

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082919\
 Data File : PQ043090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2019 10:46
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254331

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 03:52:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 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...	5.620	4.678	62477721	54287615	23.342	23.453
2)	SA Decachlor...	11.972	10.415	316.8E6	260.6E6	37.524	38.799
Target Compounds							
3)	L1 AR-1016-1	7.066	0.000	755489	0	7.272	N.D. #
4)	L1 AR-1016-2	7.096	0.000	1035949	0	6.498	N.D. #
5)	L1 AR-1016-3	7.171	6.422	340512	29035581	3.352	386.297 #
6)	L1 AR-1016-4	7.279	6.422	1530429	29035581	19.102	417.955 #
7)	L1 AR-1016-5	7.610	6.674	18968268	17139996	231.548	190.225
12)	L3 AR-1232-2	6.751	0.000	826761	0	20.954	N.D. #
13)	L3 AR-1232-3	7.096	6.422	1035949	29035581	12.491	674.769 #
14)	L3 AR-1232-4	7.286	6.469	512605	7697411	11.907	179.555 #
15)	L3 AR-1232-5	7.409	6.674	284789	17139996	9.955	378.885 #
16)	L4 AR-1242-1	7.077	0.000	397413	0	3.906	N.D. #
17)	L4 AR-1242-2	7.096	0.000	1035949	0	6.801	N.D. #
18)	L4 AR-1242-3	7.171	6.422	340512	29035581	3.568	382.063 #
19)	L4 AR-1242-4	7.286	6.469	512605	7697411	6.659	92.282 #
20)	L4 AR-1242-5	8.103	7.083	17821467	82298515	186.103	722.321 #
21)	L5 AR-1248-1	7.066	0.000	755489	0	9.557	N.D. #
22)	L5 AR-1248-2	7.409	6.422	284789	29035581	2.516	245.280 #
23)	L5 AR-1248-3	7.610	6.469	18968268	7697411	140.297	63.729 #
24)	L5 AR-1248-4	8.060	6.674	28959740	17139996	178.722	117.035 #
25)	L5 AR-1248-5	8.103	7.129	17821467	10064738	113.720	64.616 #
26)	L6 AR-1254-1	8.029	7.083	58634225	82298515	350.891	335.570
27)	L6 AR-1254-2	8.266	7.252	95848033	75321779	356.377	337.705
28)	L6 AR-1254-3	8.661	7.699	111.2E6	127.2E6	369.137	338.372
29)	L6 AR-1254-4	8.964	7.948	82723098	82775673	363.105	342.334
30)	L6 AR-1254-5	9.404	8.394	100.2E6	128.6E6	370.128	348.535
31)	L7 AR-1260-1	8.833	7.840	40392062	62770778	225.455	323.784 #
32)	L7 AR-1260-2	9.104	8.044	57494380	56830540	244.470	223.219
33)	L7 AR-1260-3	9.466	8.207	12680189	53927062	59.341	236.698 #
34)	L7 AR-1260-4	9.711	8.706	38617859	5974847	163.788	27.693 #
35)	L7 AR-1260-5	10.062	8.958	16717175	16292814	29.335	27.940
36)	L8 AR-1262-1	9.466	8.467	12680189	13402669	31.562	72.355 #
37)	L8 AR-1262-2	10.062	8.958	16717175	16292814	20.901	18.863
38)	L8 AR-1262-3	10.412	9.317	12103009	15476996	20.438	41.311 #
39)	L8 AR-1262-4	10.463	9.317	1886440	15476996	3.788	22.544 #
41)	L9 AR-1268-1	10.412	9.317	12103009	15476996	11.262	14.460 #
42)	L9 AR-1268-2	10.463	9.317	1886440	15476996	1.798	15.063 #
43)	L9 AR-1268-3	10.725	0.000	1041502	0	1.088	N.D. #
45)	L9 AR-1268-5	0.000	10.145	0	1586949	N.D.	0.568 #

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

Instrument :

ECD_Q

ClientSampleId :

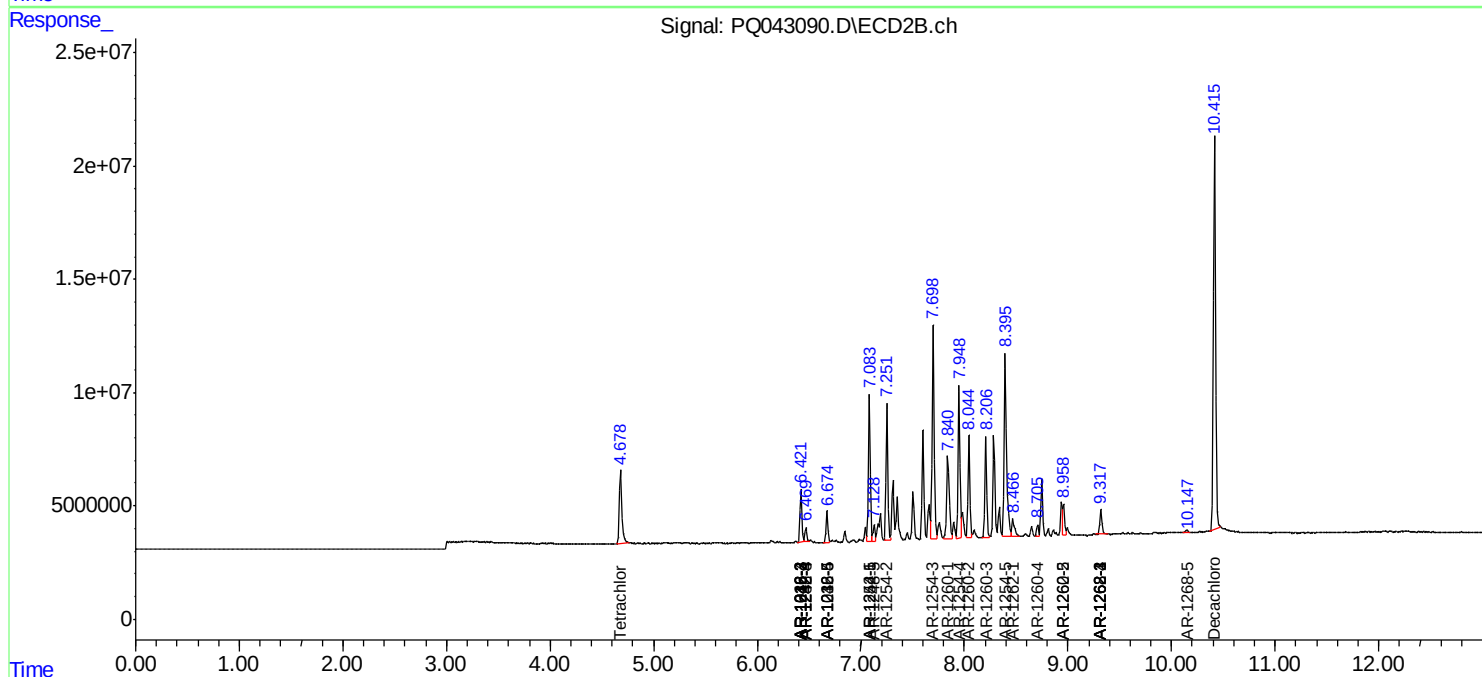
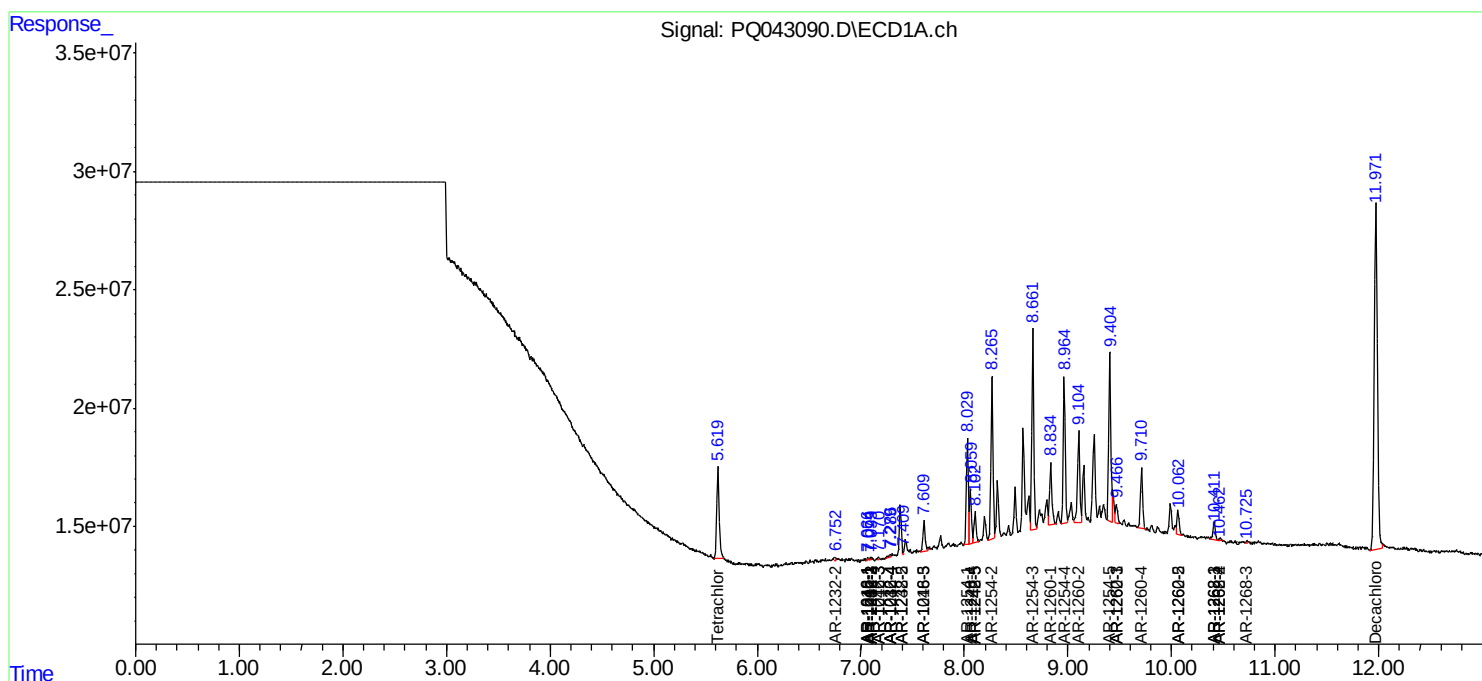
AR1254331

