

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032319\
 Data File : PQ038167.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2019 21:40
 Operator : SM\SJ
 Sample : K2034-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 23:00:23 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...	4.170	3.630	107.8E6	54322769	18.531	17.589
2)	SA Decachlor...	9.572	8.496	1030716	46642914	0.214	20.834 #
Target Compounds							
3)	L1 AR-1016-1	5.327	0.000	820915	0	4.079	N.D. #
4)	L1 AR-1016-2	5.367	0.000	3769052	0	12.010	N.D. #
5)	L1 AR-1016-3	5.419	4.926	489505	2797294	2.688	32.454 #
6)	L1 AR-1016-4	5.493	4.926	2817994	2797294	18.837	40.436 #
7)	L1 AR-1016-5	5.801	0.000	799786	0	5.508	N.D. #
8)	L2 AR-1221-1	4.396	3.799	3526610	3243318	55.580	94.535 #
9)	L2 AR-1221-2	4.469	0.000	15040267	0	325.127	N.D. #
10)	L2 AR-1221-3	4.567	4.014	17937417	5020430	117.361	58.691 #
11)	L3 AR-1232-1	4.567	4.014	17937417	5020430	144.129	74.893 #
12)	L3 AR-1232-2	5.055	0.000	7643856	0	129.810	N.D. #
13)	L3 AR-1232-3	5.367	4.926	3769052	2797294	30.518	83.672 #
14)	L3 AR-1232-4	5.493	4.926	2817994	2797294	48.383	97.202 #
15)	L3 AR-1232-5	5.569	0.000	7386948	0	172.796	N.D. #
16)	L4 AR-1242-1	5.327	0.000	820915	0	4.996	N.D. #
17)	L4 AR-1242-2	5.367	0.000	3769052	0	14.771	N.D. #
18)	L4 AR-1242-3	5.419	4.926	489505	2797294	3.319	40.478 #
19)	L4 AR-1242-4	5.493	4.926	2817994	2797294	23.021	43.823 #
20)	L4 AR-1242-5	6.198	0.000	3031911	0	22.190	N.D. #
21)	L5 AR-1248-1	5.327	0.000	820915	0	5.183	N.D. #
22)	L5 AR-1248-2	5.569	4.926	7386948	2797294	33.749	23.356 #
23)	L5 AR-1248-3	5.801	4.926	799786	2797294	3.255	23.049 #
24)	L5 AR-1248-4	6.198	0.000	3031911	0	10.840	N.D. #
25)	L5 AR-1248-5	6.198	0.000	3031911	0	11.437	N.D. #
26)	L6 AR-1254-1	6.142	0.000	6943352	0	35.342	N.D. #
27)	L6 AR-1254-2	6.363	0.000	3158949	0	10.307	N.D. #
28)	L6 AR-1254-3	6.735	0.000	1786250	0	5.736	N.D. #
29)	L6 AR-1254-4	6.991	0.000	718390	0	2.830	N.D. #
30)	L6 AR-1254-5	7.453	0.000	1356234	0	4.596	N.D. #
31)	L7 AR-1260-1	6.907	0.000	412479	0	1.593	N.D. #
32)	L7 AR-1260-2	7.135	0.000	452210	0	1.312	N.D. #
33)	L7 AR-1260-3	7.488	6.504	872613	1854723	3.077	10.891 #
34)	L7 AR-1260-4	7.720	0.000	648238	0	2.408	N.D. #
35)	L7 AR-1260-5	8.040	0.000	606939	0	0.963	N.D. #
36)	L8 AR-1262-1	7.544	0.000	1206622	0	7.813	N.D. #
37)	L8 AR-1262-2	8.008	0.000	1392155	0	1.985	N.D. #
38)	L8 AR-1262-3	8.329	0.000	329560	0	1.100	N.D. #
39)	L8 AR-1262-4	8.365	0.000	938714	0	2.707	N.D. #
40)	L8 AR-1262-5	8.998	0.000	770341	0	3.224	N.D. #
41)	L9 AR-1268-1	8.329	0.000	329560	0	0.400	N.D. #

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 Sample : K2034-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

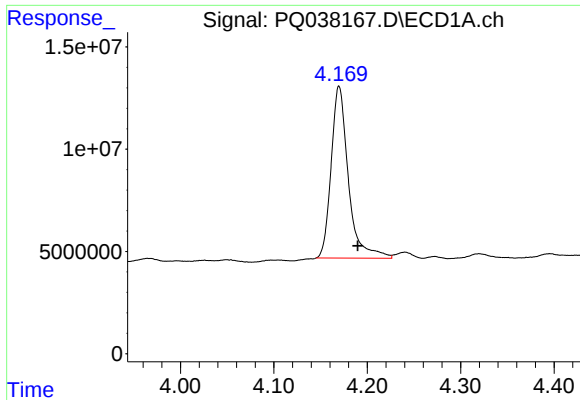
Instrument :
 ECD_Q
 ClientSampleId :
 031619-LIFT-E-U-S

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 23:00:23 2019
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 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	8.365	0.000	938714	0	1.257	N.D.	#
43)	L9 AR-1268-3	8.552	0.000	1307500	0	1.994	N.D.	#
44)	L9 AR-1268-4	8.998	0.000	770341	0	2.976	N.D.	#
45)	L9 AR-1268-5	9.325	0.000	202056	0	0.104	N.D.	#

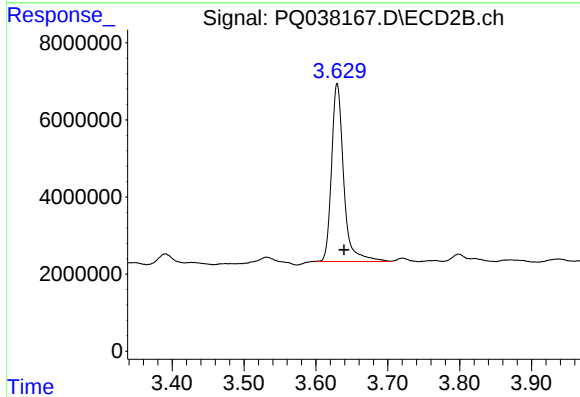
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

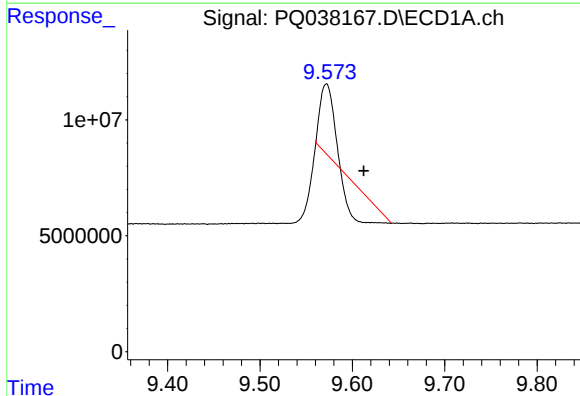
R.T.: 4.170 min
Delta R.T.: -0.020 min
Response: 107824165
Conc: 18.53 ng/ml

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



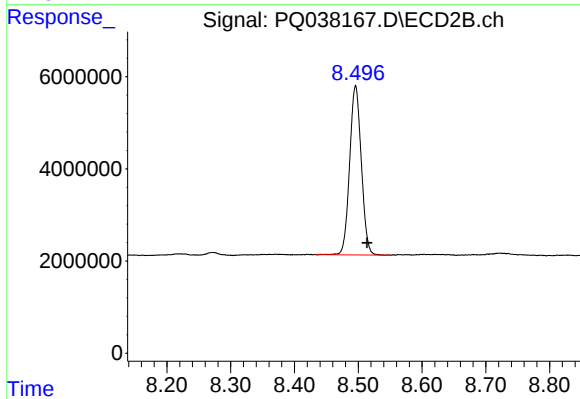
#1 Tetrachloro-m-xylene

R.T.: 3.630 min
Delta R.T.: -0.009 min
Response: 54322769
Conc: 17.59 ng/ml



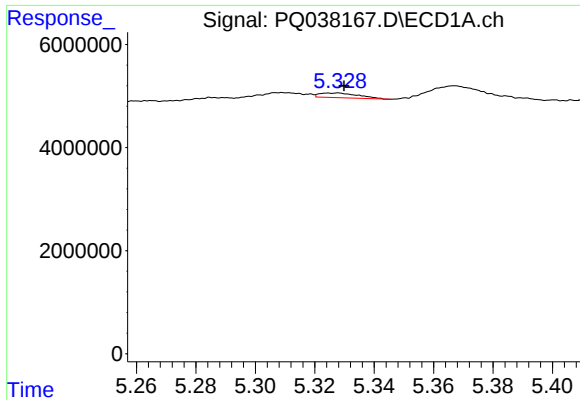
#2 Decachlorobiphenyl

R.T.: 9.572 min
Delta R.T.: -0.040 min
Response: 1030716
Conc: 0.21 ng/ml



#2 Decachlorobiphenyl

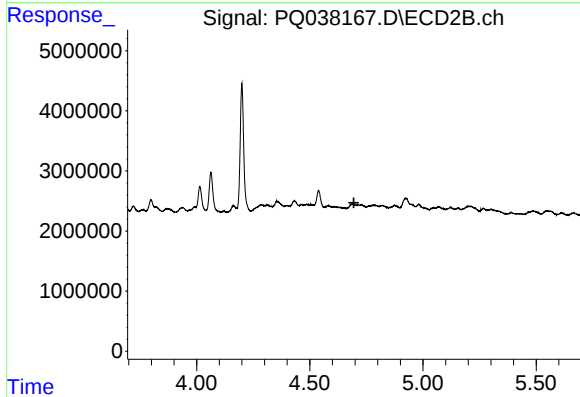
R.T.: 8.496 min
Delta R.T.: -0.018 min
Response: 46642914
Conc: 20.83 ng/ml



#3 AR-1016-1

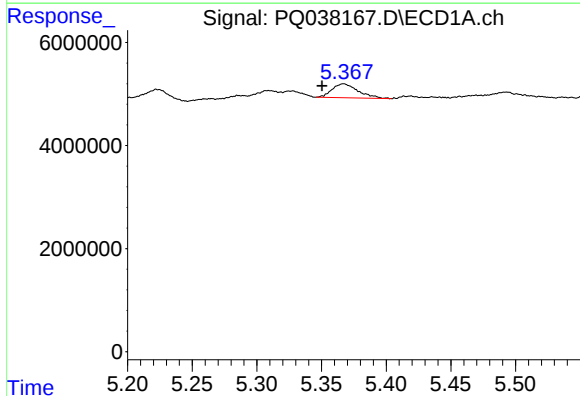
R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 820915
Conc: 4.08 ng/ml

