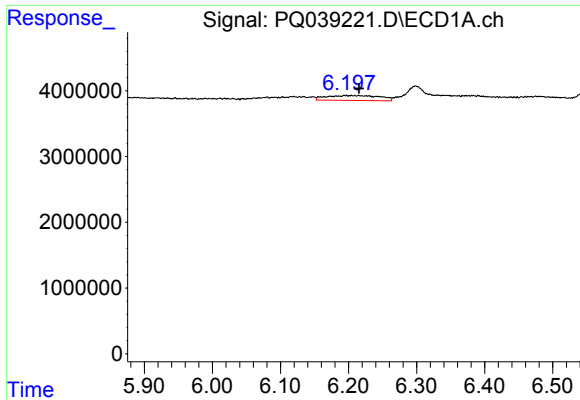
#9 AR-1221-2

R.T.: 6.119 min
Delta R.T.: -0.001 min
Response: 2116031
Conc: 52.68 ng/ml



#9 AR-1221-2

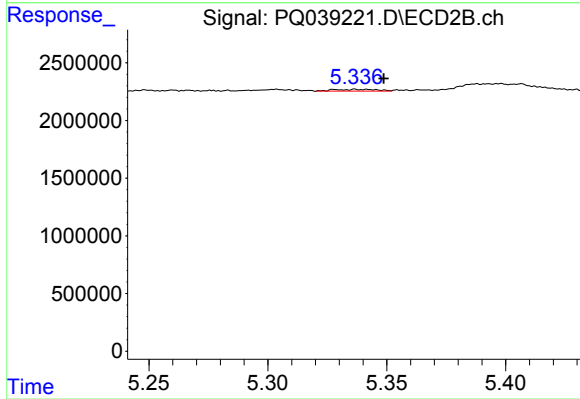
R.T.: 5.249 min
Delta R.T.: 0.004 min
Response: 68451
Conc: 3.29 ng/ml



#10 AR-1221-3

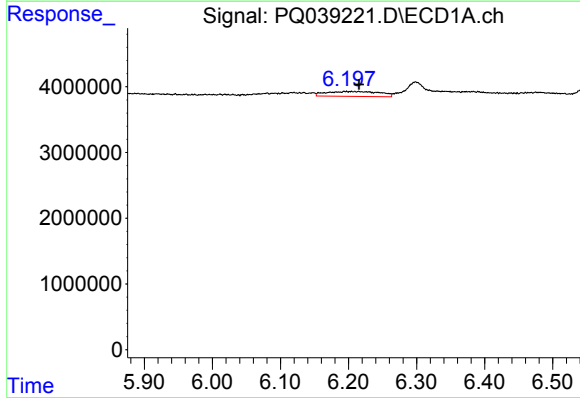
R.T.: 6.214 min
Delta R.T.: -0.001 min
Response: 4095610
Conc: 29.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



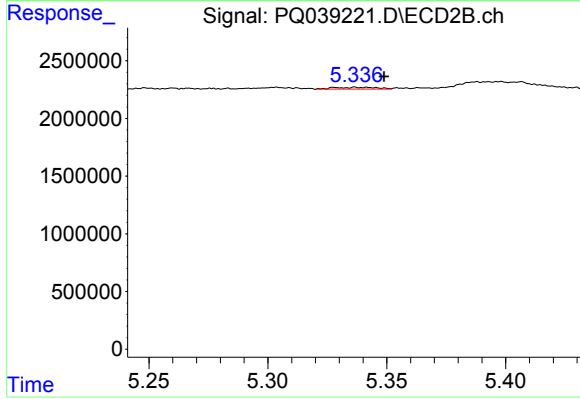
#10 AR-1221-3

R.T.: 5.340 min
Delta R.T.: -0.009 min
Response: 187943
Conc: 2.56 ng/ml



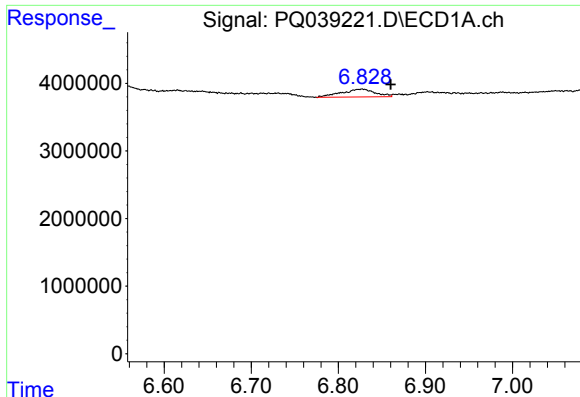
#11 AR-1232-1

R.T.: 6.214 min
Delta R.T.: -0.001 min
Response: 4095610
Conc: 42.23 ng/ml



#11 AR-1232-1

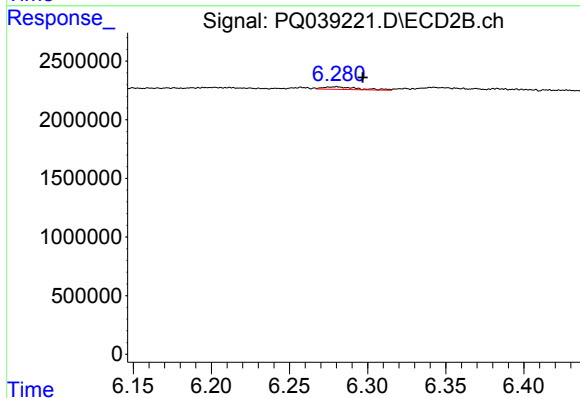
R.T.: 5.340 min
Delta R.T.: -0.009 min
Response: 187943
Conc: 3.65 ng/ml



#12 AR-1232-2

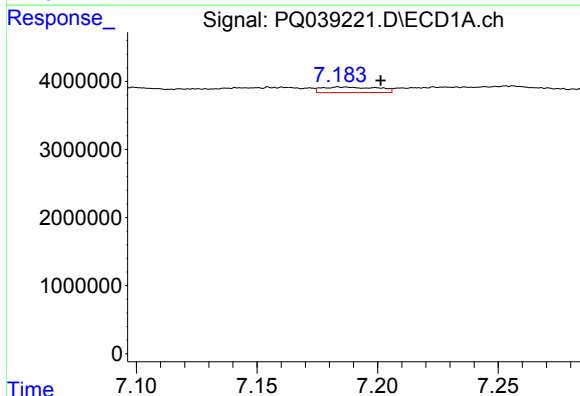
R.T.: 6.827 min
Delta R.T.: -0.033 min
Response: 3146344
Conc: 56.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



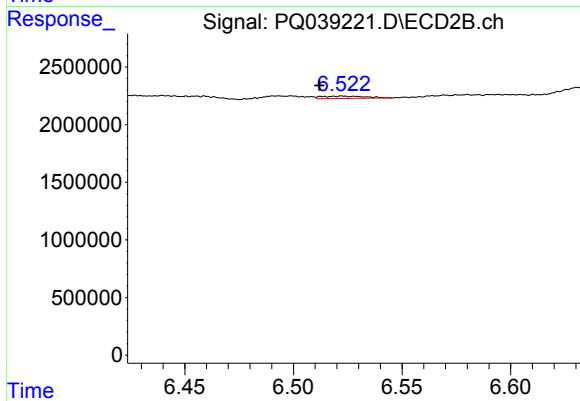
#12 AR-1232-2

R.T.: 6.279 min
Delta R.T.: -0.018 min
Response: 333817
Conc: 5.74 ng/ml



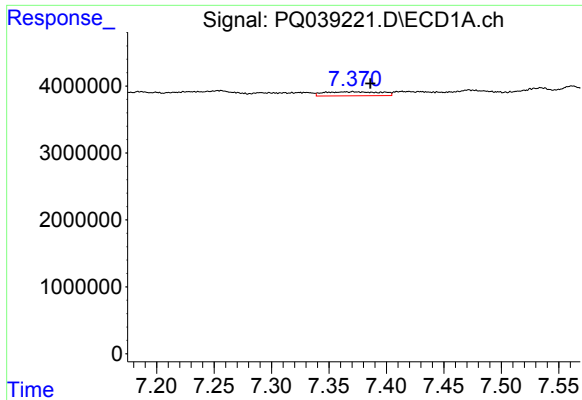
#13 AR-1232-3

R.T.: 7.186 min
Delta R.T.: -0.015 min
Response: 1308537
Conc: 12.28 ng/ml



#13 AR-1232-3

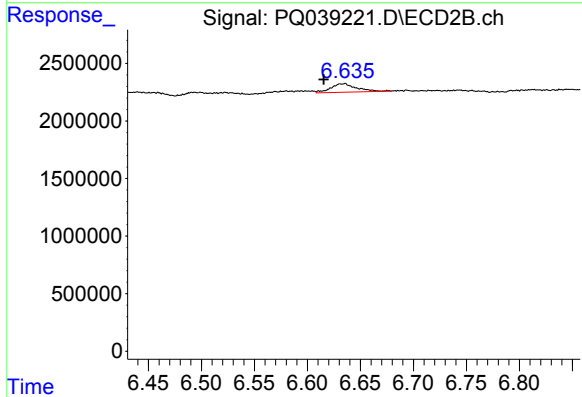
R.T.: 6.523 min
Delta R.T.: 0.010 min
Response: 293282
Conc: 9.65 ng/ml