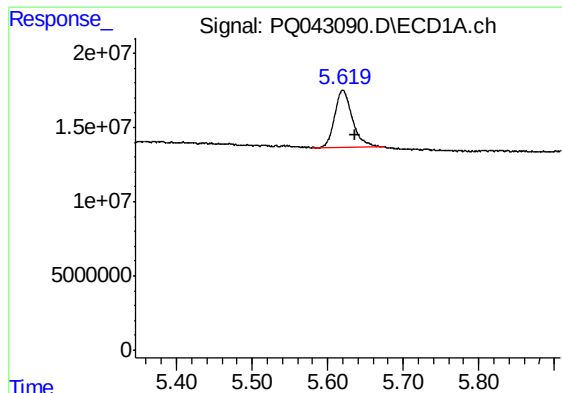
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082919\
Data File : PQ043090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2019 10:46
Operator : SM\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254331

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 03:52:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 26 05:38:16 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

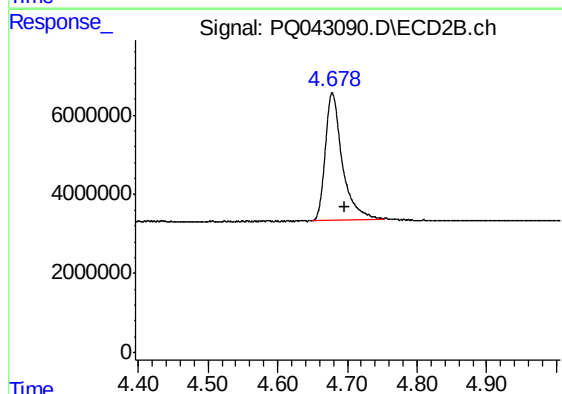




#1 Tetrachloro-m-xylene

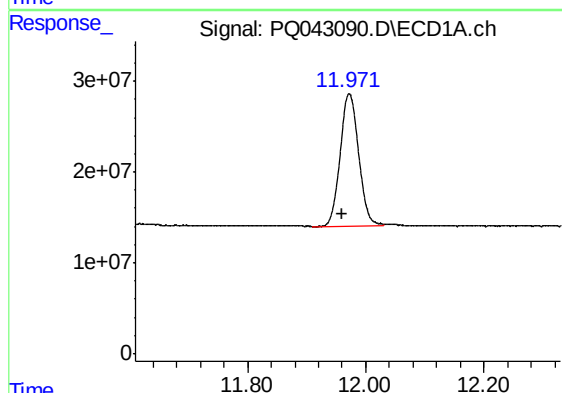
R.T.: 5.620 min
Delta R.T.: -0.016 min
Response: 62477721
Conc: 23.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



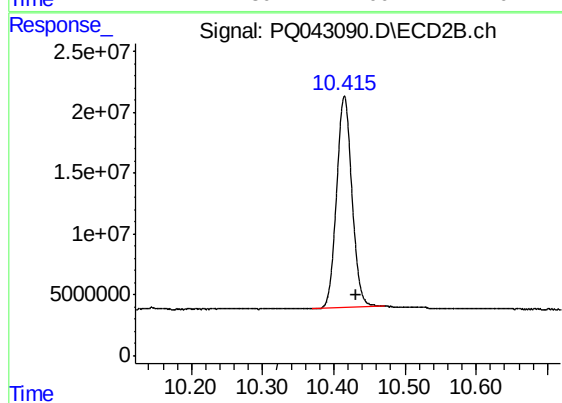
#1 Tetrachloro-m-xylene

R.T.: 4.678 min
Delta R.T.: -0.018 min
Response: 54287615
Conc: 23.45 ng/ml



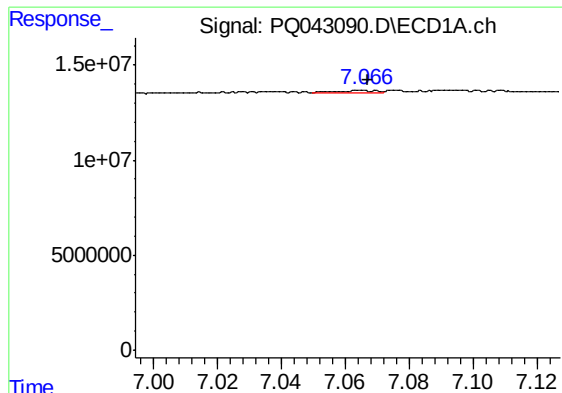
#2 Decachlorobiphenyl

R.T.: 11.972 min
Delta R.T.: 0.012 min
Response: 316784530
Conc: 37.52 ng/ml



#2 Decachlorobiphenyl

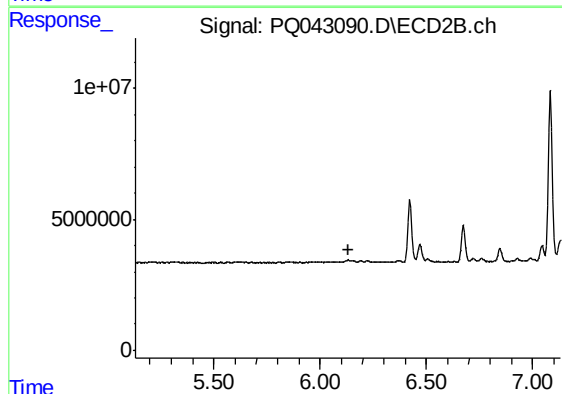
R.T.: 10.415 min
Delta R.T.: -0.016 min
Response: 260644741
Conc: 38.80 ng/ml



#3 AR-1016-1

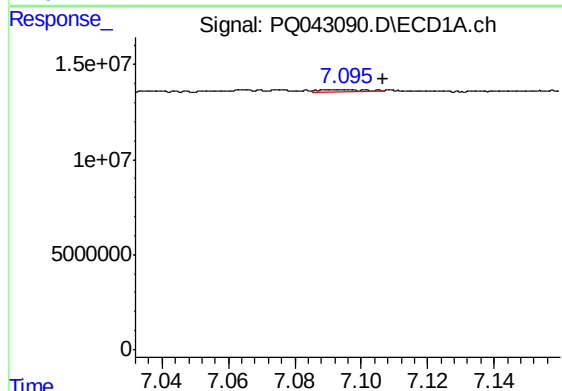
R.T.: 7.066 min
Delta R.T.: -0.001 min
Response: 755489
Conc: 7.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



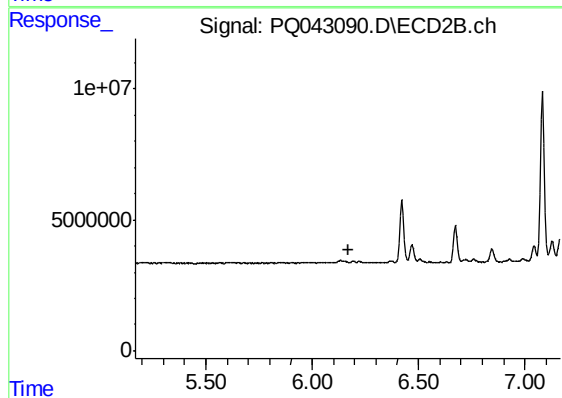
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.131 min
Response: 0
Conc: N.D.



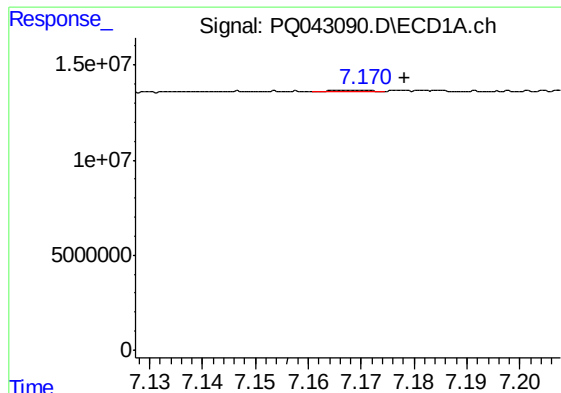
#4 AR-1016-2

R.T.: 7.096 min
Delta R.T.: -0.011 min
Response: 1035949
Conc: 6.50 ng/ml



#4 AR-1016-2

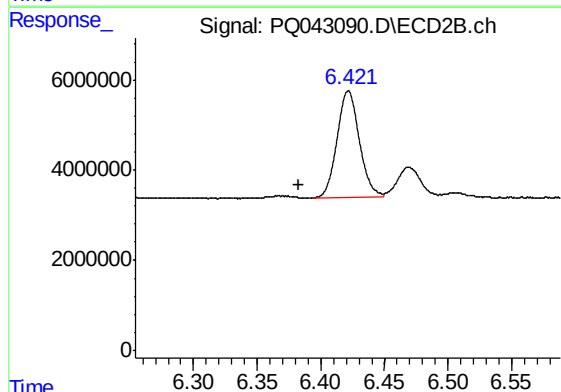
R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



#5 AR-1016-3

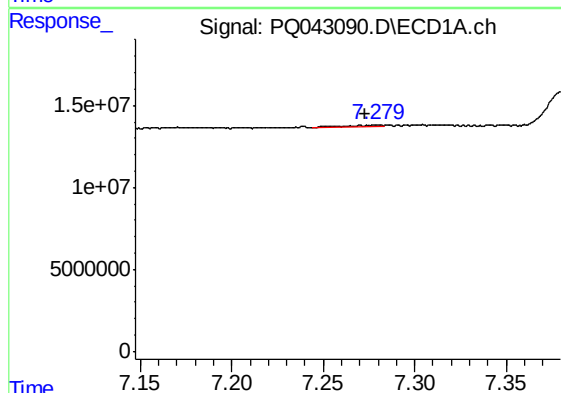
R.T.: 7.171 min
Delta R.T.: -0.007 min
Response: 340512
Conc: 3.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



