

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072519\
 Data File : P0058371.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Jul 2019 20:35
 Operator : SM/AJ
 Sample : K3887-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AOC-7(3)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 01:25:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.187	3.529	816638	722530	24.099	22.527
2)	SA Decachlor...	9.689	8.425	825464	544988	16.135	15.900
Target Compounds							
3)	L1 AR-1016-1	5.366	4.606	97122	39333	62.934	32.911 #
4)	L1 AR-1016-2	5.366	4.606	97122	39333	42.999	22.200 #
5)	L1 AR-1016-3	5.430	4.781	22672	31886	16.019	33.966 #
6)	L1 AR-1016-4	5.521	4.820	33830	76396	29.704	98.135 #
7)	L1 AR-1016-5	5.812	5.030	98427	56311	85.807	54.927 #
8)	L2 AR-1221-1	4.407	0.000	174361	0	422.606	N.D. #
9)	L2 AR-1221-2	4.527	0.000	56380	0	182.285	N.D. #
10)	L2 AR-1221-3	4.527	3.940	56380	62380	56.762	73.636 #
11)	L3 AR-1232-1	4.527	3.940	56380	62380	68.626	88.490 #
12)	L3 AR-1232-2	5.049	4.606	39519	39333	85.448	49.831 #
13)	L3 AR-1232-3	5.366	4.781	97122	31886	97.515	77.478
14)	L3 AR-1232-4	5.521	4.860	33830	28253	67.841	76.983
15)	L3 AR-1232-5	5.611	5.030	117826	56311	312.480	136.043 #
16)	L4 AR-1242-1	5.366	4.606	97122	39333	79.298	41.273 #
17)	L4 AR-1242-2	5.366	4.606	97122	39333	52.897	28.193 #
18)	L4 AR-1242-3	5.430	4.781	22672	31886	19.525	41.588 #
19)	L4 AR-1242-4	5.521	4.860	33830	28253	35.882	37.224
20)	L4 AR-1242-5	6.251	5.376	194278	339398	167.772	356.187 #
21)	L5 AR-1248-1	5.366	4.606	97122	39333	103.892	53.560 #
22)	L5 AR-1248-2	5.611	4.820	117826	76396	87.444	74.972
23)	L5 AR-1248-3	5.812	4.860	98427	28253	63.491	26.878 #
24)	L5 AR-1248-4	6.210	5.030	134303	56311	68.598	43.733 #
25)	L5 AR-1248-5	6.251	5.417	194278	53292	101.938	42.155 #
26)	L6 AR-1254-1	6.184	5.376	401193	339398	204.150	166.580
27)	L6 AR-1254-2	6.400	5.544	590321	109310	180.579	60.321 #
28)	L6 AR-1254-3	6.764	5.918	629824	557393	178.532	190.338
29)	L6 AR-1254-4	7.046	6.172	452874	103229	153.059	55.871 #
30)	L6 AR-1254-5	7.490	6.585	183389	119060	62.478	43.796 #
31)	L7 AR-1260-1	6.922	6.045	384683	271231	153.804	133.928
32)	L7 AR-1260-2	7.177	6.232	683840	272931	194.501	106.131 #
33)	L7 AR-1260-3	7.529	6.381	380243	278923	129.502	122.296
34)	L7 AR-1260-4	7.752	6.846	407802	62031	149.282	32.037 #
35)	L7 AR-1260-5	8.061	7.089	294418	197189	50.750	42.844
36)	L8 AR-1262-1	7.529	6.623	380243	22040	68.825	5.549 #
37)	L8 AR-1262-2	8.061	7.089	294418	197189	34.622	30.528
38)	L8 AR-1262-3	8.364	7.366	124711	30017	22.155	10.890 #
39)	L8 AR-1262-4	0.000	7.430	0	130342	N.D.	27.299 #
40)	L8 AR-1262-5	9.029	7.924	31891	29609	11.478	14.887 #
41)	L9 AR-1268-1	8.364	7.366	124711	30017	12.128	3.845 #
42)	L9 AR-1268-2	0.000	7.430	0	130342	N.D.	18.294 #

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 Operator : SM/AJ
 Sample : K3887-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

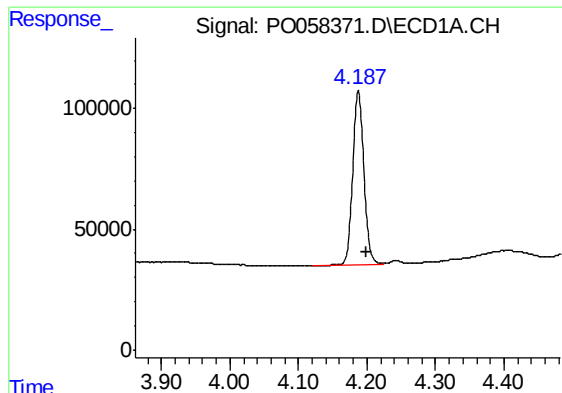
Instrument :
 ECD_O
 ClientSampleId :
 AOC-7(3)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 01:25:22 2019
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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
43) L9	AR-1268-3	0.000	7.629	0	17332	N.D.	2.877 #
44) L9	AR-1268-4	9.029	7.924	31891	29609	10.762	14.154 #
45) L9	AR-1268-5	9.396	8.193	44729	63072	2.053	3.782 #

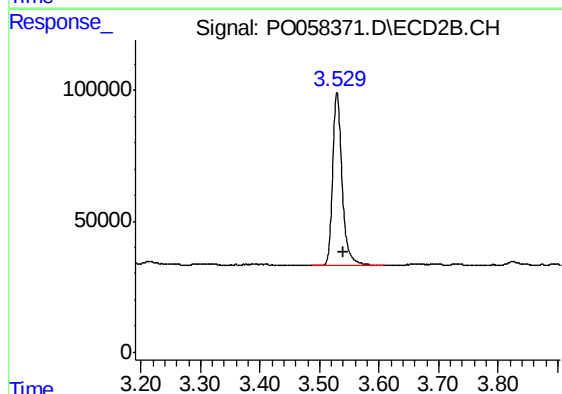
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

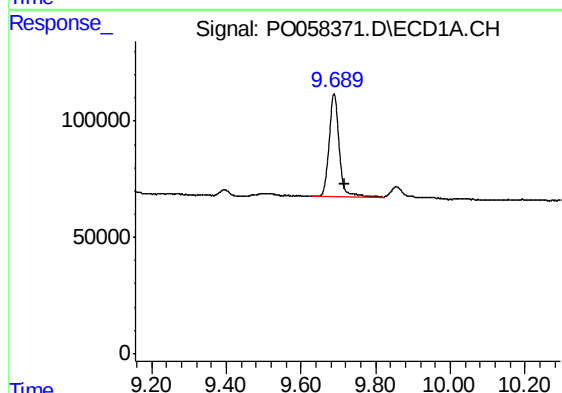
R.T.: 4.187 min
Delta R.T.: -0.013 min
Response: 816638
Conc: 24.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



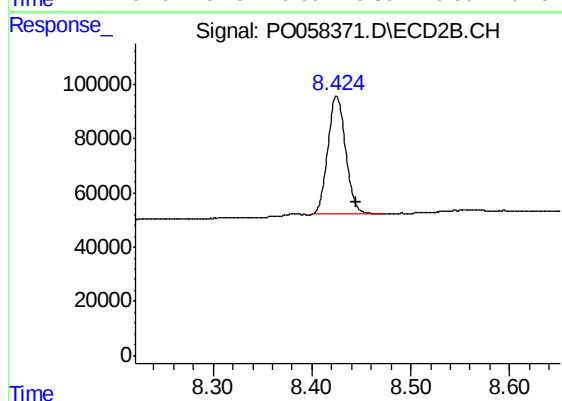
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.010 min
Response: 722530
Conc: 22.53 ng/ml



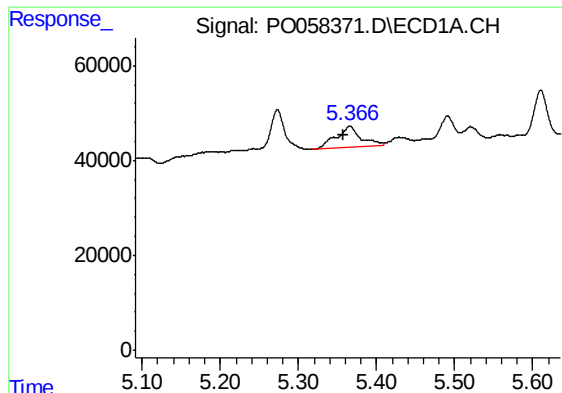
#2 Decachlorobiphenyl

R.T.: 9.689 min
Delta R.T.: -0.029 min
Response: 825464
Conc: 16.14 ng/ml



#2 Decachlorobiphenyl

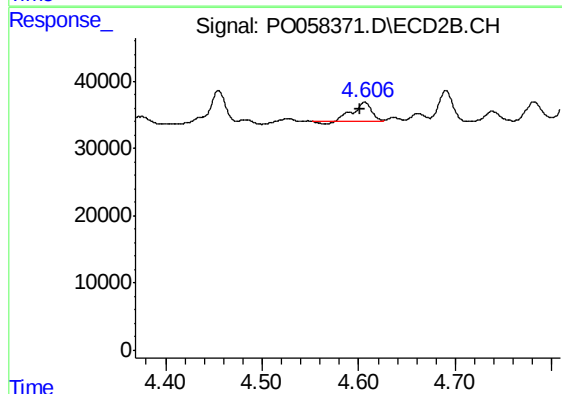
R.T.: 8.425 min
Delta R.T.: -0.020 min
Response: 544988
Conc: 15.90 ng/ml



#3 AR-1016-1

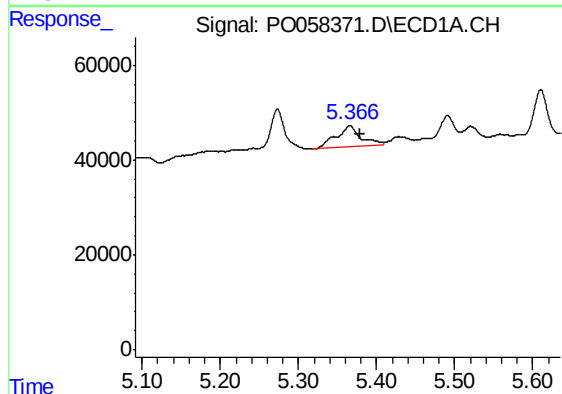
R.T.: 5.366 min
Delta R.T.: 0.009 min
Response: 97122
Conc: 62.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



