

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110922\
 Data File : PO090373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2022 16:36
 Operator : YP/AJ
 Sample : N5509-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-13

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 02:58:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 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...	4.303	3.481	64230882	21058696	19.985	19.814
2)	SA Decachlor...	10.047	8.484	46486042	17422020	18.970	16.916
Target Compounds							
3)	L1 AR-1016-1	5.469	4.540	1072893	62527	10.087	1.619 #
4)	L1 AR-1016-2	5.533	4.642f	27802648	10599853	182.512	198.154
5)	L1 AR-1016-3	5.571	4.761	3175287	7328784	33.605	252.431 #
6)	L1 AR-1016-4	5.643	4.761f	9163488	7328784	122.199	295.242 #
7)	L1 AR-1016-5	5.971	4.995	3109408	-677744	40.287	N.D. #
8)	L2 AR-1221-1	4.510	3.704	11802131	190706	309.194	14.274 #
9)	L2 AR-1221-2	4.608	3.780	1727677	9518891	60.773	937.929 #
10)	L2 AR-1221-3	4.699	3.886	19947516	8203435	232.950	263.707
11)	L3 AR-1232-1	4.699	3.886	19947516	8203435	304.619	344.818
12)	L3 AR-1232-2	5.189	4.642f	165.2E6	10599853	4297.669	442.338 #
13)	L3 AR-1232-3	5.533	4.761	27802648	7328784	414.894	577.121 #
14)	L3 AR-1232-4	5.643	4.883	9163488	364207	277.533	29.871 #
15)	L3 AR-1232-5	5.753	4.995	16074266	-677744	606.733	N.D. #
16)	L4 AR-1242-1	5.469	4.540	1072893	62527	12.967	2.100 #
17)	L4 AR-1242-2	5.533	4.540f	27802648	62527	235.413	1.537 #
18)	L4 AR-1242-3	5.571	4.761	3175287	7328784	42.658	331.434 #
19)	L4 AR-1242-4	5.643	4.883	9163488	364207	157.288	15.359 #
20)	L4 AR-1242-5	6.392	5.379	8156109	14631756	132.686	511.510 #
21)	L5 AR-1248-1	5.469	4.540	1072893	62527	16.963	2.754 #
22)	L5 AR-1248-2	5.753	4.761f	16074266	7328784	169.737	225.419 #
23)	L5 AR-1248-3	5.971	4.883	3109408	364207	31.542	10.805 #
24)	L5 AR-1248-4	6.349	4.995	39167680	-677744	367.361	N.D. #
25)	L5 AR-1248-5	6.392	5.401	8156109	7875576	77.643	217.506 #
26)	L6 AR-1254-1	6.349	5.379	39167680	14631756	337.952	248.394 #
27)	L6 AR-1254-2	6.568	5.515	19987506	3145269	114.915	58.702 #
28)	L6 AR-1254-3	6.924	5.942	8875714	1541322	51.126	18.596 #
29)	L6 AR-1254-4	7.186	6.166	7694578	1849235	60.365	37.235 #
30)	L6 AR-1254-5	7.634	6.568	1120528	614904	7.955	8.212
31)	L7 AR-1260-1	7.090	6.056	1980114	825385	14.125	13.710
32)	L7 AR-1260-2	7.346	6.243	35219798	775455	217.702	10.734 #
33)	L7 AR-1260-3	7.712	6.397	509726	344507	4.852	5.170
34)	L7 AR-1260-4	7.931	6.873	1447384	291379	11.716	5.727 #
35)	L7 AR-1260-5	8.255	7.113	749397	347992	3.293	2.996
36)	L8 AR-1262-1	7.712	6.568f	509726	614904	3.075	8.115 #
37)	L8 AR-1262-2	8.255	7.113	749397	347992	2.667	2.714
38)	L8 AR-1262-3	8.561	7.400	918770	395207	4.679	7.257 #
39)	L8 AR-1262-4	8.662	7.463	793024	401013	8.150	4.129 #
40)	L8 AR-1262-5	9.294	7.959	477267	401271	4.529	8.455 #
41)	L9 AR-1268-1	8.561	7.400	918770	395207	2.635	2.508

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Acq On : 09 Nov 2022 16:36
Operator : YP/AJ
Sample : N5509-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

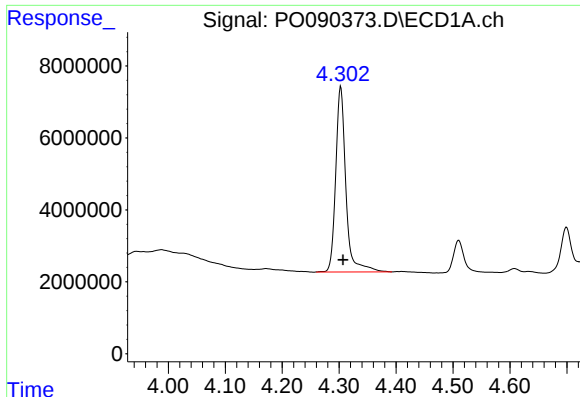
Instrument :
ECD_O
ClientSampleId :
TP-13

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 10 02:58:27 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 28 05:05:44 2022
Response via : Initial Calibration
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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	8.662	7.463	793024	401013	2.542	2.858
43)	L9 AR-1268-3	8.884	7.671	705349	365616	2.625	3.047
44)	L9 AR-1268-4	9.294	7.959	477267	401271	4.096	7.389 #
45)	L9 AR-1268-5	9.711	8.240	1446698	681144	1.687	1.946

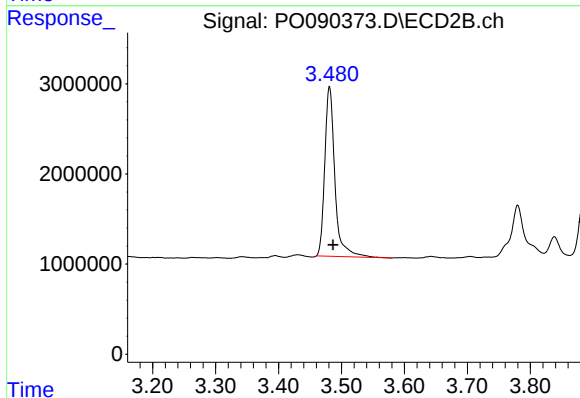
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

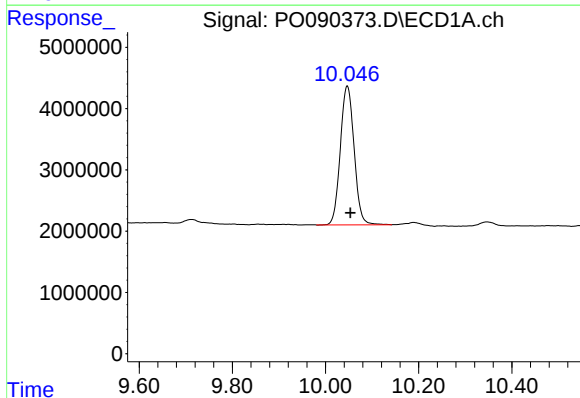
R.T.: 4.303 min
Delta R.T.: -0.004 min
Response: 64230882
Conc: 19.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



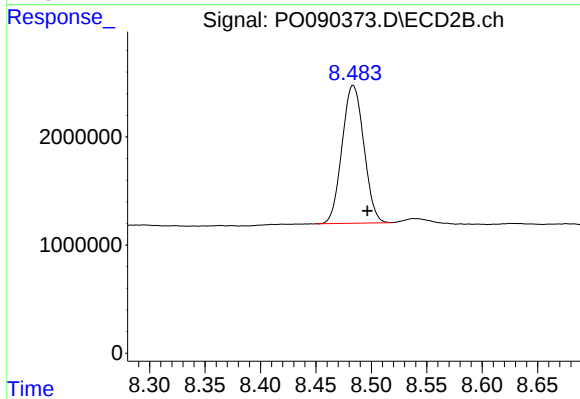
#1 Tetrachloro-m-xylene

R.T.: 3.481 min
Delta R.T.: -0.006 min
Response: 21058696
Conc: 19.81 ng/ml



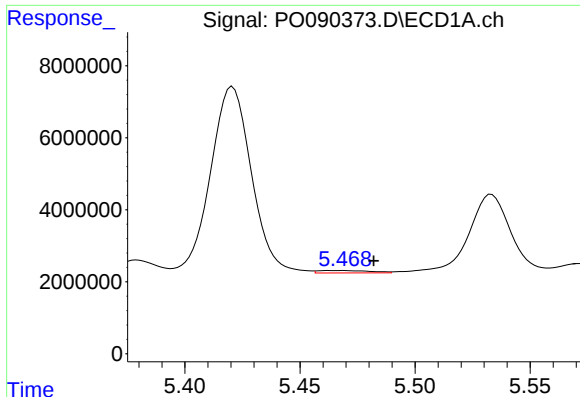
#2 Decachlorobiphenyl

R.T.: 10.047 min
Delta R.T.: -0.007 min
Response: 46486042
Conc: 18.97 ng/ml



#2 Decachlorobiphenyl

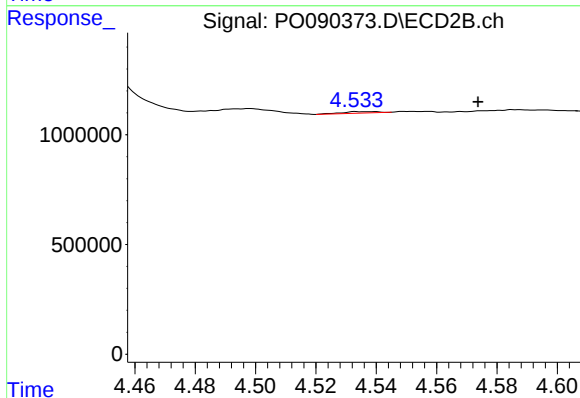
R.T.: 8.484 min
Delta R.T.: -0.013 min
Response: 17422020
Conc: 16.92 ng/ml



#3 AR-1016-1

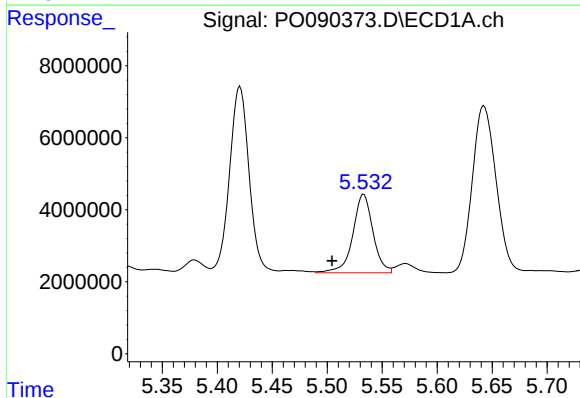
R.T.: 5.469 min
Delta R.T.: -0.013 min
Response: 1072893
Conc: 10.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