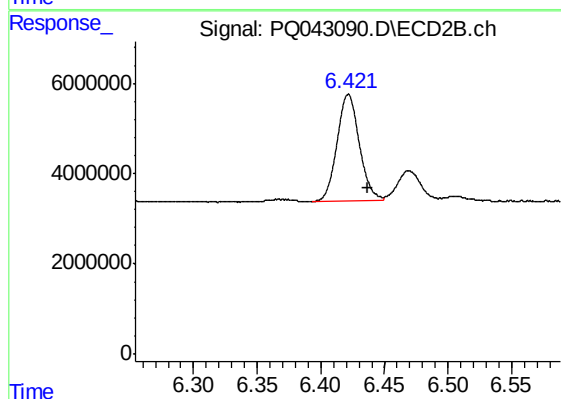
#5 AR-1016-3

R.T.: 6.422 min
Delta R.T.: 0.039 min
Response: 29035581
Conc: 386.30 ng/ml



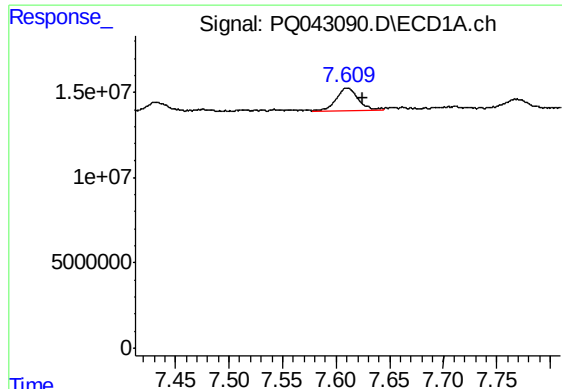
#6 AR-1016-4

R.T.: 7.279 min
Delta R.T.: 0.006 min
Response: 1530429
Conc: 19.10 ng/ml



#6 AR-1016-4

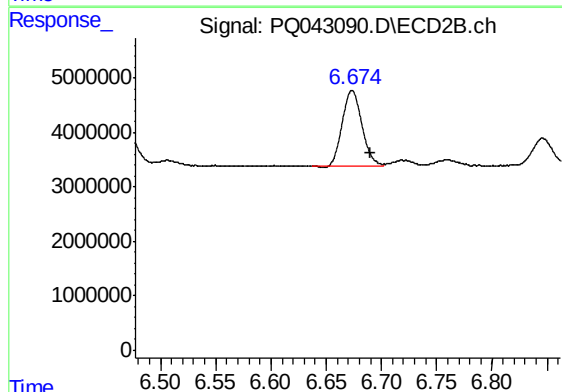
R.T.: 6.422 min
Delta R.T.: -0.015 min
Response: 29035581
Conc: 417.95 ng/ml



#7 AR-1016-5

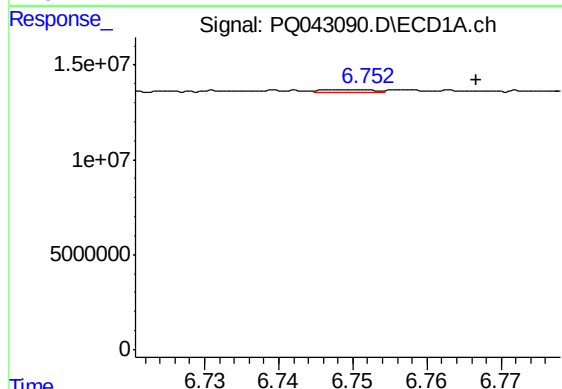
R.T.: 7.610 min
Delta R.T.: -0.015 min
Response: 18968268
Conc: 231.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



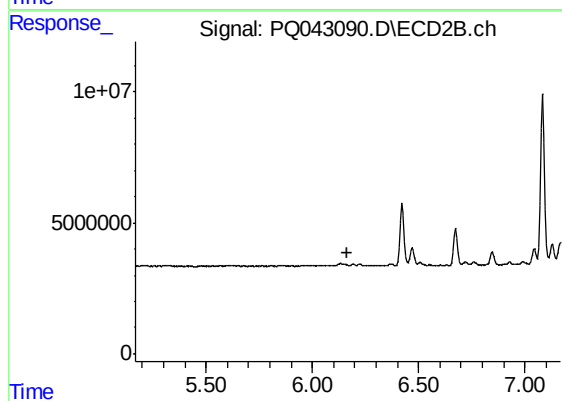
#7 AR-1016-5

R.T.: 6.674 min
Delta R.T.: -0.016 min
Response: 17139996
Conc: 190.22 ng/ml



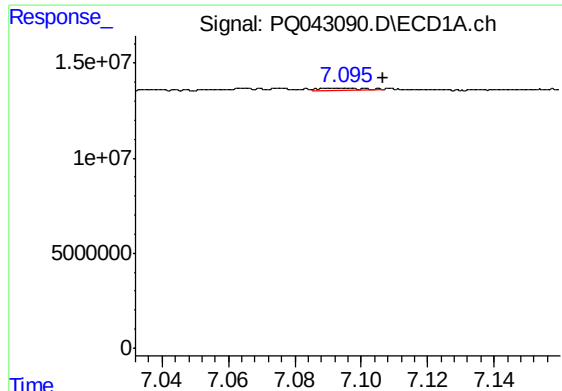
#12 AR-1232-2

R.T.: 6.751 min
Delta R.T.: -0.015 min
Response: 826761
Conc: 20.95 ng/ml



#12 AR-1232-2

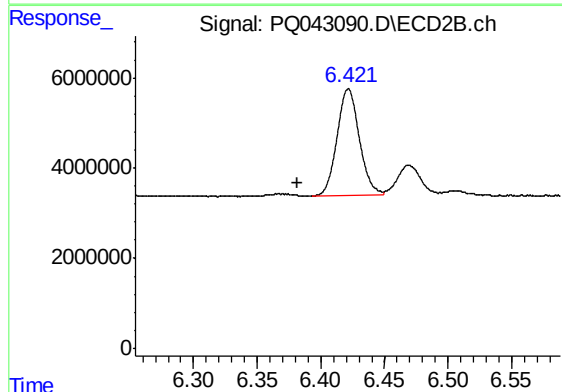
R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



#13 AR-1232-3

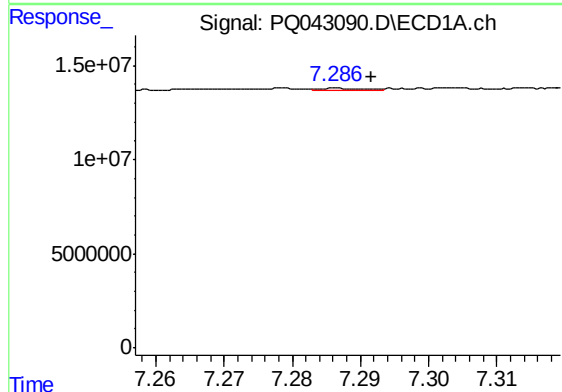
R.T.: 7.096 min
Delta R.T.: -0.011 min
Response: 1035949
Conc: 12.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



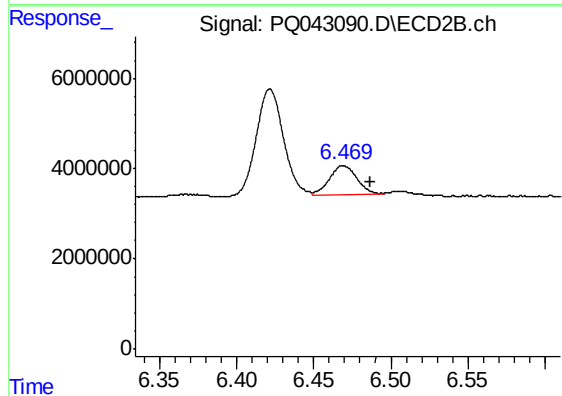
#13 AR-1232-3

R.T.: 6.422 min
Delta R.T.: 0.040 min
Response: 29035581
Conc: 674.77 ng/ml



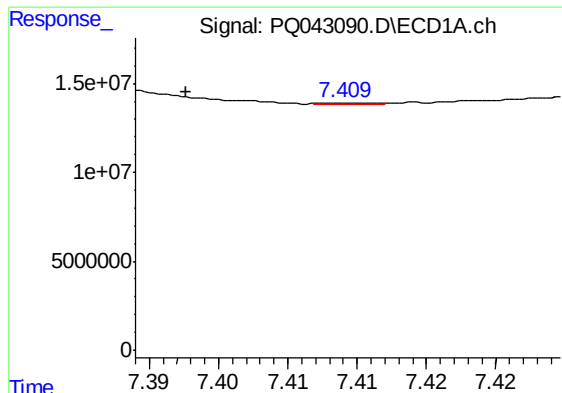
#14 AR-1232-4

R.T.: 7.286 min
Delta R.T.: -0.005 min
Response: 512605
Conc: 11.91 ng/ml



#14 AR-1232-4

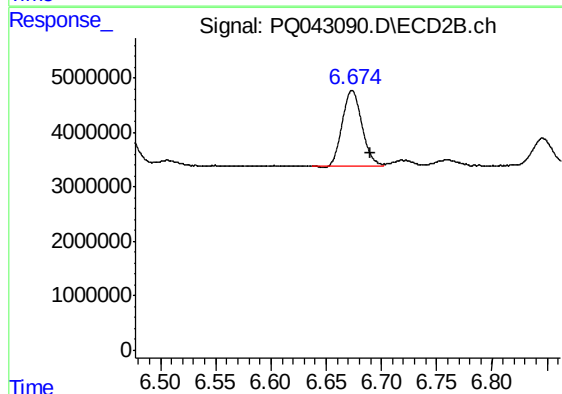
R.T.: 6.469 min
Delta R.T.: -0.017 min
Response: 7697411
Conc: 179.55 ng/ml



