

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032319\
 Data File : PQ038163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2019 20:38
 Operator : SM\SJ
 Sample : K2034-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 031619-LIFT-E-U-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 22:56:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.171	3.631	90567658	45986646	15.565	14.890
2)	SA Decachlor...	9.574	8.497	2875899	38679387	0.597	17.277 #
Target Compounds							
3)	L1 AR-1016-1	5.309	0.000	952121	0	4.731	N.D. #
4)	L1 AR-1016-2	5.367	0.000	3644035	0	11.612	N.D. #
5)	L1 AR-1016-3	5.421	4.927	432770	2280951	2.376	26.463 #
6)	L1 AR-1016-4	5.496	4.927	2147501	2280951	14.355	32.972 #
7)	L1 AR-1016-5	5.797	0.000	317280	0	2.185	N.D. #
8)	L2 AR-1221-1	4.397	3.799	2490777	3156542	39.255	92.005 #
9)	L2 AR-1221-2	4.469	0.000	13707208	0	296.310	N.D. #
10)	L2 AR-1221-3	4.569	4.015	14904696	5410523	97.519	63.251 #
11)	L3 AR-1232-1	4.569	4.015	14904696	5410523	119.761	80.712 #
12)	L3 AR-1232-2	5.056	0.000	6295924	0	106.919	N.D. #
13)	L3 AR-1232-3	5.367	4.927	3644035	2280951	29.506	68.228 #
14)	L3 AR-1232-4	5.496	4.927	2147501	2280951	36.871	79.260 #
15)	L3 AR-1232-5	5.568	0.000	5868852	0	137.285	N.D. #
16)	L4 AR-1242-1	5.309	0.000	952121	0	5.794	N.D. #
17)	L4 AR-1242-2	5.367	0.000	3644035	0	14.281	N.D. #
18)	L4 AR-1242-3	5.421	4.927	432770	2280951	2.934	33.006 #
19)	L4 AR-1242-4	5.496	4.927	2147501	2280951	17.544	35.734 #
20)	L4 AR-1242-5	6.201	0.000	1000175	0	7.320	N.D. #
21)	L5 AR-1248-1	5.309	0.000	952121	0	6.012	N.D. #
22)	L5 AR-1248-2	5.568	4.927	5868852	2280951	26.813	19.045 #
23)	L5 AR-1248-3	5.797	4.927	317280	2280951	1.291	18.795 #
24)	L5 AR-1248-4	6.201	0.000	1000175	0	3.576	N.D. #
25)	L5 AR-1248-5	6.201	0.000	1000175	0	3.773	N.D. #
26)	L6 AR-1254-1	6.144	0.000	3176480	0	16.169	N.D. #
27)	L6 AR-1254-2	6.364	0.000	790135	0	2.578	N.D. #
28)	L6 AR-1254-3	6.710	0.000	1323560	0	4.250	N.D. #
29)	L6 AR-1254-4	7.022	0.000	576999	0	2.273	N.D. #
30)	L6 AR-1254-5	7.435	0.000	398488	0	1.351	N.D. #
31)	L7 AR-1260-1	6.918	0.000	529877	0	2.046	N.D. #
32)	L7 AR-1260-2	7.148	0.000	471506	0	1.368	N.D. #
33)	L7 AR-1260-3	7.457	6.505	1608812	1180993	5.672	6.935
34)	L7 AR-1260-4	7.719	0.000	1423705	0	5.288	N.D. #
35)	L7 AR-1260-5	8.014	0.000	2903722	0	4.609	N.D. #
36)	L8 AR-1262-1	7.546	0.000	2032981	0	13.164	N.D. #
37)	L8 AR-1262-2	8.014	0.000	2903722	0	4.139	N.D. #
38)	L8 AR-1262-3	8.316	0.000	81892	0	0.273	N.D. #
39)	L8 AR-1262-4	8.370	0.000	887497	0	2.559	N.D. #
40)	L8 AR-1262-5	8.994	0.000	733036	0	3.068	N.D. #
41)	L9 AR-1268-1	8.316	0.000	81892	0	0.099	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032319\
Data File : PQ038163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Mar 2019 20:38
Operator : SM\SJ
Sample : K2034-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

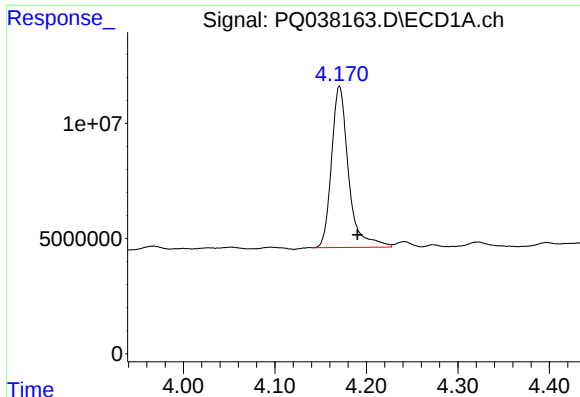
Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 22:56:44 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 20 09:51:59 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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	8.370	0.000	887497	0	1.188	N.D.	#
43)	L9 AR-1268-3	8.556	0.000	555630	0	0.847	N.D.	#
44)	L9 AR-1268-4	8.994	0.000	733036	0	2.832	N.D.	#
45)	L9 AR-1268-5	9.298	0.000	2876089	0	1.473	N.D.	#

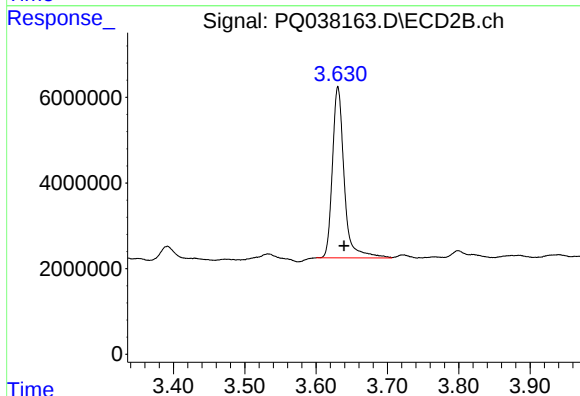
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

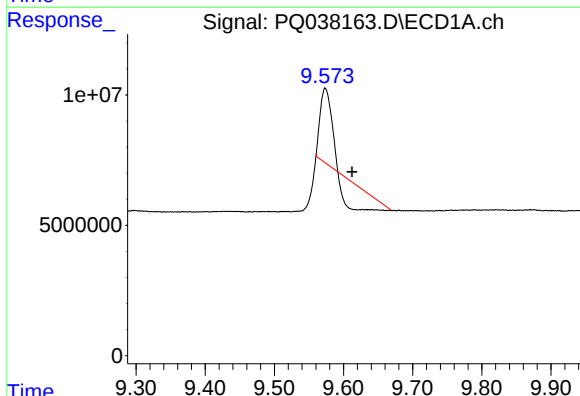
R.T.: 4.171 min
Delta R.T.: -0.019 min
Response: 90567658
Conc: 15.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



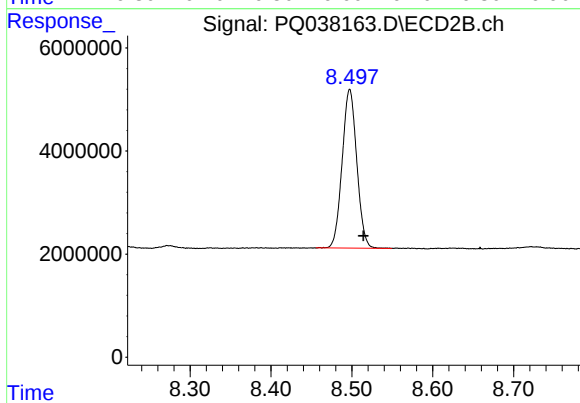
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: -0.008 min
Response: 45986646
Conc: 14.89 ng/ml



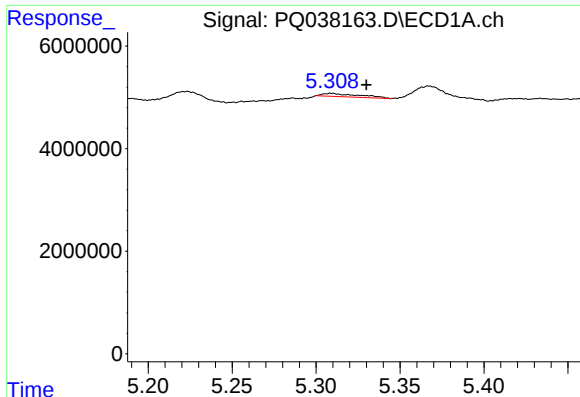
#2 Decachlorobiphenyl

R.T.: 9.574 min
Delta R.T.: -0.038 min
Response: 2875899
Conc: 0.60 ng/ml



#2 Decachlorobiphenyl

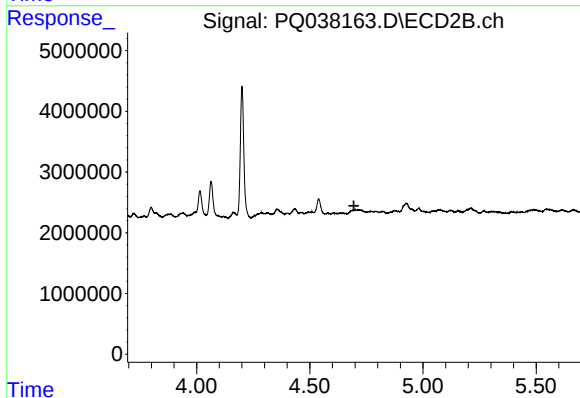
R.T.: 8.497 min
Delta R.T.: -0.017 min
Response: 38679387
Conc: 17.28 ng/ml



#3 AR-1016-1

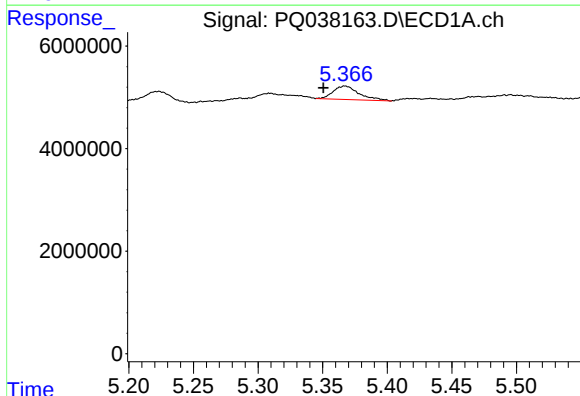
R.T.: 5.309 min
Delta R.T.: -0.021 min
Response: 952121
Conc: 4.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



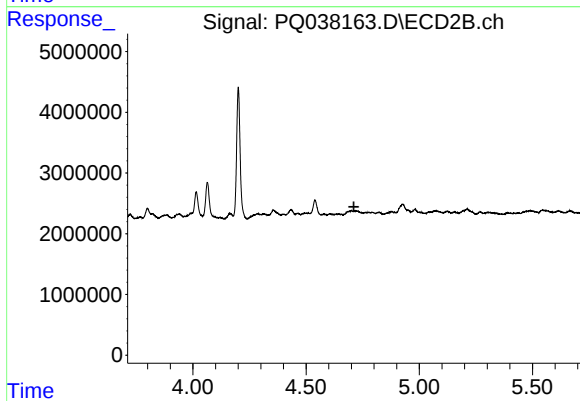
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.695 min
Response: 0
Conc: N.D.