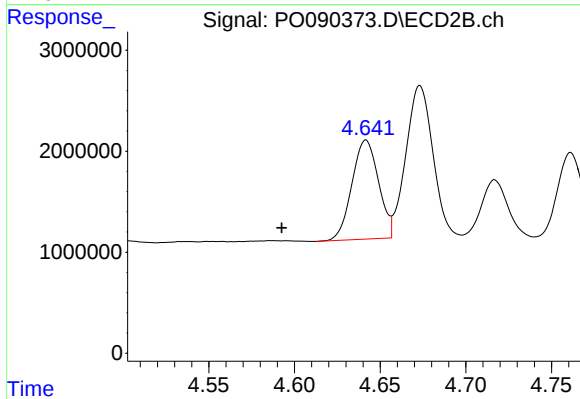
#3 AR-1016-1

R.T.: 4.540 min
Delta R.T.: -0.034 min
Response: 62527
Conc: 1.62 ng/ml



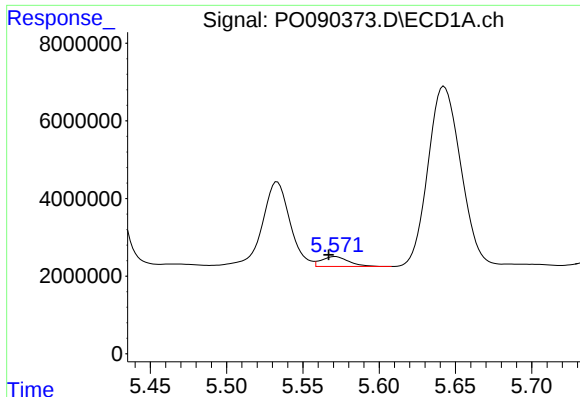
#4 AR-1016-2

R.T.: 5.533 min
Delta R.T.: 0.029 min
Response: 27802648
Conc: 182.51 ng/ml



#4 AR-1016-2

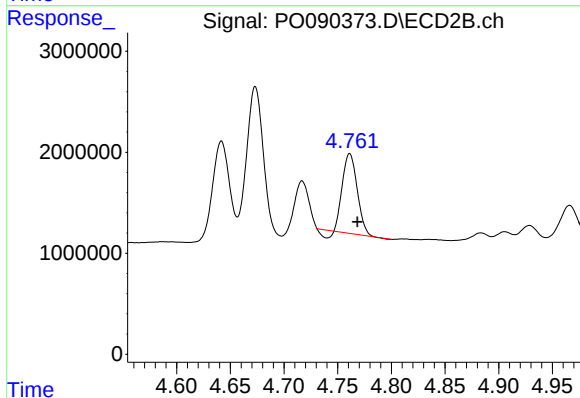
R.T.: 4.642 min
Delta R.T.: 0.049 min
Response: 10599853
Conc: 198.15 ng/ml



#5 AR-1016-3

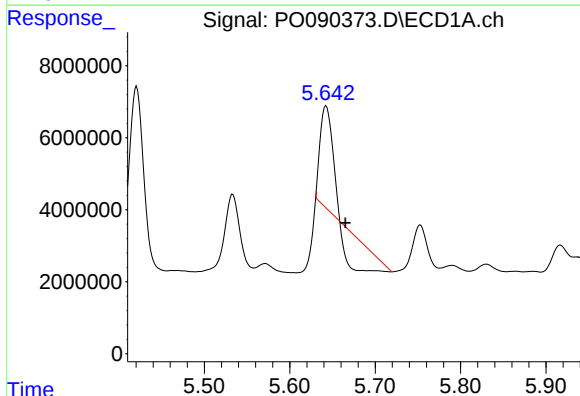
R.T.: 5.571 min
Delta R.T.: 0.005 min
Response: 3175287
Conc: 33.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



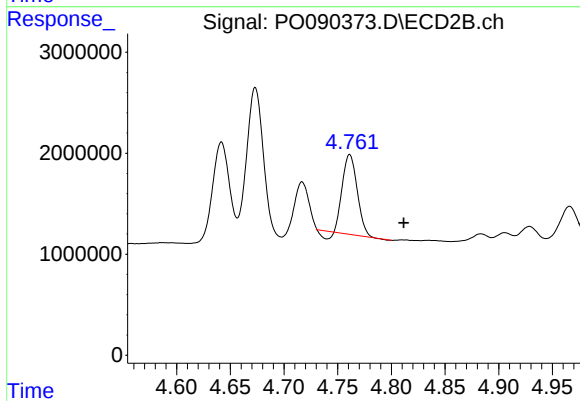
#5 AR-1016-3

R.T.: 4.761 min
Delta R.T.: -0.007 min
Response: 7328784
Conc: 252.43 ng/ml



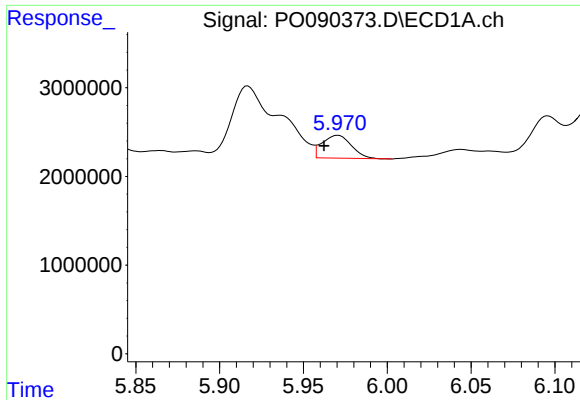
#6 AR-1016-4

R.T.: 5.643 min
Delta R.T.: -0.023 min
Response: 9163488
Conc: 122.20 ng/ml



#6 AR-1016-4

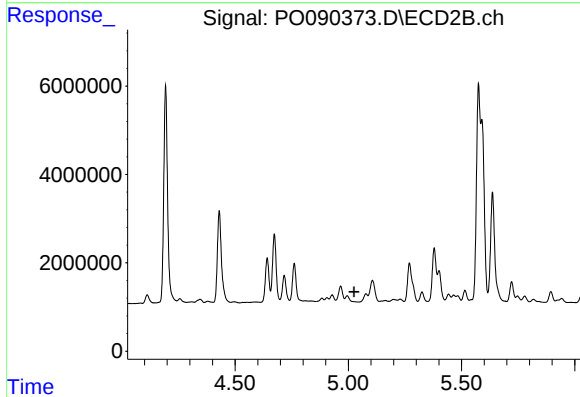
R.T.: 4.761 min
Delta R.T.: -0.050 min
Response: 7328784
Conc: 295.24 ng/ml



#7 AR-1016-5

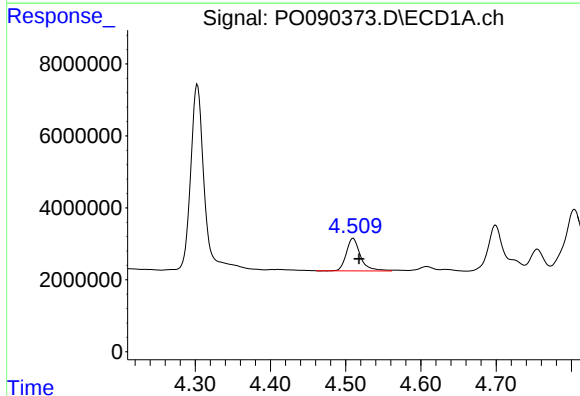
R.T.: 5.971 min
Delta R.T.: 0.008 min
Response: 3109408
Conc: 40.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



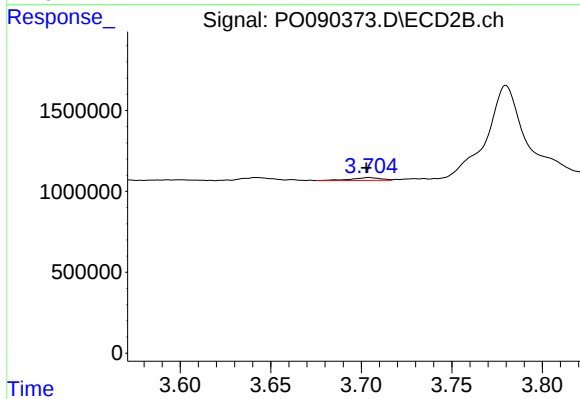
#7 AR-1016-5

R.T.: 4.995 min
Delta R.T.: -0.030 min
Response: -677744
Conc: N.D.



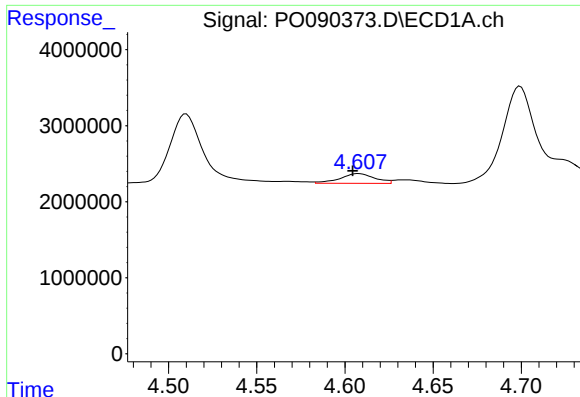
#8 AR-1221-1

R.T.: 4.510 min
Delta R.T.: -0.008 min
Response: 11802131
Conc: 309.19 ng/ml



#8 AR-1221-1

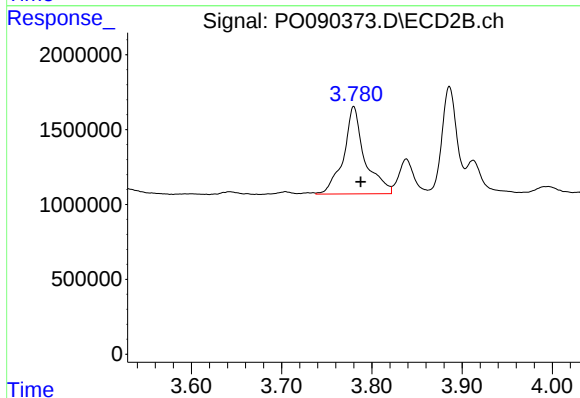
R.T.: 3.704 min
Delta R.T.: 0.002 min
Response: 190706
Conc: 14.27 ng/ml



#9 AR-1221-2

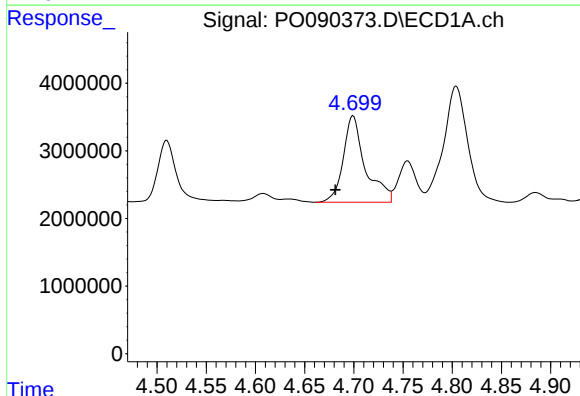
R.T.: 4.608 min
Delta R.T.: 0.003 min
Response: 1727677
Conc: 60.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