#15 AR-1232-5

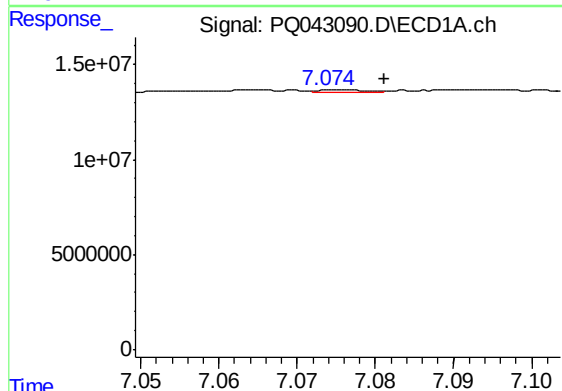
R.T.: 7.409 min
Delta R.T.: 0.012 min
Response: 284789
Conc: 9.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



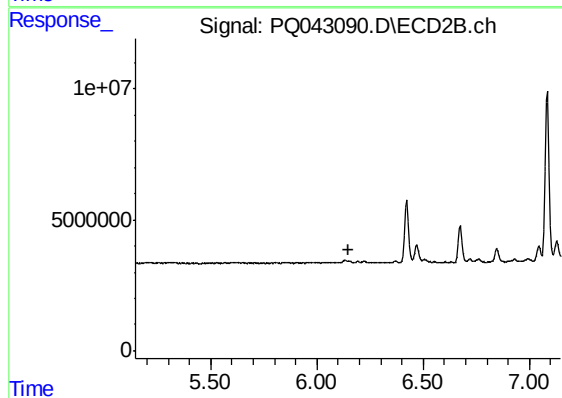
#15 AR-1232-5

R.T.: 6.674 min
Delta R.T.: -0.016 min
Response: 17139996
Conc: 378.89 ng/ml



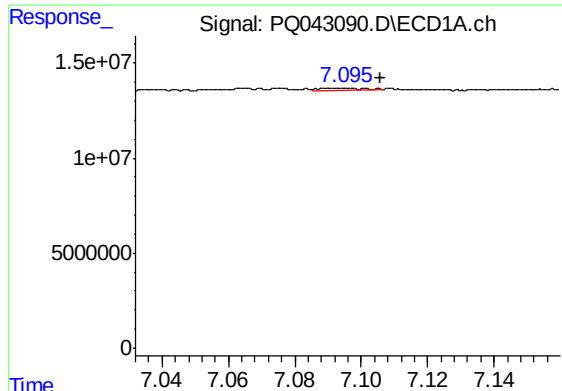
#16 AR-1242-1

R.T.: 7.077 min
Delta R.T.: -0.005 min
Response: 397413
Conc: 3.91 ng/ml



#16 AR-1242-1

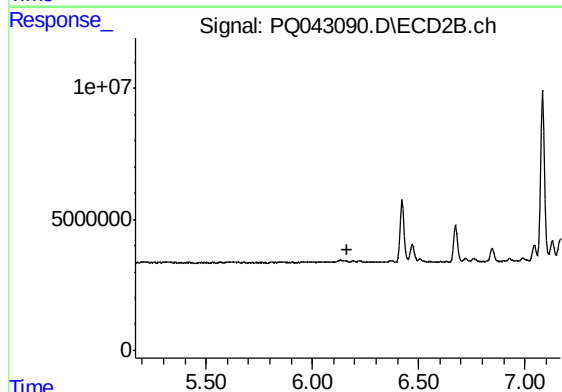
R.T.: 0.000 min
Exp R.T. : 6.146 min
Response: 0
Conc: N.D.



#17 AR-1242-2

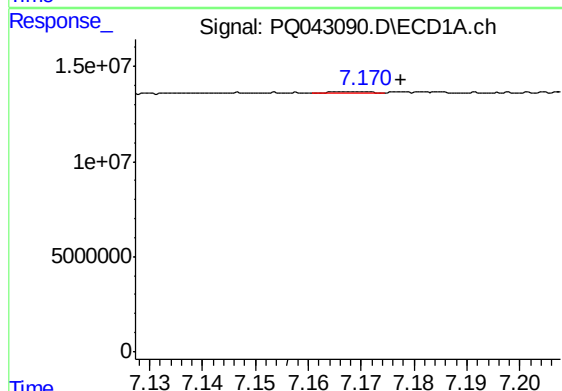
R.T.: 7.096 min
Delta R.T.: -0.010 min
Response: 1035949
Conc: 6.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



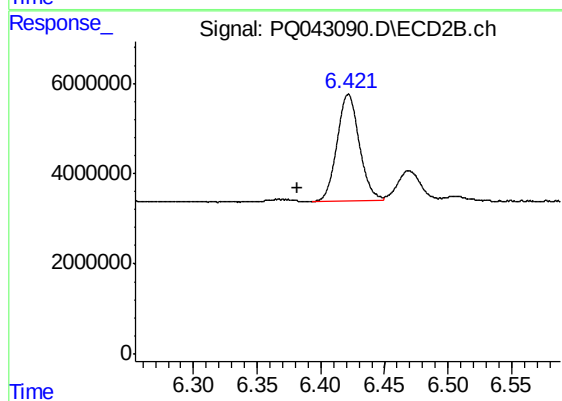
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.



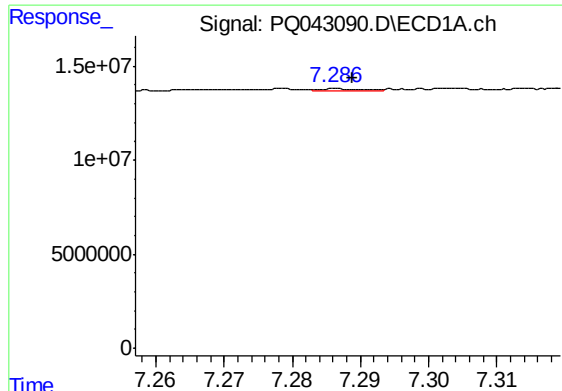
#18 AR-1242-3

R.T.: 7.171 min
Delta R.T.: -0.007 min
Response: 340512
Conc: 3.57 ng/ml



#18 AR-1242-3

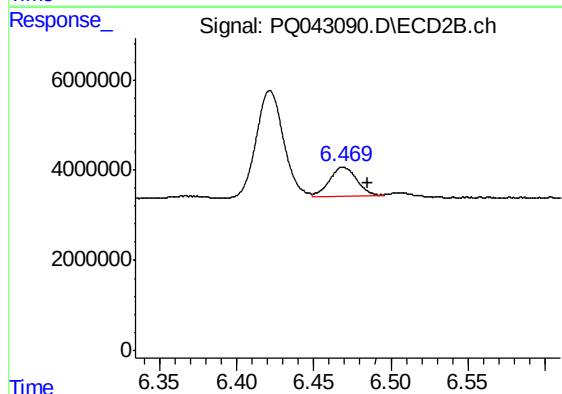
R.T.: 6.422 min
Delta R.T.: 0.040 min
Response: 29035581
Conc: 382.06 ng/ml



#19 AR-1242-4

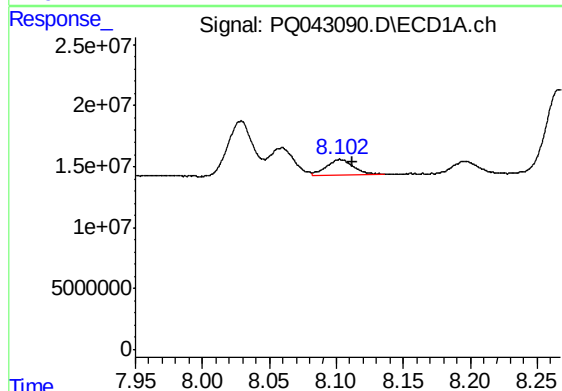
R.T.: 7.286 min
Delta R.T.: -0.002 min
Response: 512605
Conc: 6.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



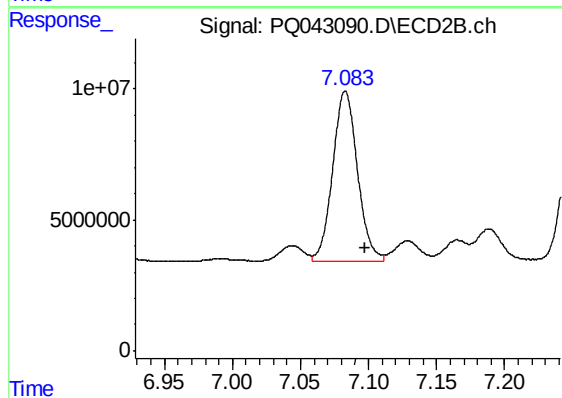
#19 AR-1242-4

R.T.: 6.469 min
Delta R.T.: -0.015 min
Response: 7697411
Conc: 92.28 ng/ml



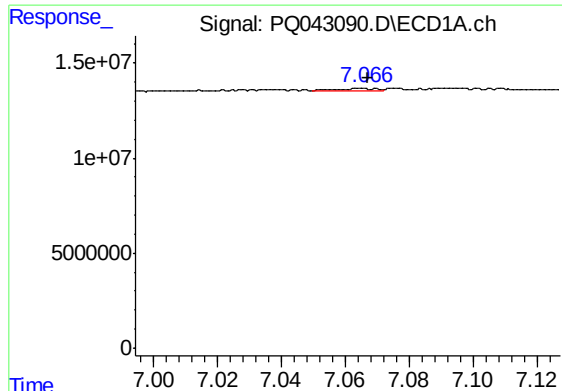
#20 AR-1242-5

R.T.: 8.103 min
Delta R.T.: -0.009 min
Response: 17821467
Conc: 186.10 ng/ml



#20 AR-1242-5

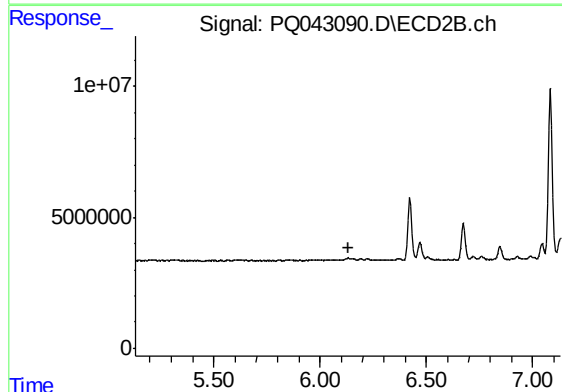
R.T.: 7.083 min
Delta R.T.: -0.014 min
Response: 82298515
Conc: 722.32 ng/ml