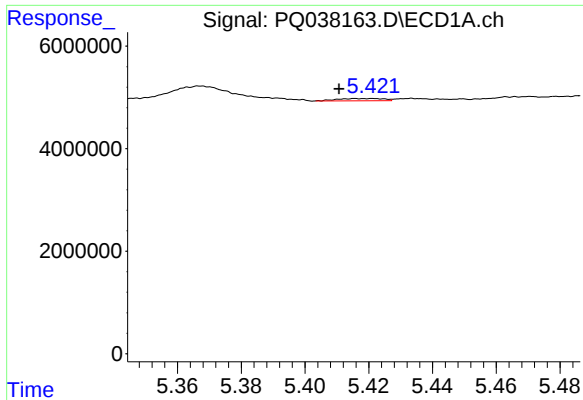
#4 AR-1016-2

R.T.: 5.367 min
Delta R.T.: 0.017 min
Response: 3644035
Conc: 11.61 ng/ml



#4 AR-1016-2

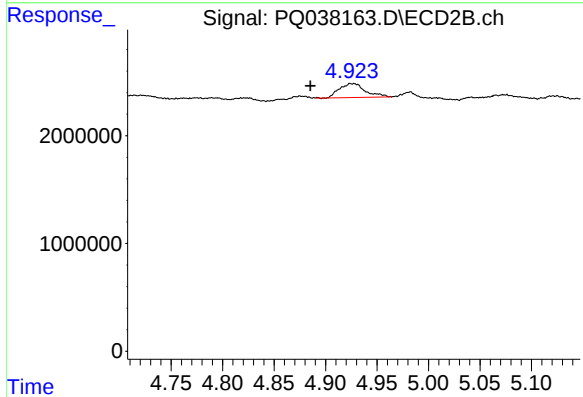
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

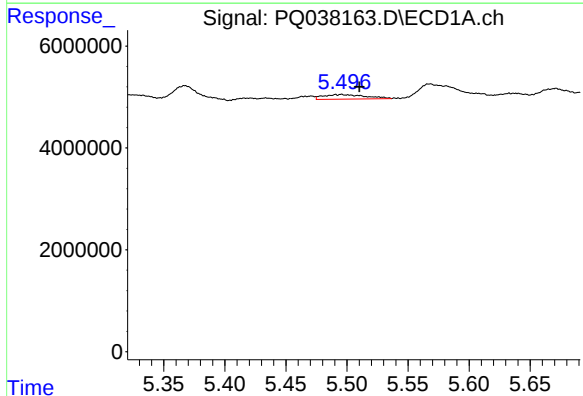
R.T.: 5.421 min
Delta R.T.: 0.010 min
Response: 432770
Conc: 2.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



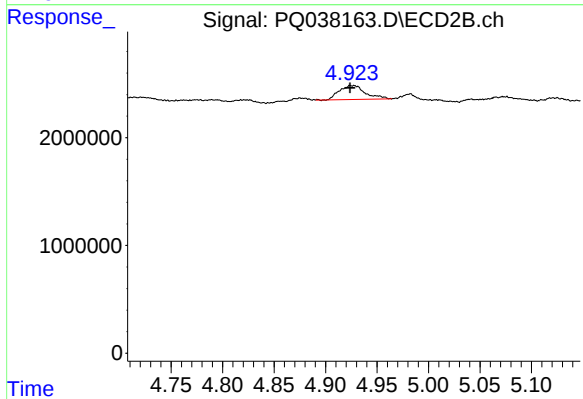
#5 AR-1016-3

R.T.: 4.927 min
Delta R.T.: 0.042 min
Response: 2280951
Conc: 26.46 ng/ml



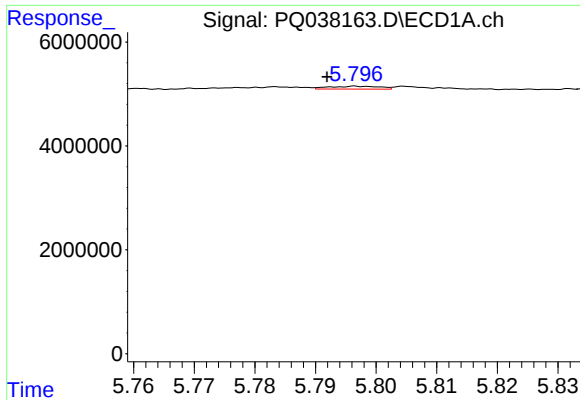
#6 AR-1016-4

R.T.: 5.496 min
Delta R.T.: -0.015 min
Response: 2147501
Conc: 14.36 ng/ml



#6 AR-1016-4

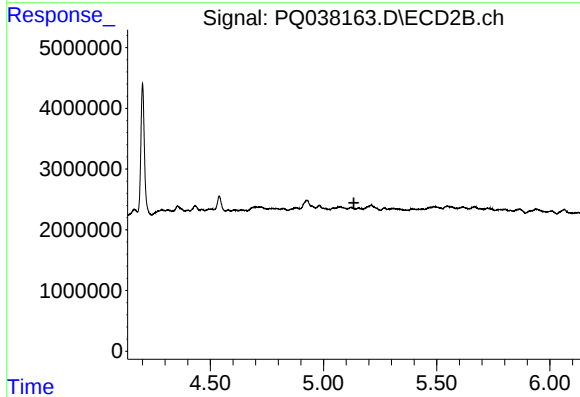
R.T.: 4.927 min
Delta R.T.: 0.003 min
Response: 2280951
Conc: 32.97 ng/ml



#7 AR-1016-5

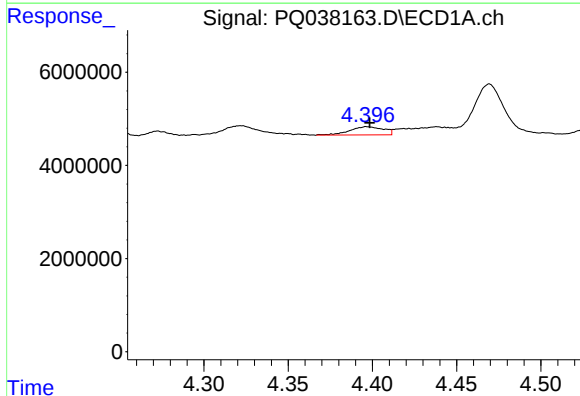
R.T.: 5.797 min
Delta R.T.: 0.005 min
Response: 317280
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



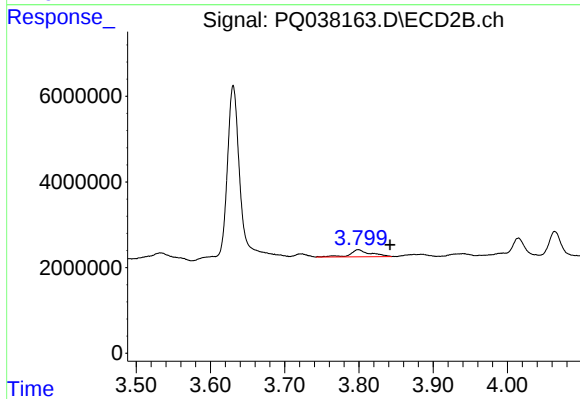
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.134 min
Response: 0
Conc: N.D.



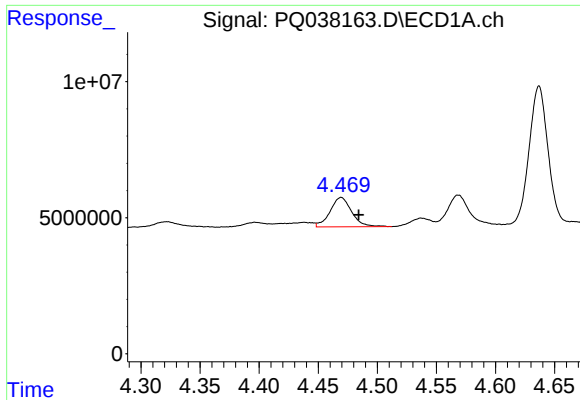
#8 AR-1221-1

R.T.: 4.397 min
Delta R.T.: -0.002 min
Response: 2490777
Conc: 39.26 ng/ml



#8 AR-1221-1

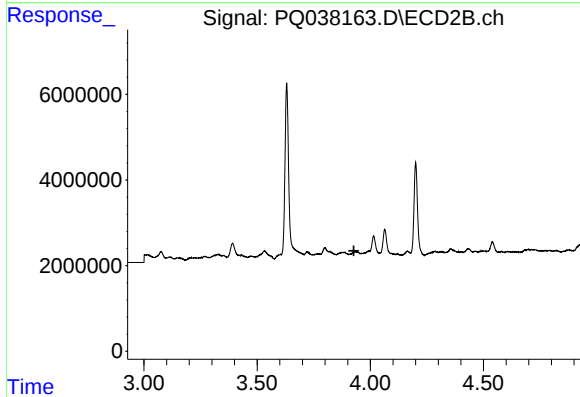
R.T.: 3.799 min
Delta R.T.: -0.043 min
Response: 3156542
Conc: 92.01 ng/ml



#9 AR-1221-2

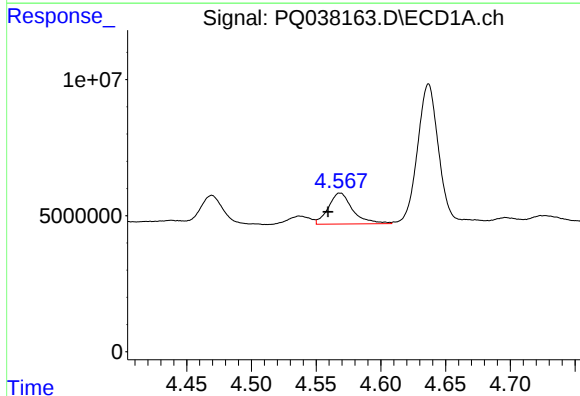
R.T.: 4.469 min
Delta R.T.: -0.015 min
Response: 13707208
Conc: 296.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



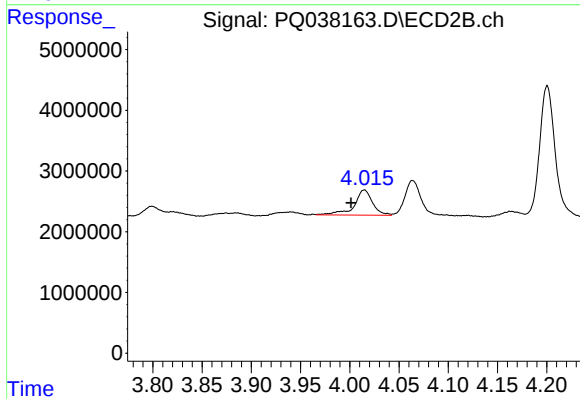
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.928 min
Response: 0
Conc: N.D.