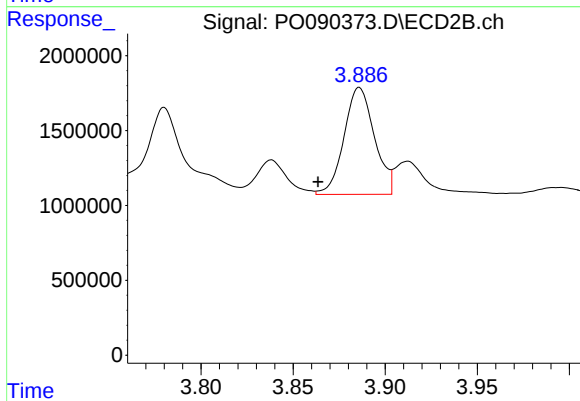
#9 AR-1221-2

R.T.: 3.780 min
Delta R.T.: -0.008 min
Response: 9518891
Conc: 937.93 ng/ml



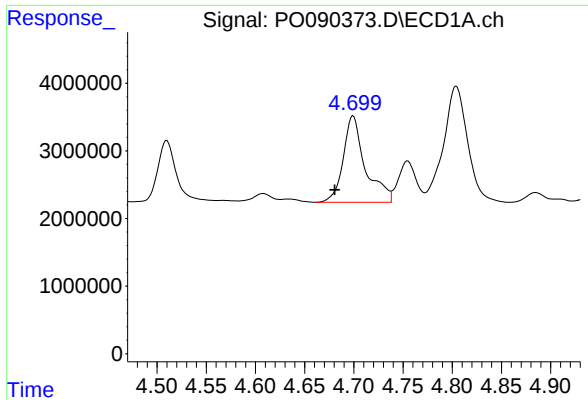
#10 AR-1221-3

R.T.: 4.699 min
Delta R.T.: 0.018 min
Response: 19947516
Conc: 232.95 ng/ml



#10 AR-1221-3

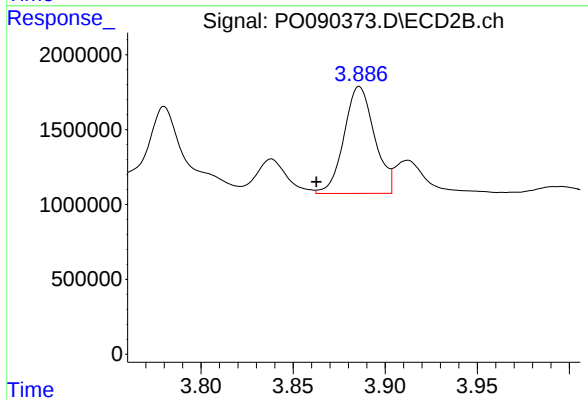
R.T.: 3.886 min
Delta R.T.: 0.022 min
Response: 8203435
Conc: 263.71 ng/ml



#11 AR-1232-1

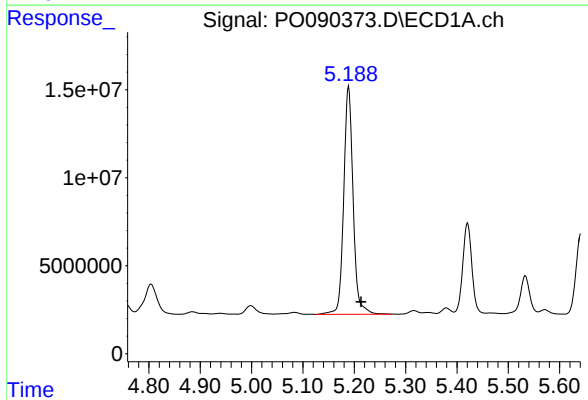
R.T.: 4.699 min
Delta R.T.: 0.019 min
Response: 19947516
Conc: 304.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



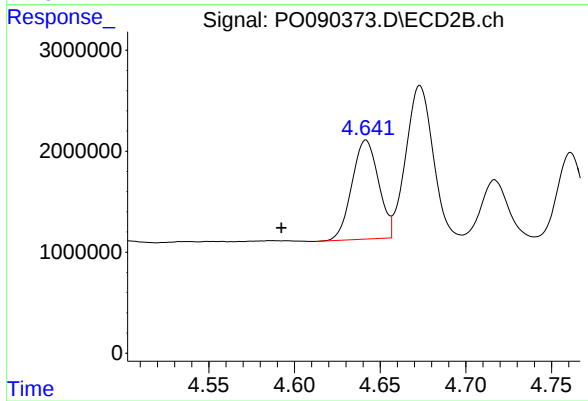
#11 AR-1232-1

R.T.: 3.886 min
Delta R.T.: 0.023 min
Response: 8203435
Conc: 344.82 ng/ml



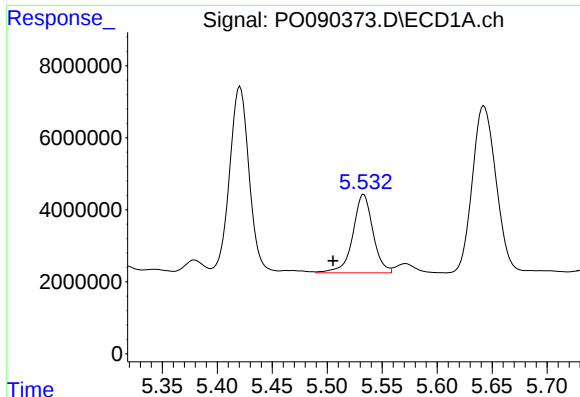
#12 AR-1232-2

R.T.: 5.189 min
Delta R.T.: -0.024 min
Response: 165210443
Conc: 4297.67 ng/ml



#12 AR-1232-2

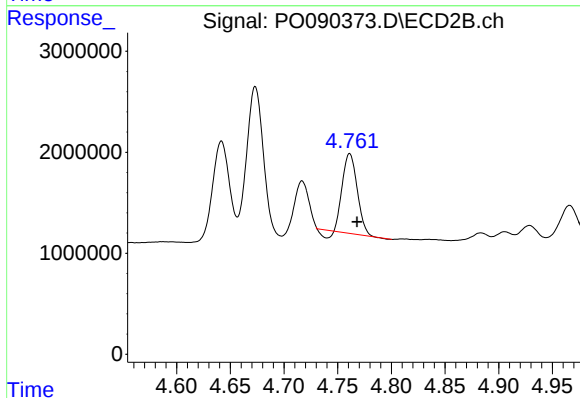
R.T.: 4.642 min
Delta R.T.: 0.049 min
Response: 10599853
Conc: 442.34 ng/ml



#13 AR-1232-3

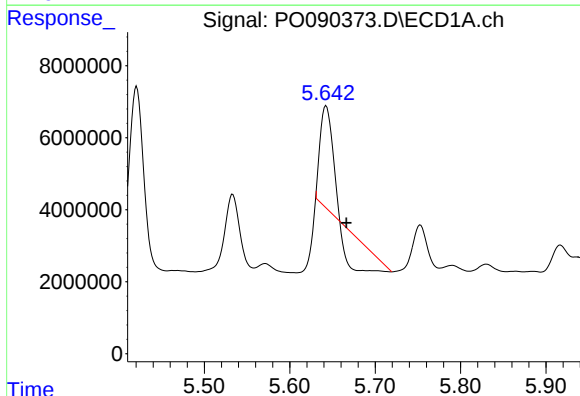
R.T.: 5.533 min
Delta R.T.: 0.028 min
Response: 27802648
Conc: 414.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



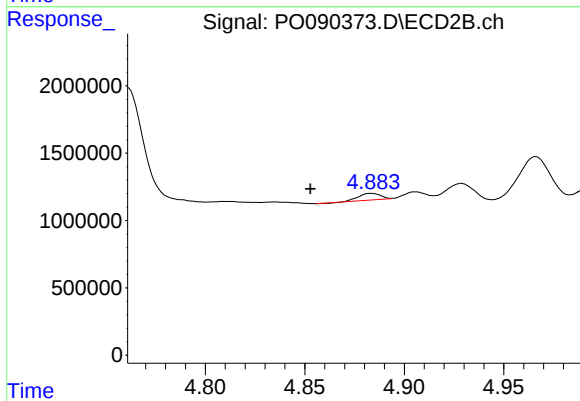
#13 AR-1232-3

R.T.: 4.761 min
Delta R.T.: -0.007 min
Response: 7328784
Conc: 577.12 ng/ml



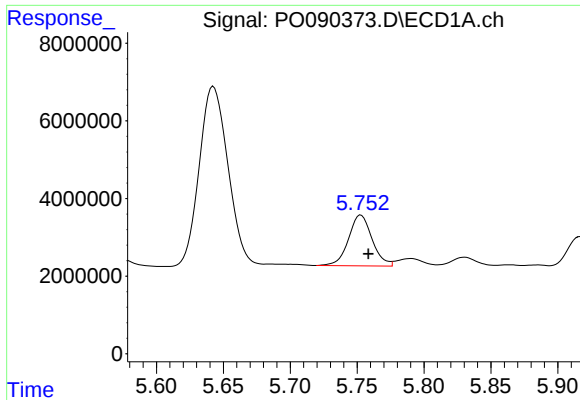
#14 AR-1232-4

R.T.: 5.643 min
Delta R.T.: -0.024 min
Response: 9163488
Conc: 277.53 ng/ml



#14 AR-1232-4

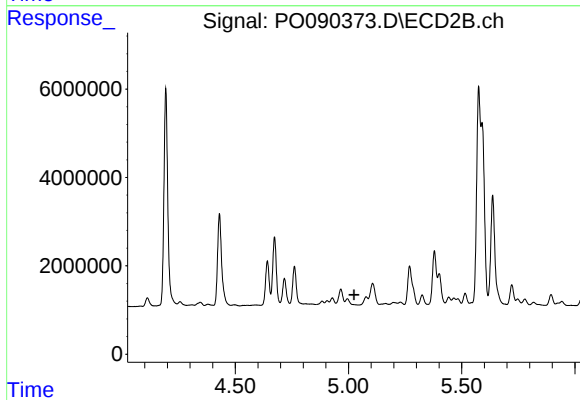
R.T.: 4.883 min
Delta R.T.: 0.031 min
Response: 364207
Conc: 29.87 ng/ml



#15 AR-1232-5

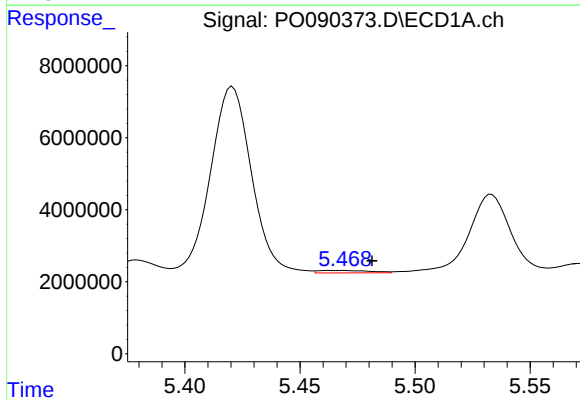
R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 16074266
Conc: 606.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



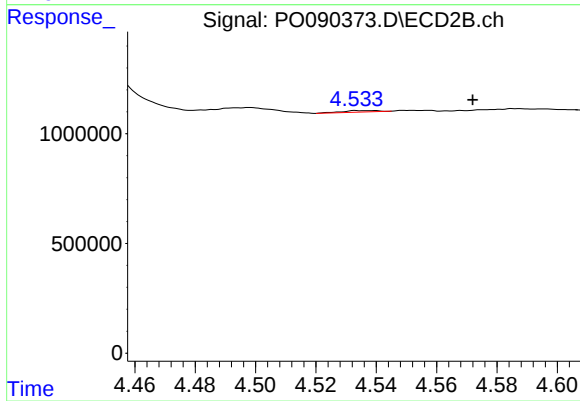
#15 AR-1232-5

R.T.: 4.995 min
Delta R.T.: -0.029 min
Response: -677744
Conc: N.D.