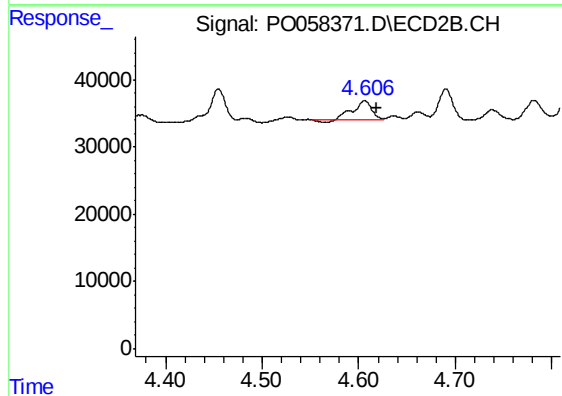
#3 AR-1016-1

R.T.: 4.606 min
Delta R.T.: 0.005 min
Response: 39333
Conc: 32.91 ng/ml



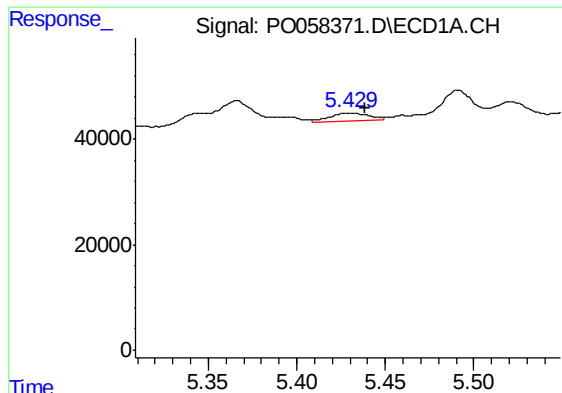
#4 AR-1016-2

R.T.: 5.366 min
Delta R.T.: -0.013 min
Response: 97122
Conc: 43.00 ng/ml



#4 AR-1016-2

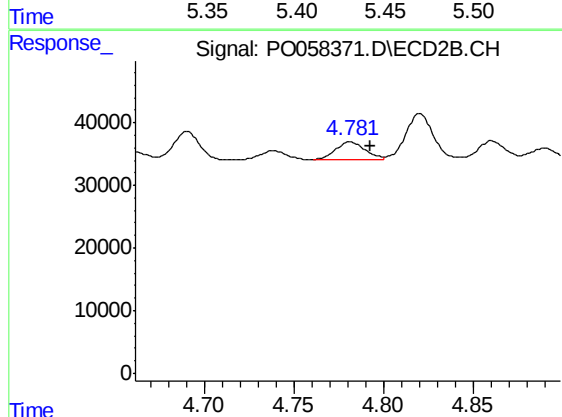
R.T.: 4.606 min
Delta R.T.: -0.012 min
Response: 39333
Conc: 22.20 ng/ml



#5 AR-1016-3

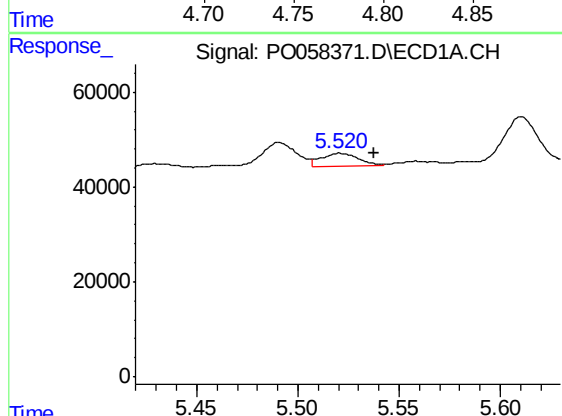
R.T.: 5.430 min
Delta R.T.: -0.009 min
Response: 22672
Conc: 16.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



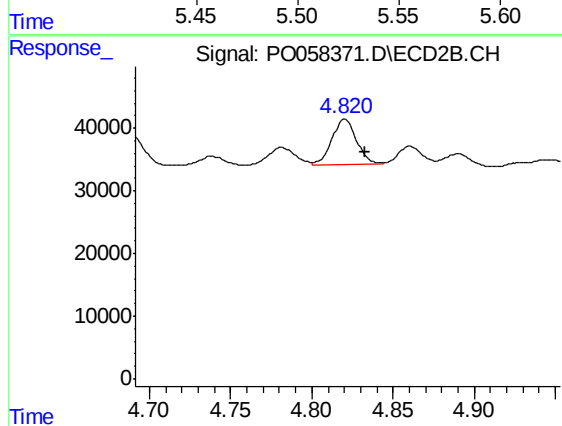
#5 AR-1016-3

R.T.: 4.781 min
Delta R.T.: -0.011 min
Response: 31886
Conc: 33.97 ng/ml



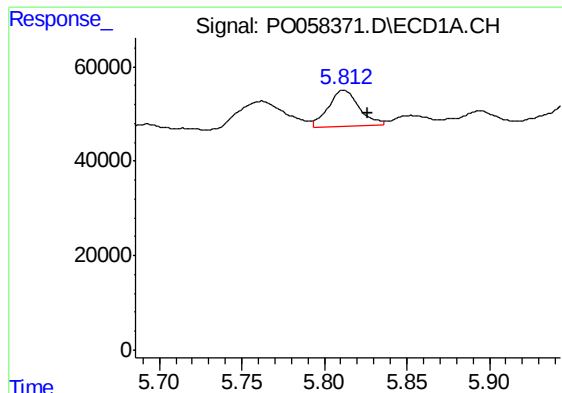
#6 AR-1016-4

R.T.: 5.521 min
Delta R.T.: -0.017 min
Response: 33830
Conc: 29.70 ng/ml



#6 AR-1016-4

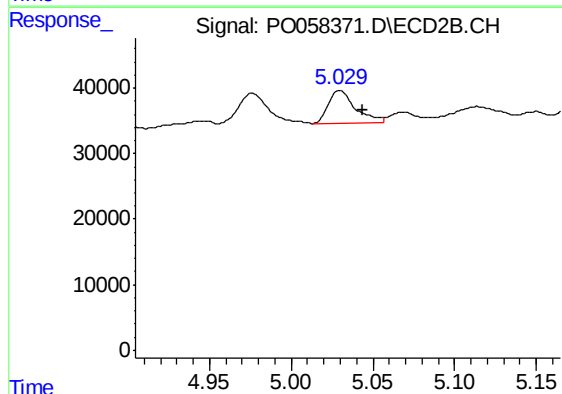
R.T.: 4.820 min
Delta R.T.: -0.013 min
Response: 76396
Conc: 98.14 ng/ml



#7 AR-1016-5

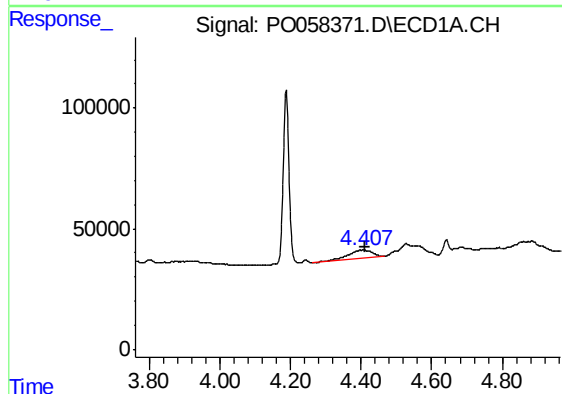
R.T.: 5.812 min
Delta R.T.: -0.014 min
Response: 98427
Conc: 85.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



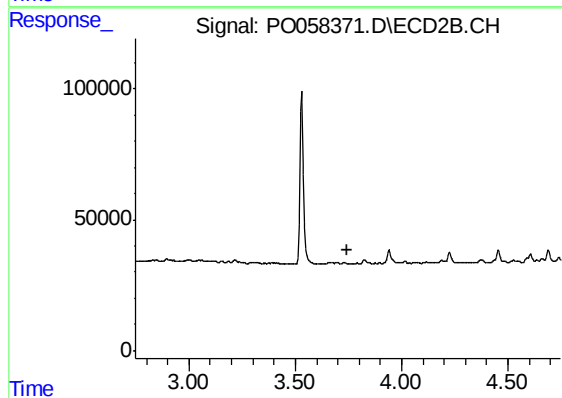
#7 AR-1016-5

R.T.: 5.030 min
Delta R.T.: -0.014 min
Response: 56311
Conc: 54.93 ng/ml



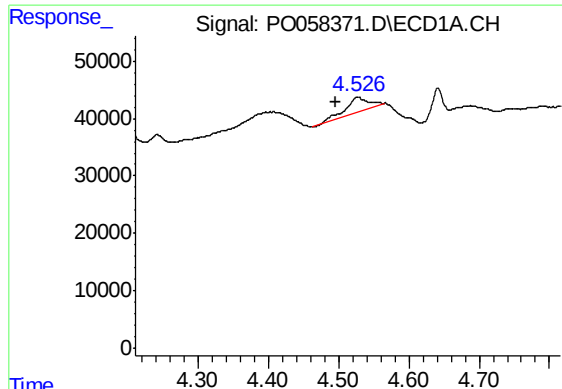
#8 AR-1221-1

R.T.: 4.407 min
Delta R.T.: -0.003 min
Response: 174361
Conc: 422.61 ng/ml



#8 AR-1221-1

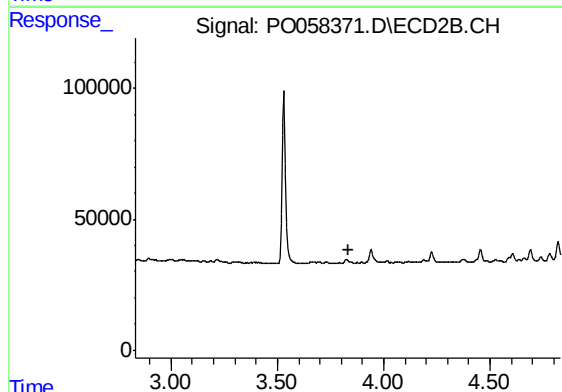
R.T.: 0.000 min
Exp R.T. : 3.748 min
Response: 0
Conc: N.D.