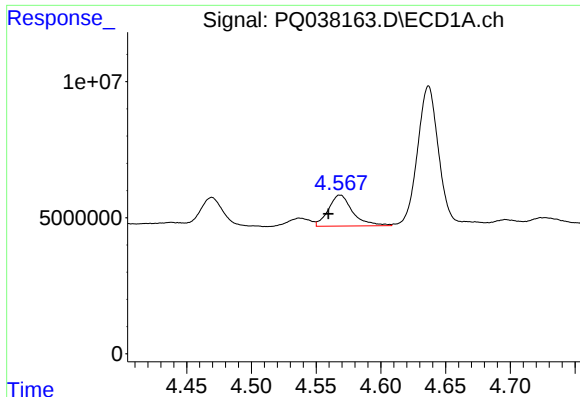
#10 AR-1221-3

R.T.: 4.569 min
Delta R.T.: 0.009 min
Response: 14904696
Conc: 97.52 ng/ml



#10 AR-1221-3

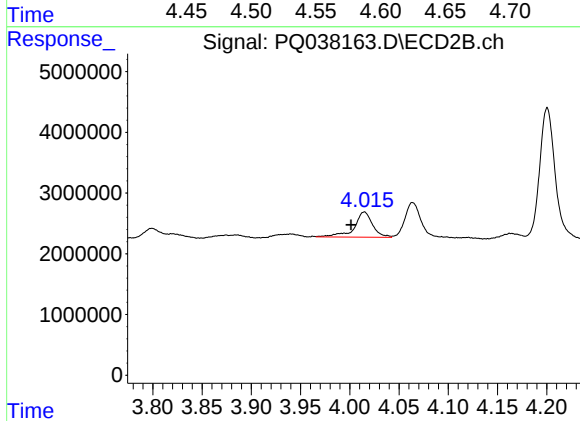
R.T.: 4.015 min
Delta R.T.: 0.013 min
Response: 5410523
Conc: 63.25 ng/ml



#11 AR-1232-1

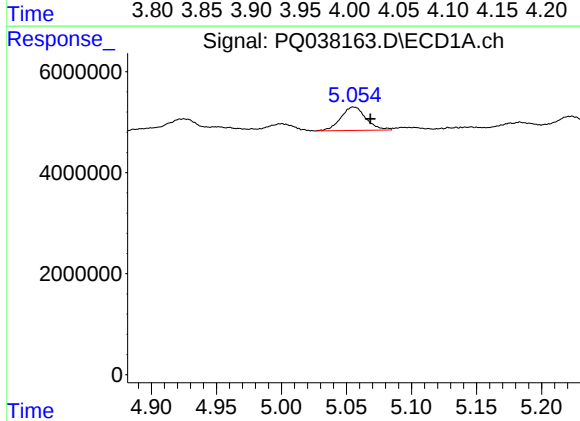
R.T.: 4.569 min
Delta R.T.: 0.009 min
Response: 14904696
Conc: 119.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



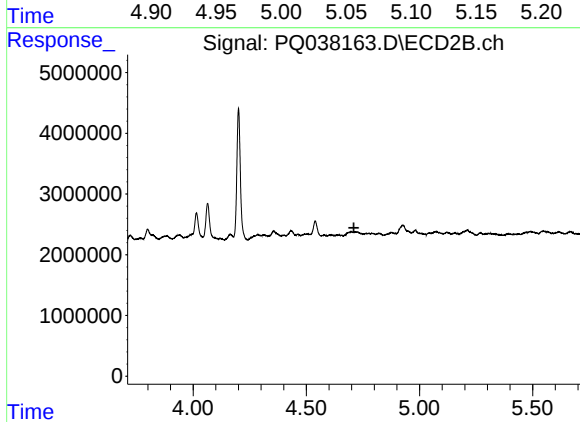
#11 AR-1232-1

R.T.: 4.015 min
Delta R.T.: 0.013 min
Response: 5410523
Conc: 80.71 ng/ml



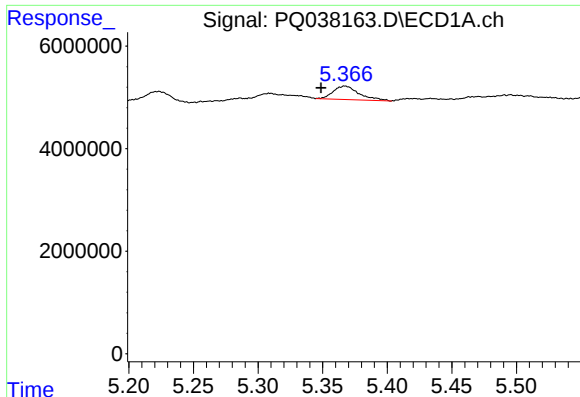
#12 AR-1232-2

R.T.: 5.056 min
Delta R.T.: -0.013 min
Response: 6295924
Conc: 106.92 ng/ml



#12 AR-1232-2

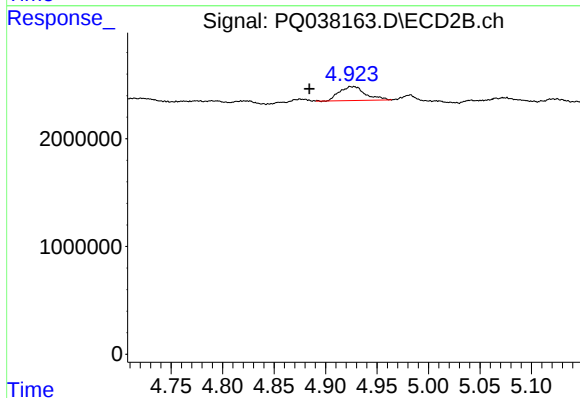
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.



#13 AR-1232-3

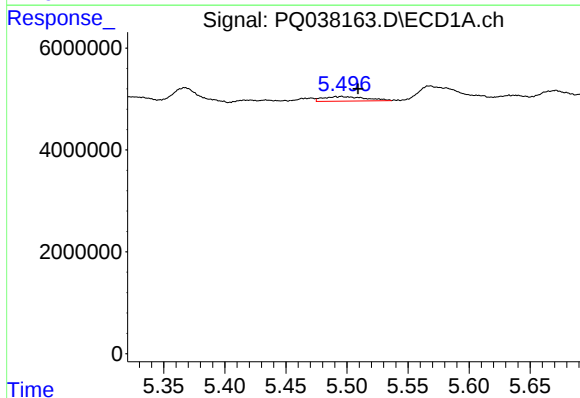
R.T.: 5.367 min
Delta R.T.: 0.019 min
Response: 3644035
Conc: 29.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



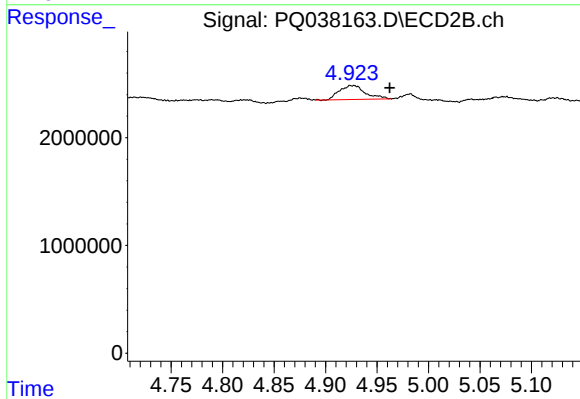
#13 AR-1232-3

R.T.: 4.927 min
Delta R.T.: 0.043 min
Response: 2280951
Conc: 68.23 ng/ml



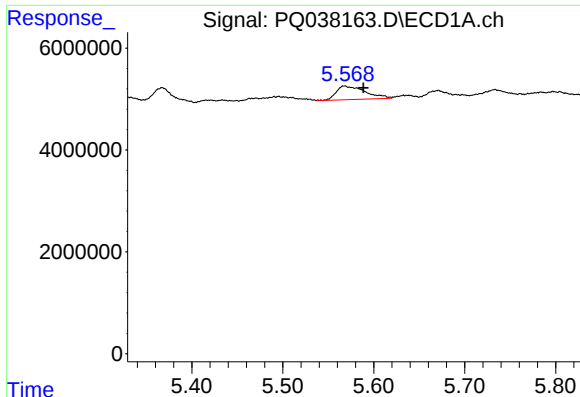
#14 AR-1232-4

R.T.: 5.496 min
Delta R.T.: -0.014 min
Response: 2147501
Conc: 36.87 ng/ml



#14 AR-1232-4

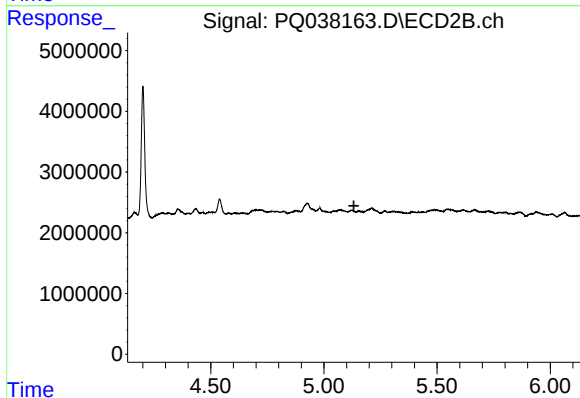
R.T.: 4.927 min
Delta R.T.: -0.035 min
Response: 2280951
Conc: 79.26 ng/ml