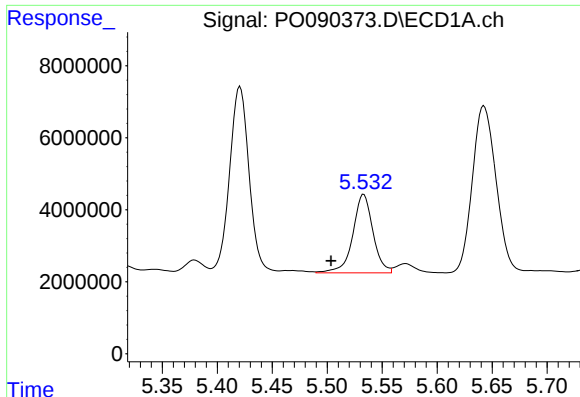
#16 AR-1242-1

R.T.: 5.469 min
Delta R.T.: -0.013 min
Response: 1072893
Conc: 12.97 ng/ml



#16 AR-1242-1

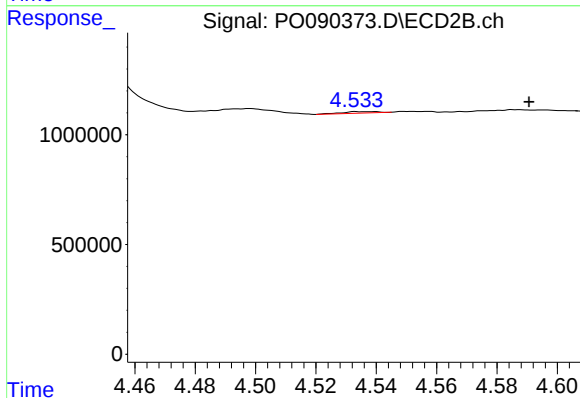
R.T.: 4.540 min
Delta R.T.: -0.032 min
Response: 62527
Conc: 2.10 ng/ml



#17 AR-1242-2

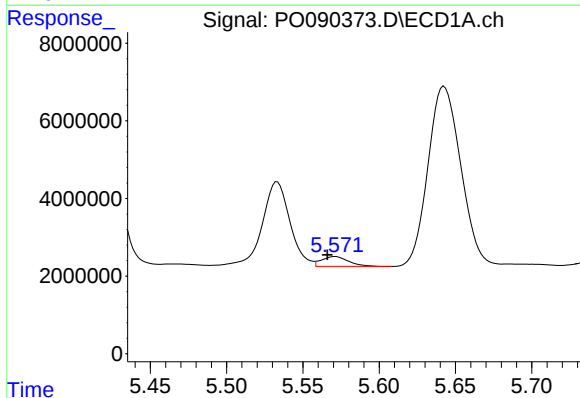
R.T.: 5.533 min
Delta R.T.: 0.030 min
Response: 27802648
Conc: 235.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



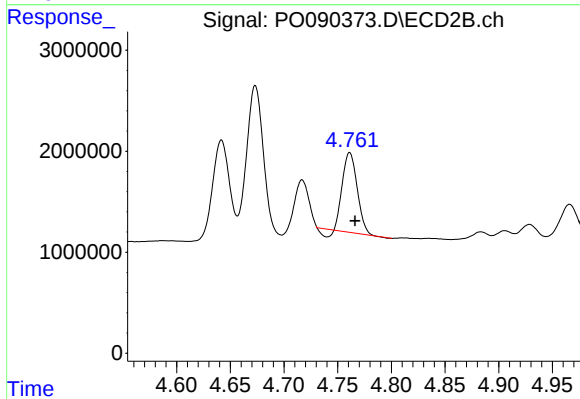
#17 AR-1242-2

R.T.: 4.540 min
Delta R.T.: -0.051 min
Response: 62527
Conc: 1.54 ng/ml



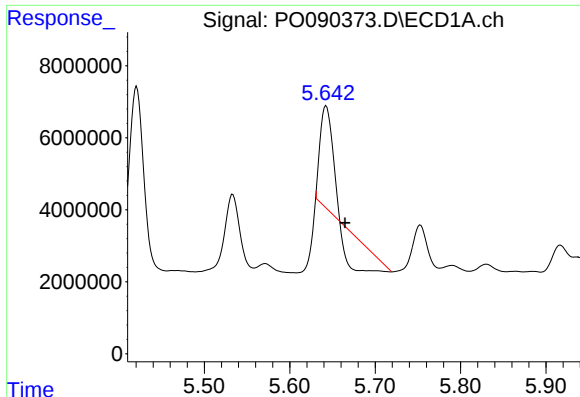
#18 AR-1242-3

R.T.: 5.571 min
Delta R.T.: 0.005 min
Response: 3175287
Conc: 42.66 ng/ml



#18 AR-1242-3

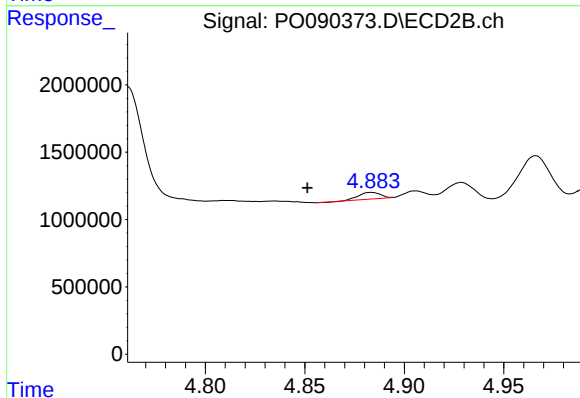
R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 7328784
Conc: 331.43 ng/ml



#19 AR-1242-4

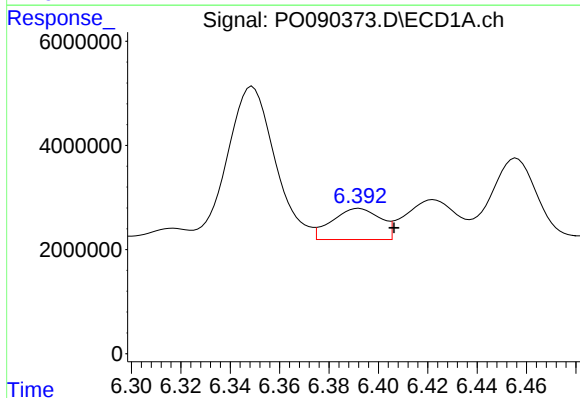
R.T.: 5.643 min
Delta R.T.: -0.022 min
Response: 9163488
Conc: 157.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



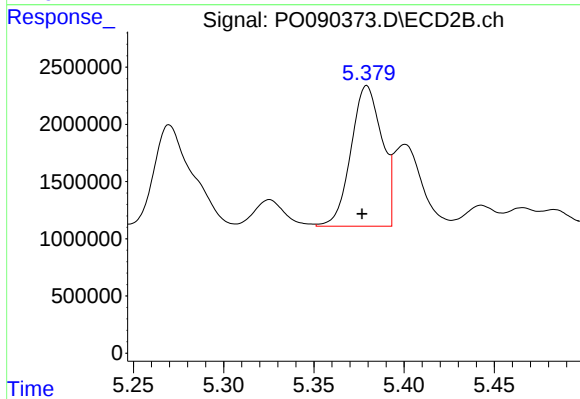
#19 AR-1242-4

R.T.: 4.883 min
Delta R.T.: 0.032 min
Response: 364207
Conc: 15.36 ng/ml



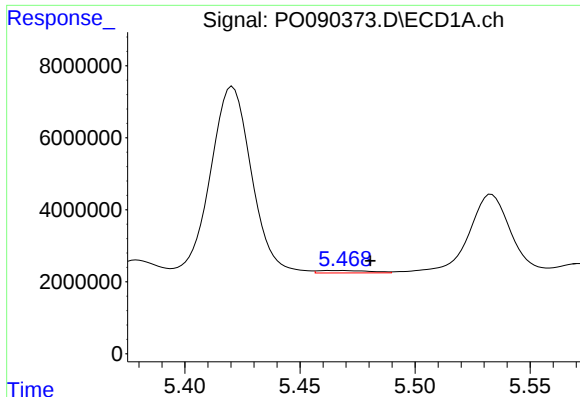
#20 AR-1242-5

R.T.: 6.392 min
Delta R.T.: -0.014 min
Response: 8156109
Conc: 132.69 ng/ml



#20 AR-1242-5

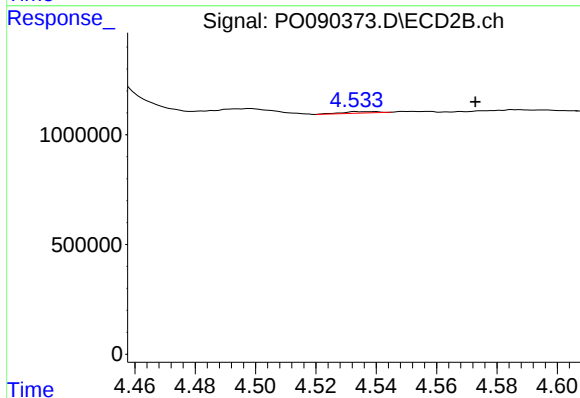
R.T.: 5.379 min
Delta R.T.: 0.003 min
Response: 14631756
Conc: 511.51 ng/ml



#21 AR-1248-1

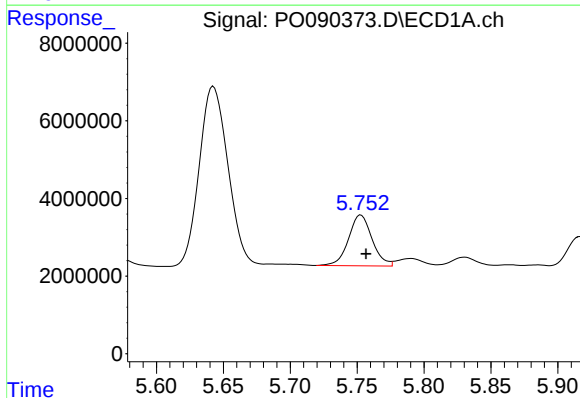
R.T.: 5.469 min
Delta R.T.: -0.012 min
Response: 1072893
Conc: 16.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