#9 AR-1221-2

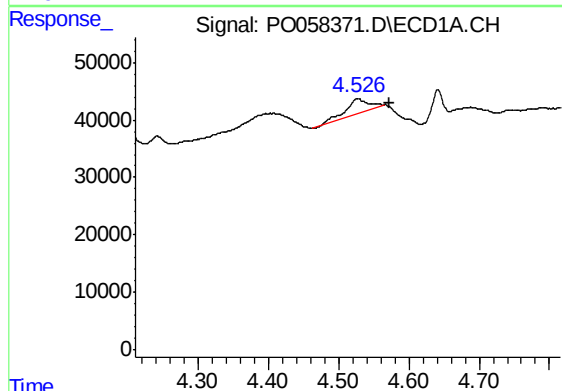
R.T.: 4.527 min
Delta R.T.: 0.031 min
Response: 56380
Conc: 182.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



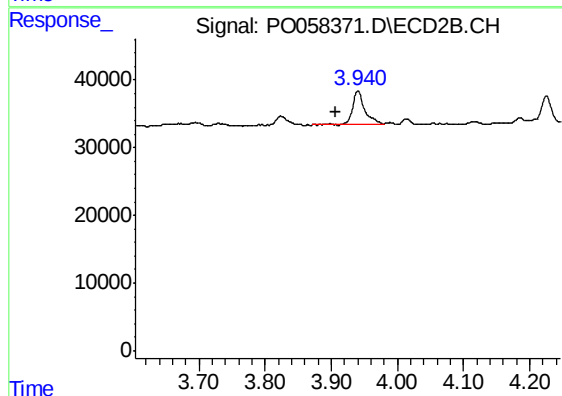
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.832 min
Response: 0
Conc: N.D.



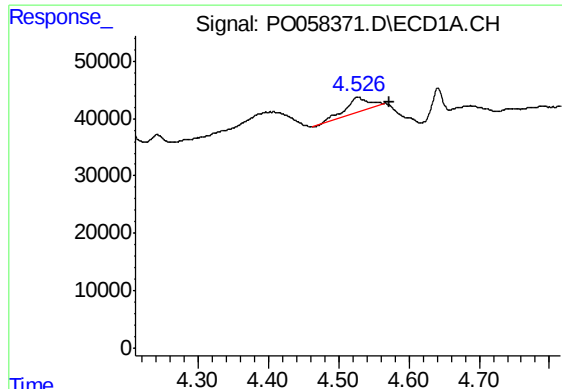
#10 AR-1221-3

R.T.: 4.527 min
Delta R.T.: -0.045 min
Response: 56380
Conc: 56.76 ng/ml



#10 AR-1221-3

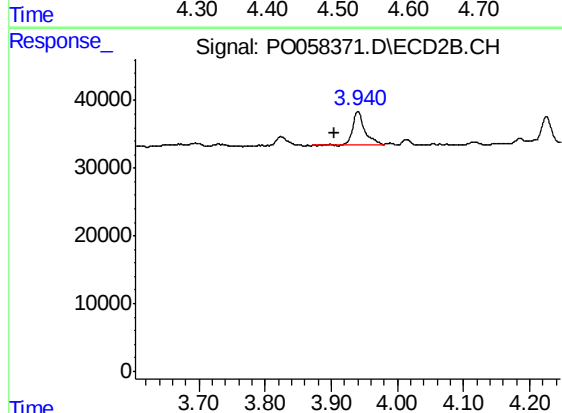
R.T.: 3.940 min
Delta R.T.: 0.034 min
Response: 62380
Conc: 73.64 ng/ml



#11 AR-1232-1

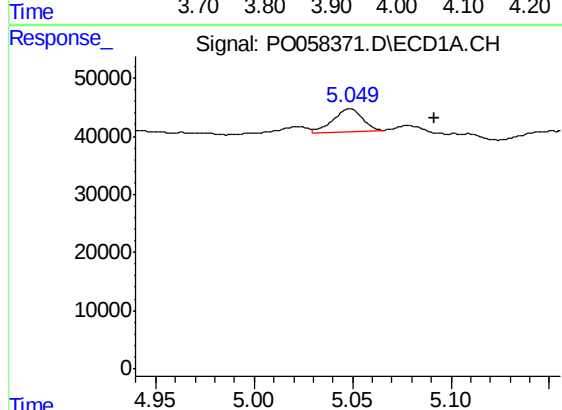
R.T.: 4.527 min
Delta R.T.: -0.045 min
Response: 56380
Conc: 68.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



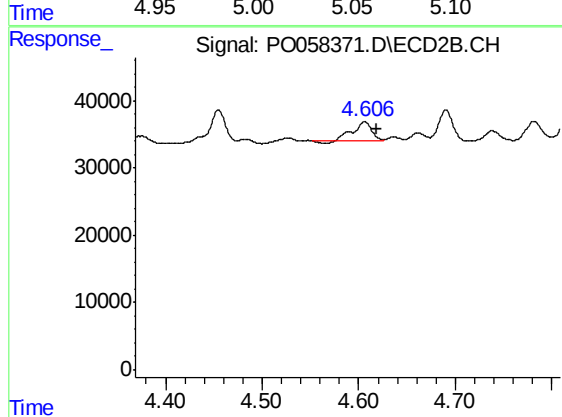
#11 AR-1232-1

R.T.: 3.940 min
Delta R.T.: 0.035 min
Response: 62380
Conc: 88.49 ng/ml



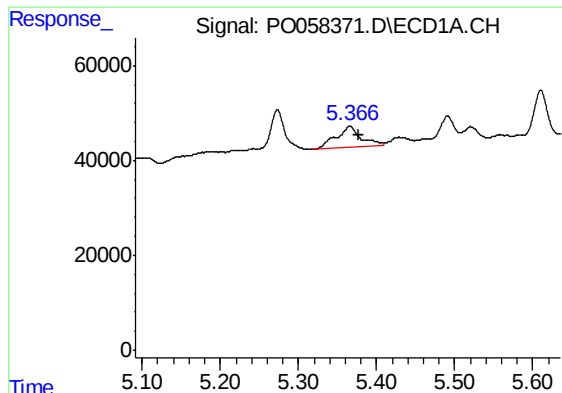
#12 AR-1232-2

R.T.: 5.049 min
Delta R.T.: -0.043 min
Response: 39519
Conc: 85.45 ng/ml



#12 AR-1232-2

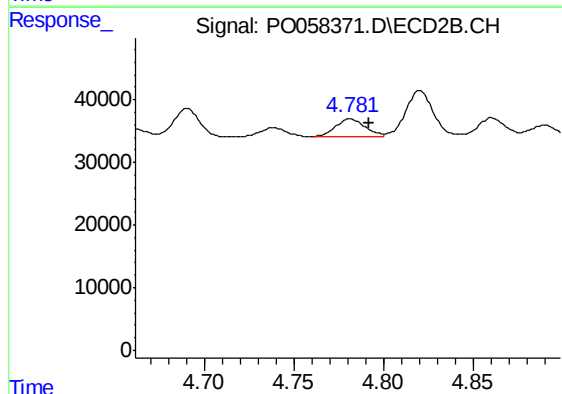
R.T.: 4.606 min
Delta R.T.: -0.012 min
Response: 39333
Conc: 49.83 ng/ml



#13 AR-1232-3

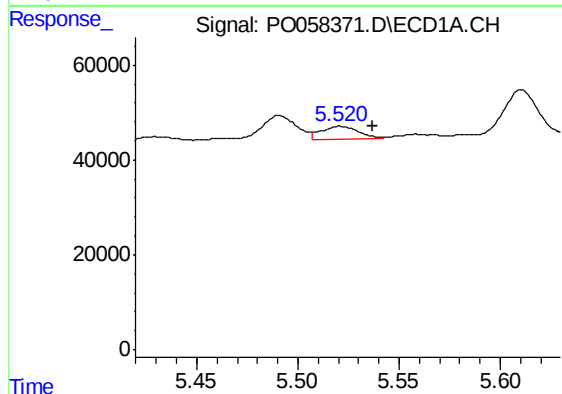
R.T.: 5.366 min
Delta R.T.: -0.011 min
Response: 97122
Conc: 97.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



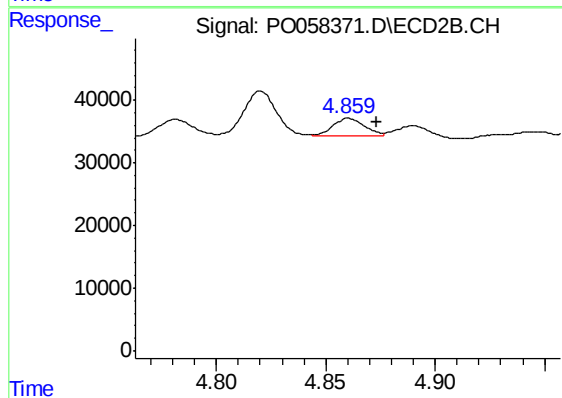
#13 AR-1232-3

R.T.: 4.781 min
Delta R.T.: -0.010 min
Response: 31886
Conc: 77.48 ng/ml



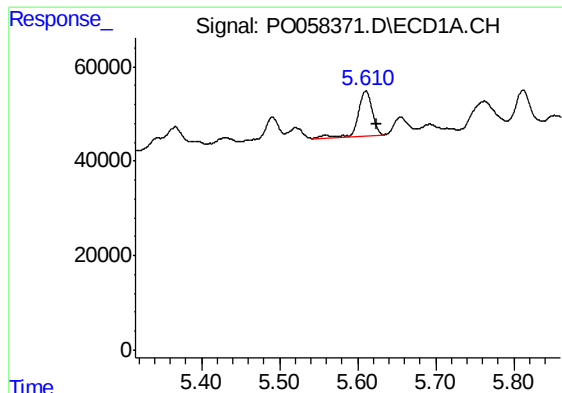
#14 AR-1232-4

R.T.: 5.521 min
Delta R.T.: -0.017 min
Response: 33830
Conc: 67.84 ng/ml



#14 AR-1232-4

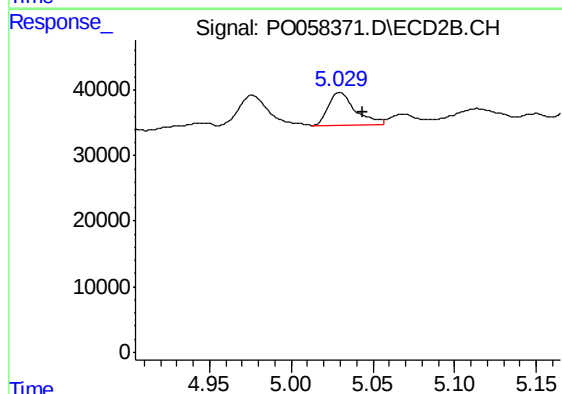
R.T.: 4.860 min
Delta R.T.: -0.013 min
Response: 28253
Conc: 76.98 ng/ml



#15 AR-1232-5

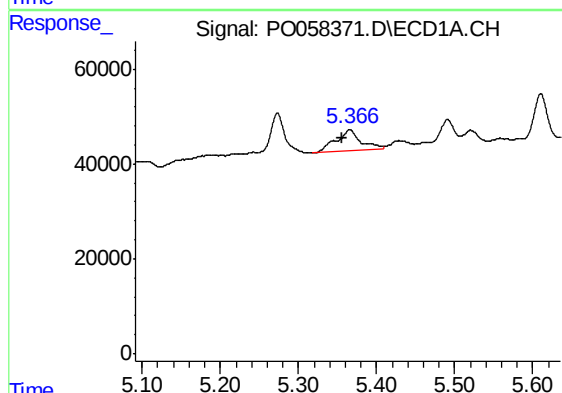
R.T.: 5.611 min
Delta R.T.: -0.014 min
Response: 117826
Conc: 312.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