#14 AR-1232-4

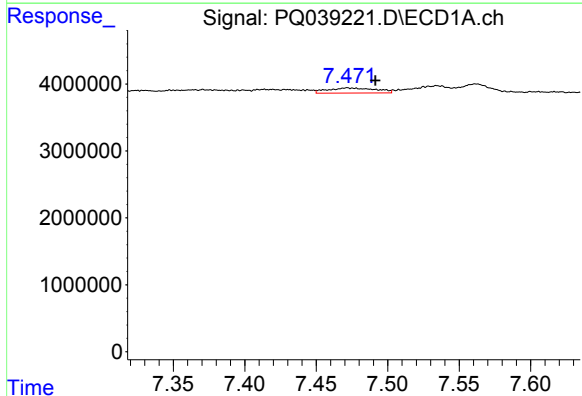
R.T.: 7.372 min
Delta R.T.: -0.014 min
Response: 2028554
Conc: 36.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



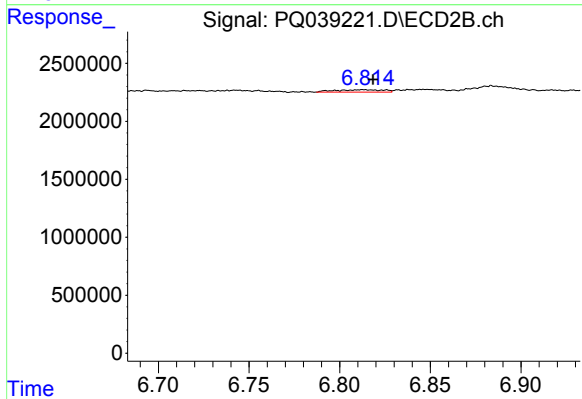
#14 AR-1232-4

R.T.: 6.634 min
Delta R.T.: 0.018 min
Response: 1254980
Conc: 44.92 ng/ml



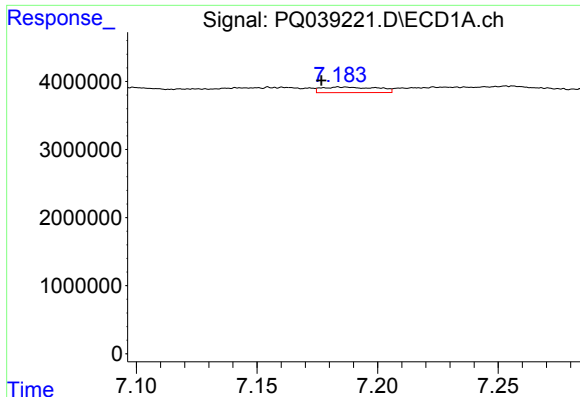
#15 AR-1232-5

R.T.: 7.473 min
Delta R.T.: -0.019 min
Response: 1759791
Conc: 45.12 ng/ml



#15 AR-1232-5

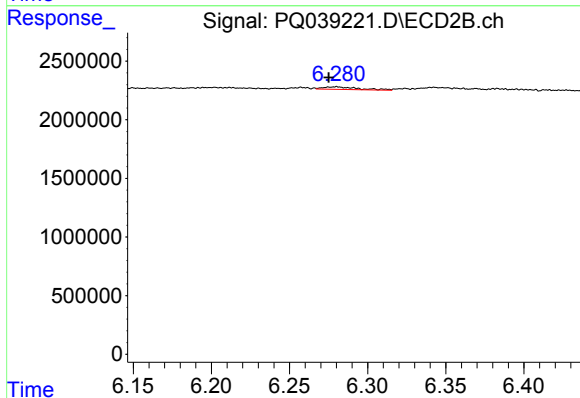
R.T.: 6.813 min
Delta R.T.: -0.005 min
Response: 374705
Conc: 11.42 ng/ml



#16 AR-1242-1

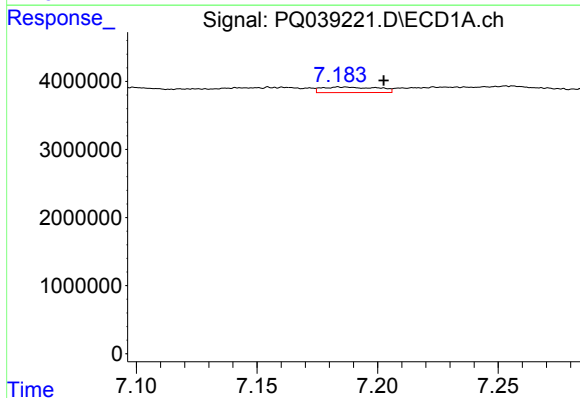
R.T.: 7.186 min
Delta R.T.: 0.009 min
Response: 1308537
Conc: 8.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



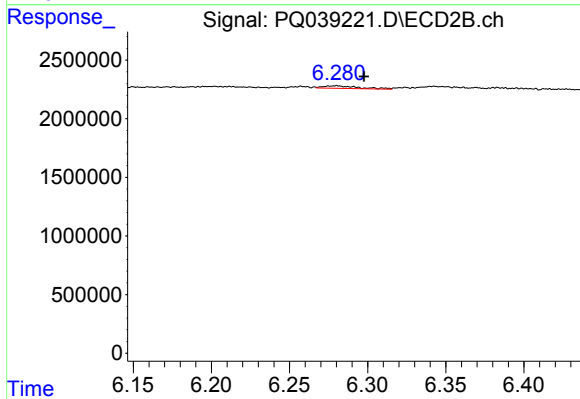
#16 AR-1242-1

R.T.: 6.279 min
Delta R.T.: 0.004 min
Response: 333817
Conc: 3.85 ng/ml



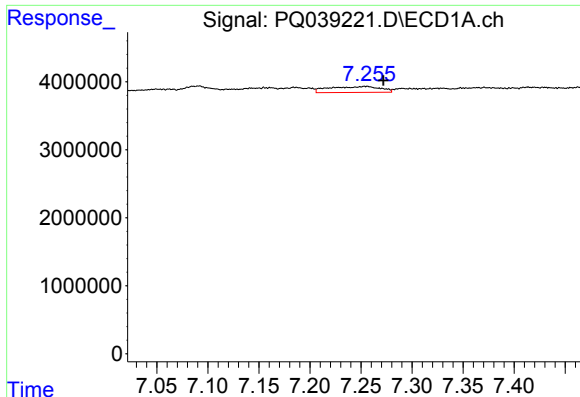
#17 AR-1242-2

R.T.: 7.186 min
Delta R.T.: -0.017 min
Response: 1308537
Conc: 5.82 ng/ml



#17 AR-1242-2

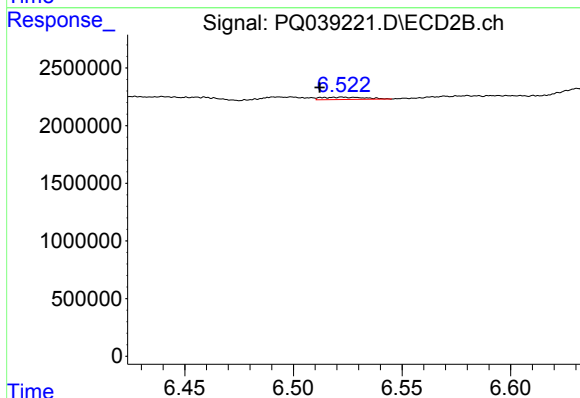
R.T.: 6.279 min
Delta R.T.: -0.019 min
Response: 333817
Conc: 2.68 ng/ml