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



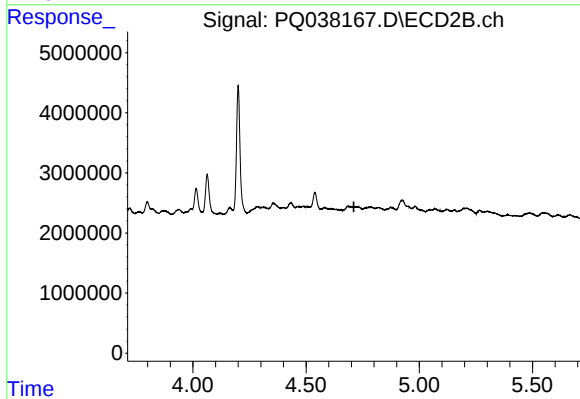
#3 AR-1016-1

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



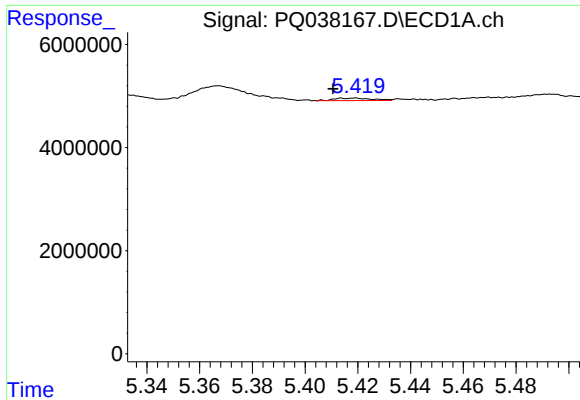
#4 AR-1016-2

R.T.: 5.367 min
Delta R.T.: 0.016 min
Response: 3769052
Conc: 12.01 ng/ml



#4 AR-1016-2

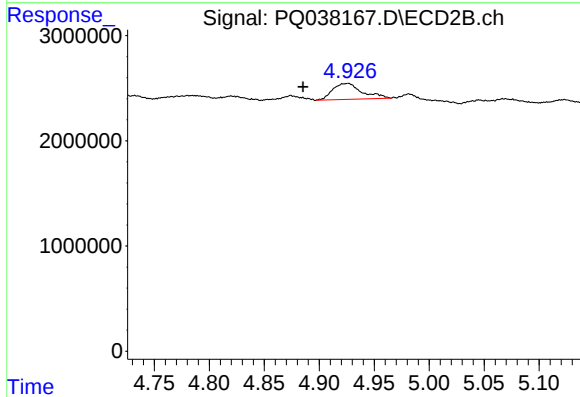
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

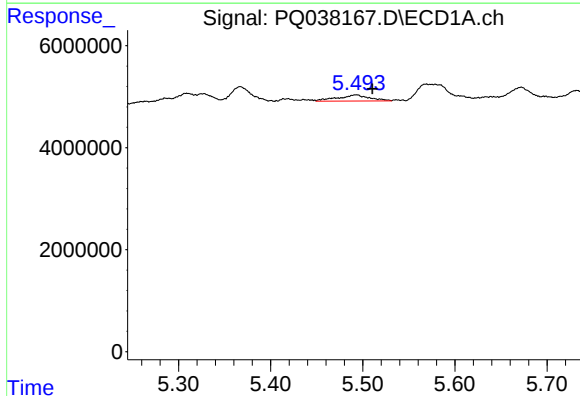
R.T.: 5.419 min
Delta R.T.: 0.008 min
Response: 489505
Conc: 2.69 ng/ml

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



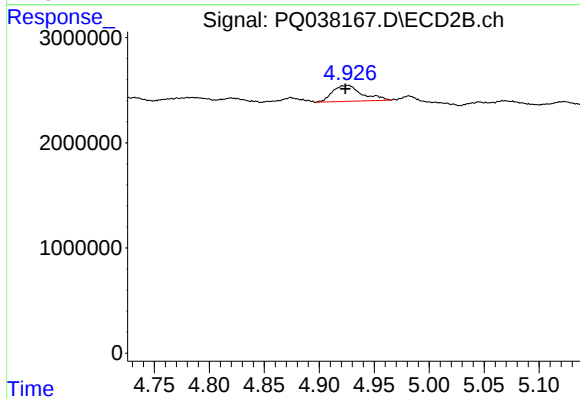
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: 0.041 min
Response: 2797294
Conc: 32.45 ng/ml



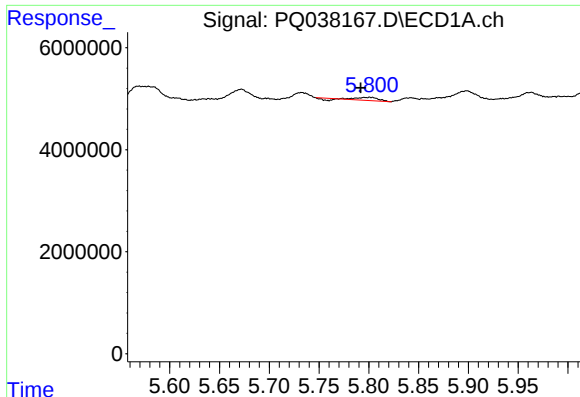
#6 AR-1016-4

R.T.: 5.493 min
Delta R.T.: -0.017 min
Response: 2817994
Conc: 18.84 ng/ml



#6 AR-1016-4

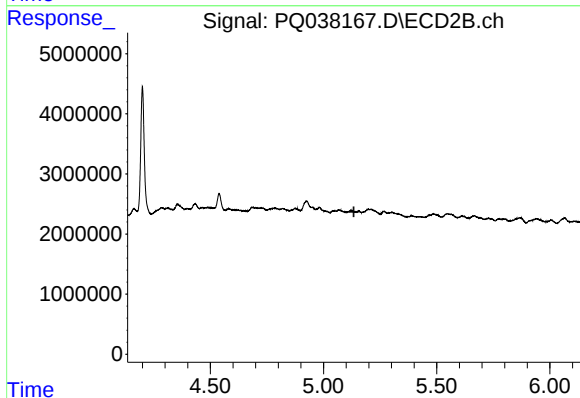
R.T.: 4.926 min
Delta R.T.: 0.002 min
Response: 2797294
Conc: 40.44 ng/ml



#7 AR-1016-5

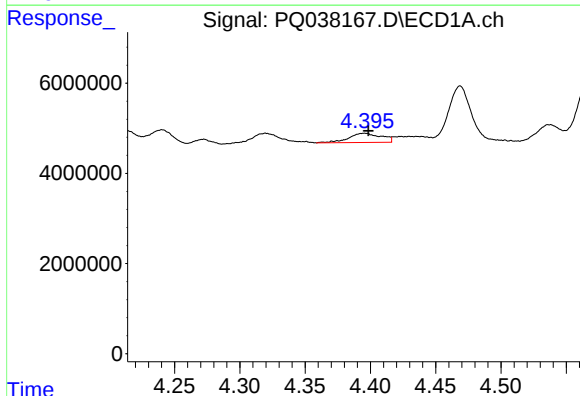
R.T.: 5.801 min
Delta R.T.: 0.009 min
Response: 799786
Conc: 5.51 ng/ml

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



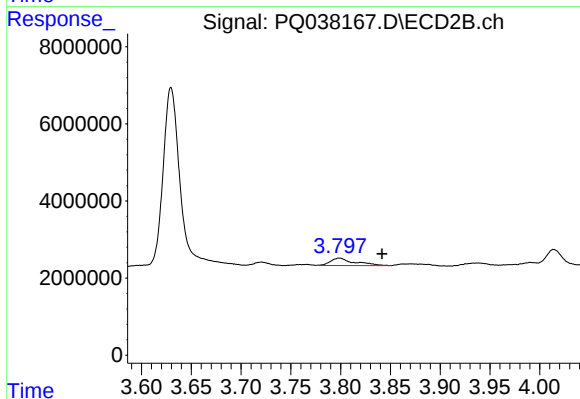
#7 AR-1016-5

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



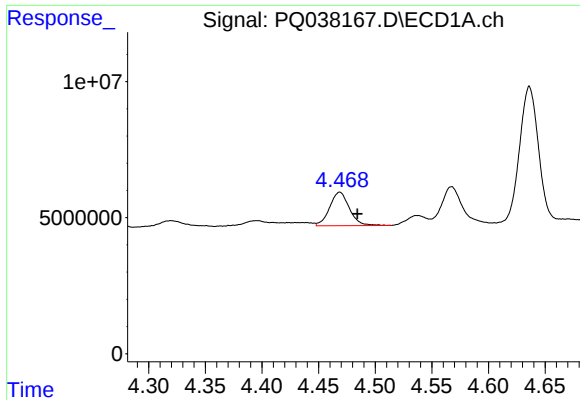
#8 AR-1221-1

R.T.: 4.396 min
Delta R.T.: -0.003 min
Response: 3526610
Conc: 55.58 ng/ml



#8 AR-1221-1

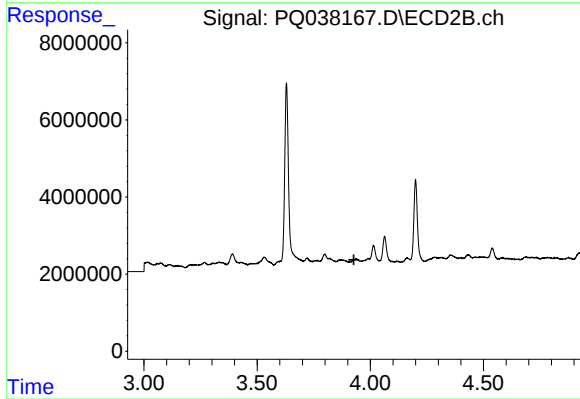
R.T.: 3.799 min
Delta R.T.: -0.043 min
Response: 3243318
Conc: 94.53 ng/ml



#9 AR-1221-2

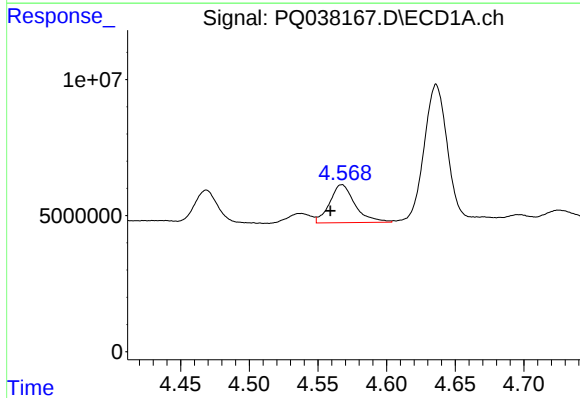
R.T.: 4.469 min
Delta R.T.: -0.016 min
Response: 15040267
Conc: 325.13 ng/ml