#21 AR-1248-1

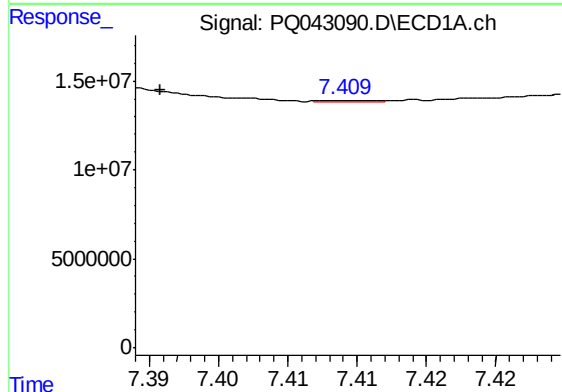
R.T.: 7.066 min
Delta R.T.: -0.001 min
Response: 755489
Conc: 9.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



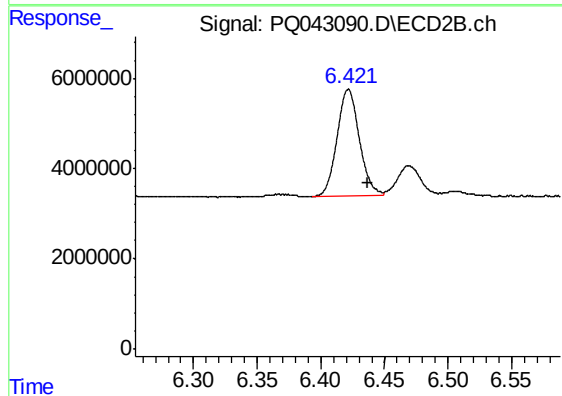
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.131 min
Response: 0
Conc: N.D.



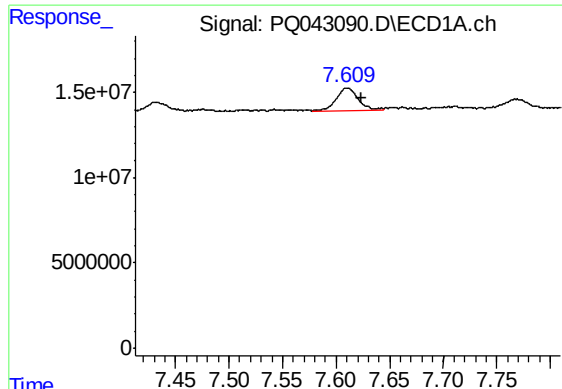
#22 AR-1248-2

R.T.: 7.409 min
Delta R.T.: 0.014 min
Response: 284789
Conc: 2.52 ng/ml



#22 AR-1248-2

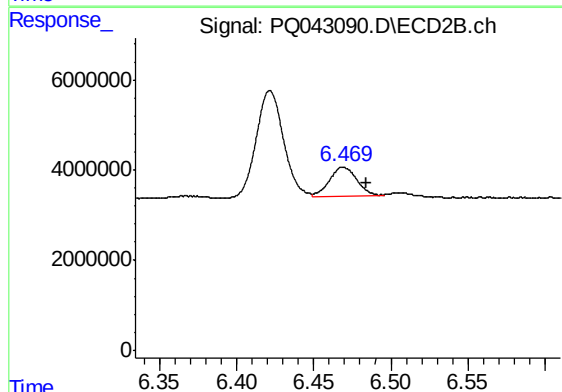
R.T.: 6.422 min
Delta R.T.: -0.016 min
Response: 29035581
Conc: 245.28 ng/ml



#23 AR-1248-3

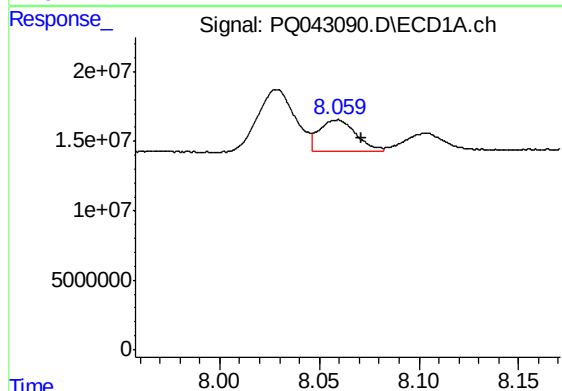
R.T.: 7.610 min
Delta R.T.: -0.014 min
Response: 18968268
Conc: 140.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



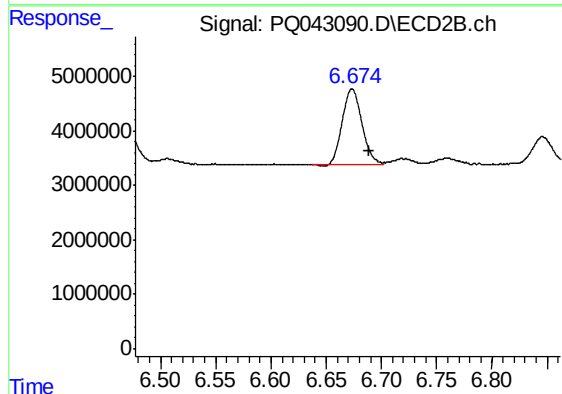
#23 AR-1248-3

R.T.: 6.469 min
Delta R.T.: -0.015 min
Response: 7697411
Conc: 63.73 ng/ml



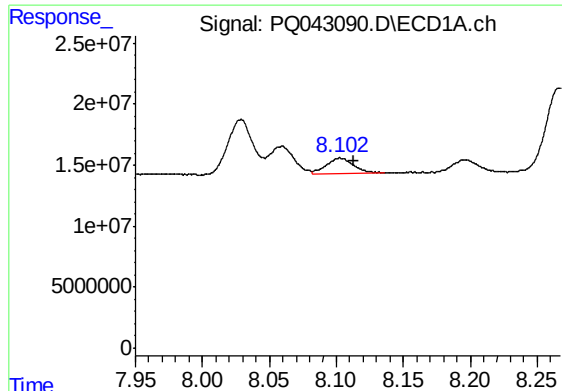
#24 AR-1248-4

R.T.: 8.060 min
Delta R.T.: -0.011 min
Response: 28959740
Conc: 178.72 ng/ml



#24 AR-1248-4

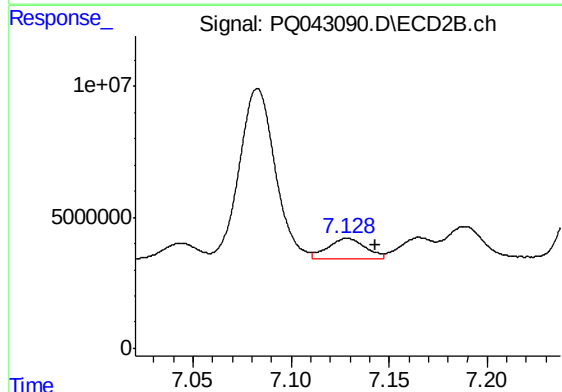
R.T.: 6.674 min
Delta R.T.: -0.015 min
Response: 17139996
Conc: 117.03 ng/ml



#25 AR-1248-5

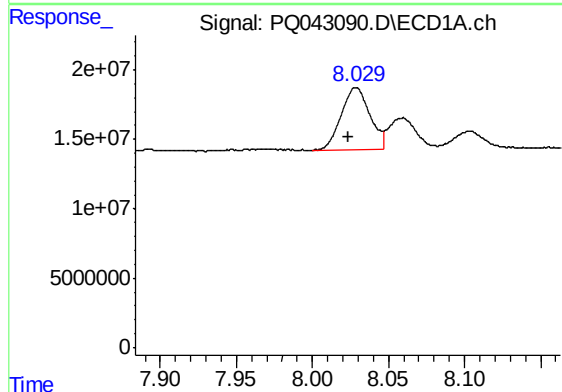
R.T.: 8.103 min
Delta R.T.: -0.010 min
Response: 17821467
Conc: 113.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



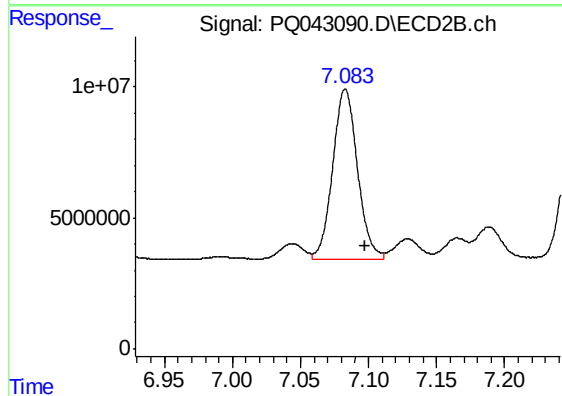
#25 AR-1248-5

R.T.: 7.129 min
Delta R.T.: -0.015 min
Response: 10064738
Conc: 64.62 ng/ml



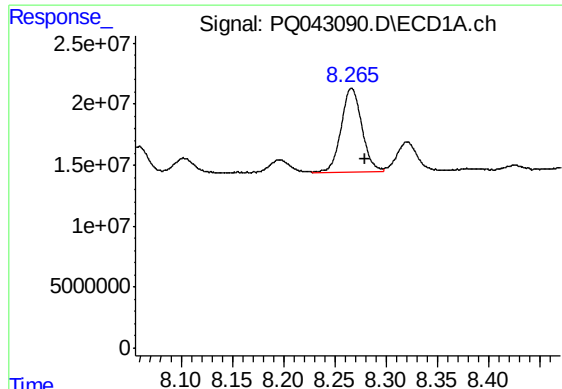
#26 AR-1254-1

R.T.: 8.029 min
Delta R.T.: 0.005 min
Response: 58634225
Conc: 350.89 ng/ml



#26 AR-1254-1

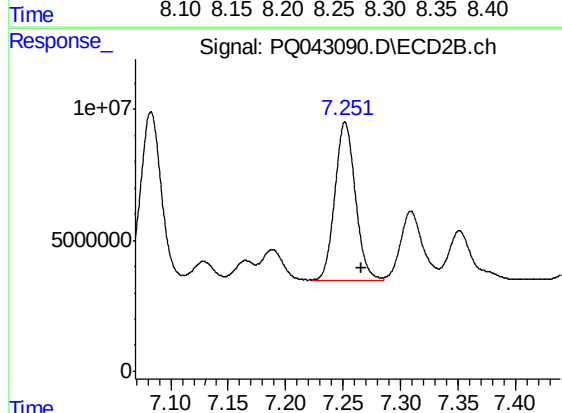
R.T.: 7.083 min
Delta R.T.: -0.014 min
Response: 82298515
Conc: 335.57 ng/ml