#18 AR-1242-3

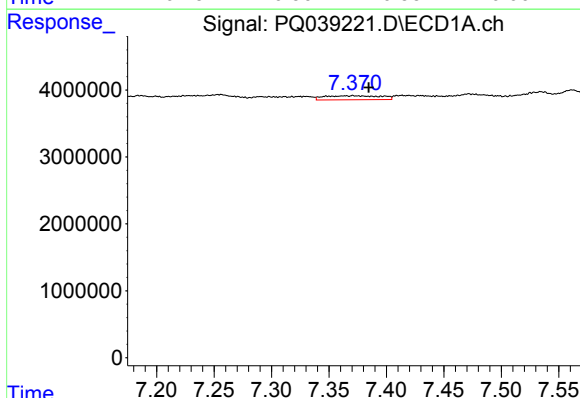
R.T.: 7.255 min
Delta R.T.: -0.017 min
Response: 3070241
Conc: 21.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



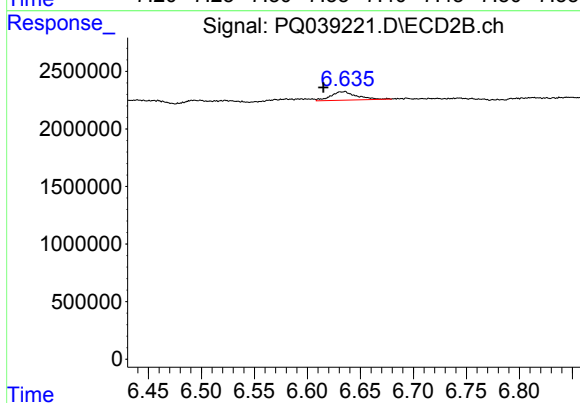
#18 AR-1242-3

R.T.: 6.523 min
Delta R.T.: 0.010 min
Response: 293282
Conc: 4.38 ng/ml



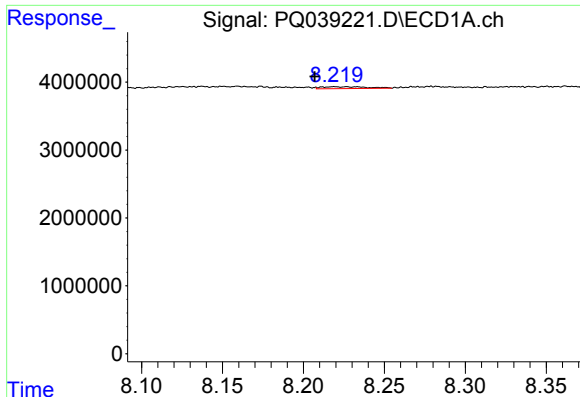
#19 AR-1242-4

R.T.: 7.372 min
Delta R.T.: -0.013 min
Response: 2028554
Conc: 17.53 ng/ml



#19 AR-1242-4

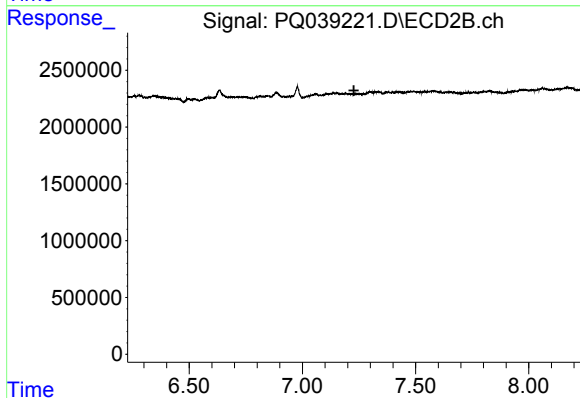
R.T.: 6.634 min
Delta R.T.: 0.018 min
Response: 1254980
Conc: 18.58 ng/ml



#20 AR-1242-5

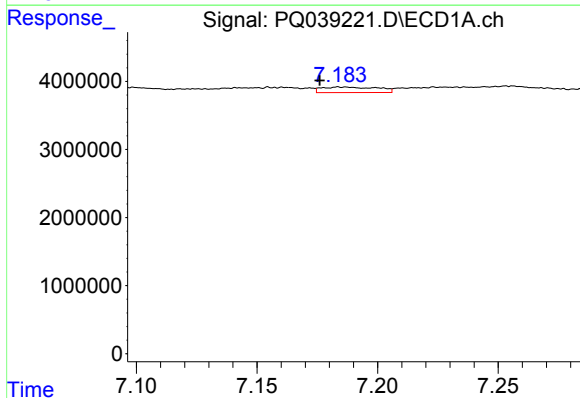
R.T.: 8.227 min
Delta R.T.: 0.020 min
Response: 549106
Conc: 4.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



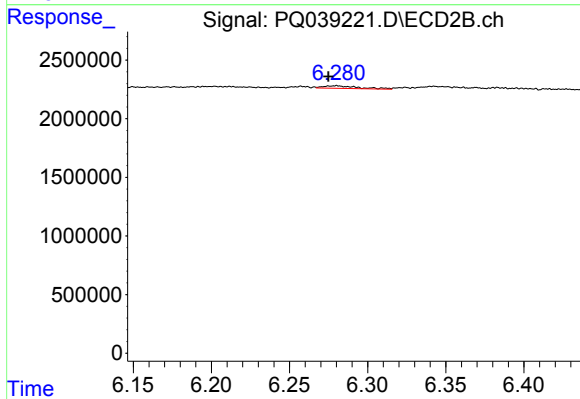
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.228 min
Response: 0
Conc: N.D.



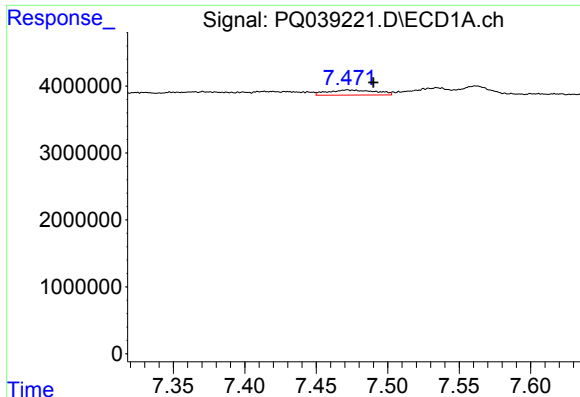
#21 AR-1248-1

R.T.: 7.186 min
Delta R.T.: 0.010 min
Response: 1308537
Conc: 12.41 ng/ml



#21 AR-1248-1

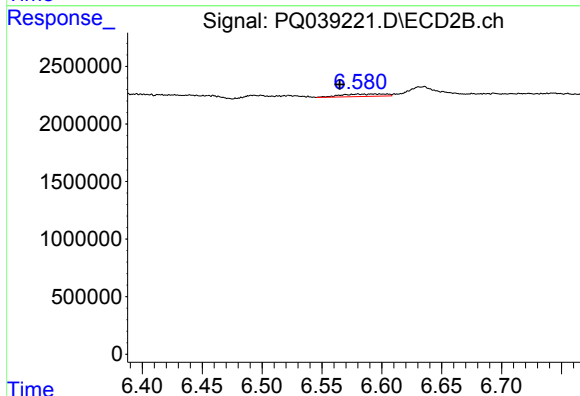
R.T.: 6.279 min
Delta R.T.: 0.004 min
Response: 333817
Conc: 5.54 ng/ml



#22 AR-1248-2

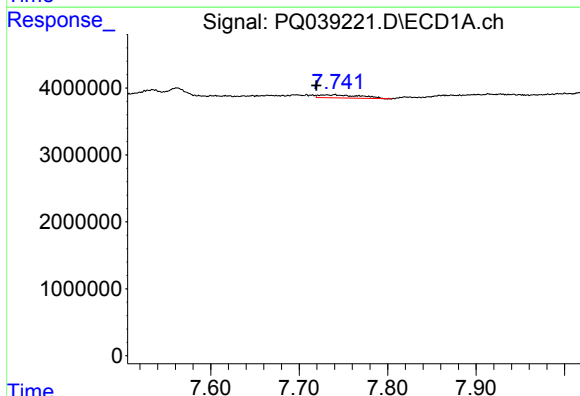
R.T.: 7.473 min
Delta R.T.: -0.018 min
Response: 1759791
Conc: 11.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