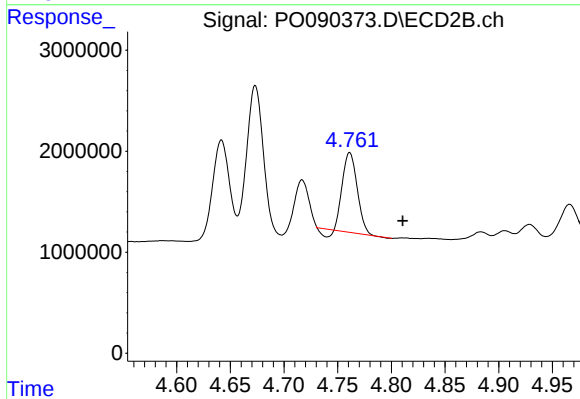
#21 AR-1248-1

R.T.: 4.540 min
Delta R.T.: -0.033 min
Response: 62527
Conc: 2.75 ng/ml



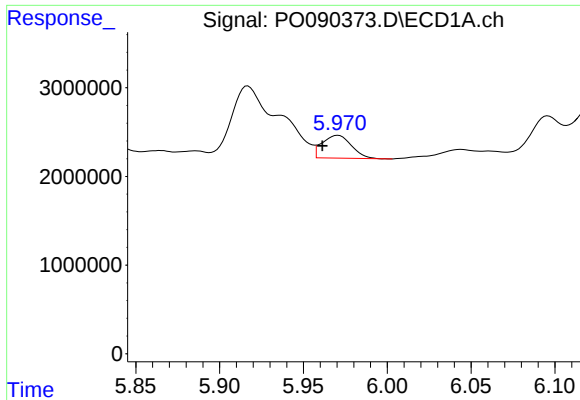
#22 AR-1248-2

R.T.: 5.753 min
Delta R.T.: -0.004 min
Response: 16074266
Conc: 169.74 ng/ml



#22 AR-1248-2

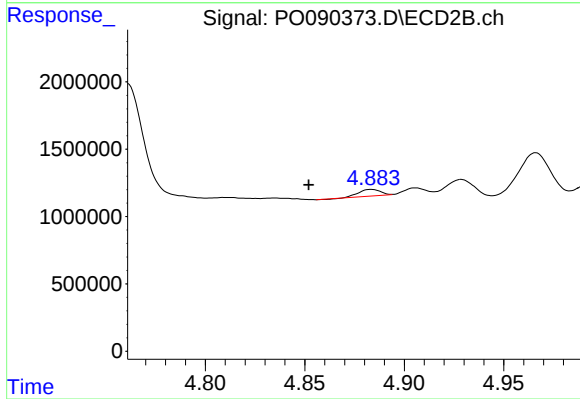
R.T.: 4.761 min
Delta R.T.: -0.049 min
Response: 7328784
Conc: 225.42 ng/ml



#23 AR-1248-3

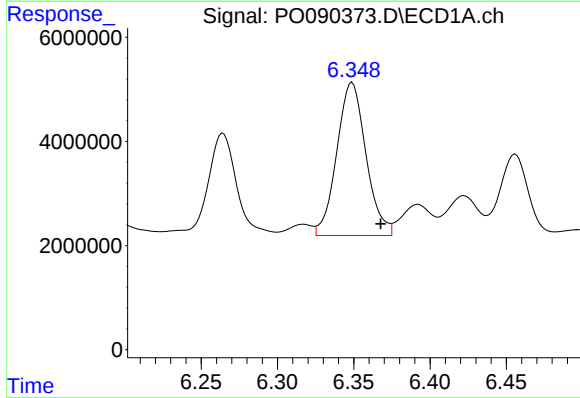
R.T.: 5.971 min
Delta R.T.: 0.009 min
Response: 3109408
Conc: 31.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



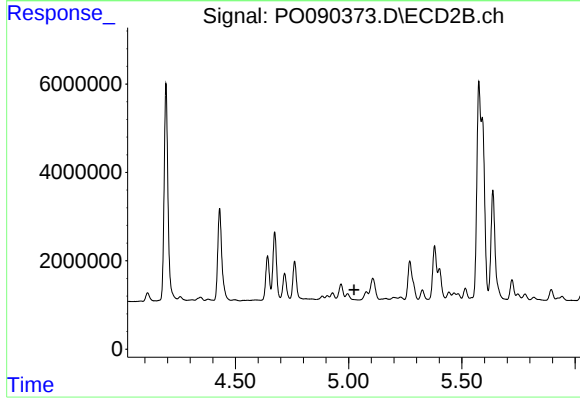
#23 AR-1248-3

R.T.: 4.883 min
Delta R.T.: 0.031 min
Response: 364207
Conc: 10.80 ng/ml



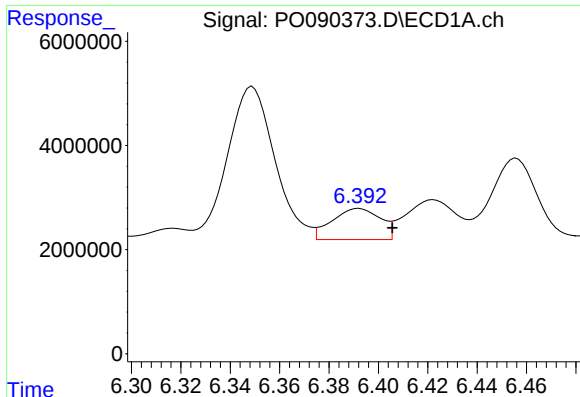
#24 AR-1248-4

R.T.: 6.349 min
Delta R.T.: -0.019 min
Response: 39167680
Conc: 367.36 ng/ml



#24 AR-1248-4

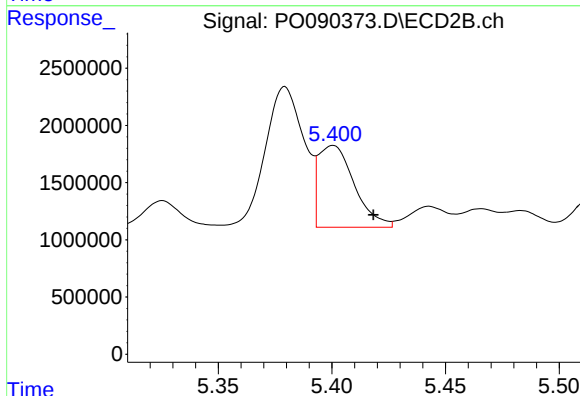
R.T.: 4.995 min
Delta R.T.: -0.029 min
Response: -677744
Conc: N.D.



#25 AR-1248-5

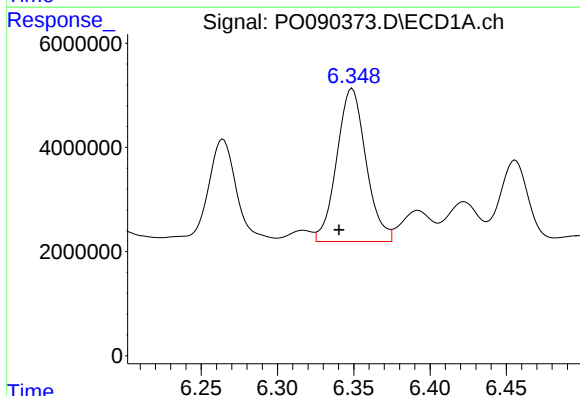
R.T.: 6.392 min
Delta R.T.: -0.014 min
Response: 8156109
Conc: 77.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



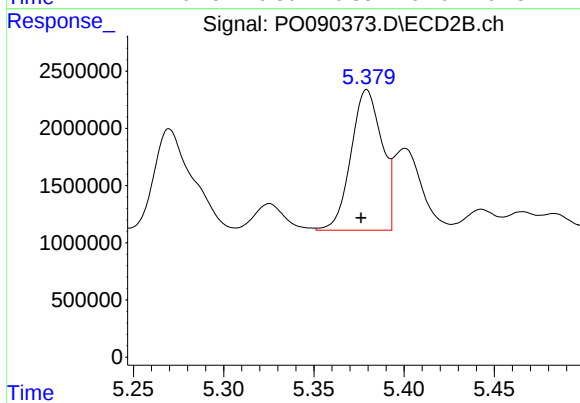
#25 AR-1248-5

R.T.: 5.401 min
Delta R.T.: -0.018 min
Response: 7875576
Conc: 217.51 ng/ml



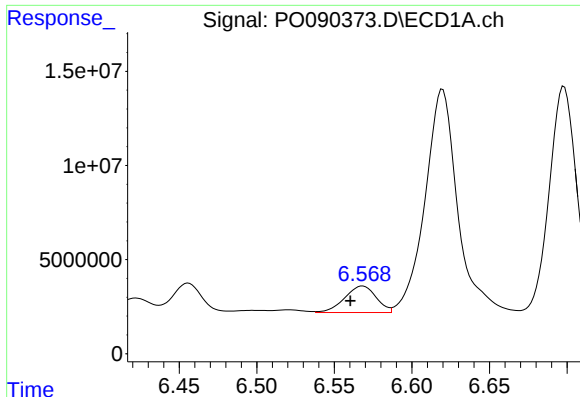
#26 AR-1254-1

R.T.: 6.349 min
Delta R.T.: 0.009 min
Response: 39167680
Conc: 337.95 ng/ml



#26 AR-1254-1

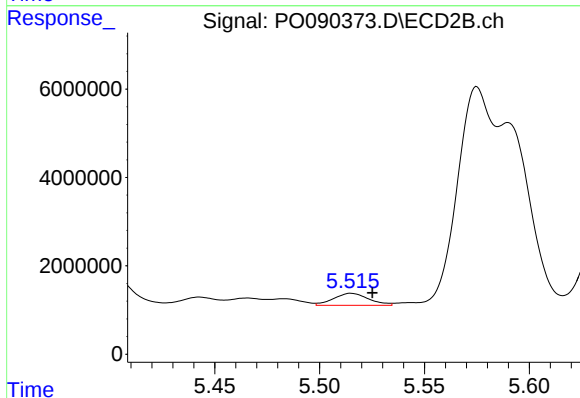
R.T.: 5.379 min
Delta R.T.: 0.003 min
Response: 14631756
Conc: 248.39 ng/ml



#27 AR-1254-2

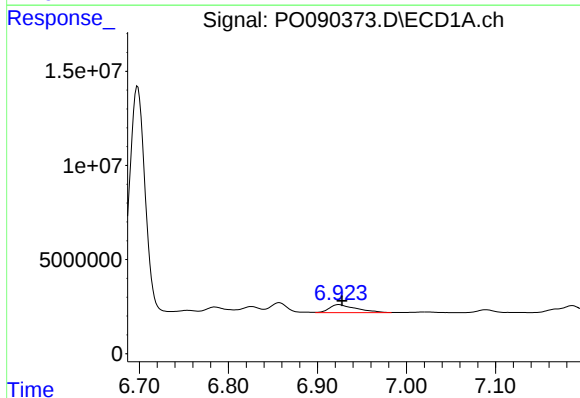
R.T.: 6.568 min
Delta R.T.: 0.008 min
Response: 19987506
Conc: 114.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