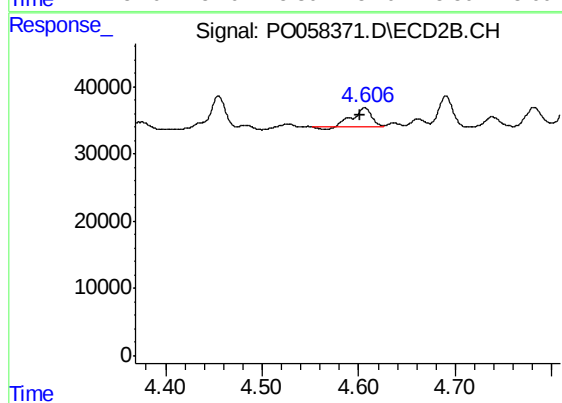
#15 AR-1232-5

R.T.: 5.030 min
Delta R.T.: -0.014 min
Response: 56311
Conc: 136.04 ng/ml



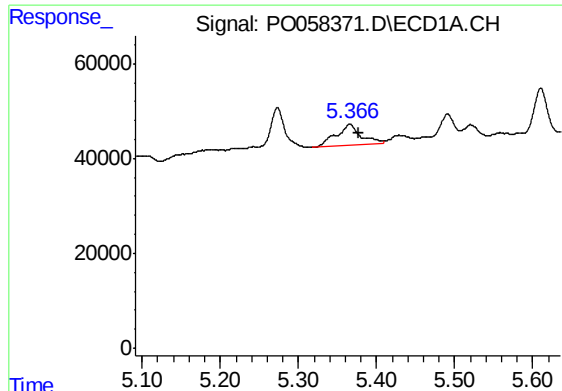
#16 AR-1242-1

R.T.: 5.366 min
Delta R.T.: 0.010 min
Response: 97122
Conc: 79.30 ng/ml



#16 AR-1242-1

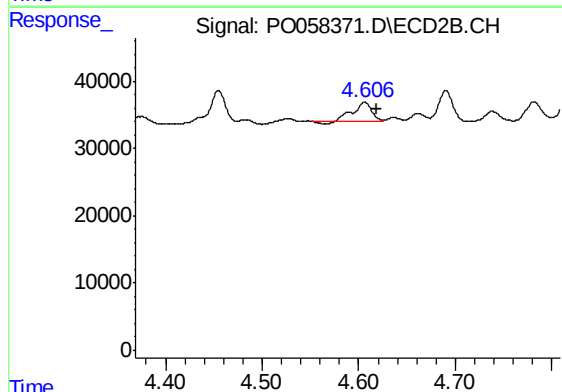
R.T.: 4.606 min
Delta R.T.: 0.005 min
Response: 39333
Conc: 41.27 ng/ml



#17 AR-1242-2

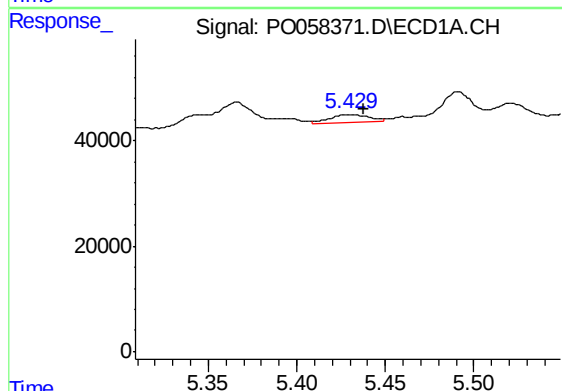
R.T.: 5.366 min
Delta R.T.: -0.011 min
Response: 97122
Conc: 52.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



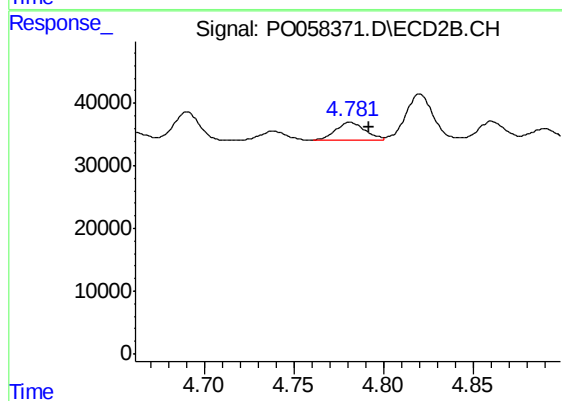
#17 AR-1242-2

R.T.: 4.606 min
Delta R.T.: -0.012 min
Response: 39333
Conc: 28.19 ng/ml



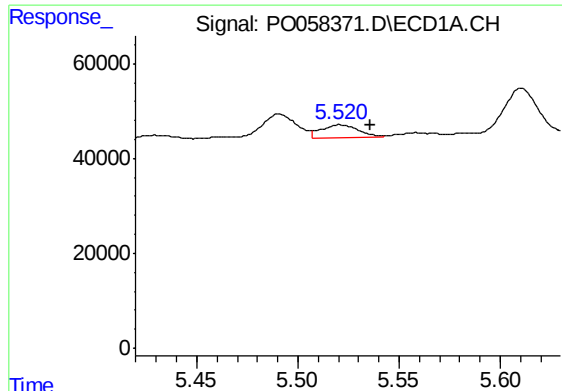
#18 AR-1242-3

R.T.: 5.430 min
Delta R.T.: -0.008 min
Response: 22672
Conc: 19.53 ng/ml



#18 AR-1242-3

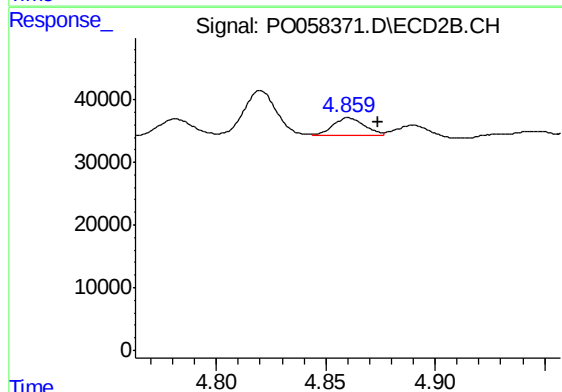
R.T.: 4.781 min
Delta R.T.: -0.010 min
Response: 31886
Conc: 41.59 ng/ml



#19 AR-1242-4

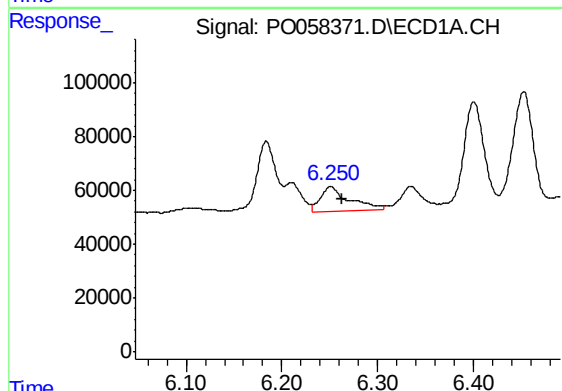
R.T.: 5.521 min
Delta R.T.: -0.016 min
Response: 33830
Conc: 35.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



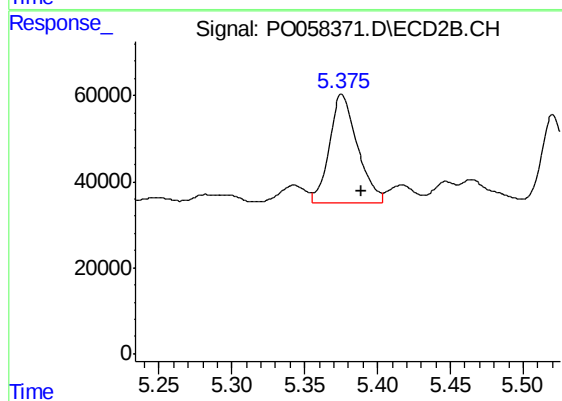
#19 AR-1242-4

R.T.: 4.860 min
Delta R.T.: -0.014 min
Response: 28253
Conc: 37.22 ng/ml



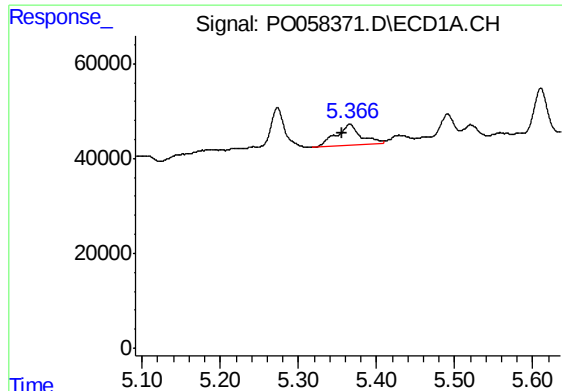
#20 AR-1242-5

R.T.: 6.251 min
Delta R.T.: -0.012 min
Response: 194278
Conc: 167.77 ng/ml



#20 AR-1242-5

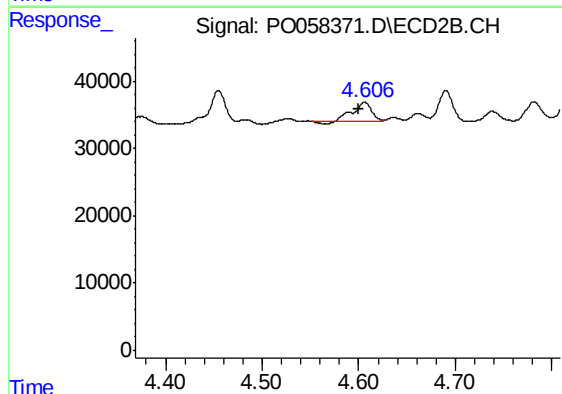
R.T.: 5.376 min
Delta R.T.: -0.013 min
Response: 339398
Conc: 356.19 ng/ml



#21 AR-1248-1

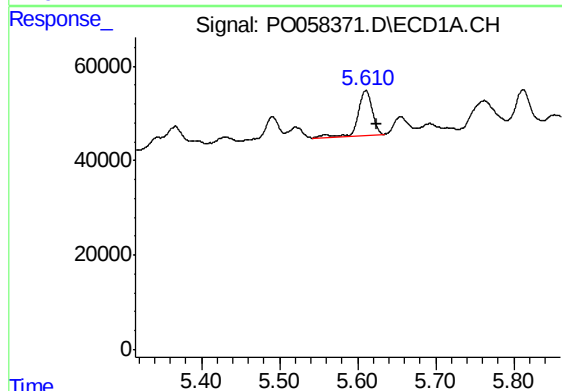
R.T.: 5.366 min
Delta R.T.: 0.010 min
Response: 97122
Conc: 103.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