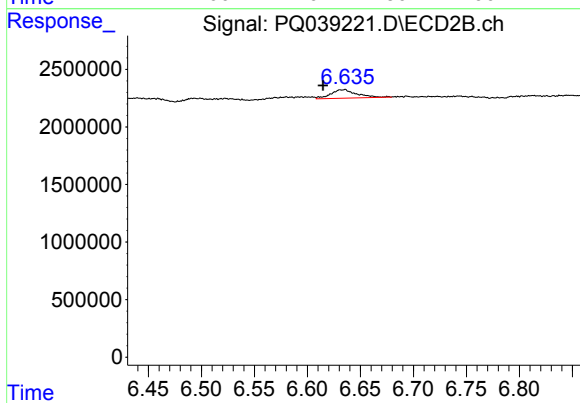
#22 AR-1248-2

R.T.: 6.581 min
Delta R.T.: 0.016 min
Response: 546145
Conc: 6.45 ng/ml



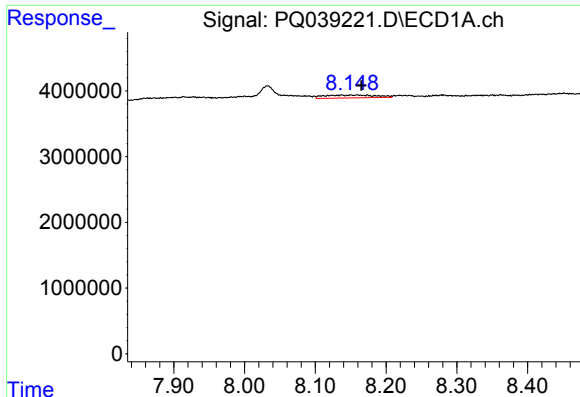
#23 AR-1248-3

R.T.: 7.740 min
Delta R.T.: 0.021 min
Response: 1518993
Conc: 8.31 ng/ml



#23 AR-1248-3

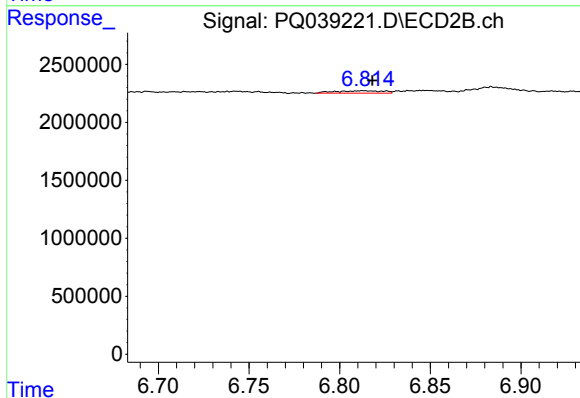
R.T.: 6.634 min
Delta R.T.: 0.019 min
Response: 1254980
Conc: 14.13 ng/ml



#24 AR-1248-4

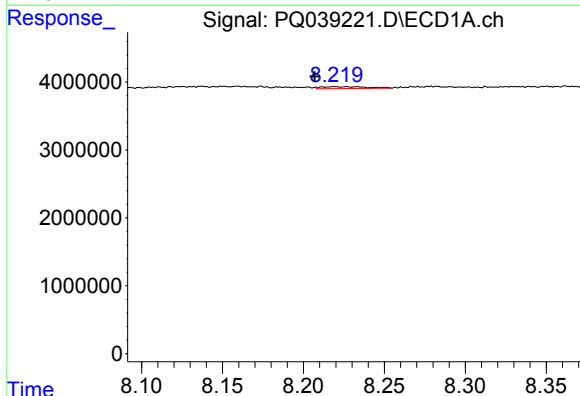
R.T.: 8.137 min
Delta R.T.: -0.028 min
Response: 2252154
Conc: 11.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



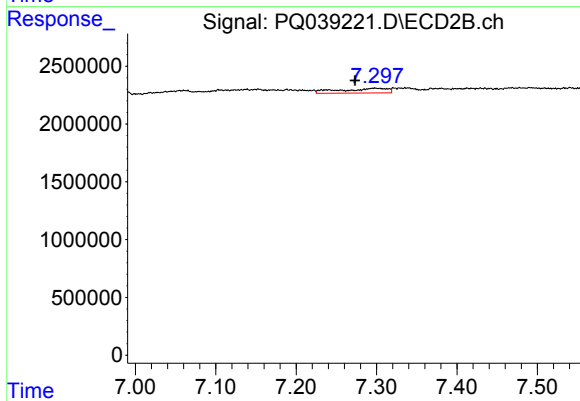
#24 AR-1248-4

R.T.: 6.813 min
Delta R.T.: -0.005 min
Response: 374705
Conc: 3.27 ng/ml



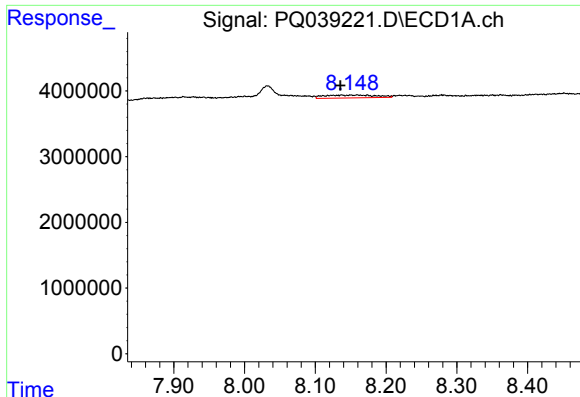
#25 AR-1248-5

R.T.: 8.227 min
Delta R.T.: 0.020 min
Response: 549106
Conc: 2.71 ng/ml



#25 AR-1248-5

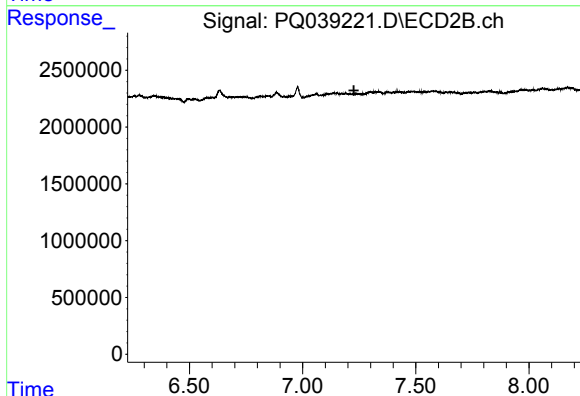
R.T.: 7.298 min
Delta R.T.: 0.025 min
Response: 1672927
Conc: 14.53 ng/ml



#26 AR-1254-1

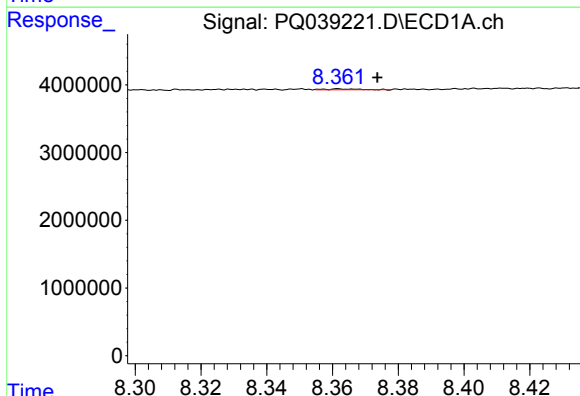
R.T.: 8.137 min
Delta R.T.: 0.001 min
Response: 2252154
Conc: 10.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



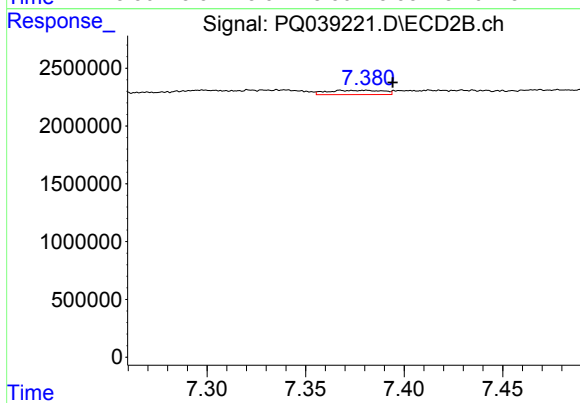
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 7.226 min
Response: 0
Conc: N.D.