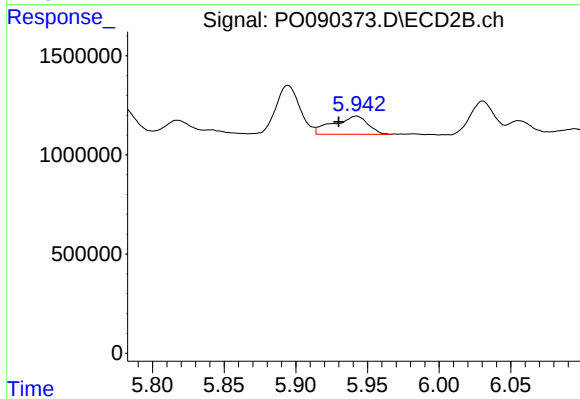
#27 AR-1254-2

R.T.: 5.515 min
Delta R.T.: -0.010 min
Response: 3145269
Conc: 58.70 ng/ml



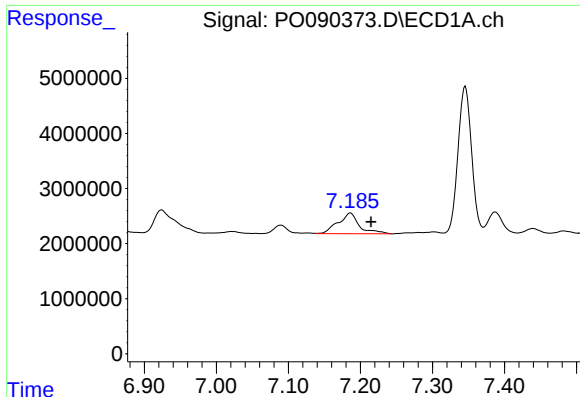
#28 AR-1254-3

R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 8875714
Conc: 51.13 ng/ml



#28 AR-1254-3

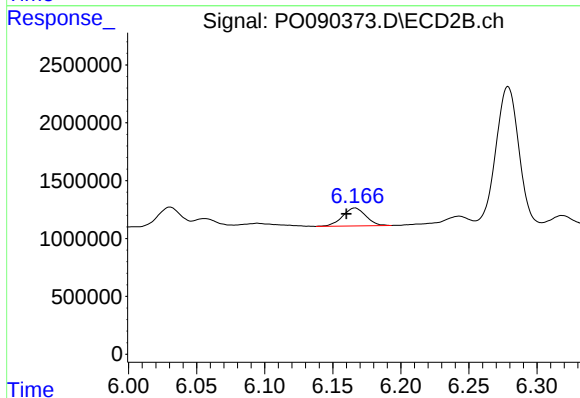
R.T.: 5.942 min
Delta R.T.: 0.012 min
Response: 1541322
Conc: 18.60 ng/ml



#29 AR-1254-4

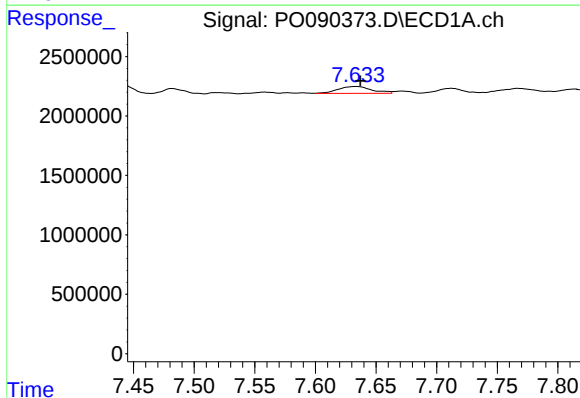
R.T.: 7.186 min
Delta R.T.: -0.029 min
Response: 7694578
Conc: 60.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



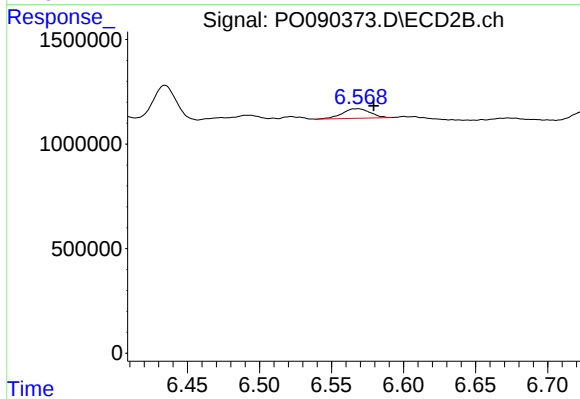
#29 AR-1254-4

R.T.: 6.166 min
Delta R.T.: 0.006 min
Response: 1849235
Conc: 37.23 ng/ml



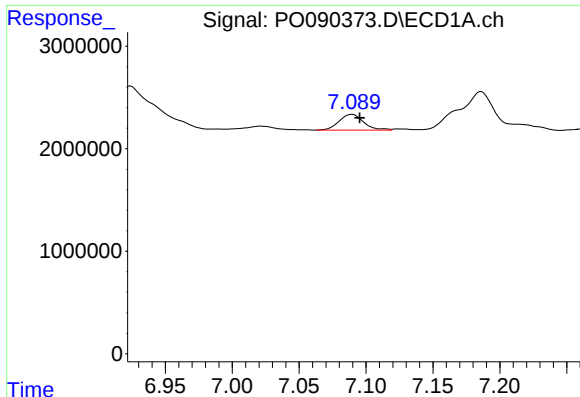
#30 AR-1254-5

R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 1120528
Conc: 7.95 ng/ml



#30 AR-1254-5

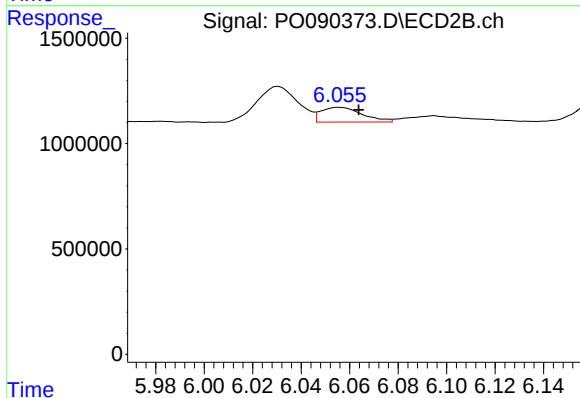
R.T.: 6.568 min
Delta R.T.: -0.011 min
Response: 614904
Conc: 8.21 ng/ml



#31 AR-1260-1

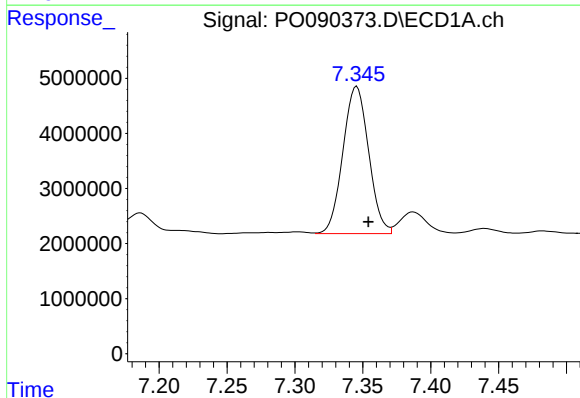
R.T.: 7.090 min
Delta R.T.: -0.006 min
Response: 1980114
Conc: 14.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



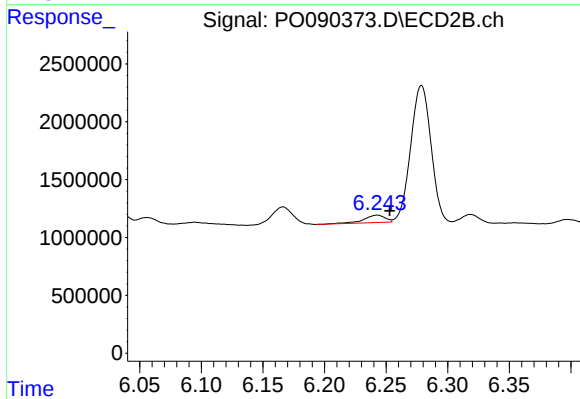
#31 AR-1260-1

R.T.: 6.056 min
Delta R.T.: -0.008 min
Response: 825385
Conc: 13.71 ng/ml



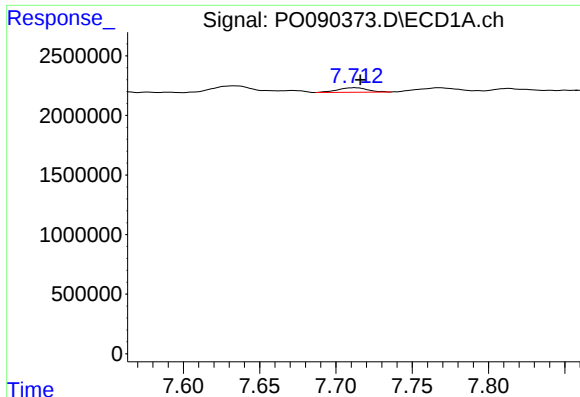
#32 AR-1260-2

R.T.: 7.346 min
Delta R.T.: -0.009 min
Response: 35219798
Conc: 217.70 ng/ml



#32 AR-1260-2

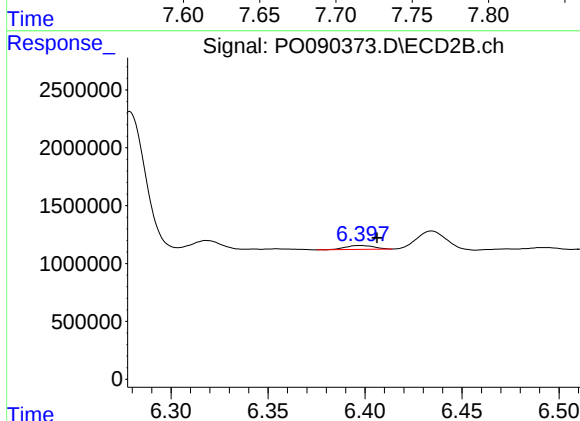
R.T.: 6.243 min
Delta R.T.: -0.010 min
Response: 775455
Conc: 10.73 ng/ml



#33 AR-1260-3

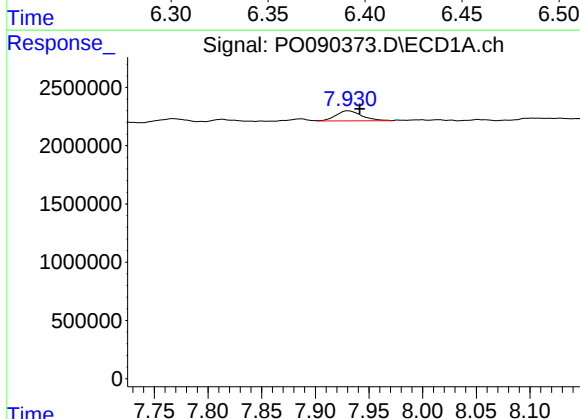
R.T.: 7.712 min
Delta R.T.: -0.003 min
Response: 509726
Conc: 4.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