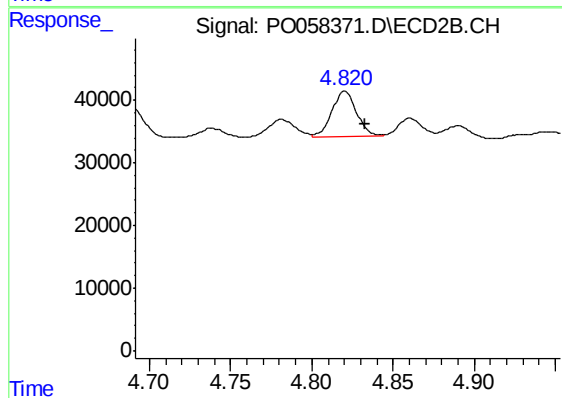
#21 AR-1248-1

R.T.: 4.606 min
Delta R.T.: 0.006 min
Response: 39333
Conc: 53.56 ng/ml



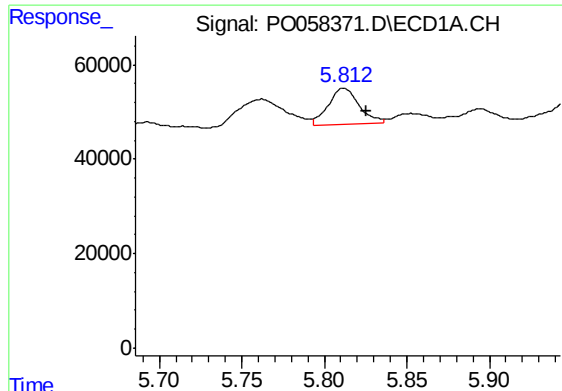
#22 AR-1248-2

R.T.: 5.611 min
Delta R.T.: -0.014 min
Response: 117826
Conc: 87.44 ng/ml



#22 AR-1248-2

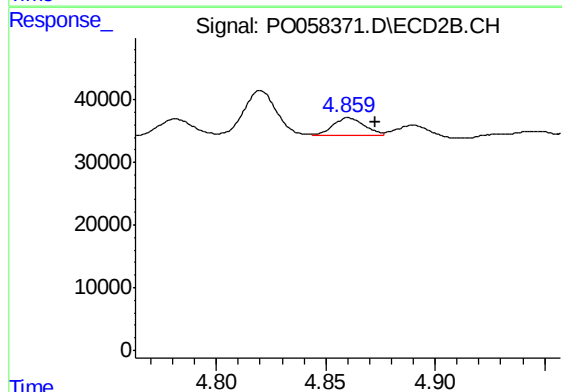
R.T.: 4.820 min
Delta R.T.: -0.012 min
Response: 76396
Conc: 74.97 ng/ml



#23 AR-1248-3

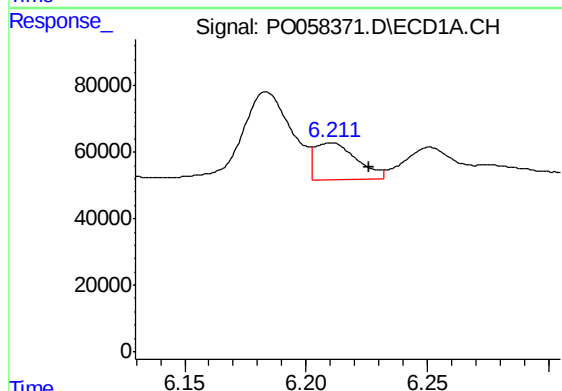
R.T.: 5.812 min
Delta R.T.: -0.013 min
Response: 98427
Conc: 63.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



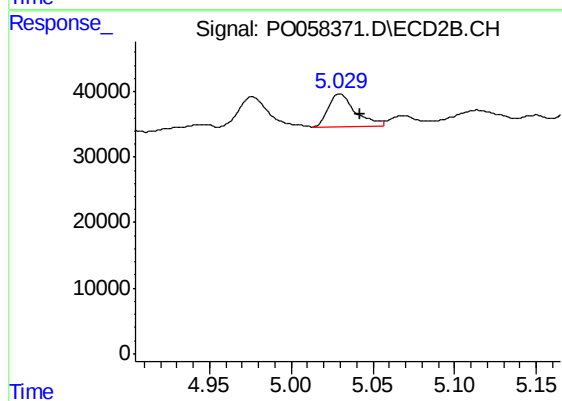
#23 AR-1248-3

R.T.: 4.860 min
Delta R.T.: -0.013 min
Response: 28253
Conc: 26.88 ng/ml



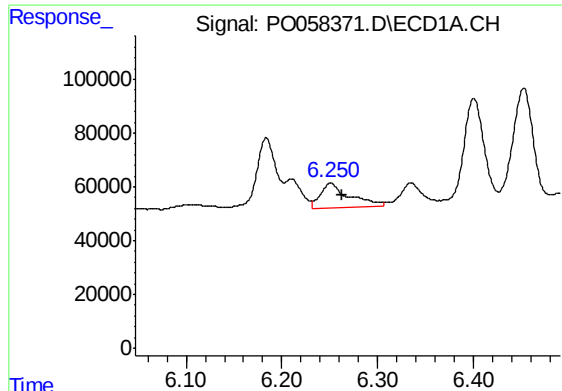
#24 AR-1248-4

R.T.: 6.210 min
Delta R.T.: -0.015 min
Response: 134303
Conc: 68.60 ng/ml



#24 AR-1248-4

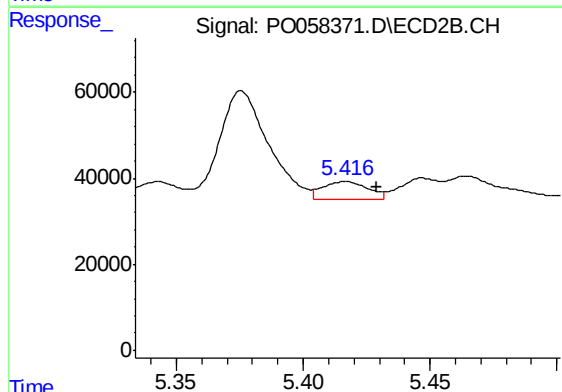
R.T.: 5.030 min
Delta R.T.: -0.012 min
Response: 56311
Conc: 43.73 ng/ml



#25 AR-1248-5

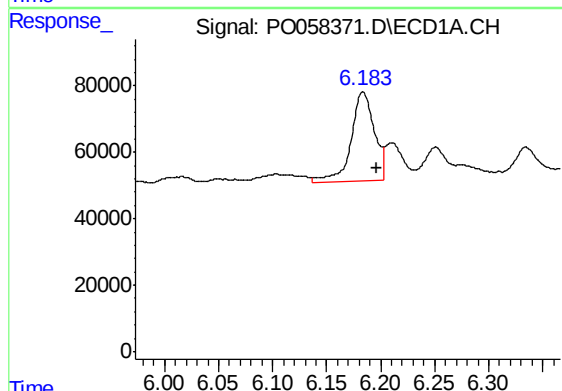
R.T.: 6.251 min
Delta R.T.: -0.012 min
Response: 194278
Conc: 101.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



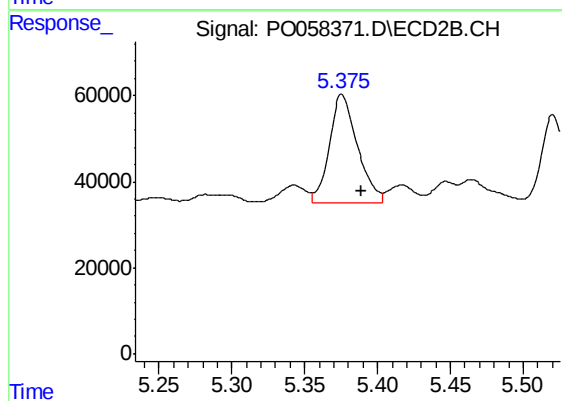
#25 AR-1248-5

R.T.: 5.417 min
Delta R.T.: -0.012 min
Response: 53292
Conc: 42.16 ng/ml



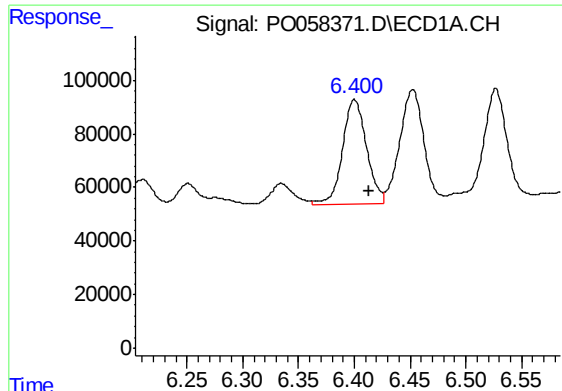
#26 AR-1254-1

R.T.: 6.184 min
Delta R.T.: -0.013 min
Response: 401193
Conc: 204.15 ng/ml



#26 AR-1254-1

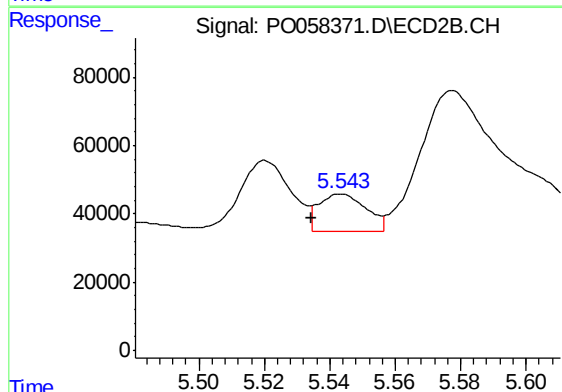
R.T.: 5.376 min
Delta R.T.: -0.013 min
Response: 339398
Conc: 166.58 ng/ml



#27 AR-1254-2

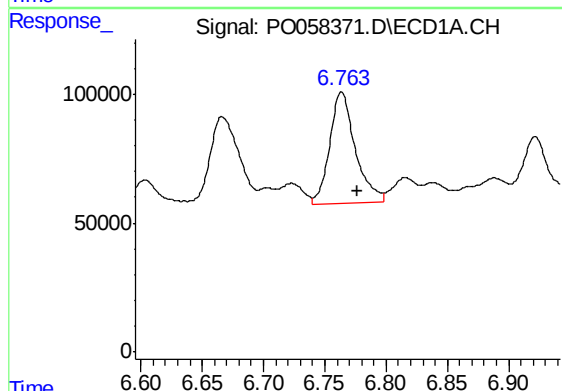
R.T.: 6.400 min
Delta R.T.: -0.012 min
Response: 590321
Conc: 180.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