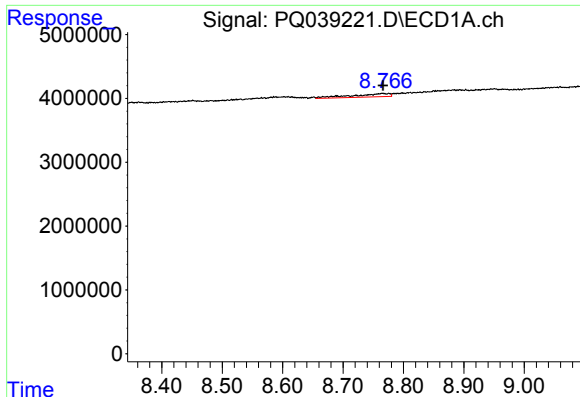
#27 AR-1254-2

R.T.: 8.362 min
Delta R.T.: -0.011 min
Response: 90707
Conc: 0.27 ng/ml



#27 AR-1254-2

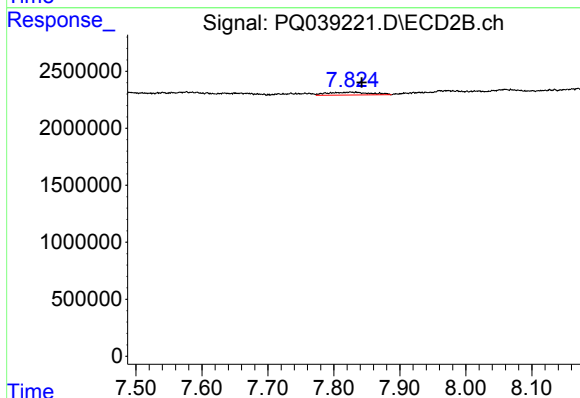
R.T.: 7.379 min
Delta R.T.: -0.015 min
Response: 721536
Conc: 4.46 ng/ml



#28 AR-1254-3

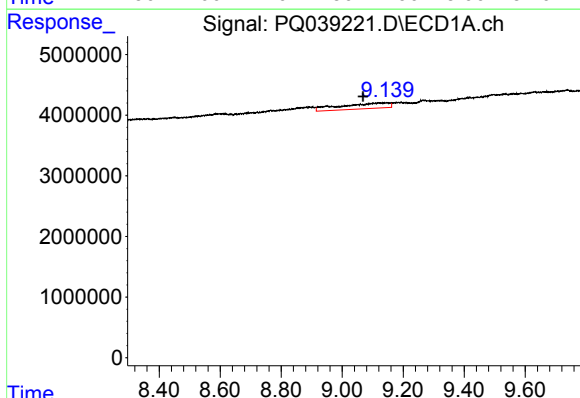
R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 2267107
Conc: 6.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



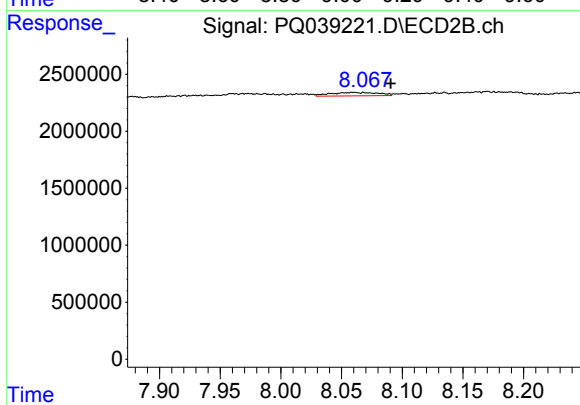
#28 AR-1254-3

R.T.: 7.825 min
Delta R.T.: -0.017 min
Response: 1130071
Conc: 4.00 ng/ml



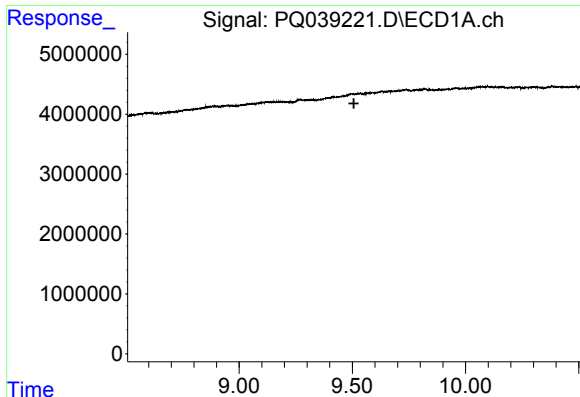
#29 AR-1254-4

R.T.: 9.120 min
Delta R.T.: 0.052 min
Response: 10427294
Conc: 40.89 ng/ml



#29 AR-1254-4

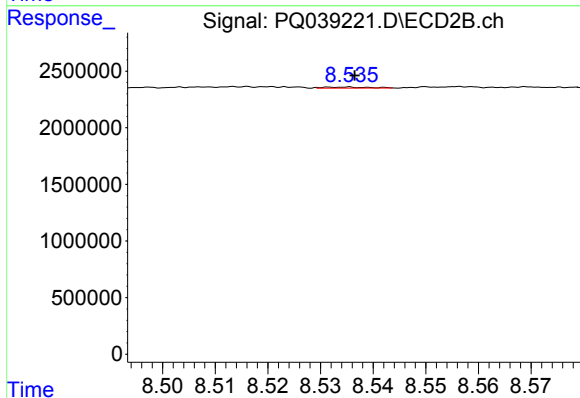
R.T.: 8.059 min
Delta R.T.: -0.031 min
Response: 846216
Conc: 5.10 ng/ml



#30 AR-1254-5

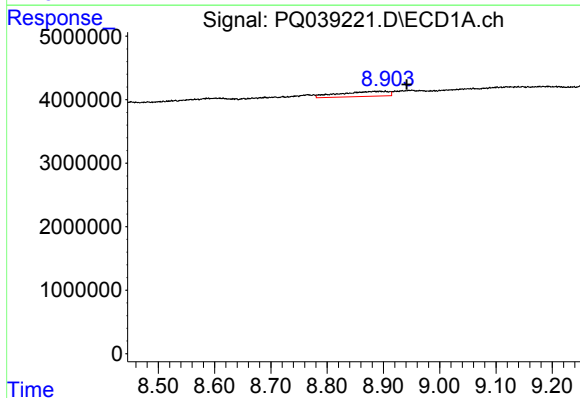
R.T.: 0.000 min
Exp R.T.: 9.507 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



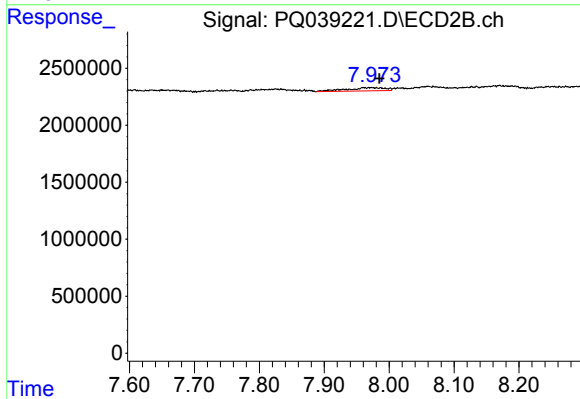
#30 AR-1254-5

R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 55980
Conc: 0.23 ng/ml



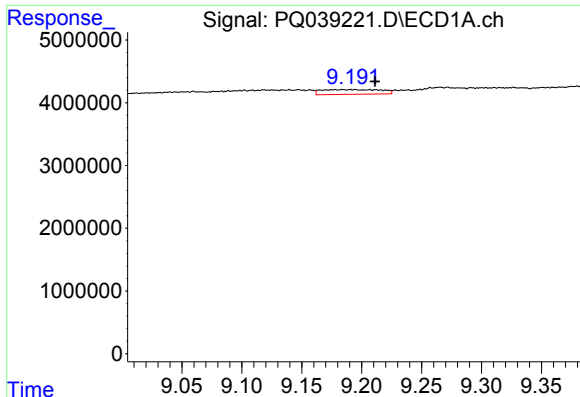
#31 AR-1260-1

R.T.: 8.884 min
Delta R.T.: -0.057 min
Response: 4753754
Conc: 9.94 ng/ml



#31 AR-1260-1

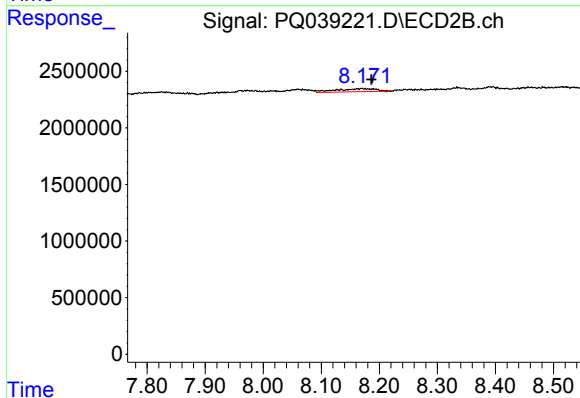
R.T.: 7.972 min
Delta R.T.: -0.013 min
Response: 1192452
Conc: 3.94 ng/ml