#15 AR-1232-5

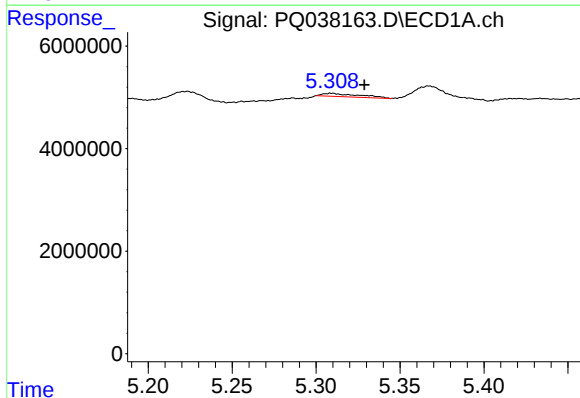
R.T.: 5.568 min
Delta R.T.: -0.021 min
Response: 5868852
Conc: 137.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



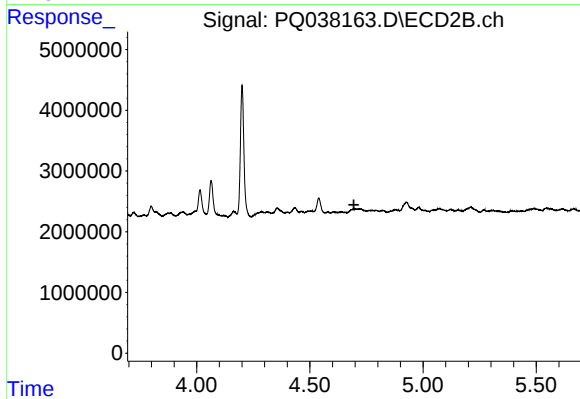
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



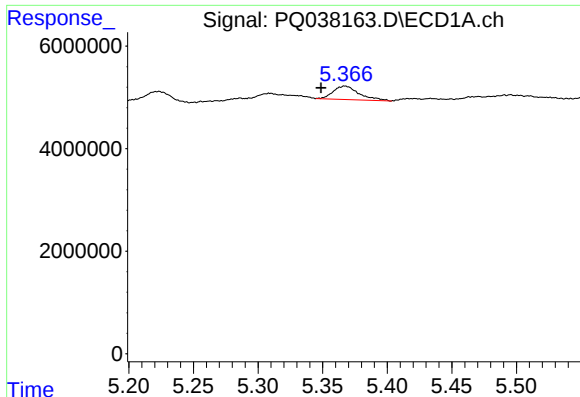
#16 AR-1242-1

R.T.: 5.309 min
Delta R.T.: -0.020 min
Response: 952121
Conc: 5.79 ng/ml



#16 AR-1242-1

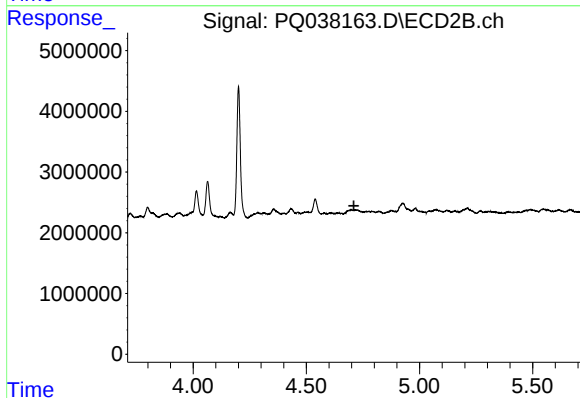
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#17 AR-1242-2

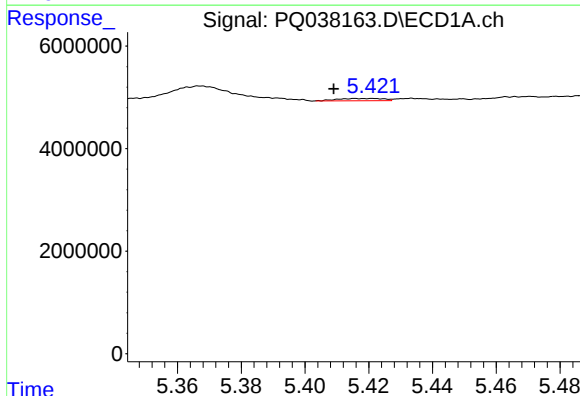
R.T.: 5.367 min
Delta R.T.: 0.019 min
Response: 3644035
Conc: 14.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



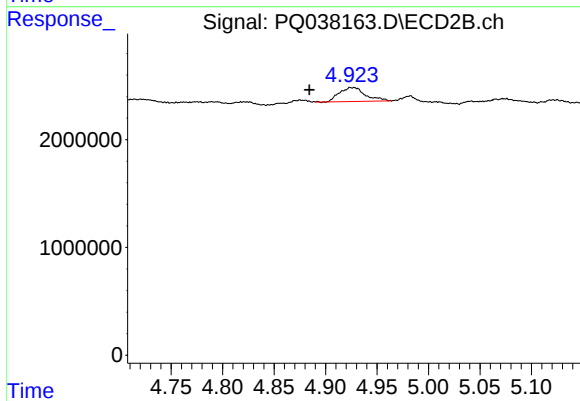
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



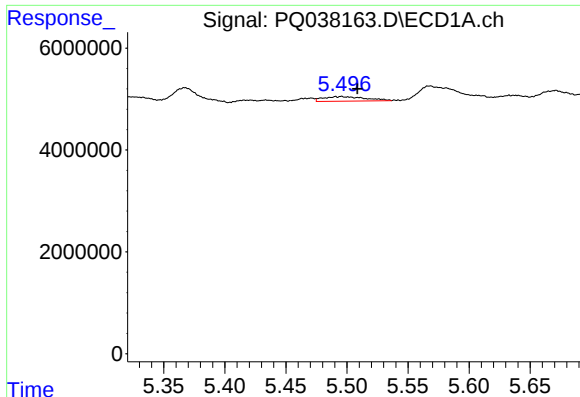
#18 AR-1242-3

R.T.: 5.421 min
Delta R.T.: 0.012 min
Response: 432770
Conc: 2.93 ng/ml



#18 AR-1242-3

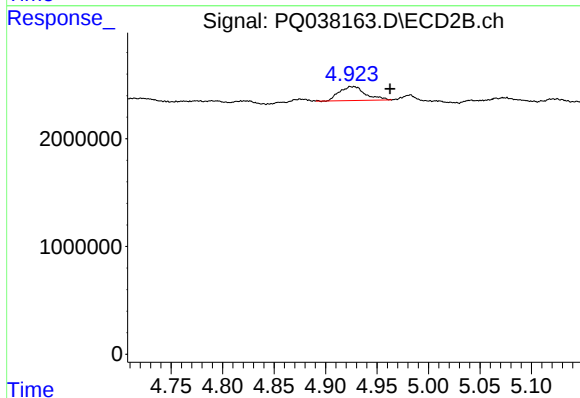
R.T.: 4.927 min
Delta R.T.: 0.043 min
Response: 2280951
Conc: 33.01 ng/ml



#19 AR-1242-4

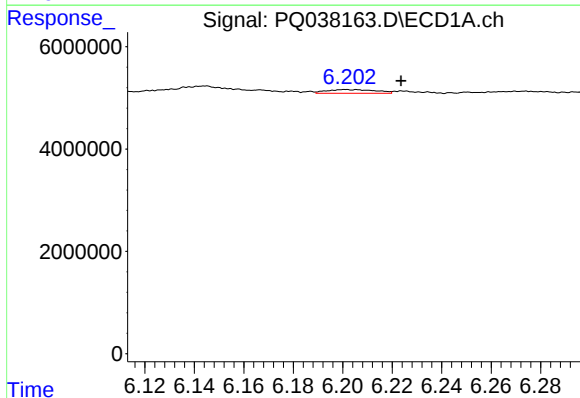
R.T.: 5.496 min
Delta R.T.: -0.013 min
Response: 2147501
Conc: 17.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



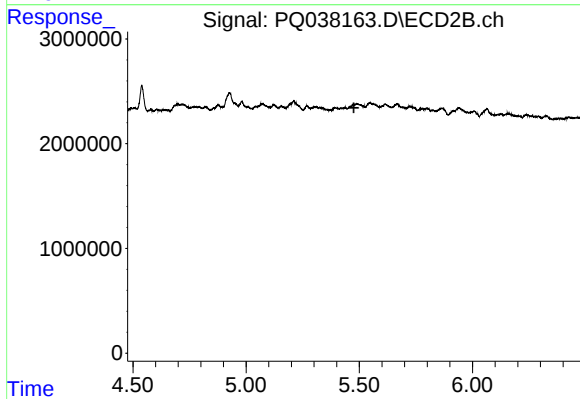
#19 AR-1242-4

R.T.: 4.927 min
Delta R.T.: -0.036 min
Response: 2280951
Conc: 35.73 ng/ml



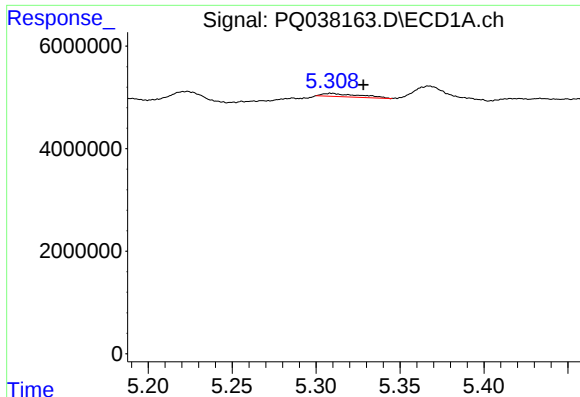
#20 AR-1242-5

R.T.: 6.201 min
Delta R.T.: -0.022 min
Response: 1000175
Conc: 7.32 ng/ml



#20 AR-1242-5

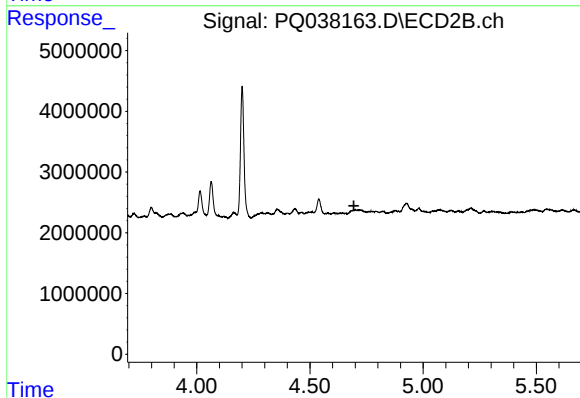
R.T.: 0.000 min
Exp R.T.: 5.476 min
Response: 0
Conc: N.D.