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



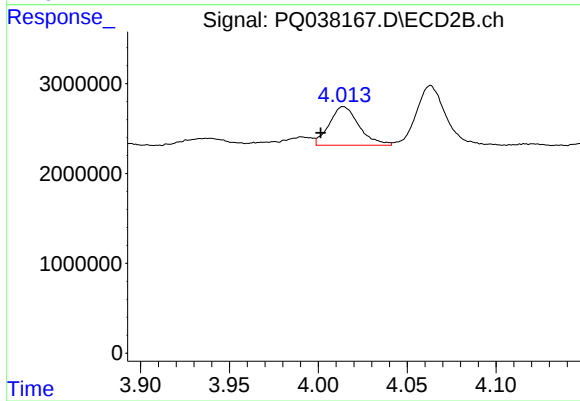
#9 AR-1221-2

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



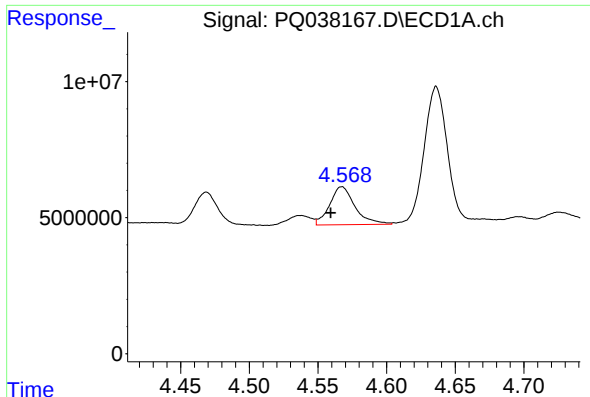
#10 AR-1221-3

R.T.: 4.567 min
Delta R.T.: 0.008 min
Response: 17937417
Conc: 117.36 ng/ml



#10 AR-1221-3

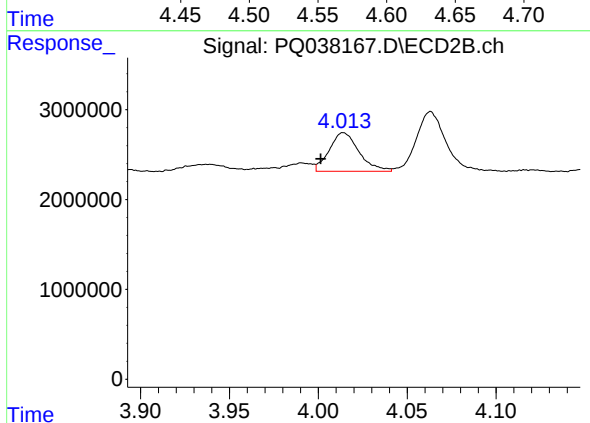
R.T.: 4.014 min
Delta R.T.: 0.013 min
Response: 5020430
Conc: 58.69 ng/ml



#11 AR-1232-1

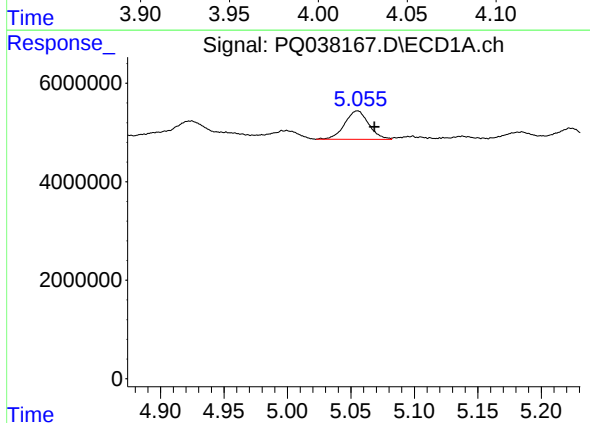
R.T.: 4.567 min
Delta R.T.: 0.008 min
Response: 17937417
Conc: 144.13 ng/ml

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



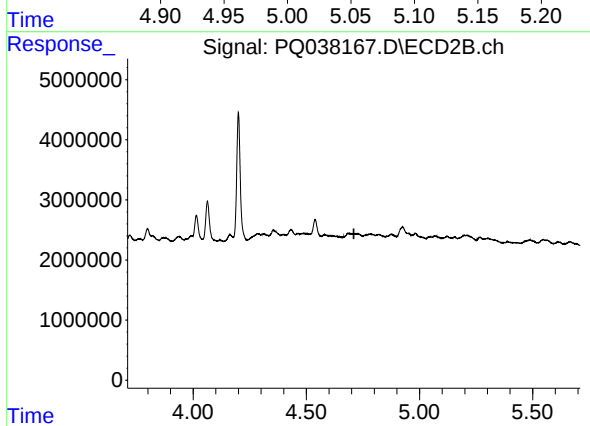
#11 AR-1232-1

R.T.: 4.014 min
Delta R.T.: 0.013 min
Response: 5020430
Conc: 74.89 ng/ml



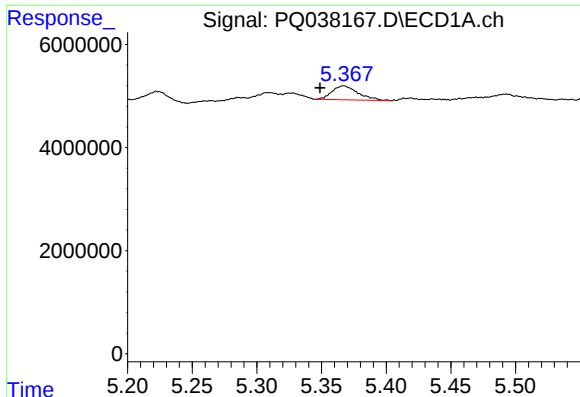
#12 AR-1232-2

R.T.: 5.055 min
Delta R.T.: -0.013 min
Response: 7643856
Conc: 129.81 ng/ml



#12 AR-1232-2

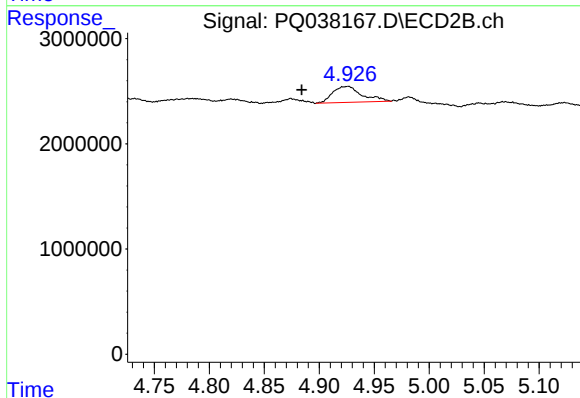
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#13 AR-1232-3

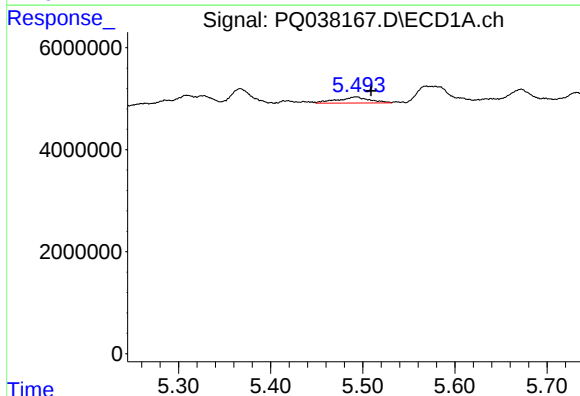
R.T.: 5.367 min
Delta R.T.: 0.018 min
Response: 3769052
Conc: 30.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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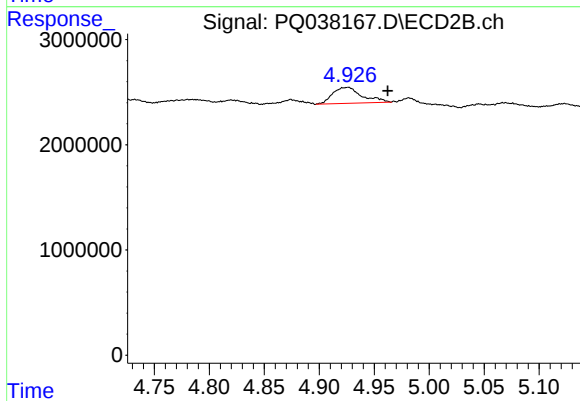
#13 AR-1232-3

R.T.: 4.926 min
Delta R.T.: 0.042 min
Response: 2797294
Conc: 83.67 ng/ml



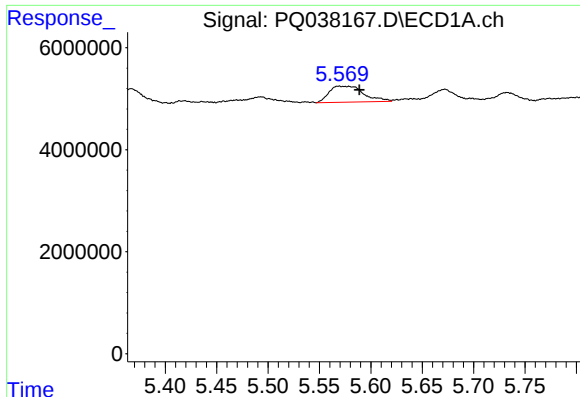
#14 AR-1232-4

R.T.: 5.493 min
Delta R.T.: -0.016 min
Response: 2817994
Conc: 48.38 ng/ml



#14 AR-1232-4

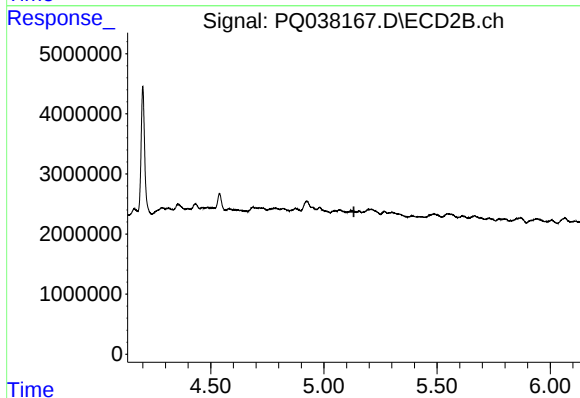
R.T.: 4.926 min
Delta R.T.: -0.036 min
Response: 2797294
Conc: 97.20 ng/ml