#32 AR-1260-2

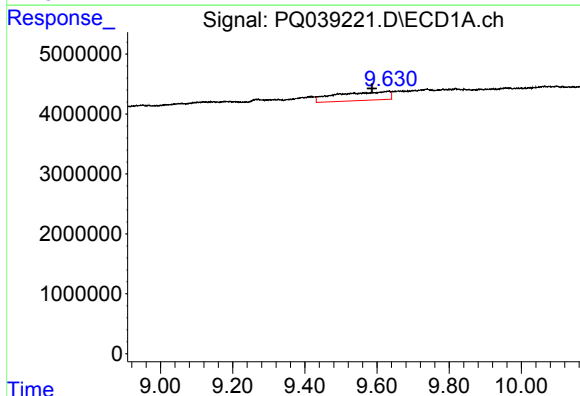
R.T.: 9.193 min
Delta R.T.: -0.019 min
Response: 2589869
Conc: 4.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



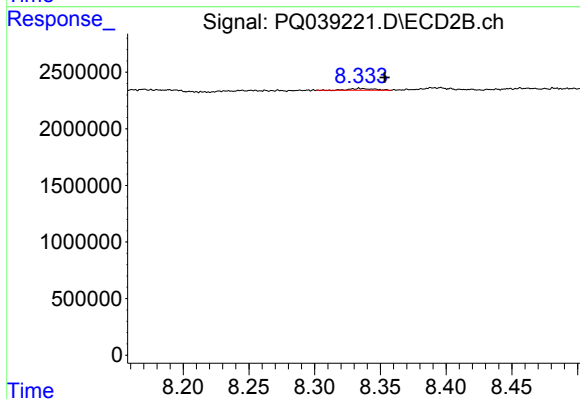
#32 AR-1260-2

R.T.: 8.170 min
Delta R.T.: -0.016 min
Response: 1305105
Conc: 3.52 ng/ml



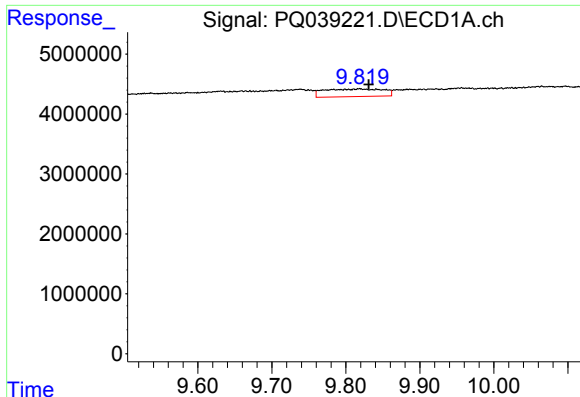
#33 AR-1260-3

R.T.: 9.631 min
Delta R.T.: 0.045 min
Response: 14574285
Conc: 33.45 ng/ml



#33 AR-1260-3

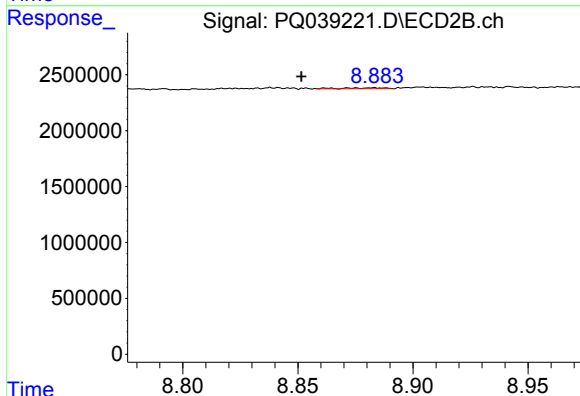
R.T.: 8.335 min
Delta R.T.: -0.018 min
Response: 194370
Conc: 0.55 ng/ml



#34 AR-1260-4

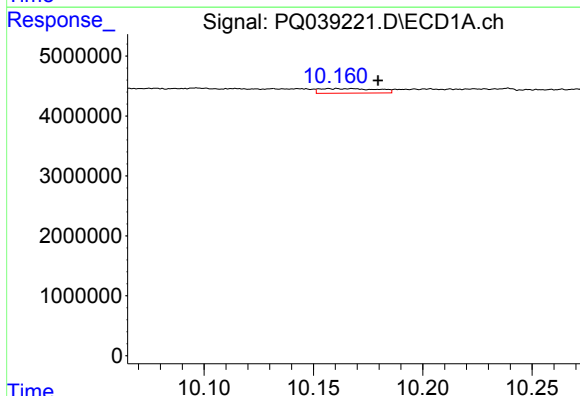
R.T.: 9.818 min
Delta R.T.: -0.013 min
Response: 7097271
Conc: 13.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



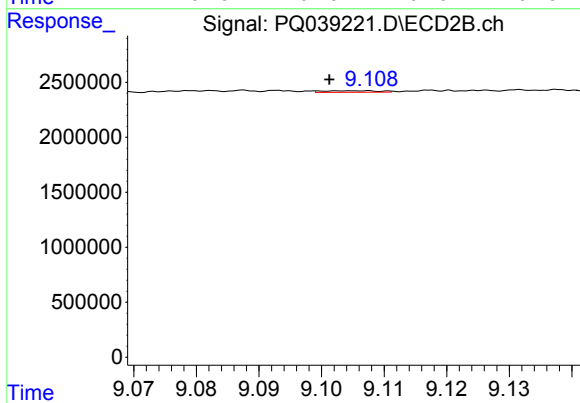
#34 AR-1260-4

R.T.: 8.863 min
Delta R.T.: 0.011 min
Response: 92224
Conc: 0.32 ng/ml



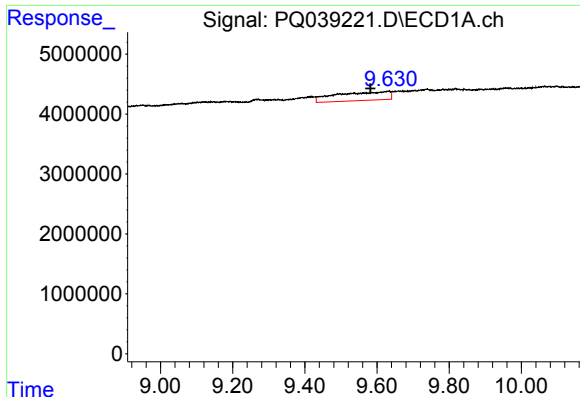
#35 AR-1260-5

R.T.: 10.161 min
Delta R.T.: -0.019 min
Response: 1373020
Conc: 1.32 ng/ml



#35 AR-1260-5

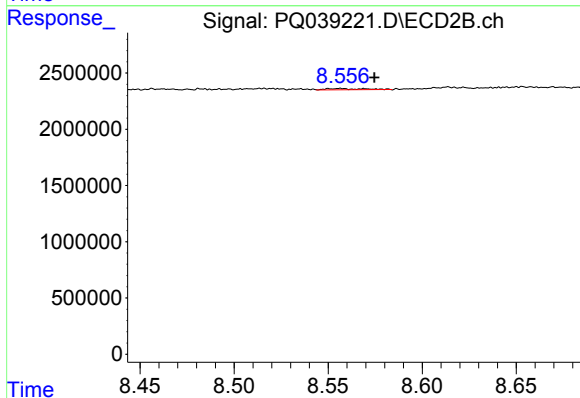
R.T.: 9.105 min
Delta R.T.: 0.003 min
Response: 87019
Conc: 0.12 ng/ml