#21 AR-1248-1

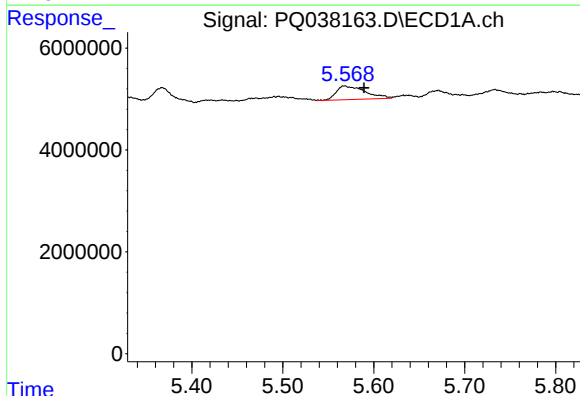
R.T.: 5.309 min
Delta R.T.: -0.019 min
Response: 952121
Conc: 6.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



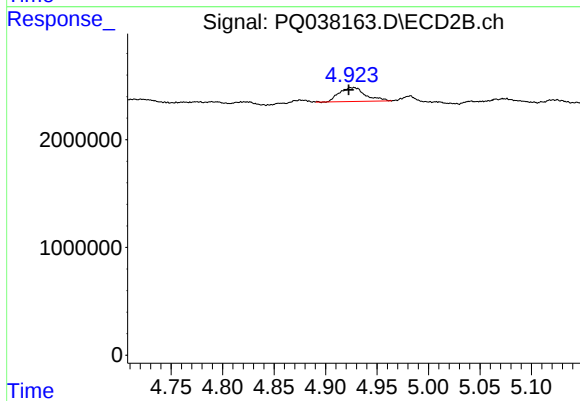
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



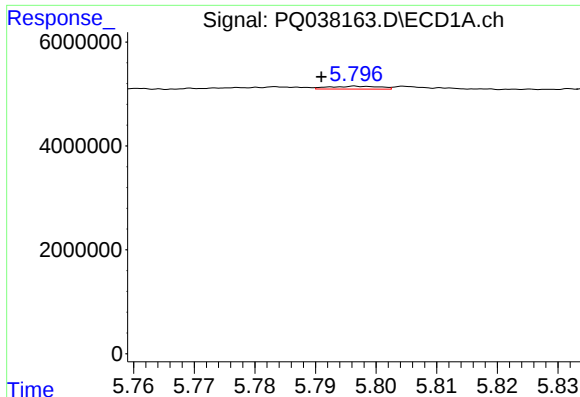
#22 AR-1248-2

R.T.: 5.568 min
Delta R.T.: -0.021 min
Response: 5868852
Conc: 26.81 ng/ml



#22 AR-1248-2

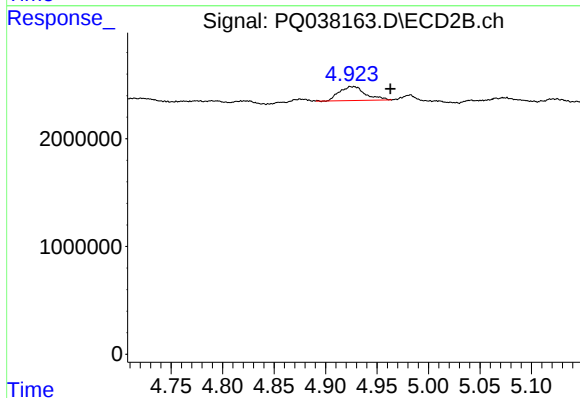
R.T.: 4.927 min
Delta R.T.: 0.005 min
Response: 2280951
Conc: 19.04 ng/ml



#23 AR-1248-3

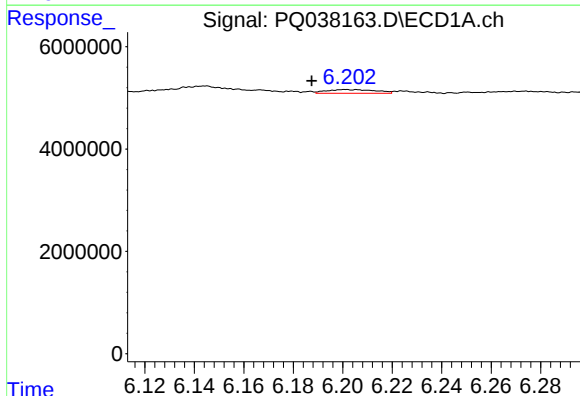
R.T.: 5.797 min
Delta R.T.: 0.006 min
Response: 317280
Conc: 1.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



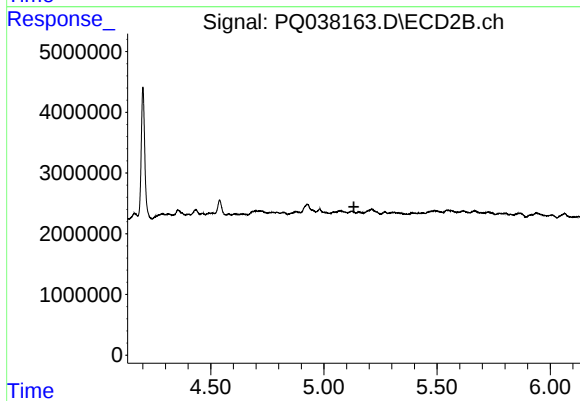
#23 AR-1248-3

R.T.: 4.927 min
Delta R.T.: -0.036 min
Response: 2280951
Conc: 18.79 ng/ml



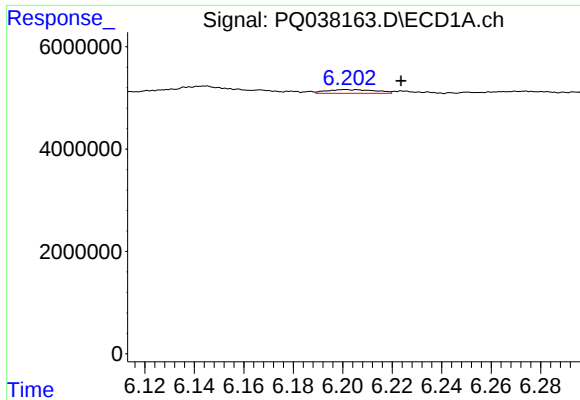
#24 AR-1248-4

R.T.: 6.201 min
Delta R.T.: 0.014 min
Response: 1000175
Conc: 3.58 ng/ml



#24 AR-1248-4

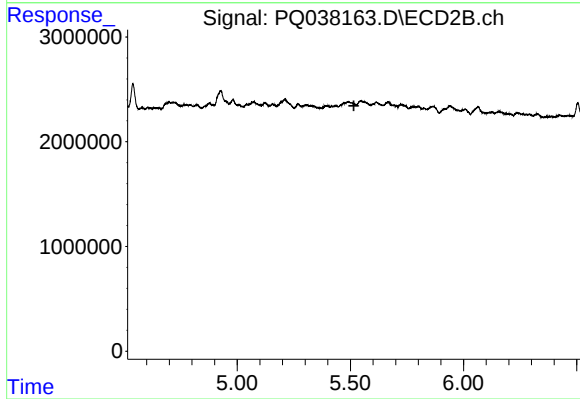
R.T.: 0.000 min
Exp R.T.: 5.133 min
Response: 0
Conc: N.D.



#25 AR-1248-5

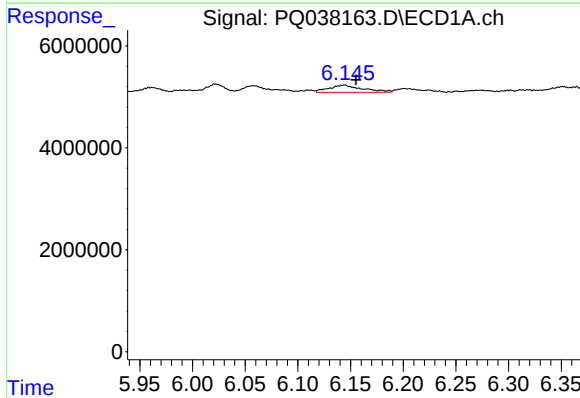
R.T.: 6.201 min
Delta R.T.: -0.022 min
Response: 1000175
Conc: 3.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



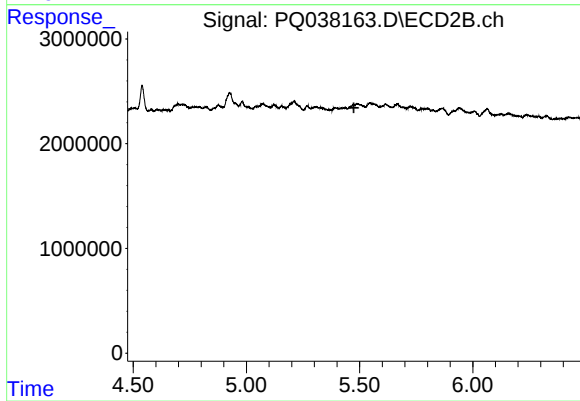
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



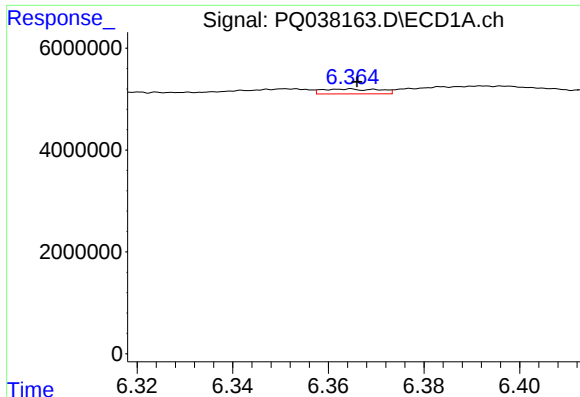
#26 AR-1254-1

R.T.: 6.144 min
Delta R.T.: -0.011 min
Response: 3176480
Conc: 16.17 ng/ml



#26 AR-1254-1

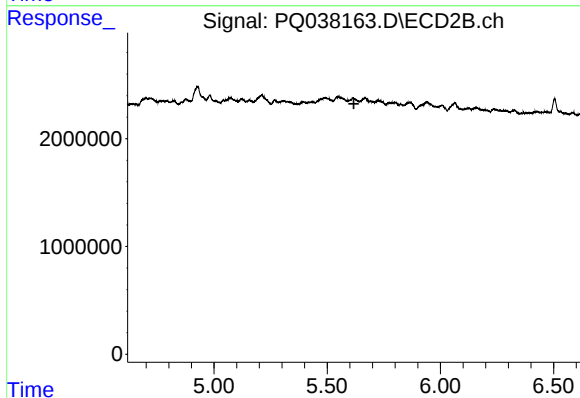
R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