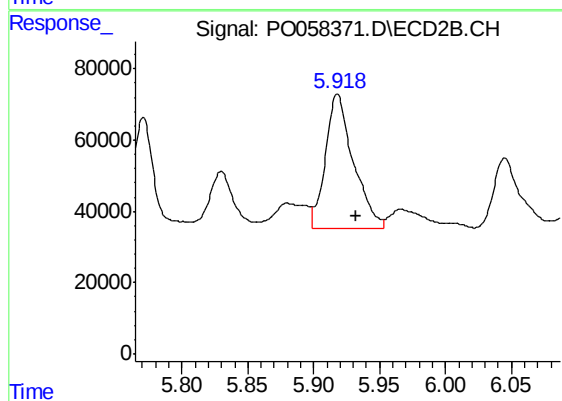
#27 AR-1254-2

R.T.: 5.544 min
Delta R.T.: 0.009 min
Response: 109310
Conc: 60.32 ng/ml



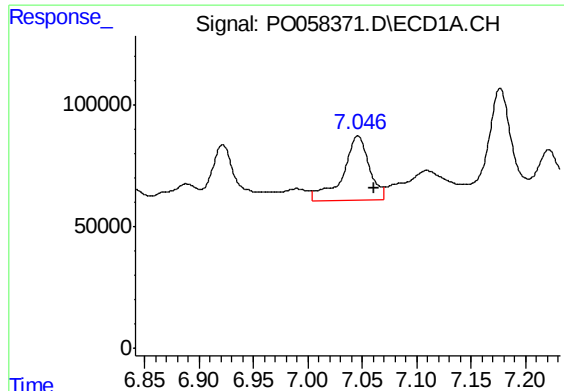
#28 AR-1254-3

R.T.: 6.764 min
Delta R.T.: -0.013 min
Response: 629824
Conc: 178.53 ng/ml



#28 AR-1254-3

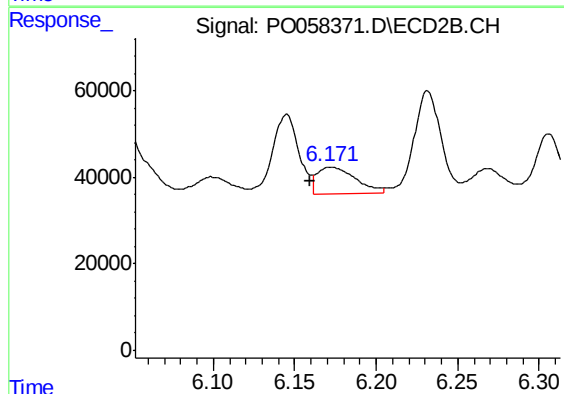
R.T.: 5.918 min
Delta R.T.: -0.014 min
Response: 557393
Conc: 190.34 ng/ml



#29 AR-1254-4

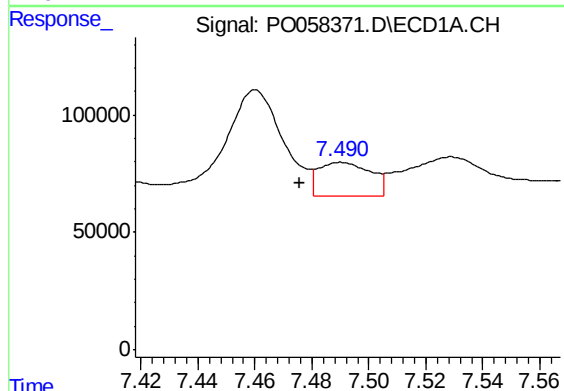
R.T.: 7.046 min
Delta R.T.: -0.015 min
Response: 452874
Conc: 153.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



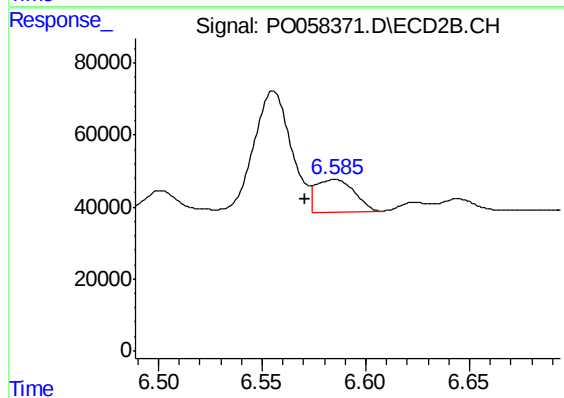
#29 AR-1254-4

R.T.: 6.172 min
Delta R.T.: 0.013 min
Response: 103229
Conc: 55.87 ng/ml



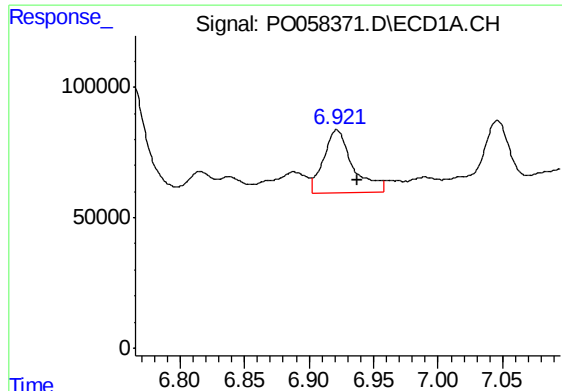
#30 AR-1254-5

R.T.: 7.490 min
Delta R.T.: 0.015 min
Response: 183389
Conc: 62.48 ng/ml



#30 AR-1254-5

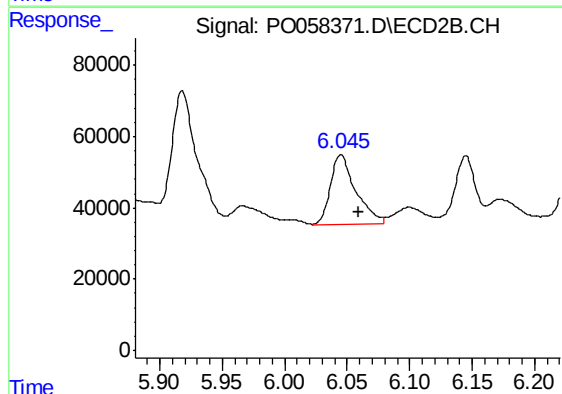
R.T.: 6.585 min
Delta R.T.: 0.014 min
Response: 119060
Conc: 43.80 ng/ml



#31 AR-1260-1

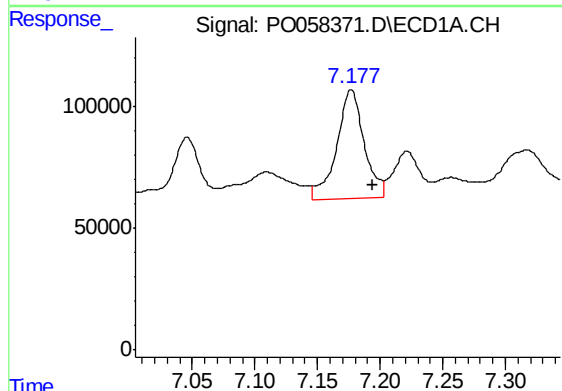
R.T.: 6.922 min
Delta R.T.: -0.016 min
Response: 384683
Conc: 153.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



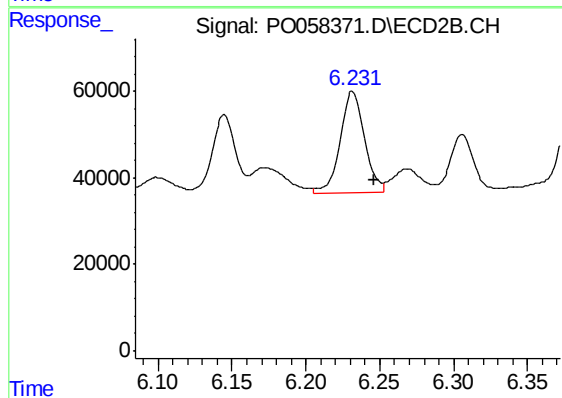
#31 AR-1260-1

R.T.: 6.045 min
Delta R.T.: -0.015 min
Response: 271231
Conc: 133.93 ng/ml



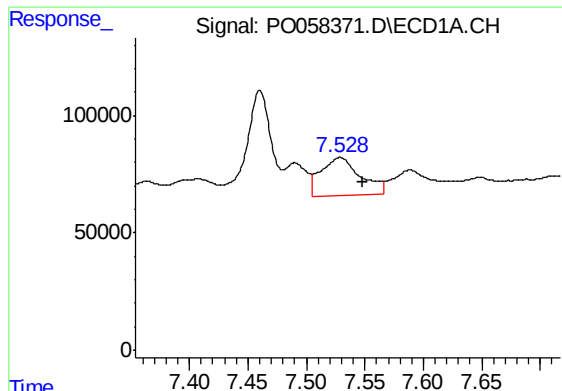
#32 AR-1260-2

R.T.: 7.177 min
Delta R.T.: -0.017 min
Response: 683840
Conc: 194.50 ng/ml



#32 AR-1260-2

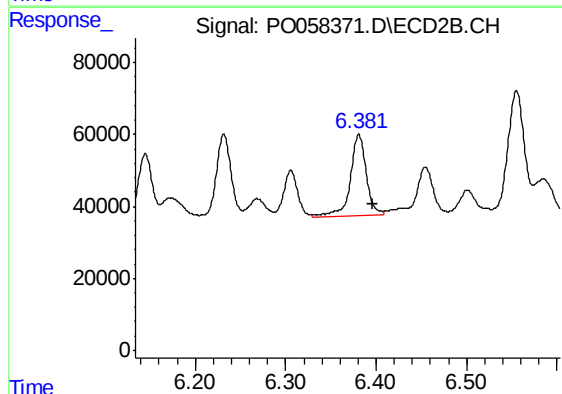
R.T.: 6.232 min
Delta R.T.: -0.015 min
Response: 272931
Conc: 106.13 ng/ml



#33 AR-1260-3

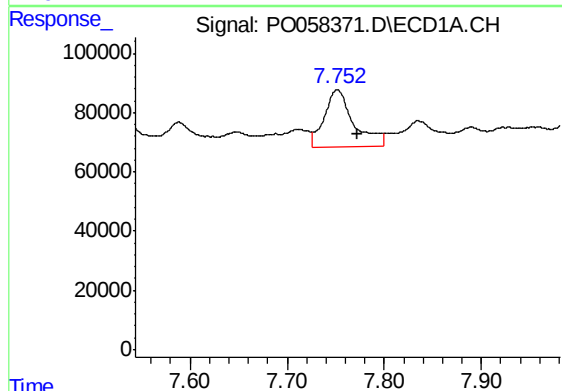
R.T.: 7.529 min
Delta R.T.: -0.019 min
Response: 380243
Conc: 129.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