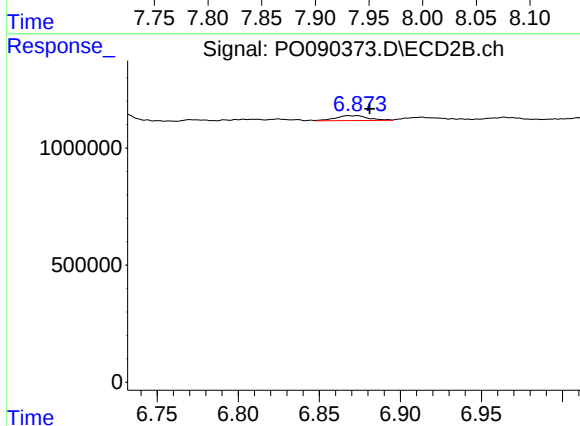
#33 AR-1260-3

R.T.: 6.397 min
Delta R.T.: -0.009 min
Response: 344507
Conc: 5.17 ng/ml



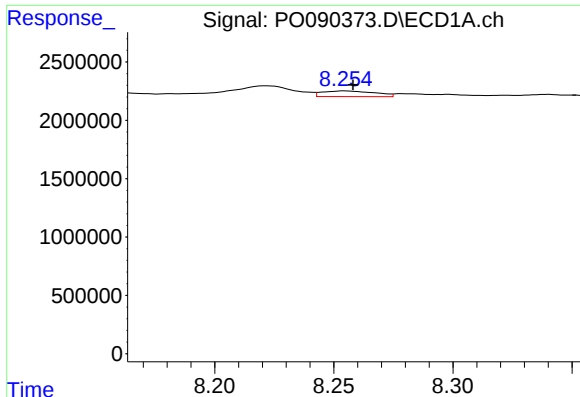
#34 AR-1260-4

R.T.: 7.931 min
Delta R.T.: -0.011 min
Response: 1447384
Conc: 11.72 ng/ml



#34 AR-1260-4

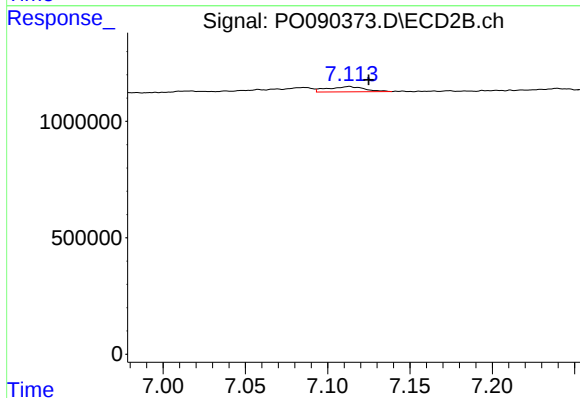
R.T.: 6.873 min
Delta R.T.: -0.008 min
Response: 291379
Conc: 5.73 ng/ml



#35 AR-1260-5

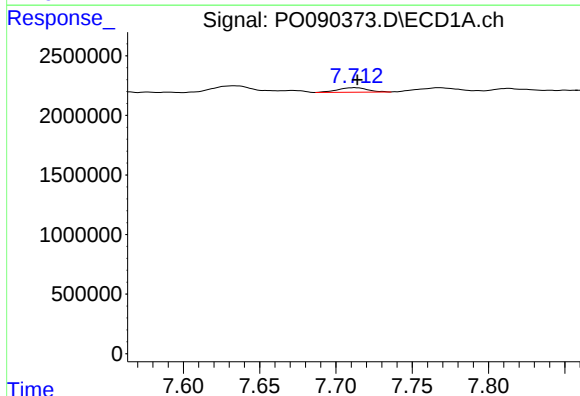
R.T.: 8.255 min
Delta R.T.: -0.003 min
Response: 749397
Conc: 3.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



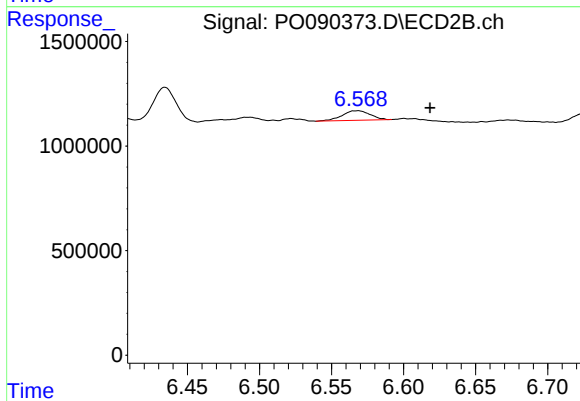
#35 AR-1260-5

R.T.: 7.113 min
Delta R.T.: -0.012 min
Response: 347992
Conc: 3.00 ng/ml



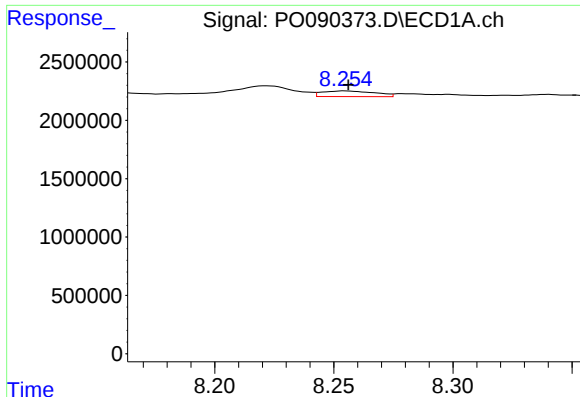
#36 AR-1262-1

R.T.: 7.712 min
Delta R.T.: -0.002 min
Response: 509726
Conc: 3.07 ng/ml



#36 AR-1262-1

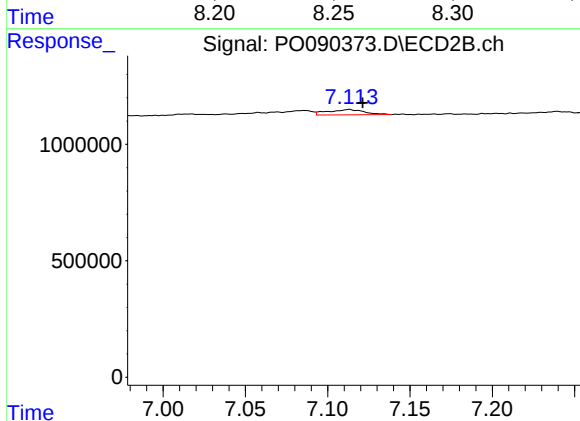
R.T.: 6.568 min
Delta R.T.: -0.050 min
Response: 614904
Conc: 8.12 ng/ml



#37 AR-1262-2

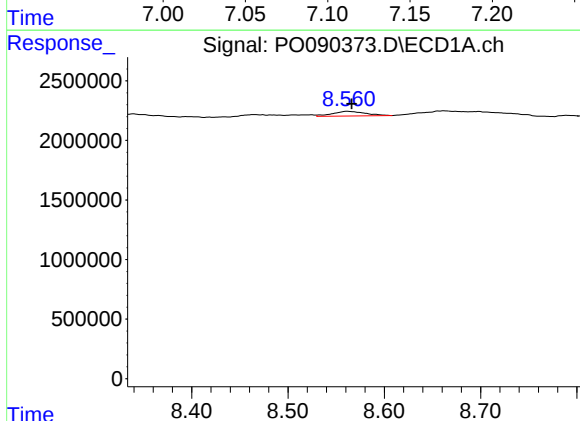
R.T.: 8.255 min
Delta R.T.: -0.001 min
Response: 749397
Conc: 2.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



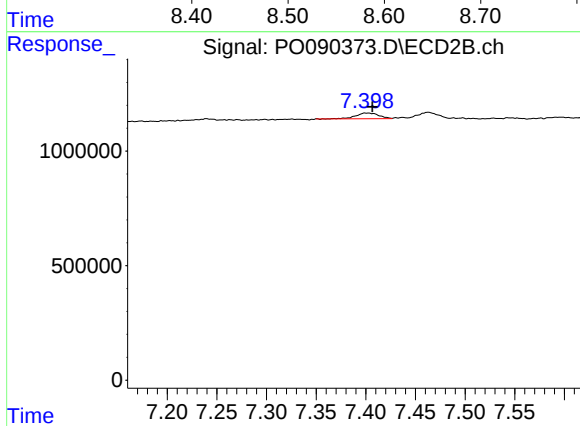
#37 AR-1262-2

R.T.: 7.113 min
Delta R.T.: -0.008 min
Response: 347992
Conc: 2.71 ng/ml



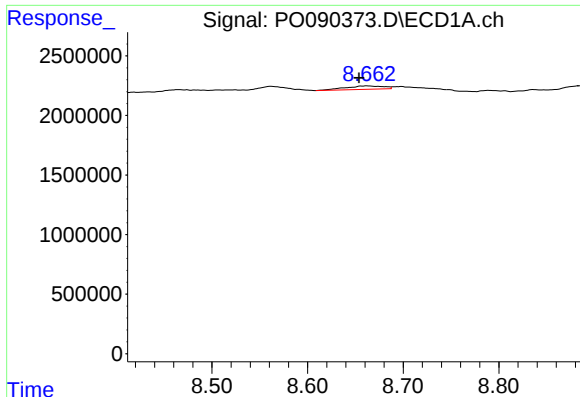
#38 AR-1262-3

R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 918770
Conc: 4.68 ng/ml



#38 AR-1262-3

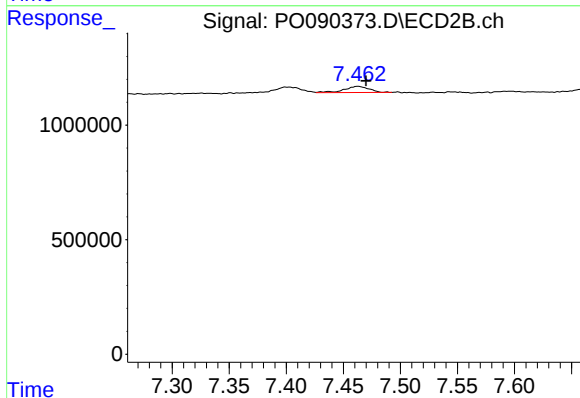
R.T.: 7.400 min
Delta R.T.: -0.006 min
Response: 395207
Conc: 7.26 ng/ml