#27 AR-1254-2

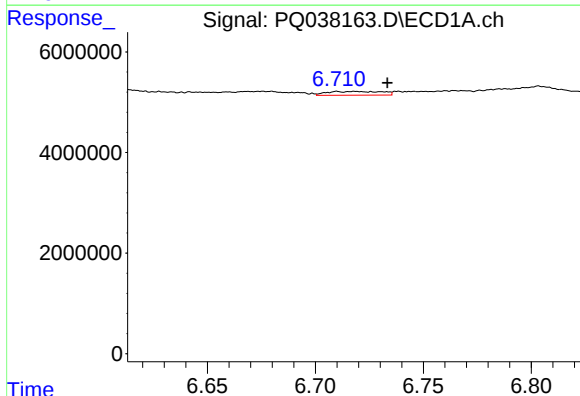
R.T.: 6.364 min
Delta R.T.: -0.002 min
Response: 790135
Conc: 2.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



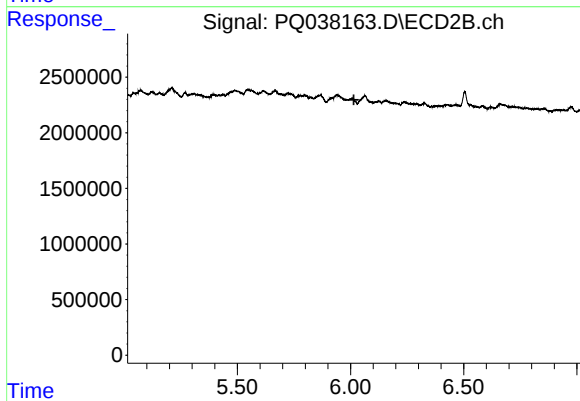
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



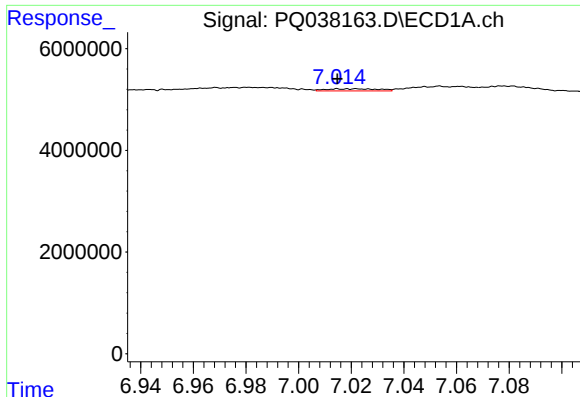
#28 AR-1254-3

R.T.: 6.710 min
Delta R.T.: -0.023 min
Response: 1323560
Conc: 4.25 ng/ml



#28 AR-1254-3

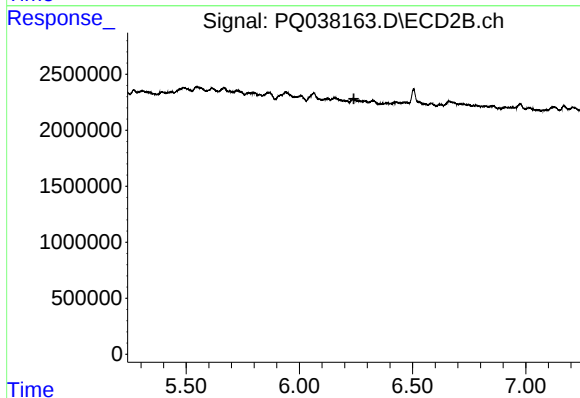
R.T.: 0.000 min
Exp R.T. : 6.015 min
Response: 0
Conc: N.D.



#29 AR-1254-4

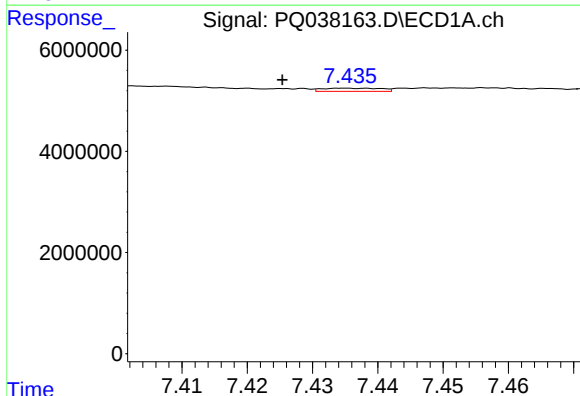
R.T.: 7.022 min
Delta R.T.: 0.007 min
Response: 576999
Conc: 2.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



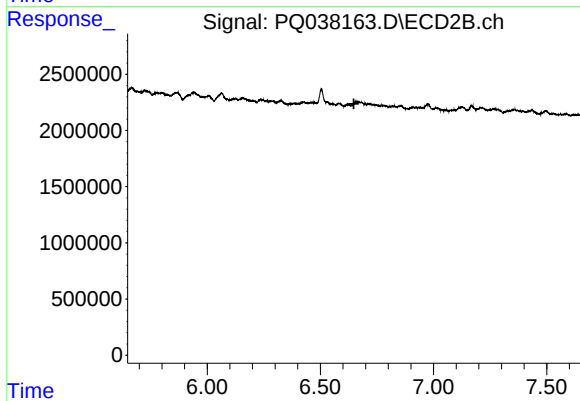
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.241 min
Response: 0
Conc: N.D.



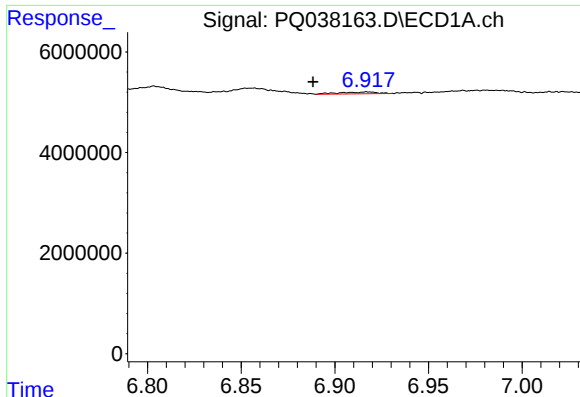
#30 AR-1254-5

R.T.: 7.435 min
Delta R.T.: 0.010 min
Response: 398488
Conc: 1.35 ng/ml



#30 AR-1254-5

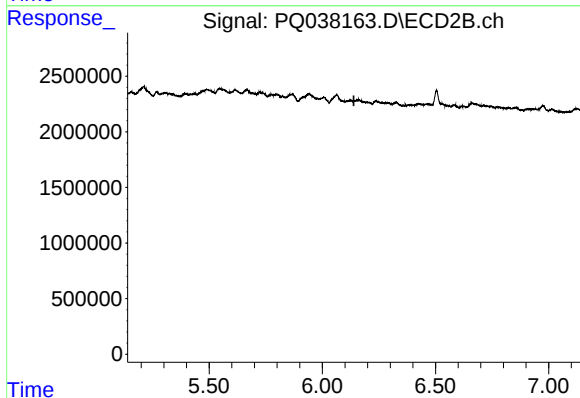
R.T.: 0.000 min
Exp R.T. : 6.648 min
Response: 0
Conc: N.D.



#31 AR-1260-1

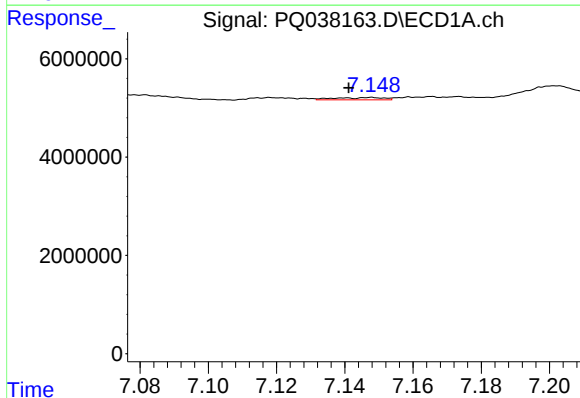
R.T.: 6.918 min
Delta R.T.: 0.029 min
Response: 529877
Conc: 2.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



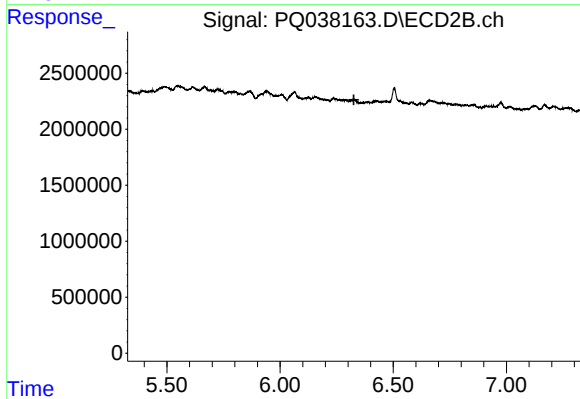
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.139 min
Response: 0
Conc: N.D.