#15 AR-1232-5

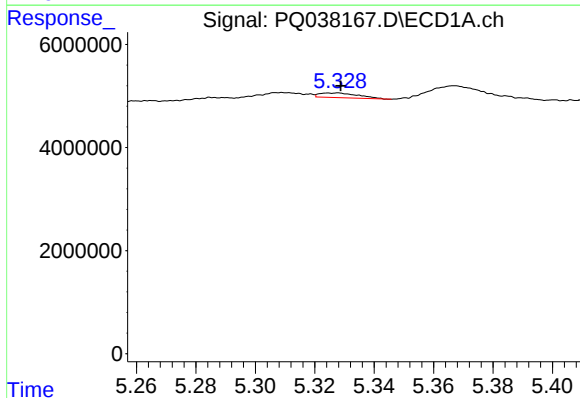
R.T.: 5.569 min
Delta R.T.: -0.020 min
Response: 7386948
Conc: 172.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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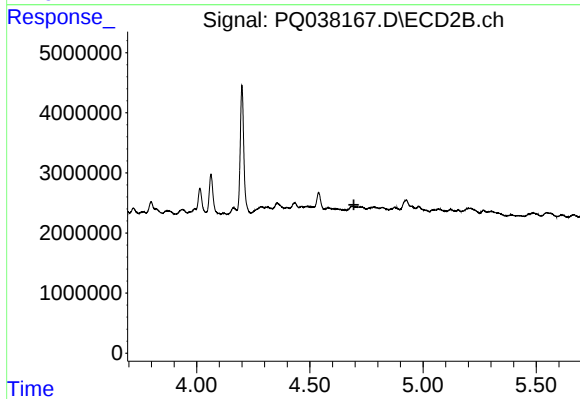
#15 AR-1232-5

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



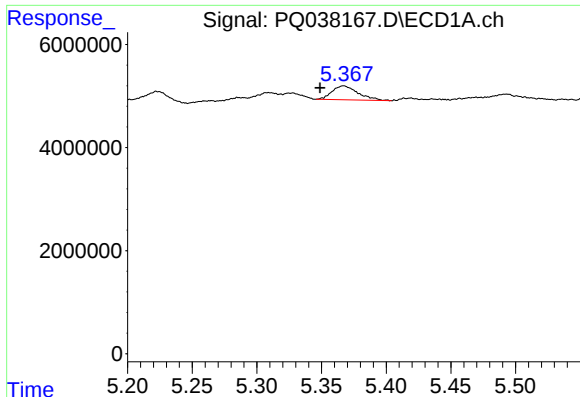
#16 AR-1242-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 820915
Conc: 5.00 ng/ml



#16 AR-1242-1

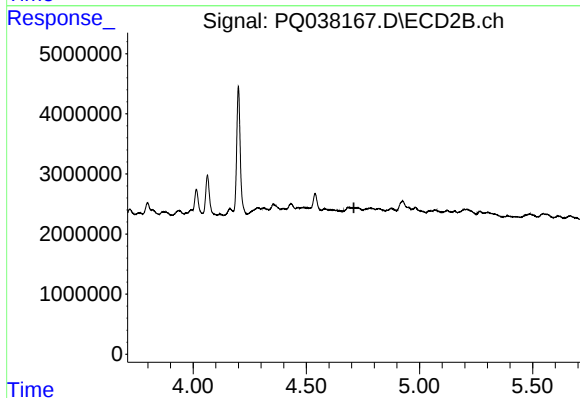
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#17 AR-1242-2

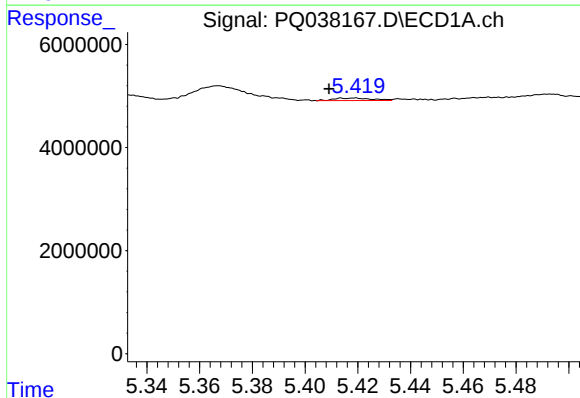
R.T.: 5.367 min
Delta R.T.: 0.018 min
Response: 3769052
Conc: 14.77 ng/ml

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



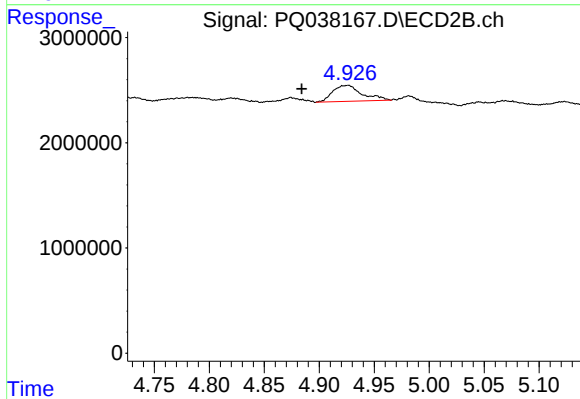
#17 AR-1242-2

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



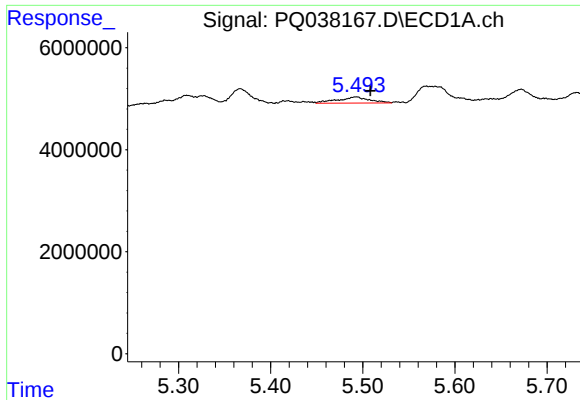
#18 AR-1242-3

R.T.: 5.419 min
Delta R.T.: 0.010 min
Response: 489505
Conc: 3.32 ng/ml



#18 AR-1242-3

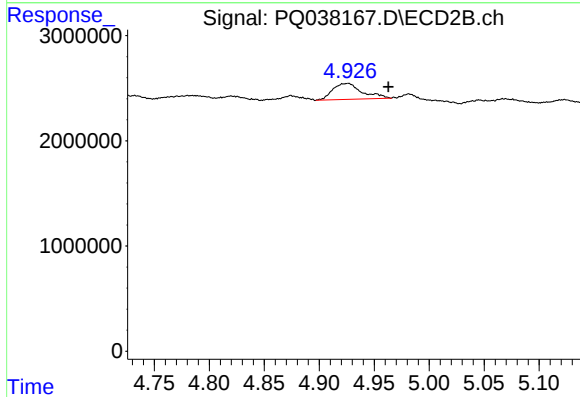
R.T.: 4.926 min
Delta R.T.: 0.042 min
Response: 2797294
Conc: 40.48 ng/ml



#19 AR-1242-4

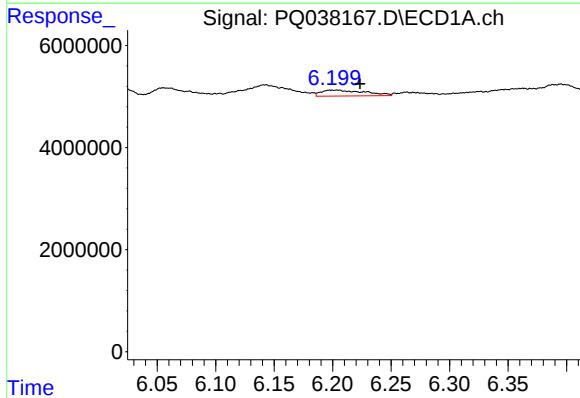
R.T.: 5.493 min
Delta R.T.: -0.015 min
Response: 2817994
Conc: 23.02 ng/ml

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



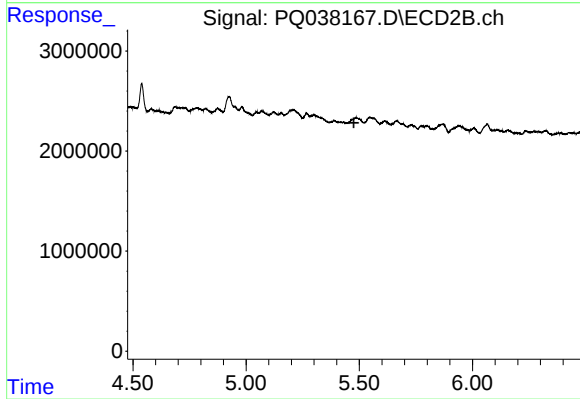
#19 AR-1242-4

R.T.: 4.926 min
Delta R.T.: -0.037 min
Response: 2797294
Conc: 43.82 ng/ml



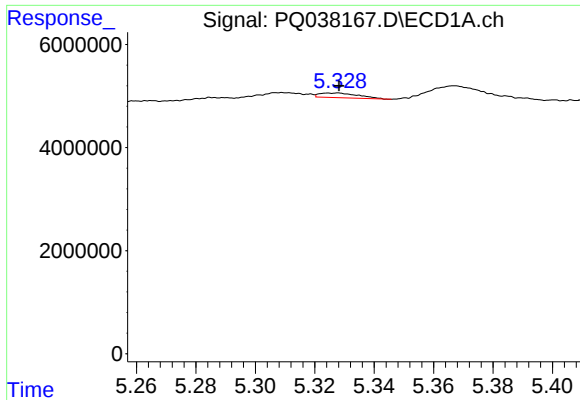
#20 AR-1242-5

R.T.: 6.198 min
Delta R.T.: -0.025 min
Response: 3031911
Conc: 22.19 ng/ml



#20 AR-1242-5

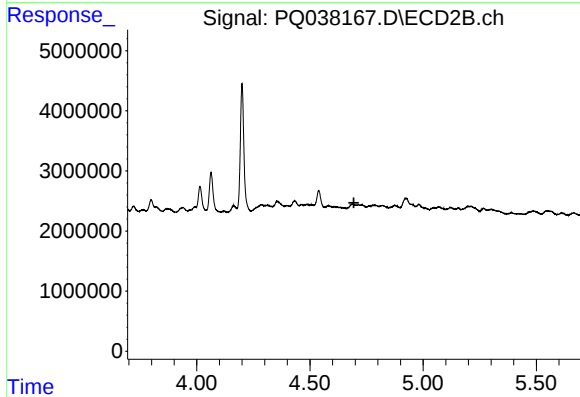
R.T.: 0.000 min
Exp R.T.: 5.476 min
Response: 0
Conc: N.D.