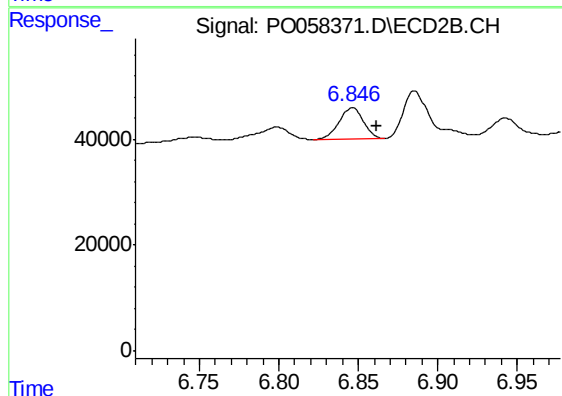
#33 AR-1260-3

R.T.: 6.381 min
Delta R.T.: -0.016 min
Response: 278923
Conc: 122.30 ng/ml



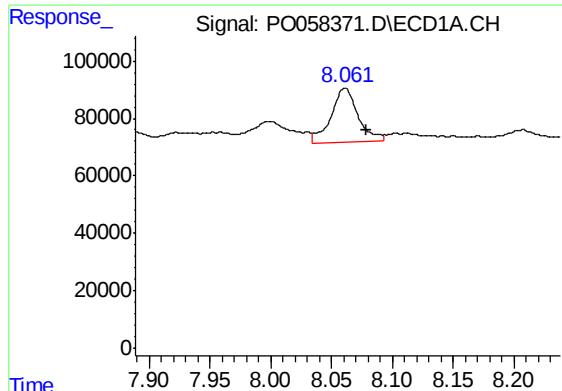
#34 AR-1260-4

R.T.: 7.752 min
Delta R.T.: -0.021 min
Response: 407802
Conc: 149.28 ng/ml



#34 AR-1260-4

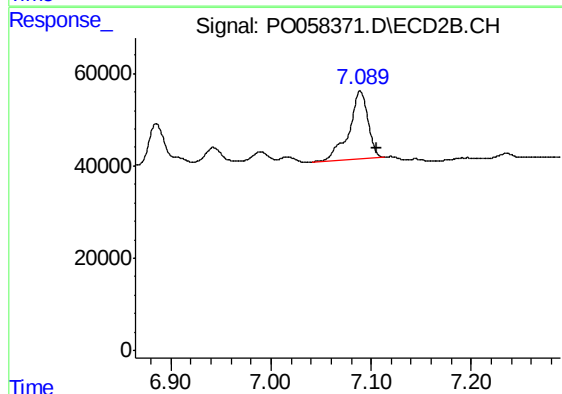
R.T.: 6.846 min
Delta R.T.: -0.016 min
Response: 62031
Conc: 32.04 ng/ml



#35 AR-1260-5

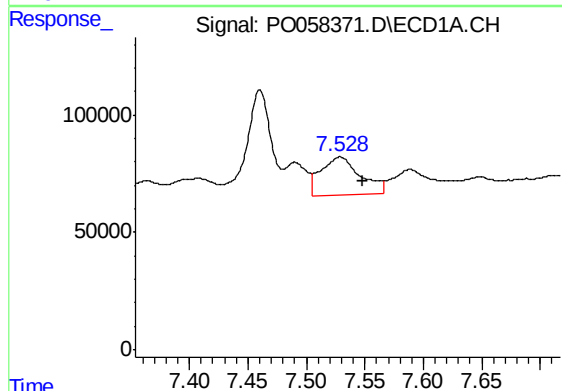
R.T.: 8.061 min
Delta R.T.: -0.018 min
Response: 294418
Conc: 50.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



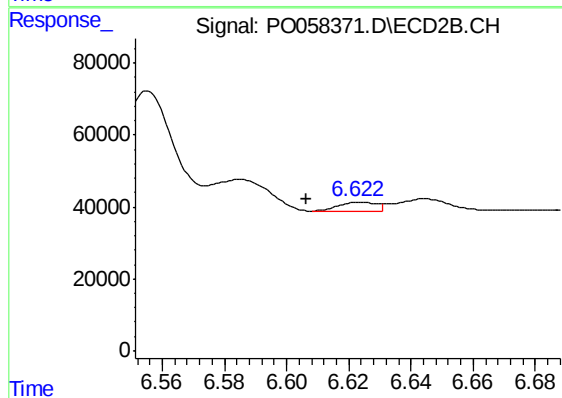
#35 AR-1260-5

R.T.: 7.089 min
Delta R.T.: -0.016 min
Response: 197189
Conc: 42.84 ng/ml



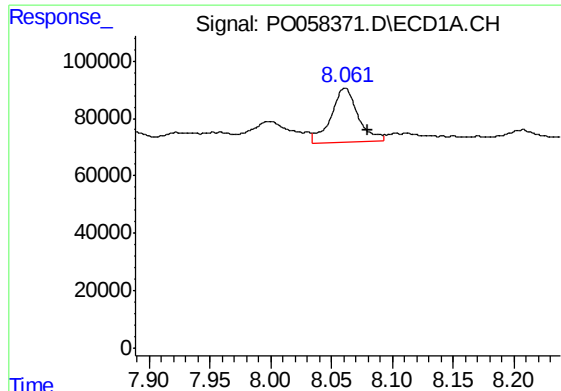
#36 AR-1262-1

R.T.: 7.529 min
Delta R.T.: -0.019 min
Response: 380243
Conc: 68.82 ng/ml



#36 AR-1262-1

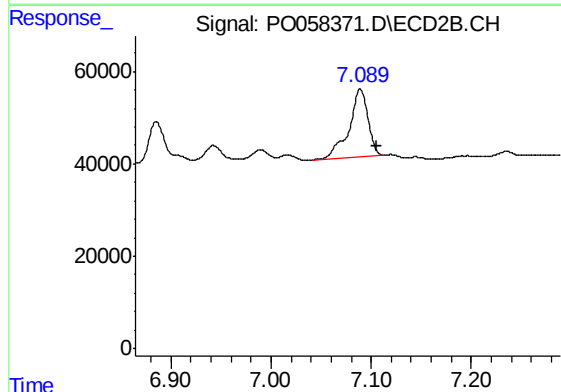
R.T.: 6.623 min
Delta R.T.: 0.017 min
Response: 22040
Conc: 5.55 ng/ml



#37 AR-1262-2

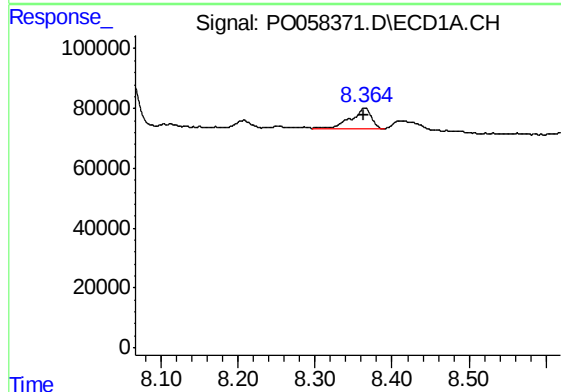
R.T.: 8.061 min
Delta R.T.: -0.018 min
Response: 294418
Conc: 34.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



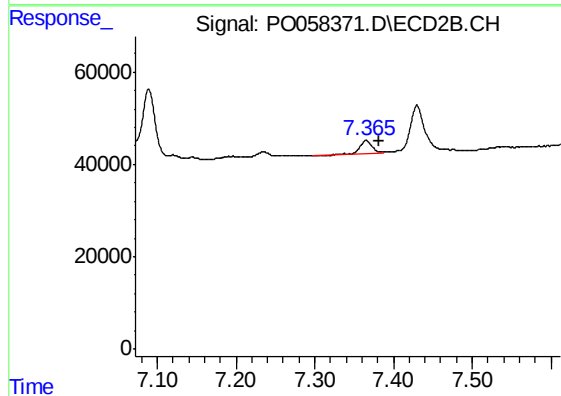
#37 AR-1262-2

R.T.: 7.089 min
Delta R.T.: -0.016 min
Response: 197189
Conc: 30.53 ng/ml



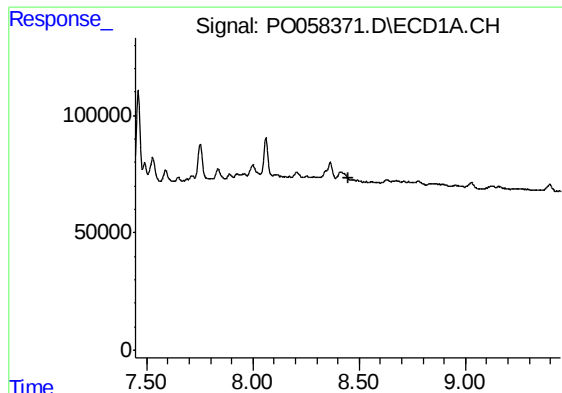
#38 AR-1262-3

R.T.: 8.364 min
Delta R.T.: 0.001 min
Response: 124711
Conc: 22.15 ng/ml



#38 AR-1262-3

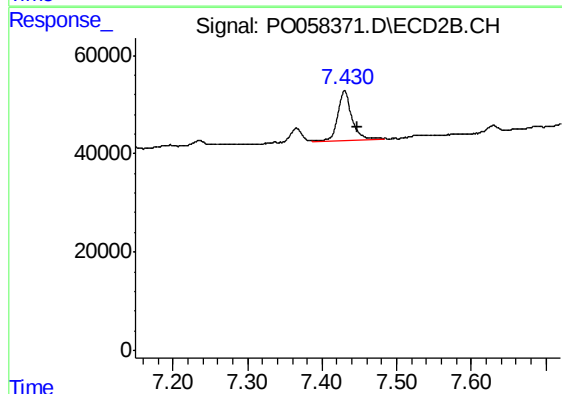
R.T.: 7.366 min
Delta R.T.: -0.016 min
Response: 30017
Conc: 10.89 ng/ml