#27 AR-1254-2

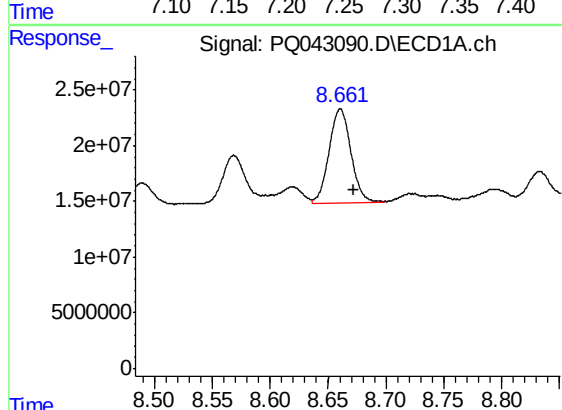
R.T.: 8.266 min
Delta R.T.: -0.013 min
Response: 95848033
Conc: 356.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



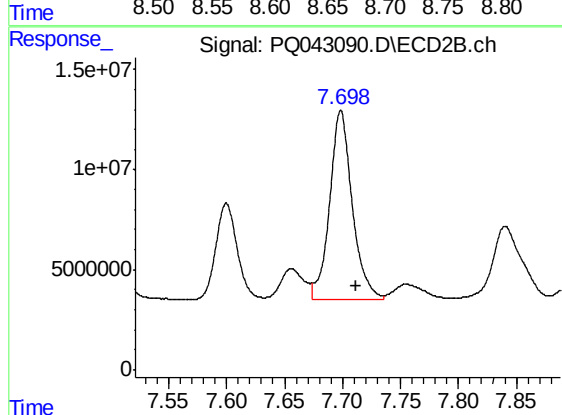
#27 AR-1254-2

R.T.: 7.252 min
Delta R.T.: -0.014 min
Response: 75321779
Conc: 337.70 ng/ml



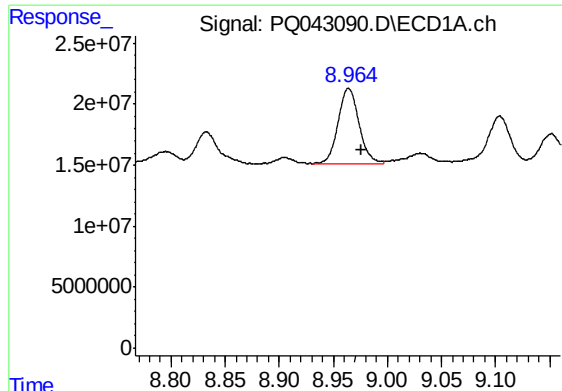
#28 AR-1254-3

R.T.: 8.661 min
Delta R.T.: -0.012 min
Response: 111176159
Conc: 369.14 ng/ml



#28 AR-1254-3

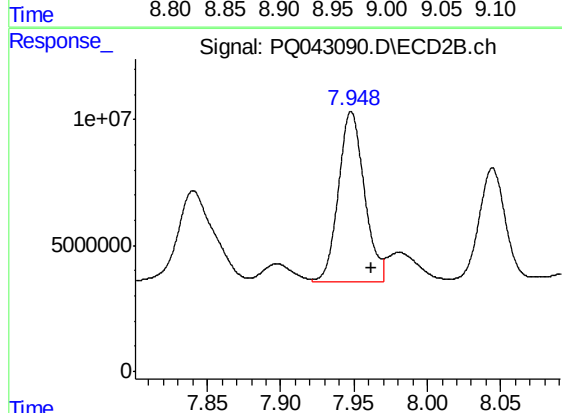
R.T.: 7.699 min
Delta R.T.: -0.014 min
Response: 127185349
Conc: 338.37 ng/ml



#29 AR-1254-4

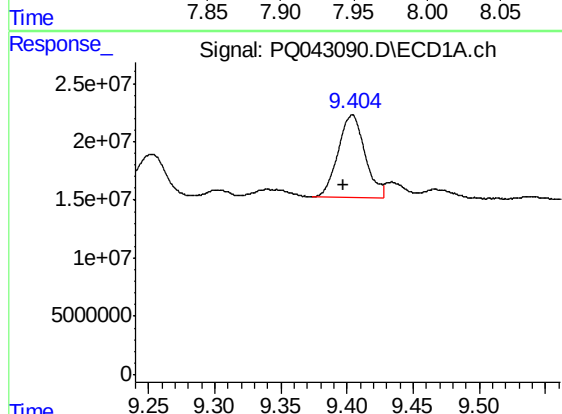
R.T.: 8.964 min
Delta R.T.: -0.012 min
Response: 82723098
Conc: 363.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



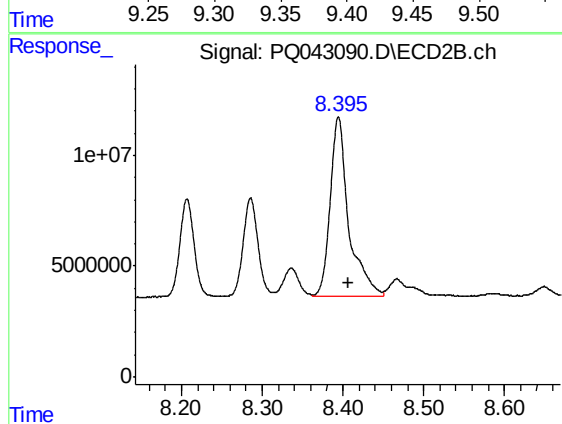
#29 AR-1254-4

R.T.: 7.948 min
Delta R.T.: -0.014 min
Response: 82775673
Conc: 342.33 ng/ml



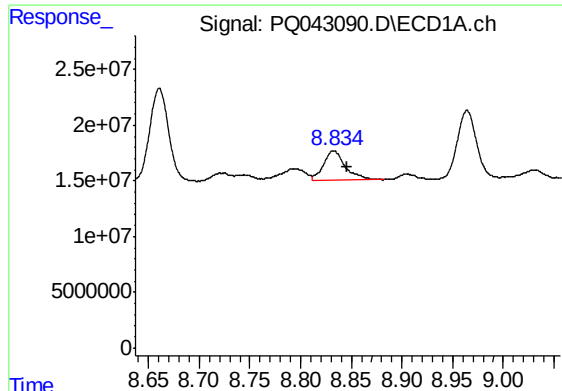
#30 AR-1254-5

R.T.: 9.404 min
Delta R.T.: 0.007 min
Response: 100240087
Conc: 370.13 ng/ml



#30 AR-1254-5

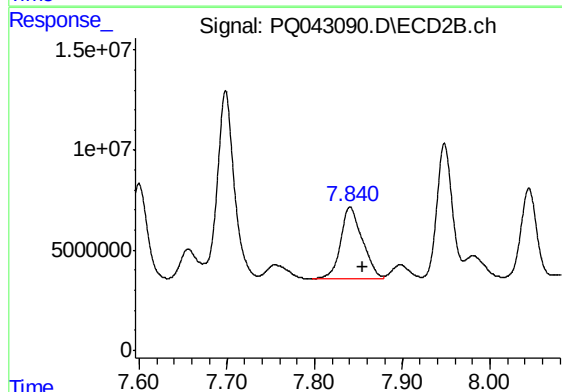
R.T.: 8.394 min
Delta R.T.: -0.013 min
Response: 128627550
Conc: 348.54 ng/ml



#31 AR-1260-1

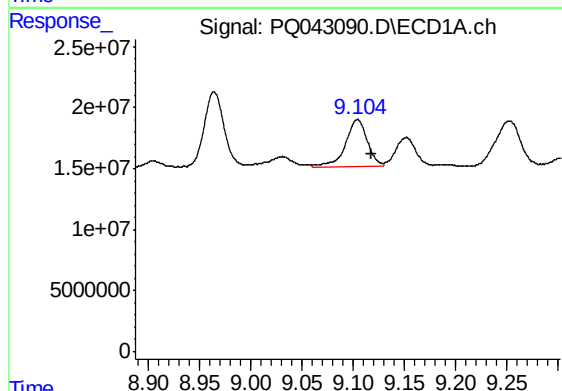
R.T.: 8.833 min
Delta R.T.: -0.013 min
Response: 40392062
Conc: 225.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