#21 AR-1248-1

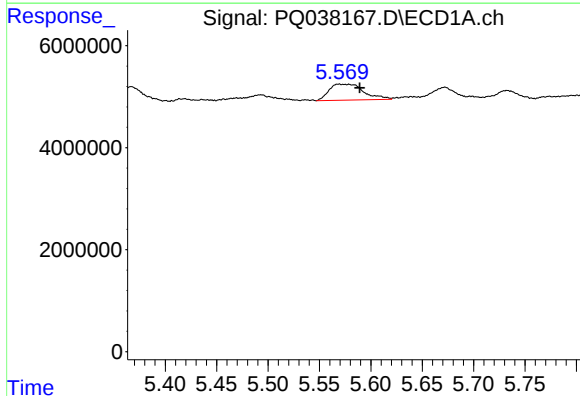
R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 820915
Conc: 5.18 ng/ml

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



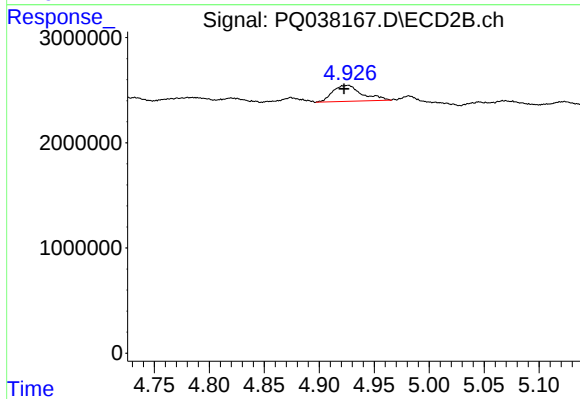
#21 AR-1248-1

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



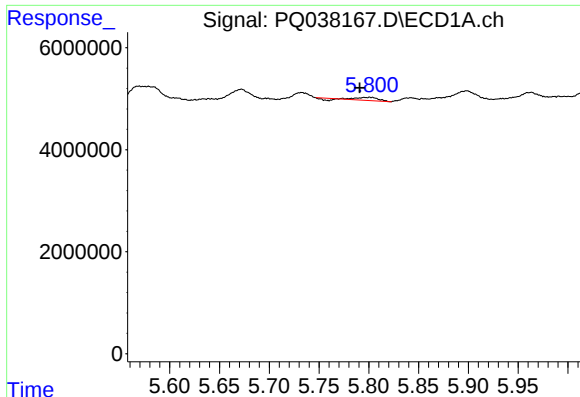
#22 AR-1248-2

R.T.: 5.569 min
Delta R.T.: -0.020 min
Response: 7386948
Conc: 33.75 ng/ml



#22 AR-1248-2

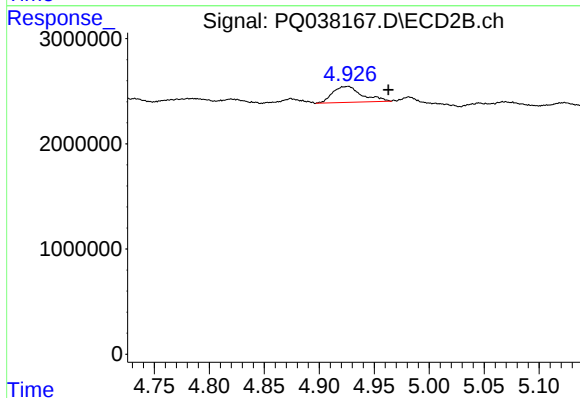
R.T.: 4.926 min
Delta R.T.: 0.003 min
Response: 2797294
Conc: 23.36 ng/ml



#23 AR-1248-3

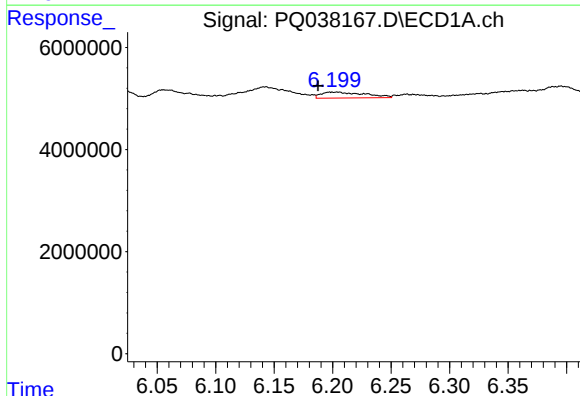
R.T.: 5.801 min
Delta R.T.: 0.010 min
Response: 799786
Conc: 3.26 ng/ml

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



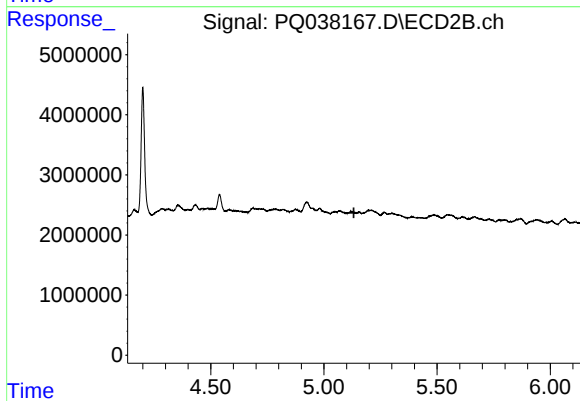
#23 AR-1248-3

R.T.: 4.926 min
Delta R.T.: -0.037 min
Response: 2797294
Conc: 23.05 ng/ml



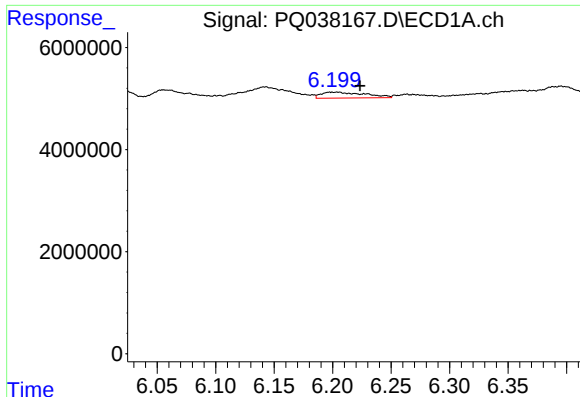
#24 AR-1248-4

R.T.: 6.198 min
Delta R.T.: 0.011 min
Response: 3031911
Conc: 10.84 ng/ml



#24 AR-1248-4

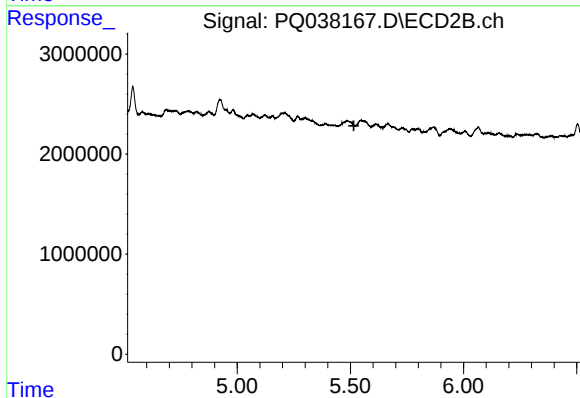
R.T.: 0.000 min
Exp R.T.: 5.133 min
Response: 0
Conc: N.D.



#25 AR-1248-5

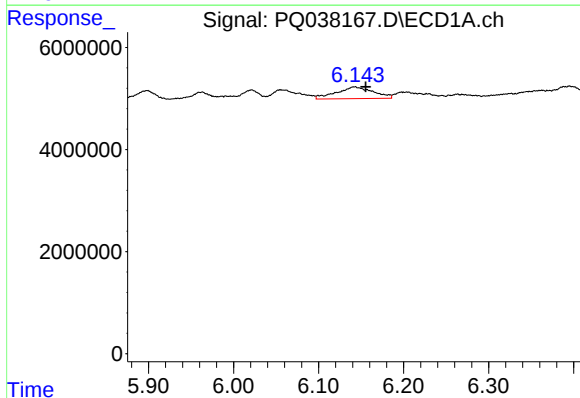
R.T.: 6.198 min
Delta R.T.: -0.025 min
Response: 3031911
Conc: 11.44 ng/ml

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



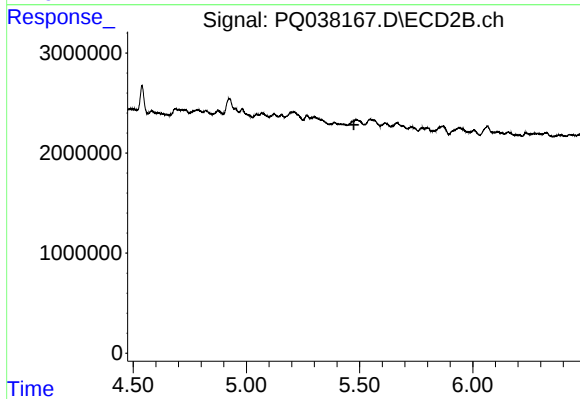
#25 AR-1248-5

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



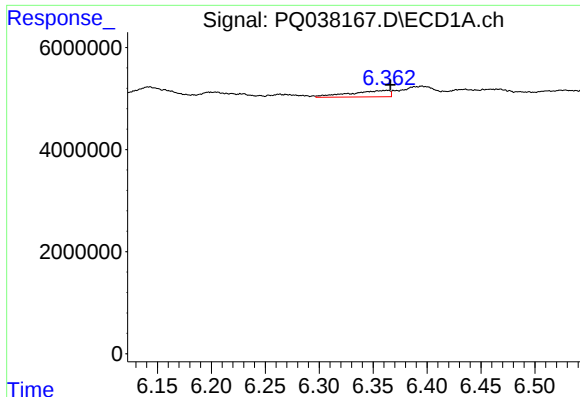
#26 AR-1254-1

R.T.: 6.142 min
Delta R.T.: -0.013 min
Response: 6943352
Conc: 35.34 ng/ml



#26 AR-1254-1

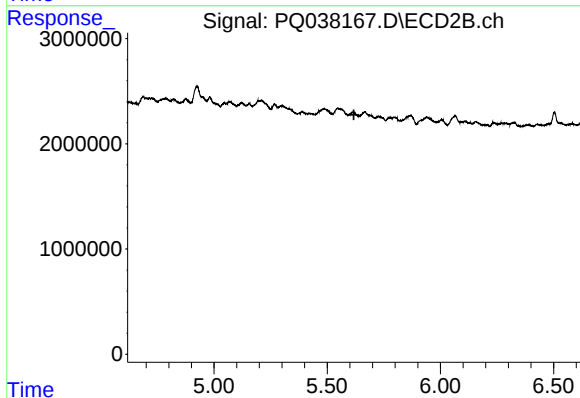
R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