#39 AR-1262-4

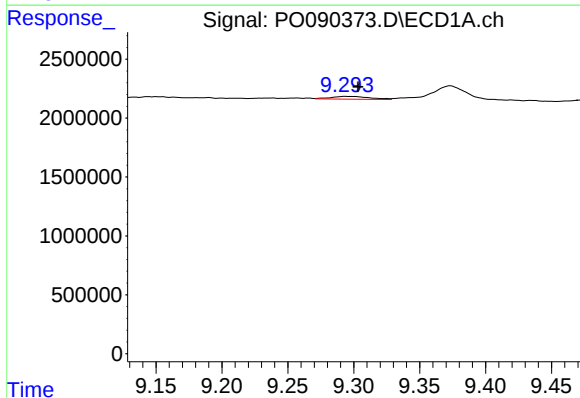
R.T.: 8.662 min
Delta R.T.: 0.009 min
Response: 793024
Conc: 8.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



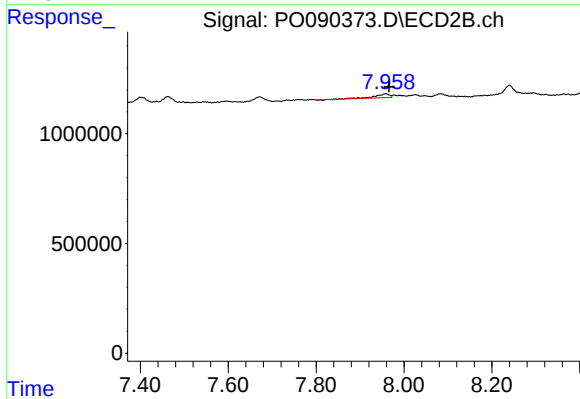
#39 AR-1262-4

R.T.: 7.463 min
Delta R.T.: -0.007 min
Response: 401013
Conc: 4.13 ng/ml



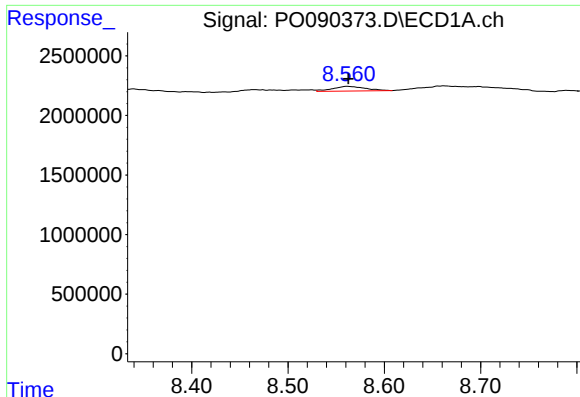
#40 AR-1262-5

R.T.: 9.294 min
Delta R.T.: -0.009 min
Response: 477267
Conc: 4.53 ng/ml



#40 AR-1262-5

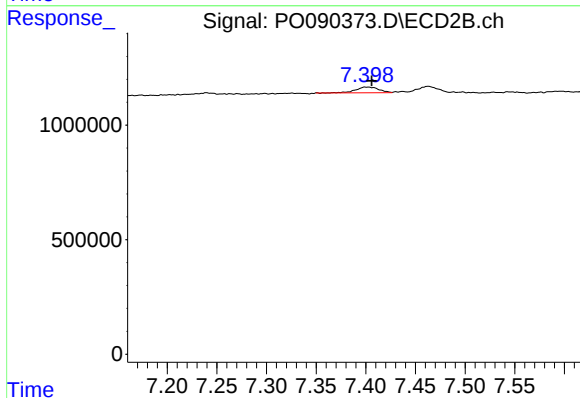
R.T.: 7.959 min
Delta R.T.: -0.007 min
Response: 401271
Conc: 8.45 ng/ml



#41 AR-1268-1

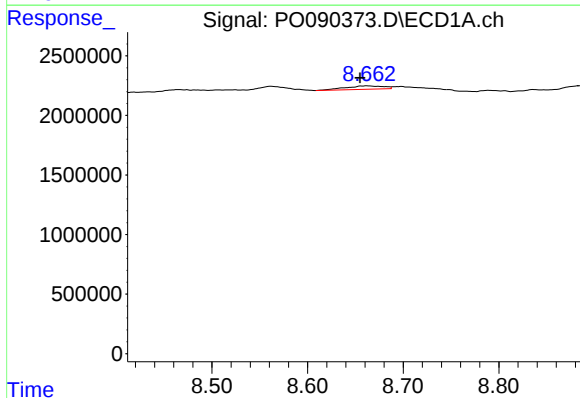
R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 918770
Conc: 2.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



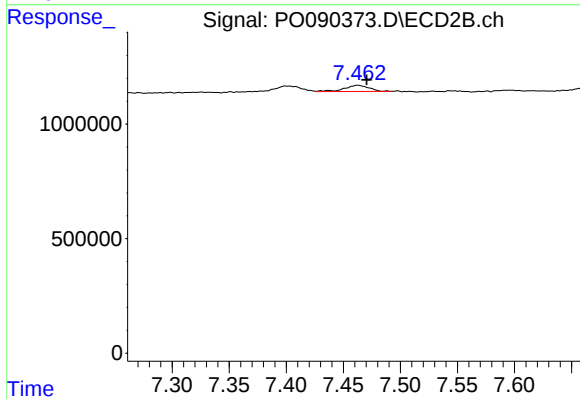
#41 AR-1268-1

R.T.: 7.400 min
Delta R.T.: -0.006 min
Response: 395207
Conc: 2.51 ng/ml



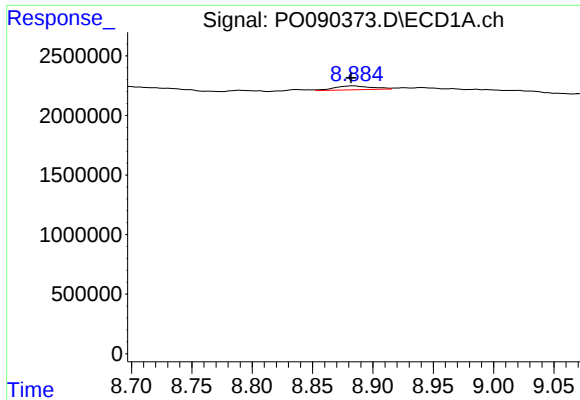
#42 AR-1268-2

R.T.: 8.662 min
Delta R.T.: 0.008 min
Response: 793024
Conc: 2.54 ng/ml



#42 AR-1268-2

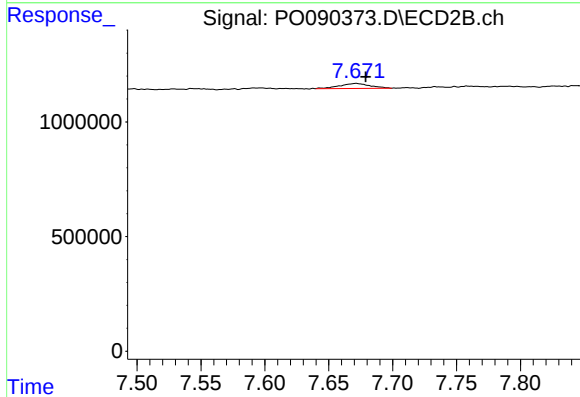
R.T.: 7.463 min
Delta R.T.: -0.008 min
Response: 401013
Conc: 2.86 ng/ml



#43 AR-1268-3

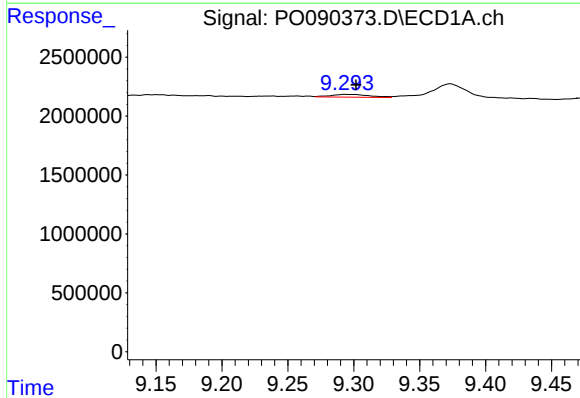
R.T.: 8.884 min
Delta R.T.: 0.002 min
Response: 705349
Conc: 2.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



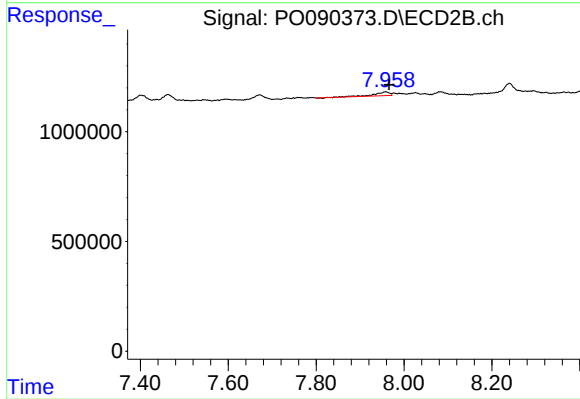
#43 AR-1268-3

R.T.: 7.671 min
Delta R.T.: -0.008 min
Response: 365616
Conc: 3.05 ng/ml



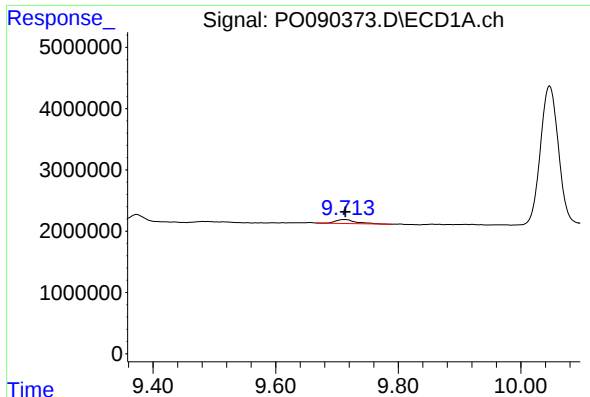
#44 AR-1268-4

R.T.: 9.294 min
Delta R.T.: -0.008 min
Response: 477267
Conc: 4.10 ng/ml



#44 AR-1268-4

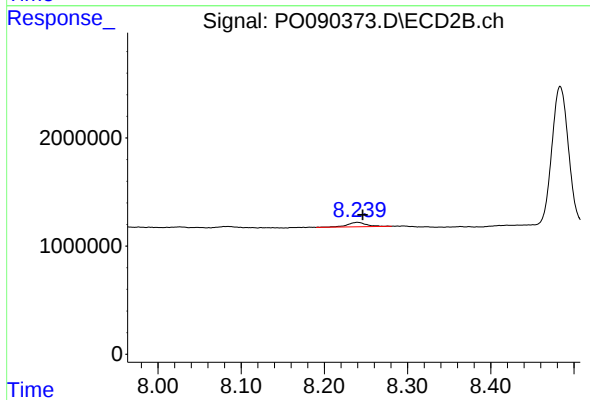
R.T.: 7.959 min
Delta R.T.: -0.007 min
Response: 401271
Conc: 7.39 ng/ml



#45 AR-1268-5

R.T.: 9.711 min
Delta R.T.: -0.003 min
Response: 1446698
Conc: 1.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-13



#45 AR-1268-5

R.T.: 8.240 min
Delta R.T.: -0.006 min
Response: 681144
Conc: 1.95 ng/ml