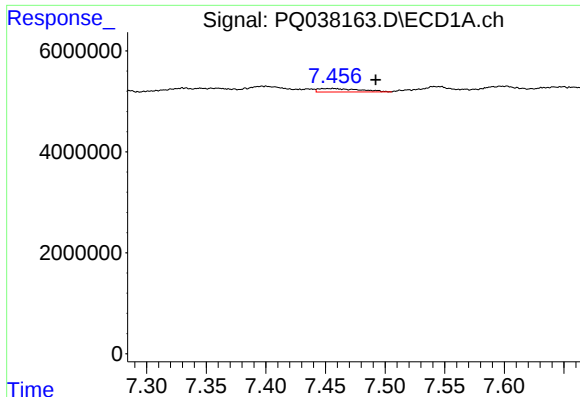
#32 AR-1260-2

R.T.: 7.148 min
Delta R.T.: 0.006 min
Response: 471506
Conc: 1.37 ng/ml



#32 AR-1260-2

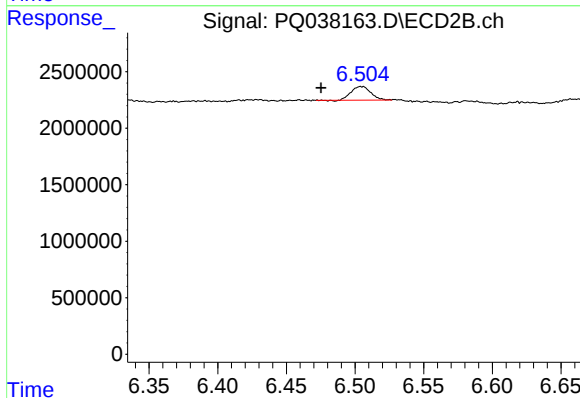
R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



#33 AR-1260-3

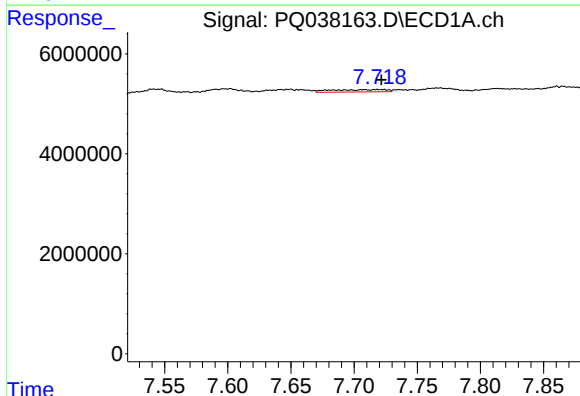
R.T.: 7.457 min
Delta R.T.: -0.035 min
Response: 1608812
Conc: 5.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



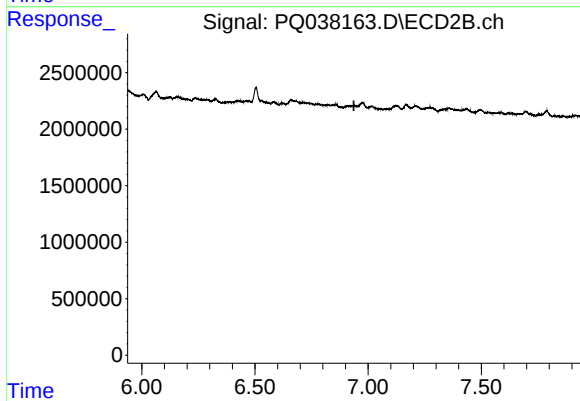
#33 AR-1260-3

R.T.: 6.505 min
Delta R.T.: 0.029 min
Response: 1180993
Conc: 6.94 ng/ml



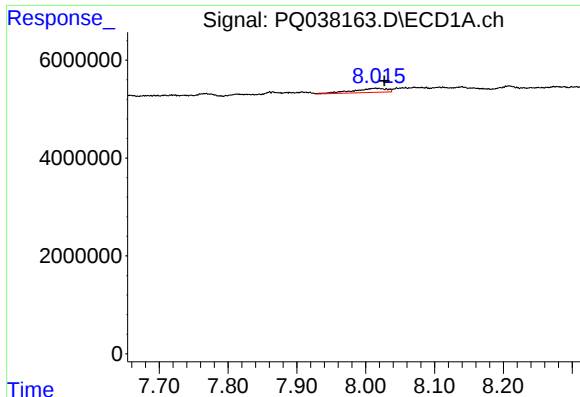
#34 AR-1260-4

R.T.: 7.719 min
Delta R.T.: -0.003 min
Response: 1423705
Conc: 5.29 ng/ml



#34 AR-1260-4

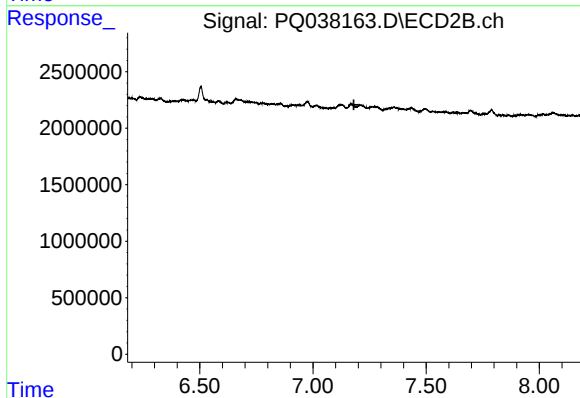
R.T.: 0.000 min
Exp R.T.: 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

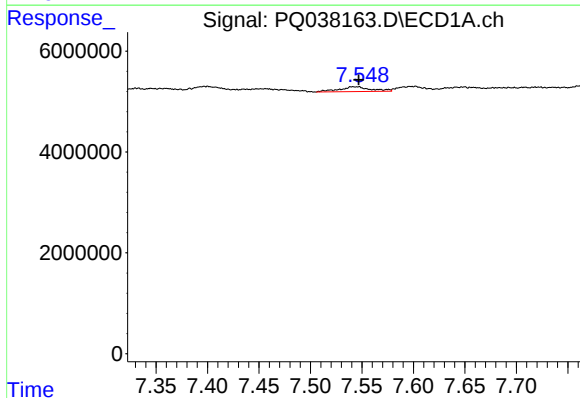
R.T.: 8.014 min
Delta R.T.: -0.013 min
Response: 2903722
Conc: 4.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



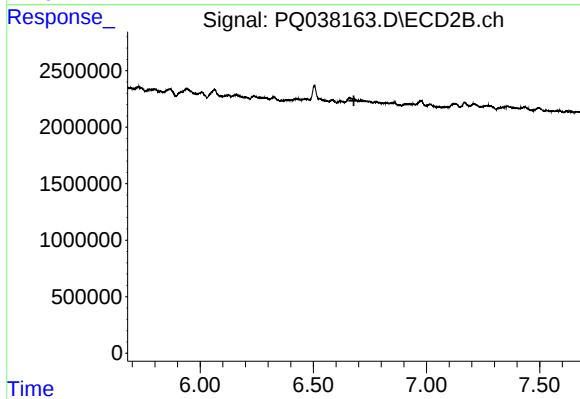
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



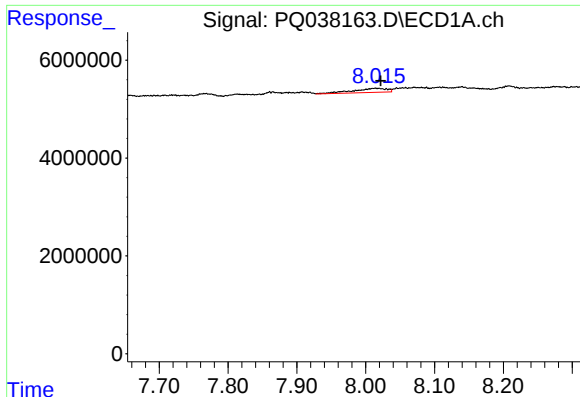
#36 AR-1262-1

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 2032981
Conc: 13.16 ng/ml



#36 AR-1262-1

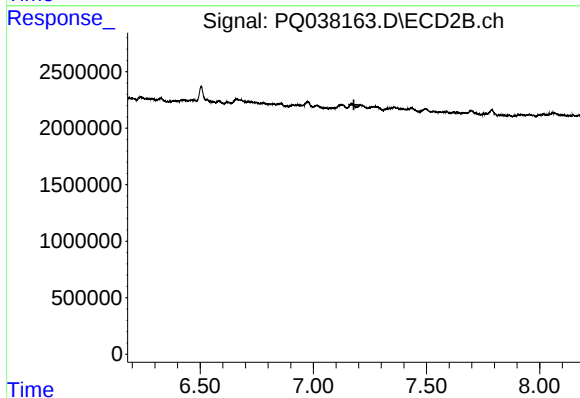
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

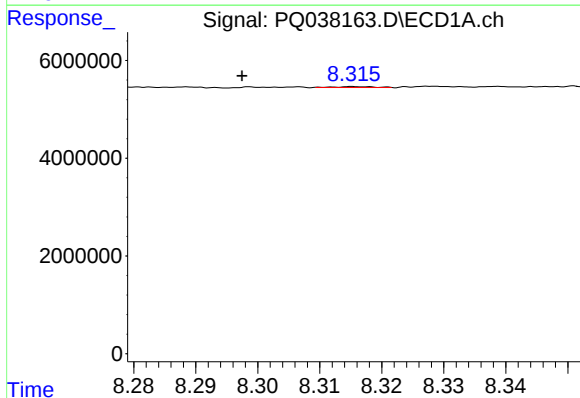
R.T.: 8.014 min
Delta R.T.: -0.008 min
Response: 2903722
Conc: 4.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



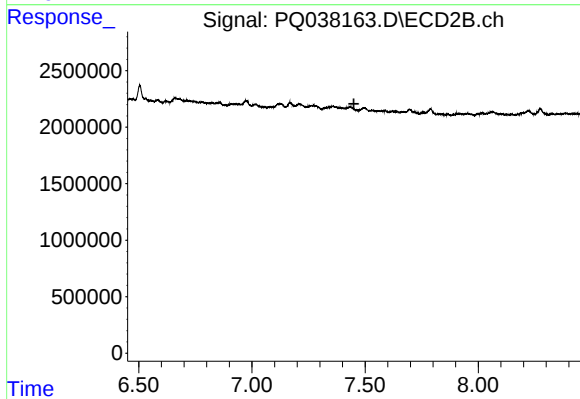
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



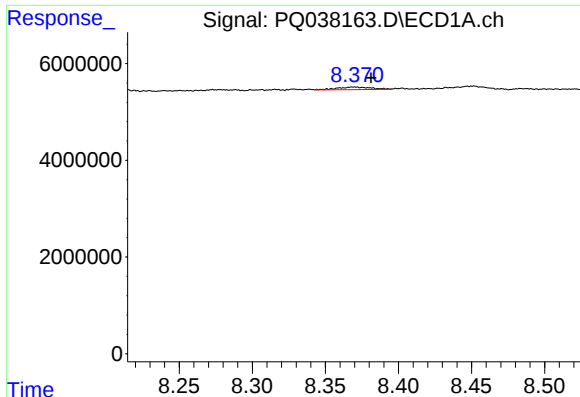
#38 AR-1262-3

R.T.: 8.316 min
Delta R.T.: 0.019 min
Response: 81892
Conc: 0.27 ng/ml



#38 AR-1262-3

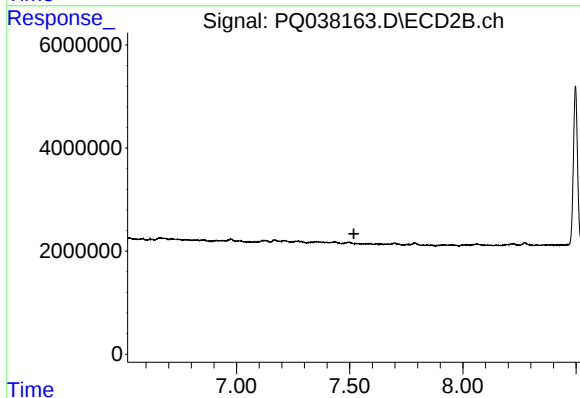
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