#36 AR-1262-1

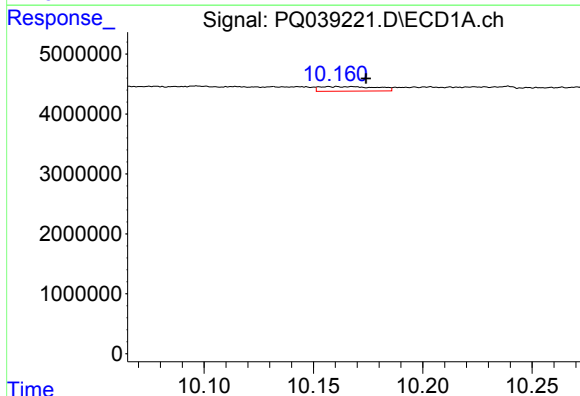
R.T.: 9.631 min
Delta R.T.: 0.050 min
Response: 14574285
Conc: 39.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



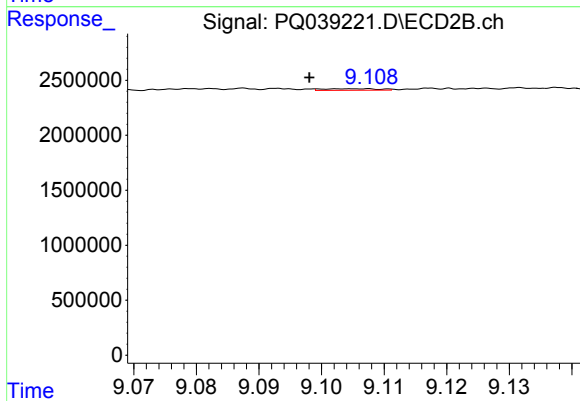
#36 AR-1262-1

R.T.: 8.556 min
Delta R.T.: -0.019 min
Response: 144649
Conc: 0.55 ng/ml



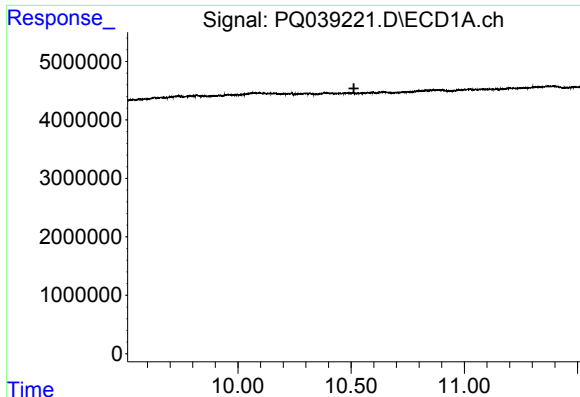
#37 AR-1262-2

R.T.: 10.161 min
Delta R.T.: -0.013 min
Response: 1373020
Conc: 2.08 ng/ml



#37 AR-1262-2

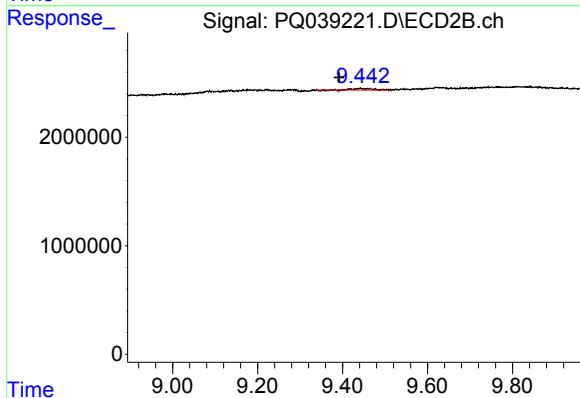
R.T.: 9.105 min
Delta R.T.: 0.007 min
Response: 87019
Conc: 0.18 ng/ml



#38 AR-1262-3

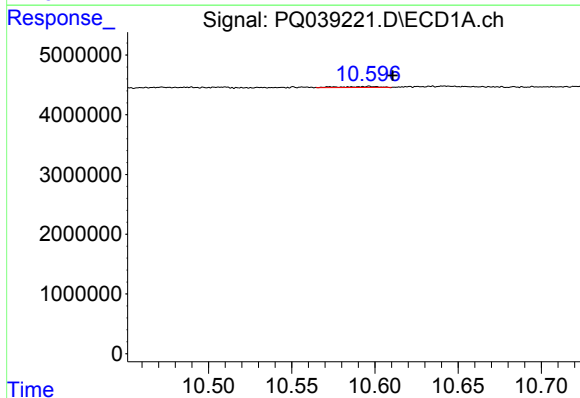
R.T.: 0.000 min
Exp R.T.: 10.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



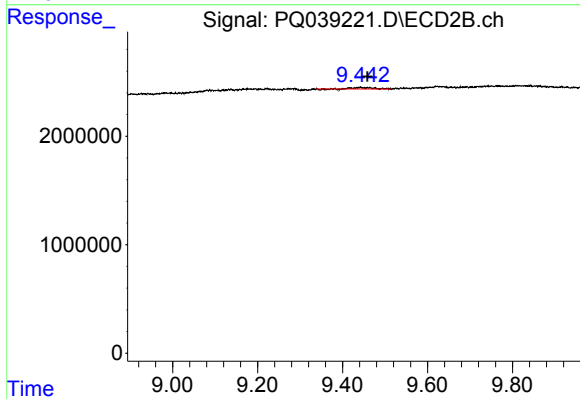
#38 AR-1262-3

R.T.: 9.441 min
Delta R.T.: 0.049 min
Response: 419093
Conc: 2.16 ng/ml



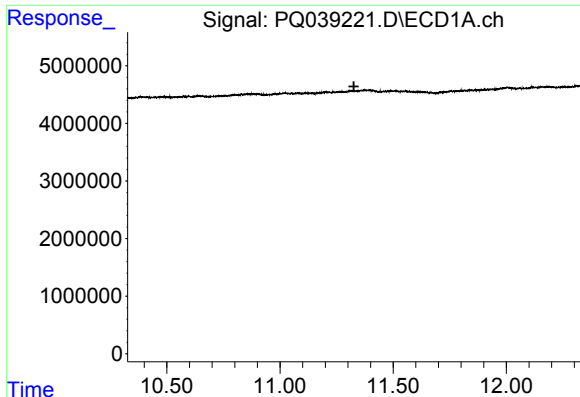
#39 AR-1262-4

R.T.: 10.597 min
Delta R.T.: -0.014 min
Response: 237745
Conc: 0.66 ng/ml



#39 AR-1262-4

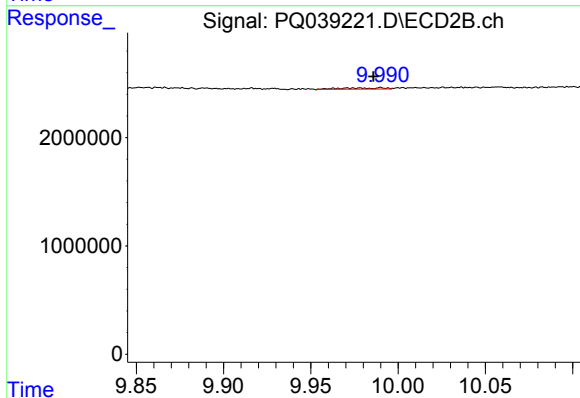
R.T.: 9.441 min
Delta R.T.: -0.017 min
Response: 419093
Conc: 1.14 ng/ml



#40 AR-1262-5

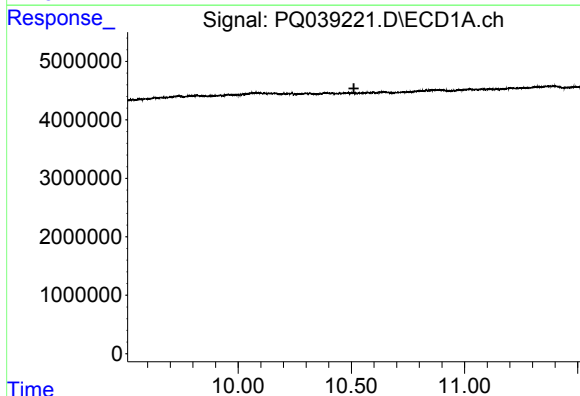
R.T.: 0.000 min
Exp R.T. : 11.326 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