#39 AR-1262-4

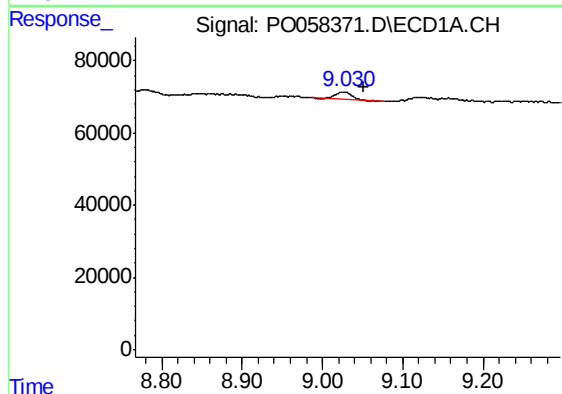
R.T.: 0.000 min
Exp R.T.: 8.447 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



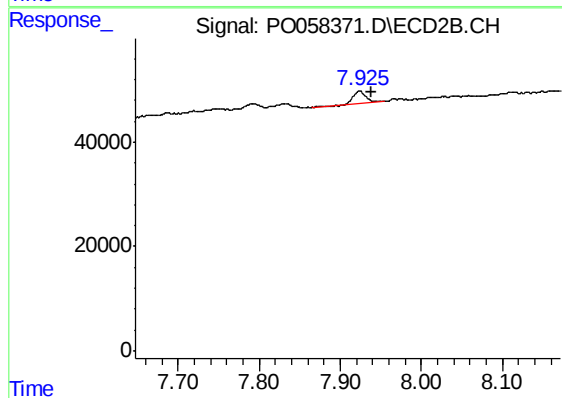
#39 AR-1262-4

R.T.: 7.430 min
Delta R.T.: -0.017 min
Response: 130342
Conc: 27.30 ng/ml



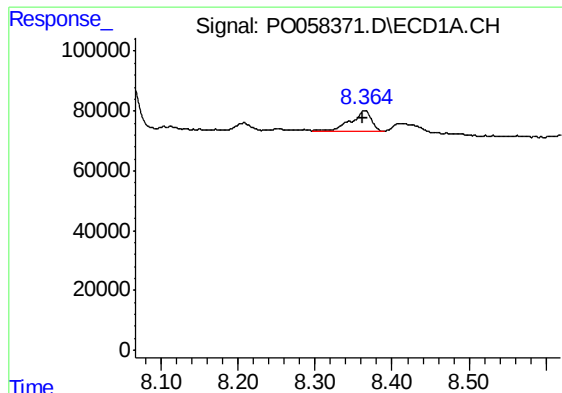
#40 AR-1262-5

R.T.: 9.029 min
Delta R.T.: -0.023 min
Response: 31891
Conc: 11.48 ng/ml



#40 AR-1262-5

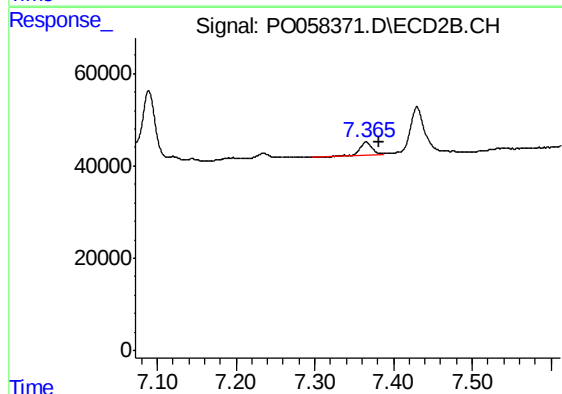
R.T.: 7.924 min
Delta R.T.: -0.015 min
Response: 29609
Conc: 14.89 ng/ml



#41 AR-1268-1

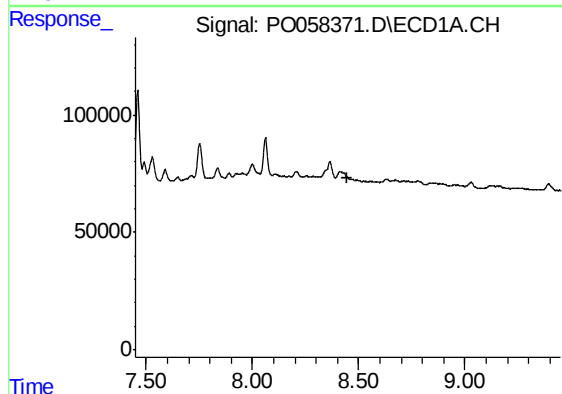
R.T.: 8.364 min
Delta R.T.: 0.003 min
Response: 124711
Conc: 12.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



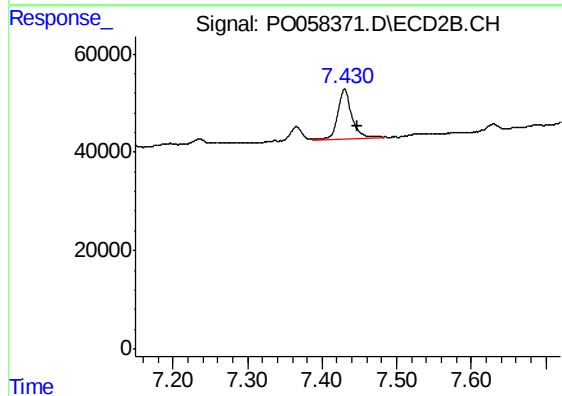
#41 AR-1268-1

R.T.: 7.366 min
Delta R.T.: -0.016 min
Response: 30017
Conc: 3.84 ng/ml



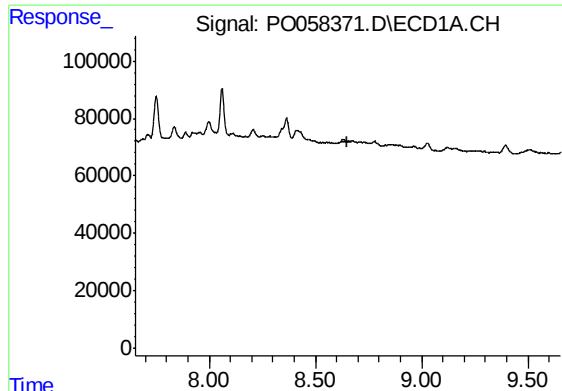
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.449 min
Response: 0
Conc: N.D.



#42 AR-1268-2

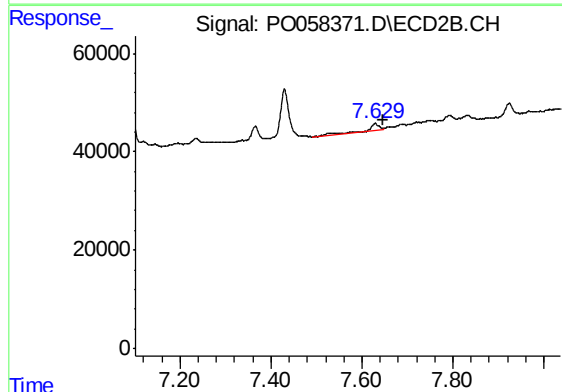
R.T.: 7.430 min
Delta R.T.: -0.017 min
Response: 130342
Conc: 18.29 ng/ml



#43 AR-1268-3

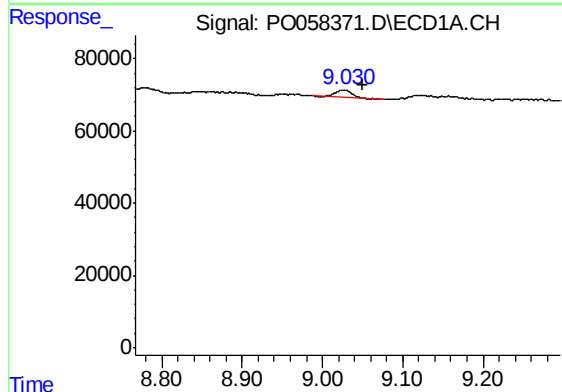
R.T.: 0.000 min
Exp R.T.: 8.653 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



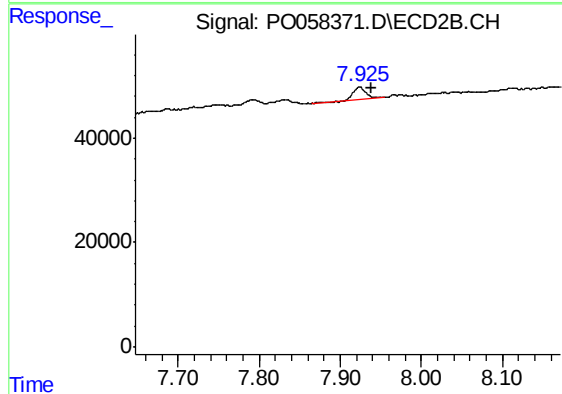
#43 AR-1268-3

R.T.: 7.629 min
Delta R.T.: -0.016 min
Response: 17332
Conc: 2.88 ng/ml



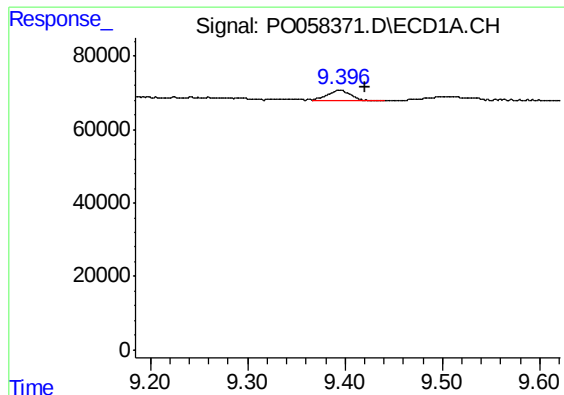
#44 AR-1268-4

R.T.: 9.029 min
Delta R.T.: -0.021 min
Response: 31891
Conc: 10.76 ng/ml



#44 AR-1268-4

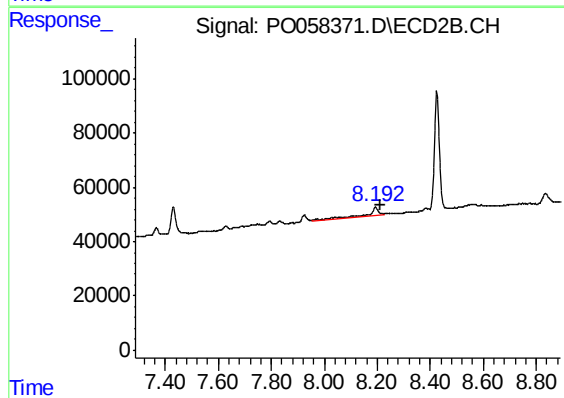
R.T.: 7.924 min
Delta R.T.: -0.015 min
Response: 29609
Conc: 14.15 ng/ml



#45 AR-1268-5

R.T.: 9.396 min
Delta R.T.: -0.024 min
Response: 44729
Conc: 2.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC-7(3)



#45 AR-1268-5

R.T.: 8.193 min
Delta R.T.: -0.017 min
Response: 63072
Conc: 3.78 ng/ml