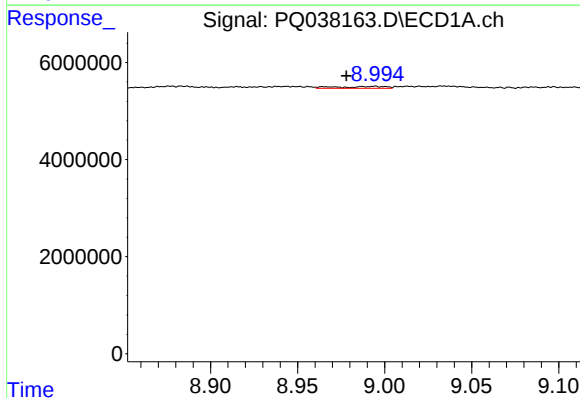
R.T.: 8.370 min
Delta R.T.: -0.011 min
Response: 887497
Conc: 2.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



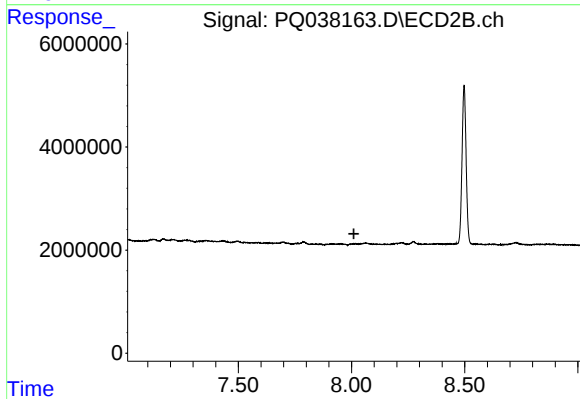
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



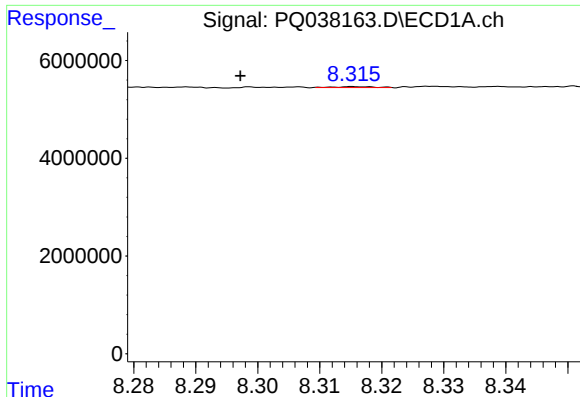
#40 AR-1262-5

R.T.: 8.994 min
Delta R.T.: 0.016 min
Response: 733036
Conc: 3.07 ng/ml



#40 AR-1262-5

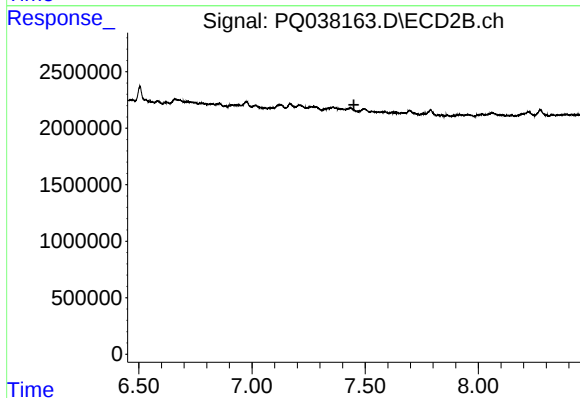
R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



#41 AR-1268-1

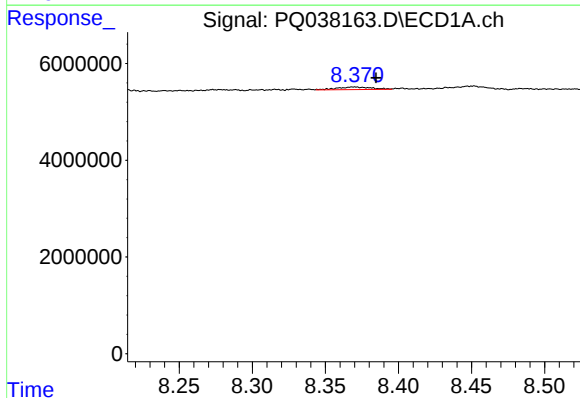
R.T.: 8.316 min
Delta R.T.: 0.019 min
Response: 81892
Conc: 0.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



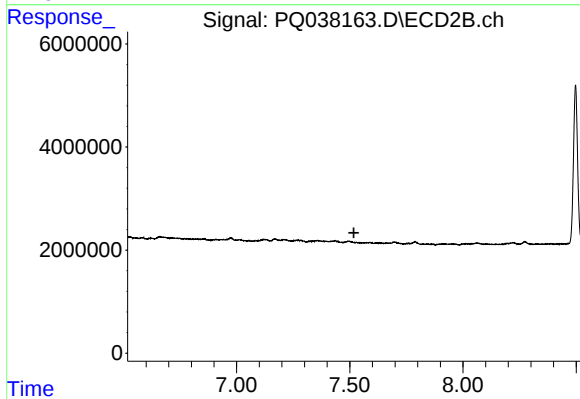
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



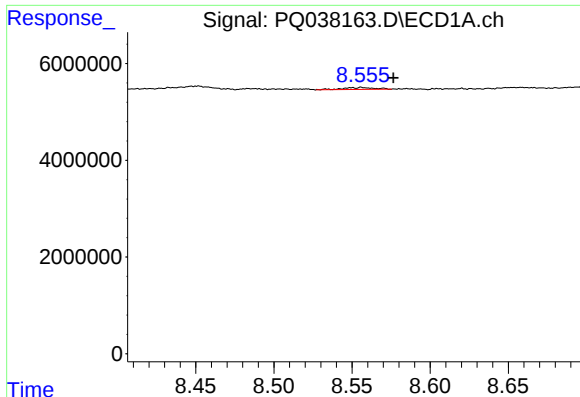
#42 AR-1268-2

R.T.: 8.370 min
Delta R.T.: -0.015 min
Response: 887497
Conc: 1.19 ng/ml



#42 AR-1268-2

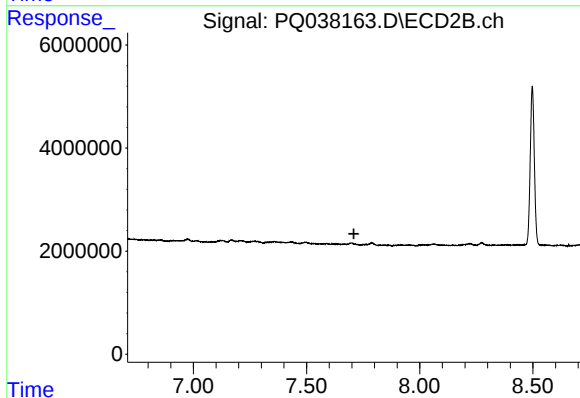
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

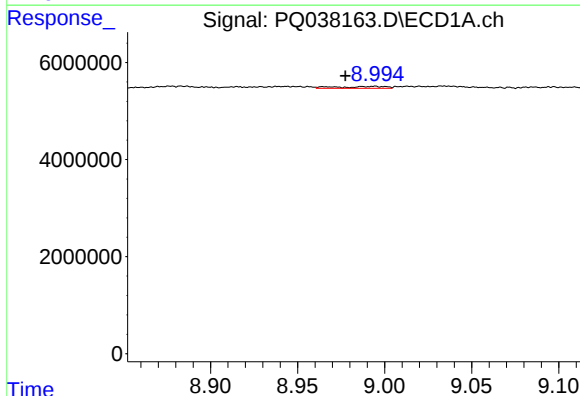
R.T.: 8.556 min
Delta R.T.: -0.020 min
Response: 555630
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



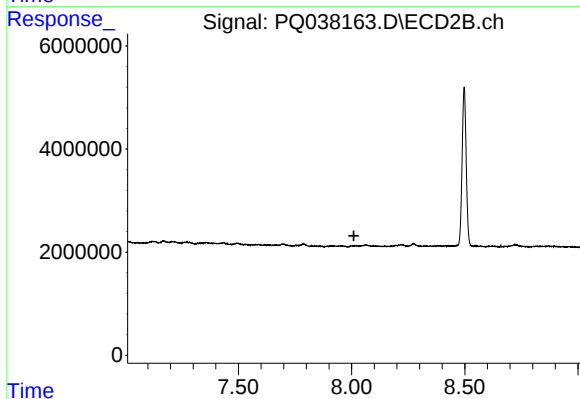
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



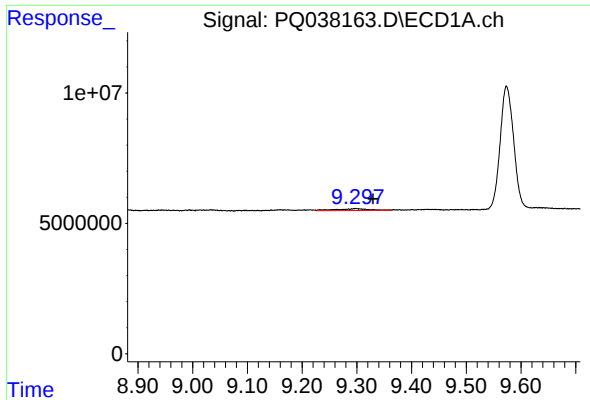
#44 AR-1268-4

R.T.: 8.994 min
Delta R.T.: 0.017 min
Response: 733036
Conc: 2.83 ng/ml



#44 AR-1268-4

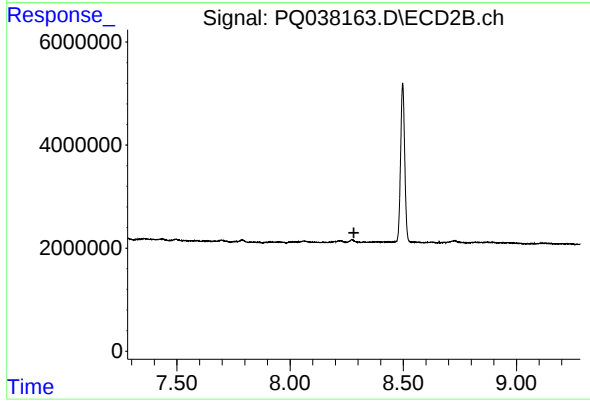
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.298 min
Delta R.T.: -0.032 min
Response: 2876089
Conc: 1.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
031619-LIFT-E-U-B



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.