#27 AR-1254-2

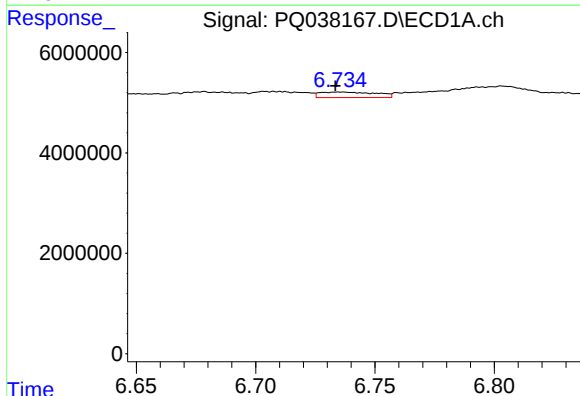
R.T.: 6.363 min
Delta R.T.: -0.003 min
Response: 3158949
Conc: 10.31 ng/ml

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



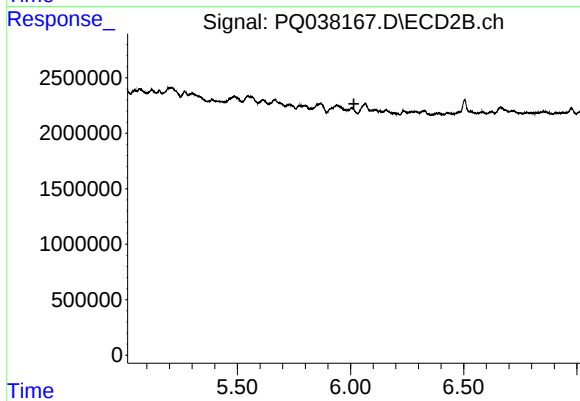
#27 AR-1254-2

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



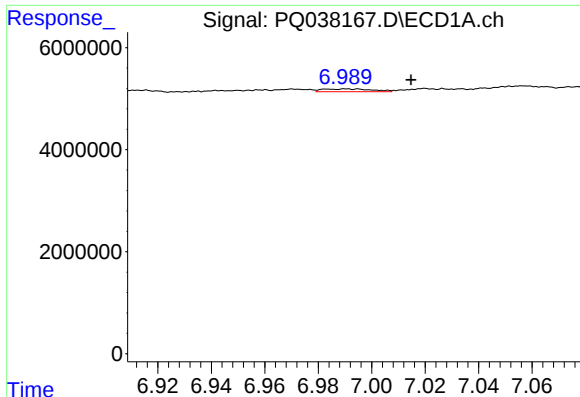
#28 AR-1254-3

R.T.: 6.735 min
Delta R.T.: 0.002 min
Response: 1786250
Conc: 5.74 ng/ml



#28 AR-1254-3

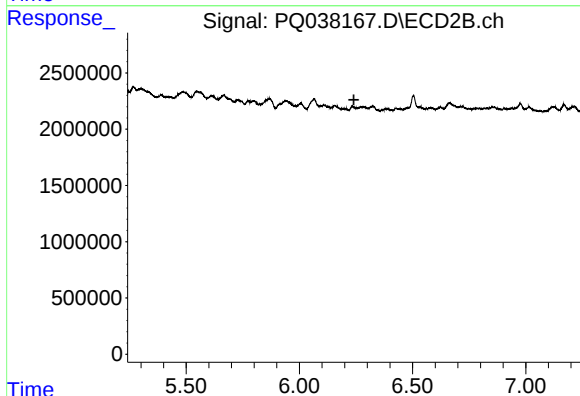
R.T.: 0.000 min
Exp R.T. : 6.015 min
Response: 0
Conc: N.D.



#29 AR-1254-4

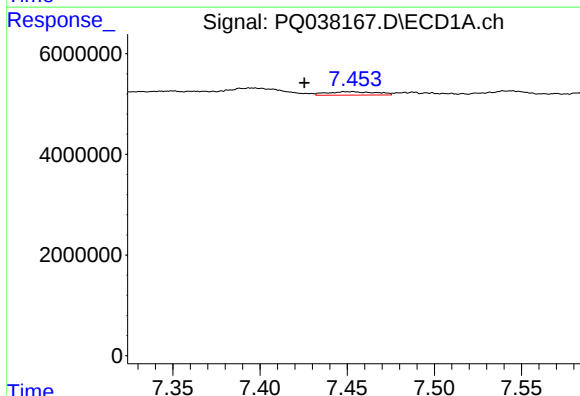
R.T.: 6.991 min
Delta R.T.: -0.024 min
Response: 718390
Conc: 2.83 ng/ml

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



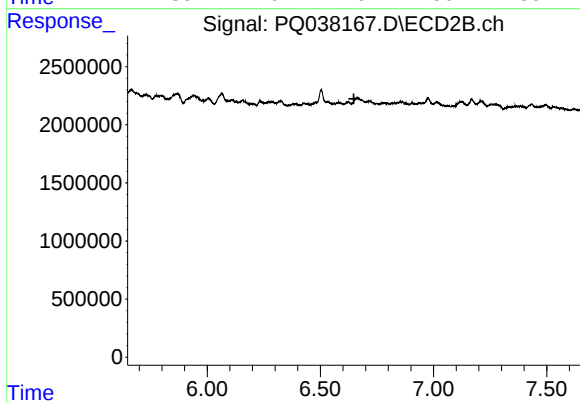
#29 AR-1254-4

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



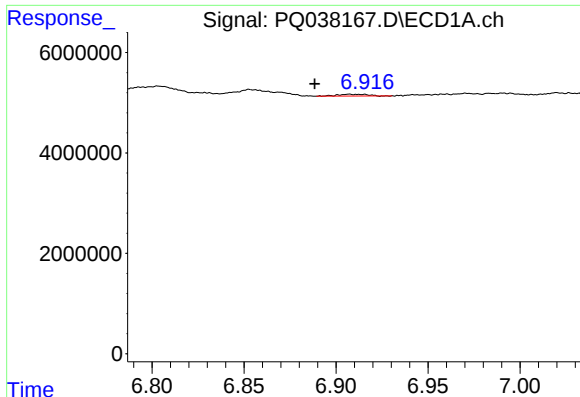
#30 AR-1254-5

R.T.: 7.453 min
Delta R.T.: 0.028 min
Response: 1356234
Conc: 4.60 ng/ml



#30 AR-1254-5

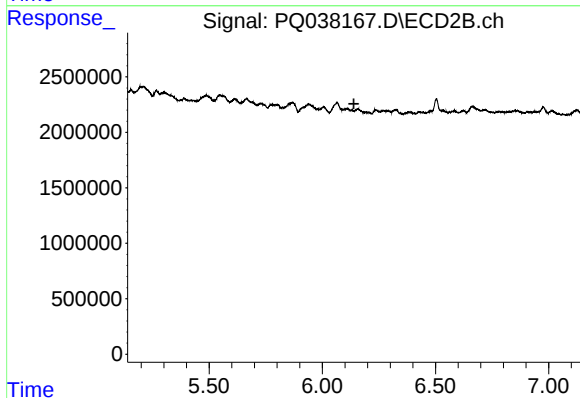
R.T.: 0.000 min
Exp R.T. : 6.648 min
Response: 0
Conc: N.D.



#31 AR-1260-1

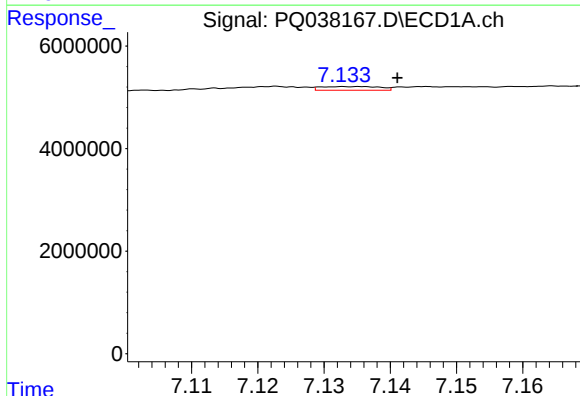
R.T.: 6.907 min
Delta R.T.: 0.019 min
Response: 412479
Conc: 1.59 ng/ml

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



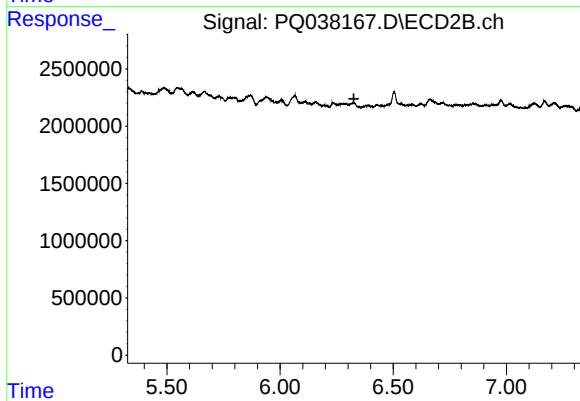
#31 AR-1260-1

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



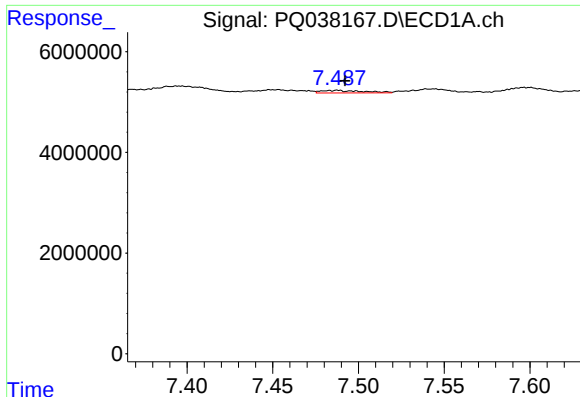
#32 AR-1260-2

R.T.: 7.135 min
Delta R.T.: -0.006 min
Response: 452210
Conc: 1.31 ng/ml



#32 AR-1260-2

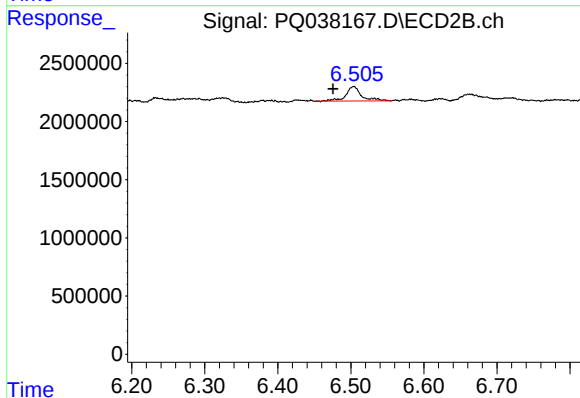
R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