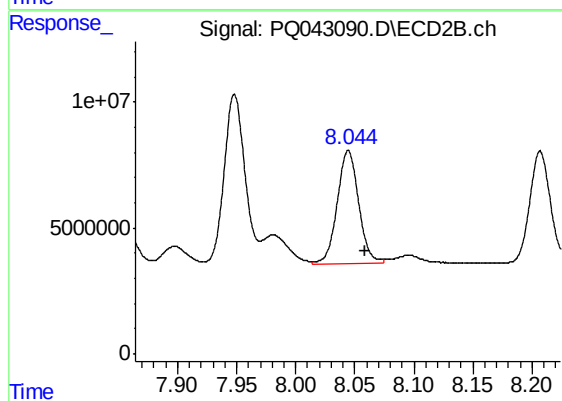
#31 AR-1260-1

R.T.: 7.840 min
Delta R.T.: -0.015 min
Response: 62770778
Conc: 323.78 ng/ml



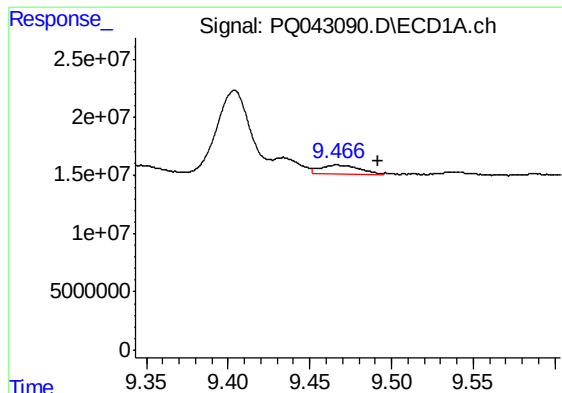
#32 AR-1260-2

R.T.: 9.104 min
Delta R.T.: -0.014 min
Response: 57494380
Conc: 244.47 ng/ml



#32 AR-1260-2

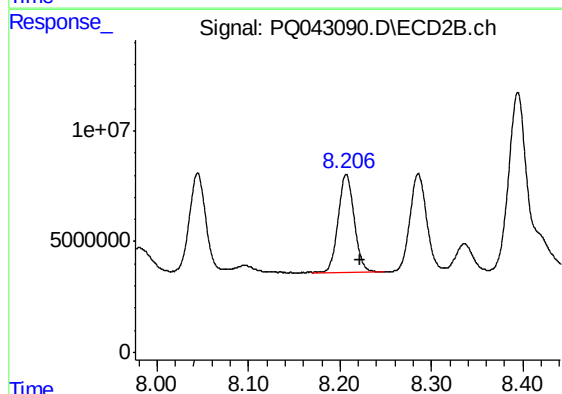
R.T.: 8.044 min
Delta R.T.: -0.015 min
Response: 56830540
Conc: 223.22 ng/ml



#33 AR-1260-3

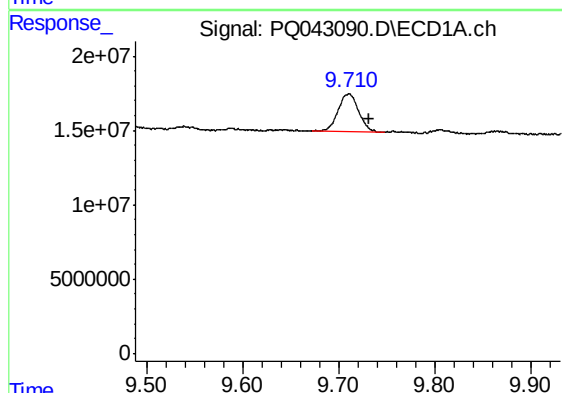
R.T.: 9.466 min
Delta R.T.: -0.025 min
Response: 12680189
Conc: 59.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



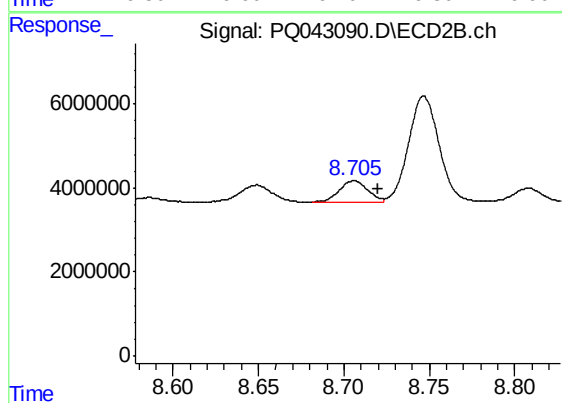
#33 AR-1260-3

R.T.: 8.207 min
Delta R.T.: -0.015 min
Response: 53927062
Conc: 236.70 ng/ml



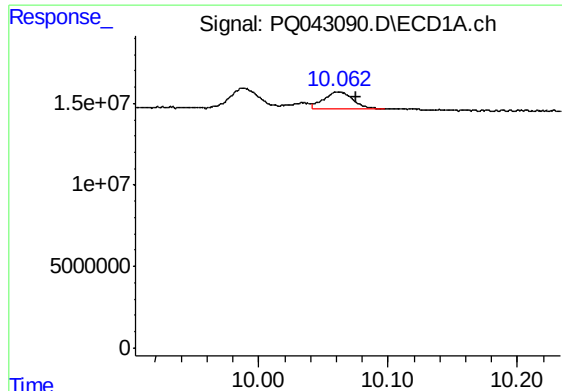
#34 AR-1260-4

R.T.: 9.711 min
Delta R.T.: -0.021 min
Response: 38617859
Conc: 163.79 ng/ml



#34 AR-1260-4

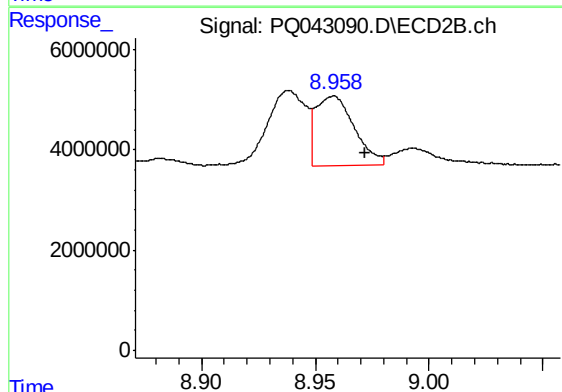
R.T.: 8.706 min
Delta R.T.: -0.014 min
Response: 5974847
Conc: 27.69 ng/ml



#35 AR-1260-5

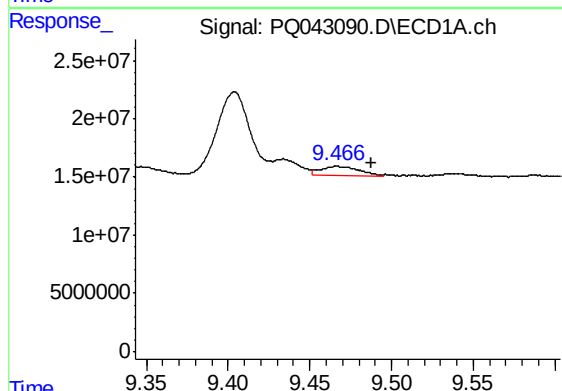
R.T.: 10.062 min
Delta R.T.: -0.013 min
Response: 16717175
Conc: 29.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



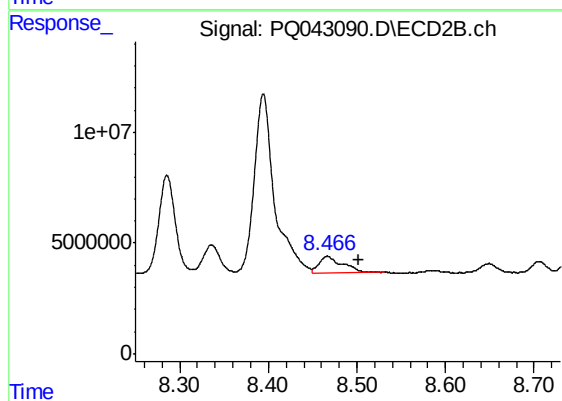
#35 AR-1260-5

R.T.: 8.958 min
Delta R.T.: -0.014 min
Response: 16292814
Conc: 27.94 ng/ml



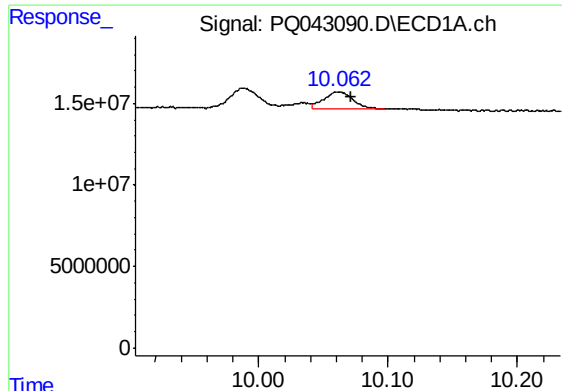
#36 AR-1262-1

R.T.: 9.466 min
Delta R.T.: -0.022 min
Response: 12680189
Conc: 31.56 ng/ml



#36 AR-1262-1

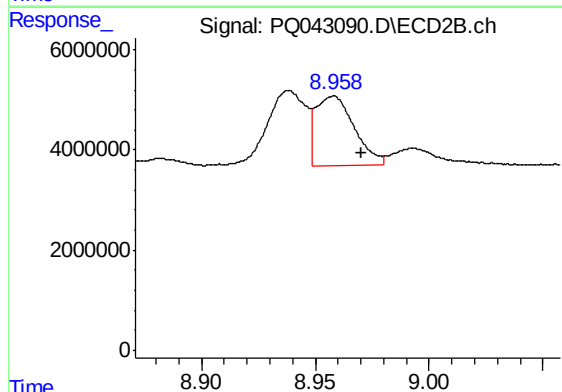
R.T.: 8.467 min
Delta R.T.: -0.035 min
Response: 13402669
Conc: 72.36 ng/ml



#37 AR-1262-2

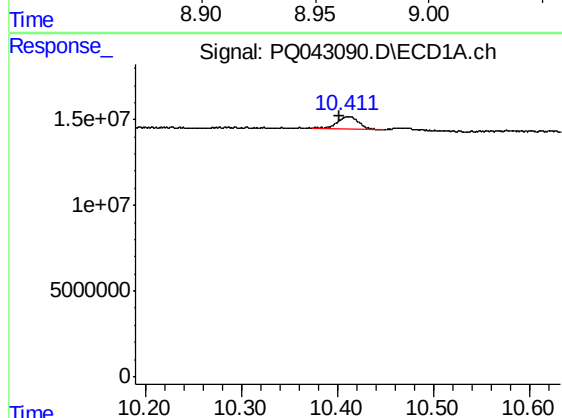
R.T.: 10.062 min
Delta R.T.: -0.009 min
Response: 16717175
Conc: 20.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