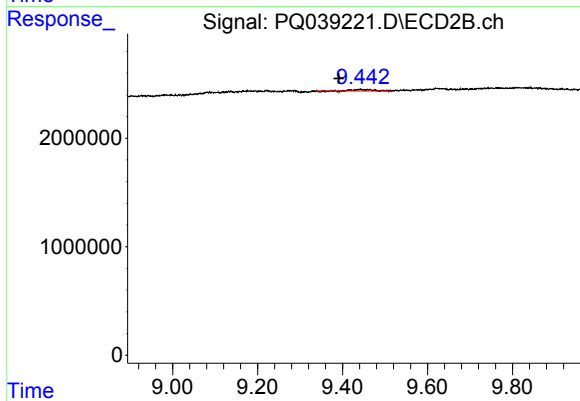
#40 AR-1262-5

R.T.: 9.976 min
Delta R.T.: -0.010 min
Response: 191938
Conc: 1.27 ng/ml



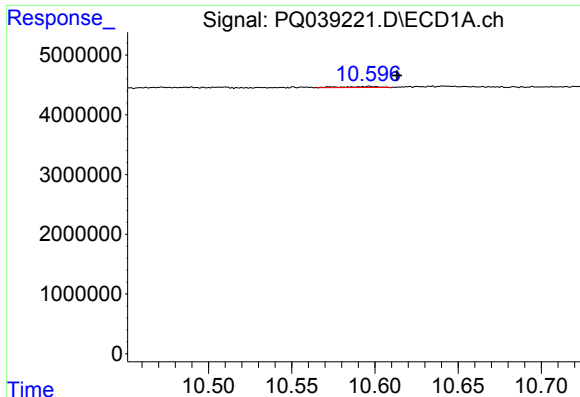
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 10.511 min
Response: 0
Conc: N.D.



#41 AR-1268-1

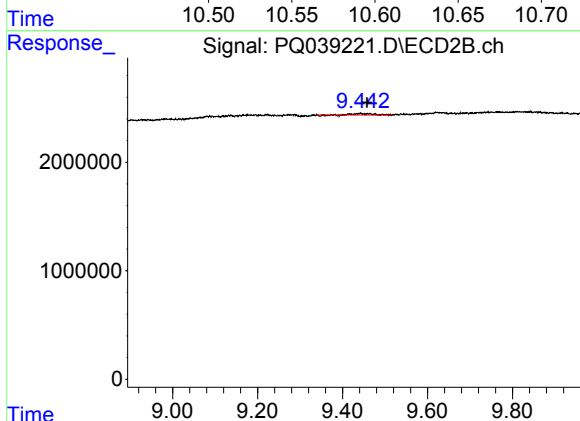
R.T.: 9.441 min
Delta R.T.: 0.050 min
Response: 419093
Conc: 0.42 ng/ml



#42 AR-1268-2

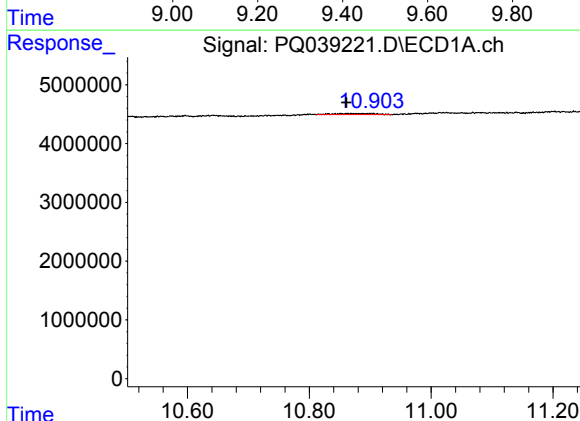
R.T.: 10.597 min
Delta R.T.: -0.016 min
Response: 237745
Conc: 0.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
HEXANE



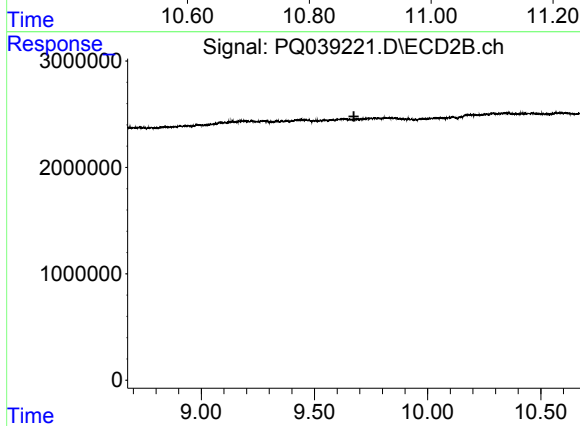
#42 AR-1268-2

R.T.: 9.441 min
Delta R.T.: -0.017 min
Response: 419093
Conc: 0.45 ng/ml



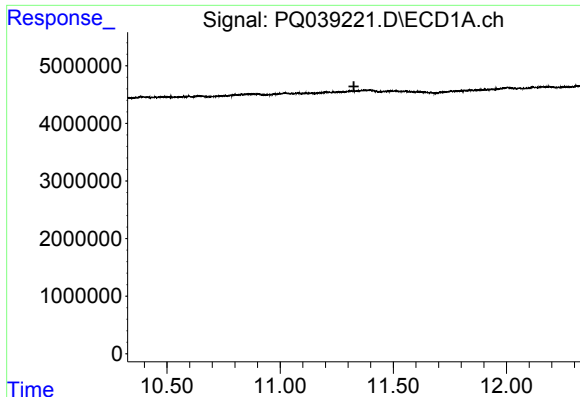
#43 AR-1268-3

R.T.: 10.903 min
Delta R.T.: 0.041 min
Response: 894897
Conc: 0.73 ng/ml



#43 AR-1268-3

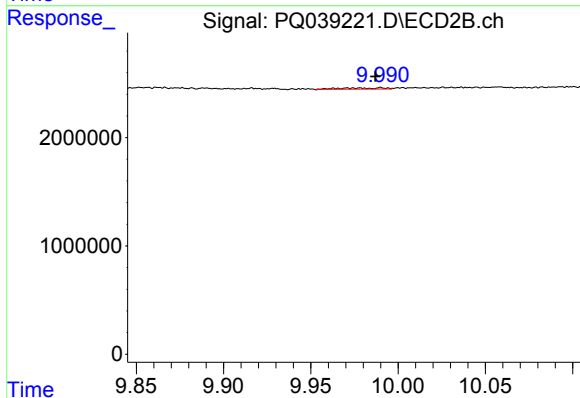
R.T.: 0.000 min
Exp R.T.: 9.674 min
Response: 0
Conc: N.D.



#44 AR-1268-4

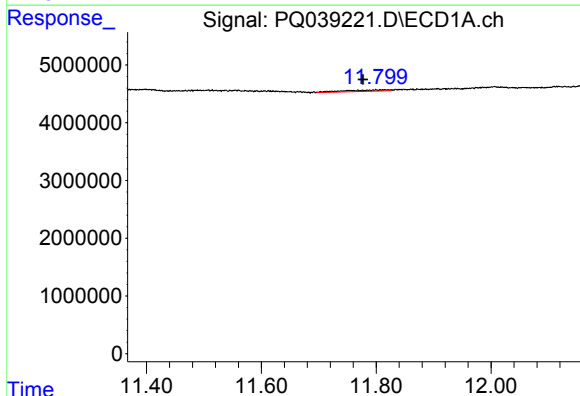
R.T.: 0.000 min
Exp R.T.: 11.326 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
HEXANE



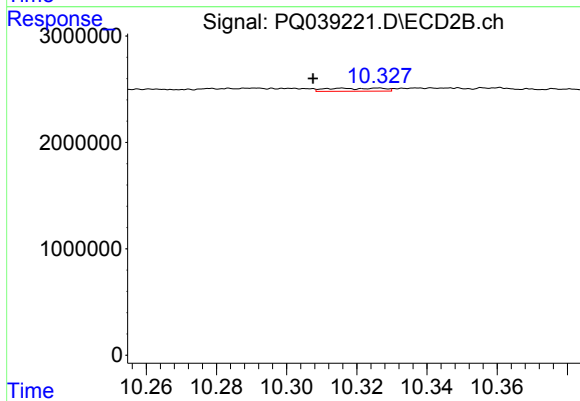
#44 AR-1268-4

R.T.: 9.976 min
Delta R.T.: -0.011 min
Response: 191938
Conc: 0.62 ng/ml



#45 AR-1268-5

R.T.: 11.815 min
Delta R.T.: 0.038 min
Response: 1250450
Conc: 0.30 ng/ml



#45 AR-1268-5

R.T.: 10.315 min
Delta R.T.: 0.008 min
Response: 316396
Conc: 0.13 ng/ml