#33 AR-1260-3

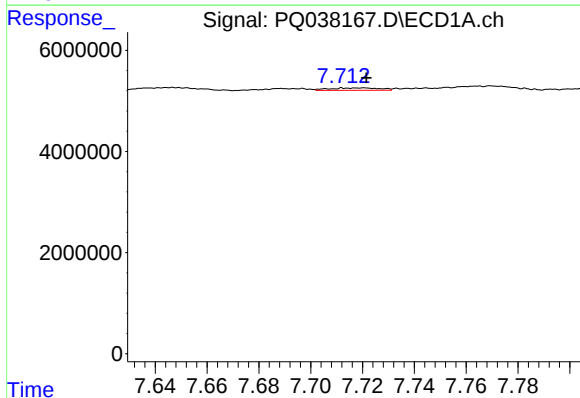
R.T.: 7.488 min
Delta R.T.: -0.004 min
Response: 872613
Conc: 3.08 ng/ml

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



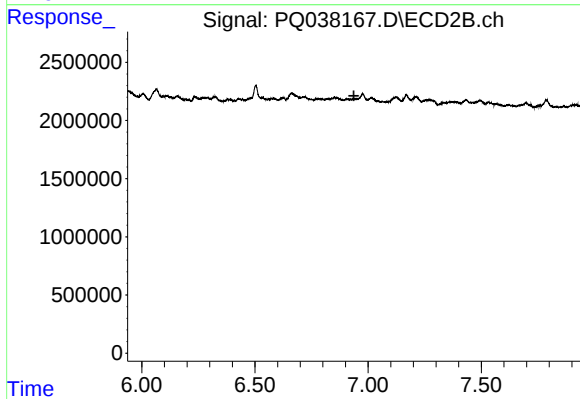
#33 AR-1260-3

R.T.: 6.504 min
Delta R.T.: 0.029 min
Response: 1854723
Conc: 10.89 ng/ml



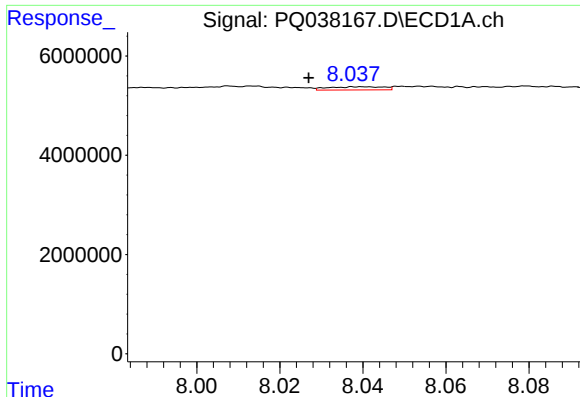
#34 AR-1260-4

R.T.: 7.720 min
Delta R.T.: -0.001 min
Response: 648238
Conc: 2.41 ng/ml



#34 AR-1260-4

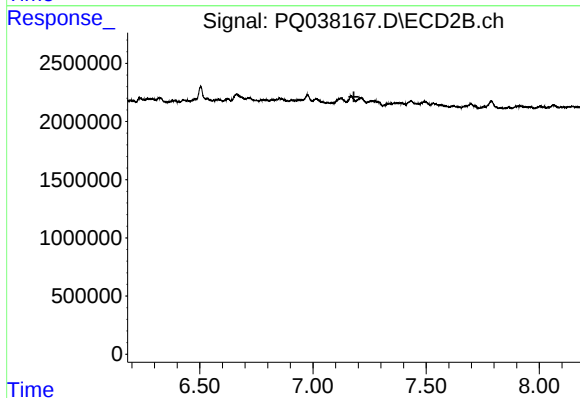
R.T.: 0.000 min
Exp R.T.: 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

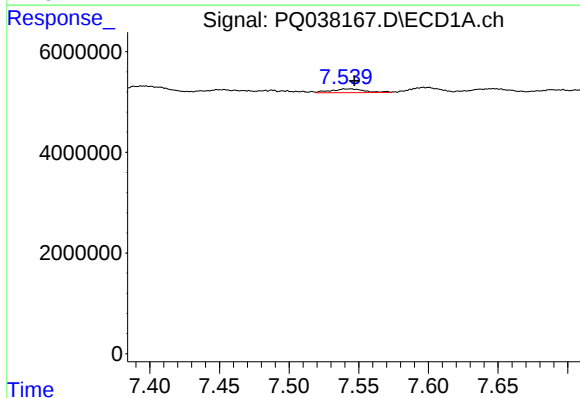
R.T.: 8.040 min
Delta R.T.: 0.013 min
Response: 606939
Conc: 0.96 ng/ml

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



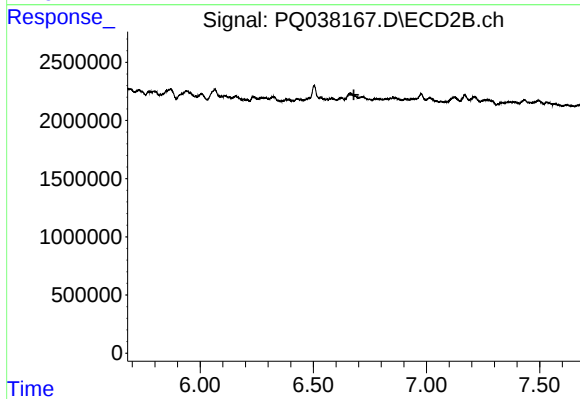
#35 AR-1260-5

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



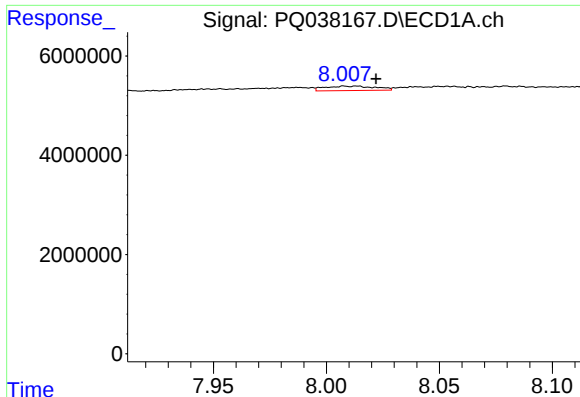
#36 AR-1262-1

R.T.: 7.544 min
Delta R.T.: -0.003 min
Response: 1206622
Conc: 7.81 ng/ml



#36 AR-1262-1

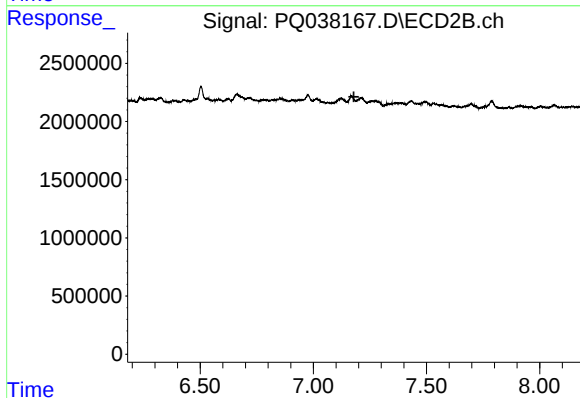
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

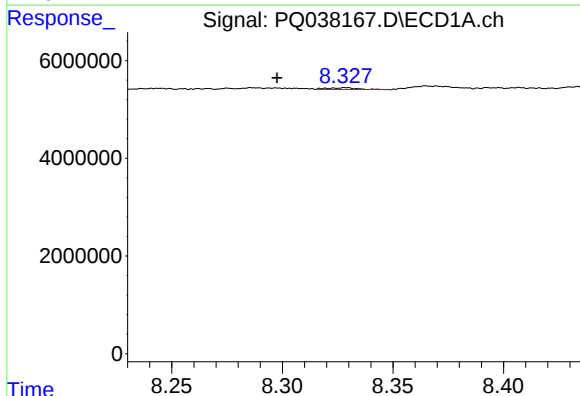
R.T.: 8.008 min
Delta R.T.: -0.014 min
Response: 1392155
Conc: 1.98 ng/ml

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



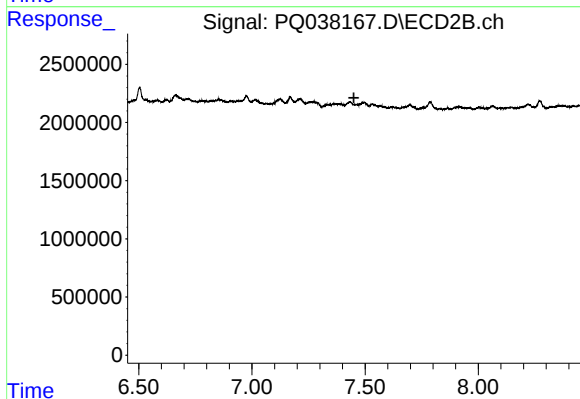
#37 AR-1262-2

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



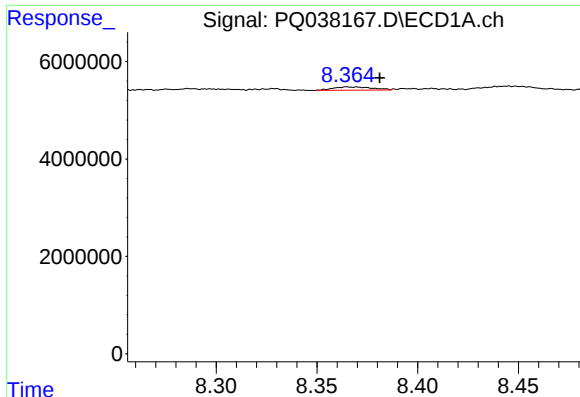
#38 AR-1262-3

R.T.: 8.329 min
Delta R.T.: 0.031 min
Response: 329560
Conc: 1.10 ng/ml



#38 AR-1262-3

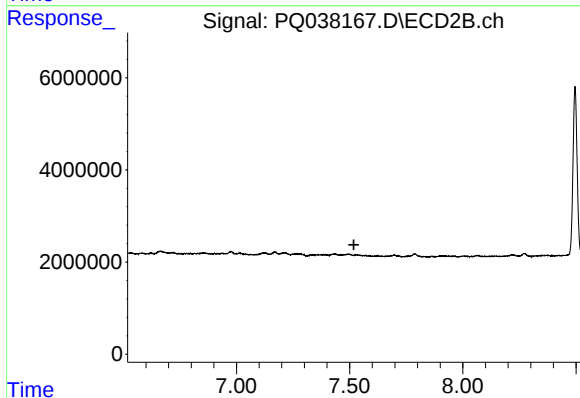
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