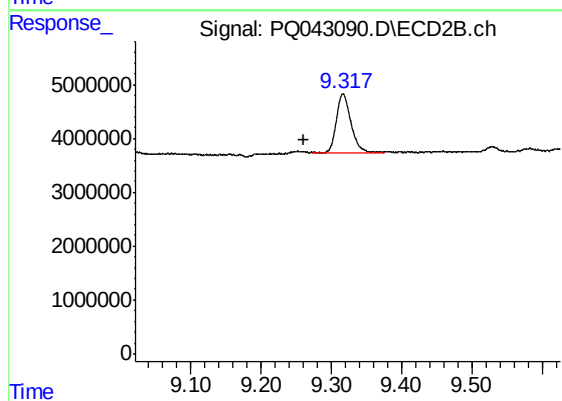
#37 AR-1262-2

R.T.: 8.958 min
Delta R.T.: -0.012 min
Response: 16292814
Conc: 18.86 ng/ml



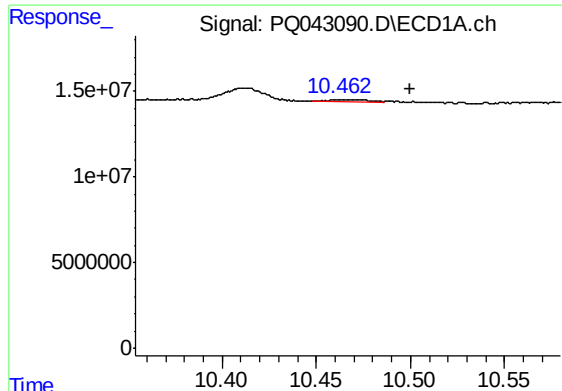
#38 AR-1262-3

R.T.: 10.412 min
Delta R.T.: 0.010 min
Response: 12103009
Conc: 20.44 ng/ml



#38 AR-1262-3

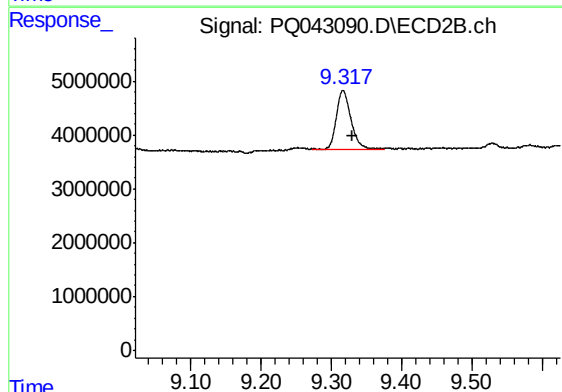
R.T.: 9.317 min
Delta R.T.: 0.056 min
Response: 15476996
Conc: 41.31 ng/ml



#39 AR-1262-4

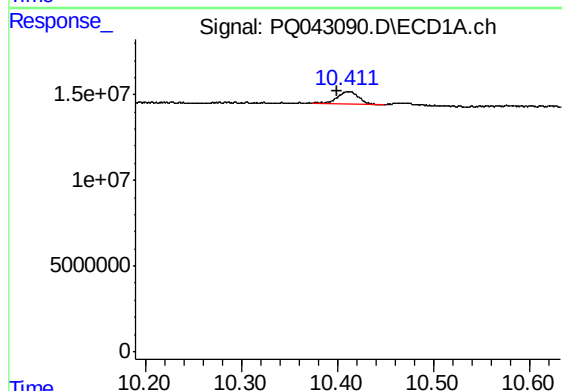
R.T.: 10.463 min
Delta R.T.: -0.037 min
Response: 1886440
Conc: 3.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



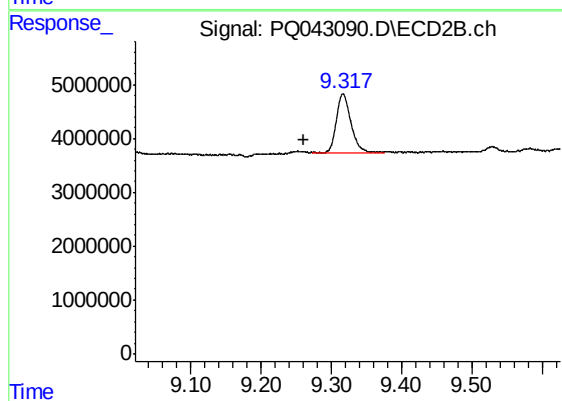
#39 AR-1262-4

R.T.: 9.317 min
Delta R.T.: -0.013 min
Response: 15476996
Conc: 22.54 ng/ml



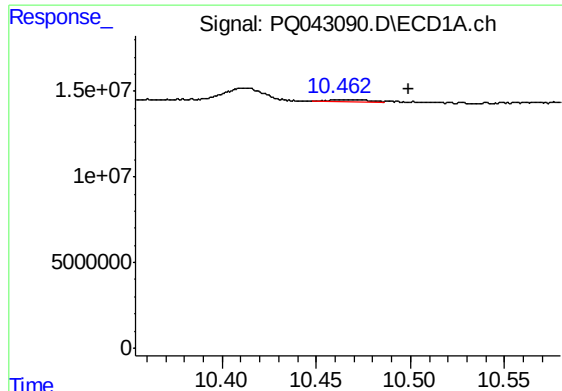
#41 AR-1268-1

R.T.: 10.412 min
Delta R.T.: 0.012 min
Response: 12103009
Conc: 11.26 ng/ml



#41 AR-1268-1

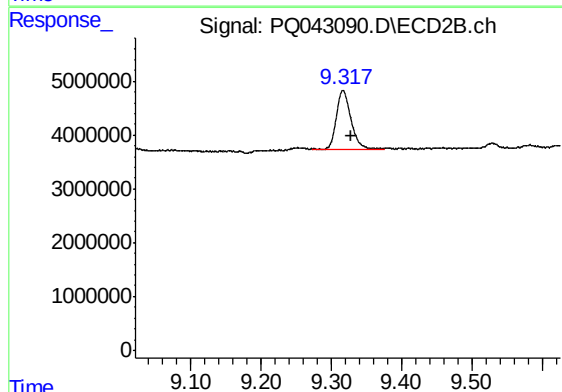
R.T.: 9.317 min
Delta R.T.: 0.056 min
Response: 15476996
Conc: 14.46 ng/ml



#42 AR-1268-2

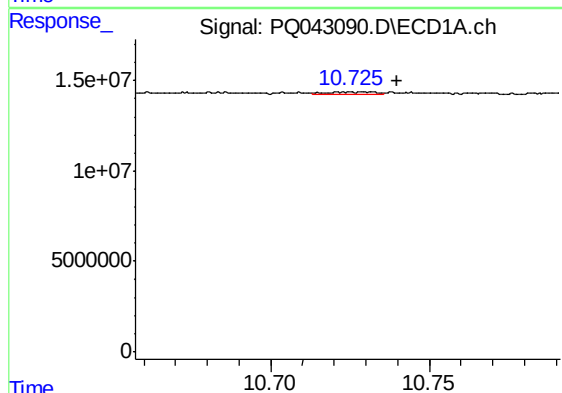
R.T.: 10.463 min
Delta R.T.: -0.037 min
Response: 1886440
Conc: 1.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254331



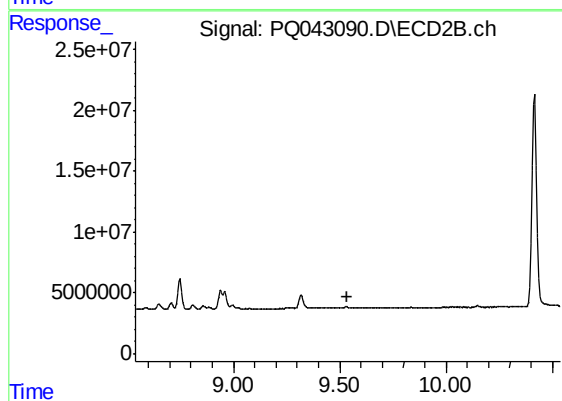
#42 AR-1268-2

R.T.: 9.317 min
Delta R.T.: -0.011 min
Response: 15476996
Conc: 15.06 ng/ml



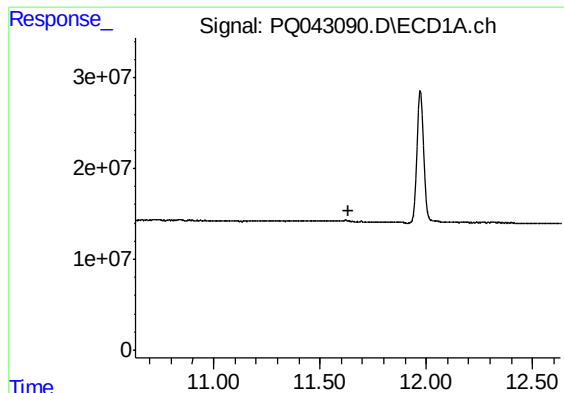
#43 AR-1268-3

R.T.: 10.725 min
Delta R.T.: -0.015 min
Response: 1041502
Conc: 1.09 ng/ml



#43 AR-1268-3

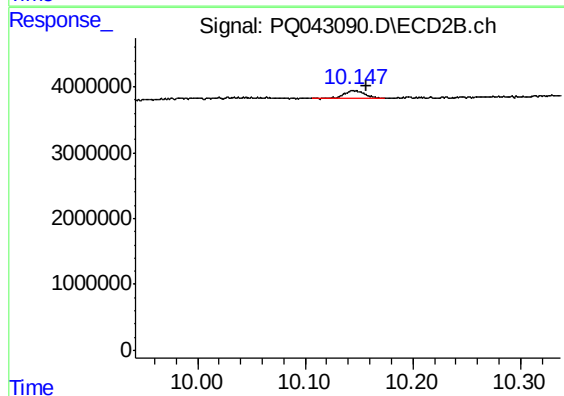
R.T.: 0.000 min
Exp R.T. : 9.538 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.632 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1254331



#45 AR-1268-5

R.T.: 10.145 min
Delta R.T.: -0.012 min
Response: 1586949
Conc: 0.57 ng/ml