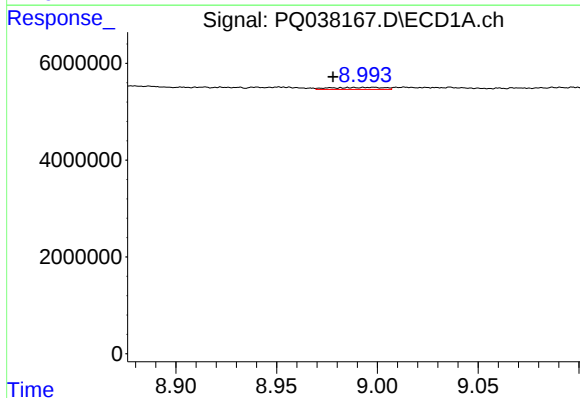
R.T.: 8.365 min
Delta R.T.: -0.016 min
Response: 938714
Conc: 2.71 ng/ml

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



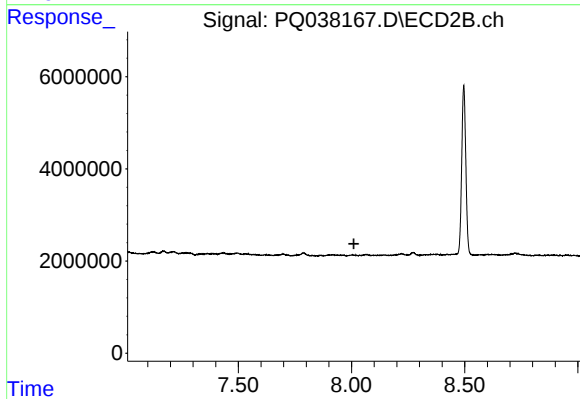
#39 AR-1262-4

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



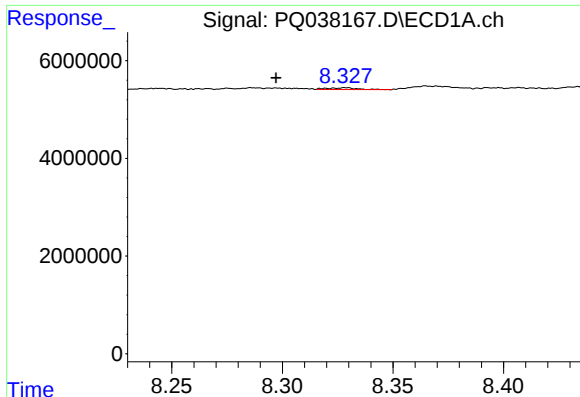
#40 AR-1262-5

R.T.: 8.998 min
Delta R.T.: 0.020 min
Response: 770341
Conc: 3.22 ng/ml



#40 AR-1262-5

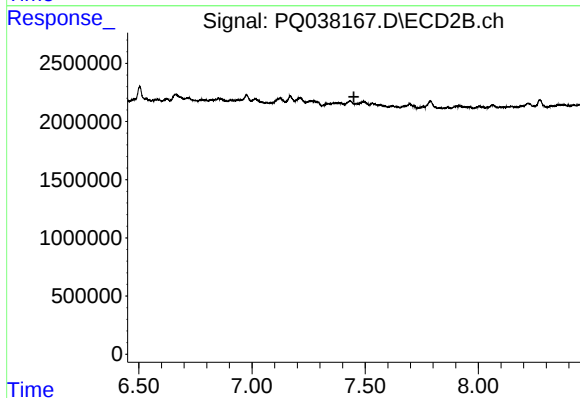
R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



#41 AR-1268-1

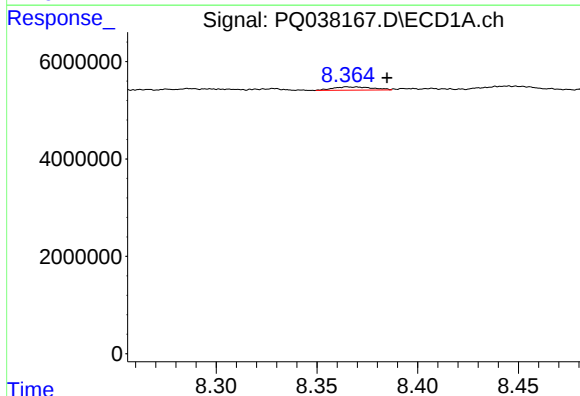
R.T.: 8.329 min
Delta R.T.: 0.032 min
Response: 329560
Conc: 0.40 ng/ml

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



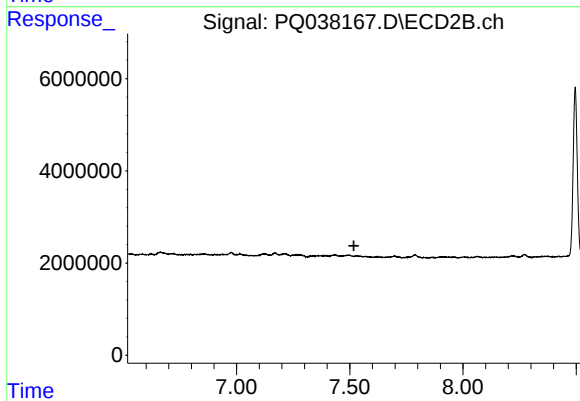
#41 AR-1268-1

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



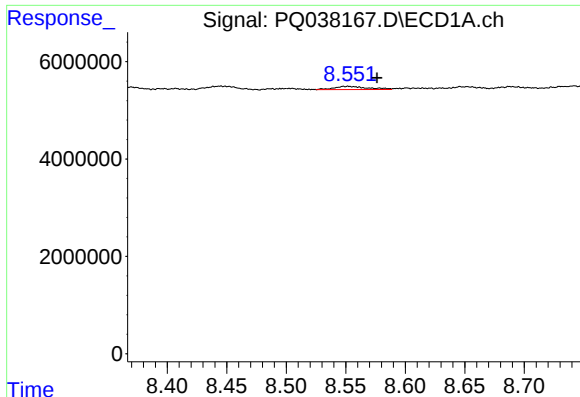
#42 AR-1268-2

R.T.: 8.365 min
Delta R.T.: -0.019 min
Response: 938714
Conc: 1.26 ng/ml



#42 AR-1268-2

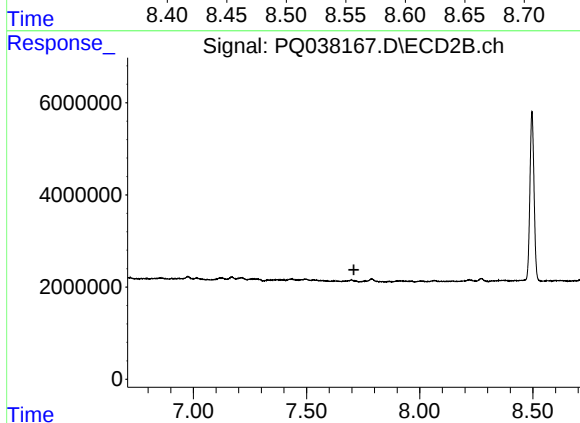
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

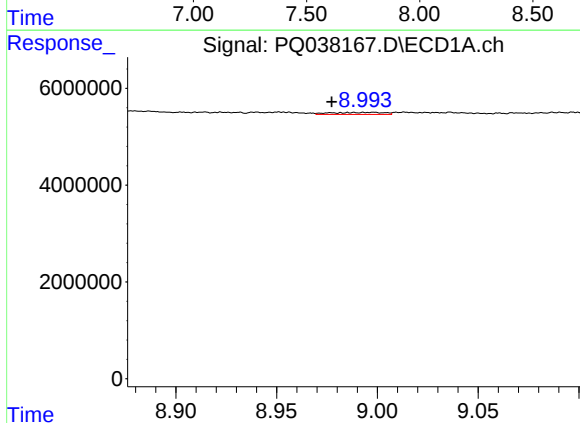
R.T.: 8.552 min
Delta R.T.: -0.024 min
Response: 1307500
Conc: 1.99 ng/ml

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



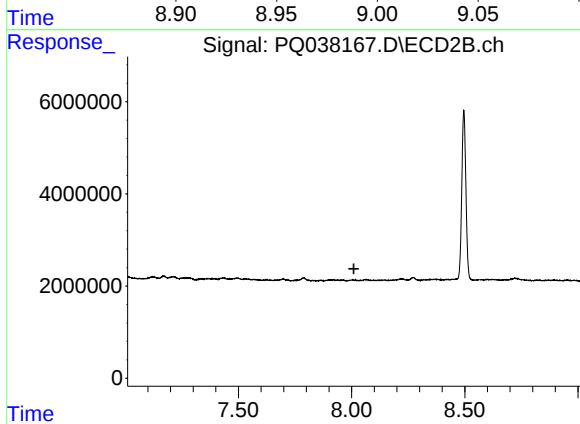
#43 AR-1268-3

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



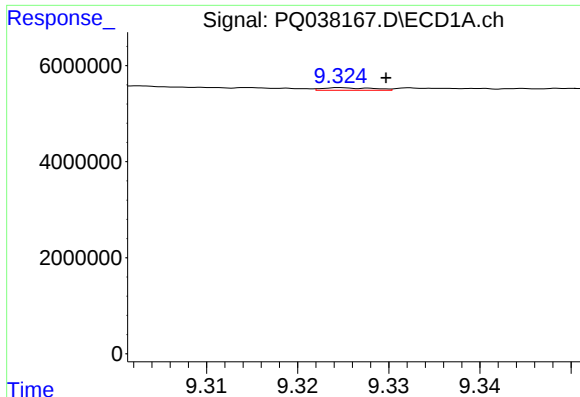
#44 AR-1268-4

R.T.: 8.998 min
Delta R.T.: 0.021 min
Response: 770341
Conc: 2.98 ng/ml



#44 AR-1268-4

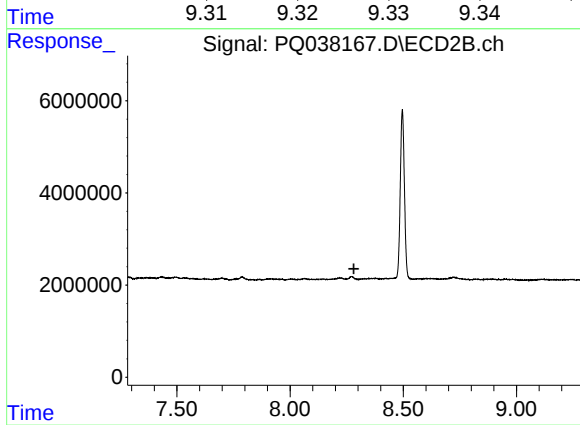
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.325 min
Delta R.T.: -0.004 min
Response: 202056
Conc: 0.10 ng/ml

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



#45 AR-1268-5

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