

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051121\
 Data File : P0077680.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 May 2021 14:40
 Operator : DD\AJ
 Sample : M2262-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 22:54:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 11 15:14:32 2021
 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...	4.368	3.646	1300657	325955	18.736	19.386
2)	SA Decachlor...	9.995	8.850	1030045	382243	19.604	21.674
Target Compounds							
3)	L1 AR-1016-1	5.665	4.880	66321	20591	26.141	30.744
4)	L1 AR-1016-2	5.687	4.899	89173	24361	24.795	27.383
5)	L1 AR-1016-3	5.752	5.086	62914	11749	28.583	24.794
6)	L1 AR-1016-4	5.855	5.141	54893	10156	30.426	25.830
7)	L1 AR-1016-5	6.167	5.364	48919	11645	28.242	23.272
8)	L2 AR-1221-1	4.614	0.000	41756	0	54.677	N.D. #
9)	L2 AR-1221-2	4.711	3.990	28042	8815	48.442	54.967
10)	L2 AR-1221-3	4.799	4.084	77259	11173	41.322	22.523 #
11)	L3 AR-1232-1	4.799	4.084	77259	11173	53.822	29.595 #
12)	L3 AR-1232-2	5.372	4.899	89938	24361	123.958	71.356 #
13)	L3 AR-1232-3	5.687	5.086	89173	11749	64.504	64.248
14)	L3 AR-1232-4	5.855	5.182	54893	12569	80.101	75.864
15)	L3 AR-1232-5	5.958	5.364	35081	11645	75.882	64.292
16)	L4 AR-1242-1	5.665	4.880	66321	20591	35.809	42.377
17)	L4 AR-1242-2	5.687	4.899	89173	24361	34.109	37.907
18)	L4 AR-1242-3	5.752	5.086	62914	11749	39.283	34.114
19)	L4 AR-1242-4	5.855	5.182	54893	12569	42.008	36.405
20)	L4 AR-1242-5	6.622	5.739	23908	10401	17.179	23.415 #
21)	L5 AR-1248-1	5.665	4.880	66321	20591	47.101	56.815
22)	L5 AR-1248-2	5.958	5.141	35081	10156	19.232	19.834
23)	L5 AR-1248-3	6.167	5.182	48919	12569	22.258	24.549
24)	L5 AR-1248-4	0.000	5.364	0	11645	N.D.	18.733 #
25)	L5 AR-1248-5	6.622	0.000	23908	0	10.046	N.D. #
26)	L6 AR-1254-1	6.559	5.739	46574	10401	18.613	11.043 #
27)	L6 AR-1254-2	6.786	5.898	36126	9289	9.262	10.903
28)	L6 AR-1254-3	7.164	6.309	24896	4867	6.063	3.734 #
29)	L6 AR-1254-4	7.450	0.000	16833	0	5.422	N.D. #
30)	L6 AR-1254-5	7.877	6.972	117952	35528	34.894	28.594
31)	L7 AR-1260-1	7.328	6.445	78048	26537	23.297	26.937
32)	L7 AR-1260-2	7.592	6.642	94271	31974	23.421	26.562
33)	L7 AR-1260-3	7.952	6.793	64765	29348	26.052	26.456
34)	L7 AR-1260-4	8.178	7.273	63584	22156	21.182	27.274 #
35)	L7 AR-1260-5	8.491	7.520	123504	52606	21.495	27.136 #
36)	L8 AR-1262-1	7.952	6.972	64765	35528	16.887	54.986 #
37)	L8 AR-1262-2	8.491	7.520	123504	52606	17.941	23.772 #
38)	L8 AR-1262-3	8.780f	7.803	76935	8272	17.252	9.245 #
39)	L8 AR-1262-4	8.827	7.864	46185	38234	14.156	22.924 #
40)	L8 AR-1262-5	9.395	8.361	25001	11794	10.774	14.646 #
41)	L9 AR-1268-1	8.780f	7.803	76935	8272	10.277	3.371 #

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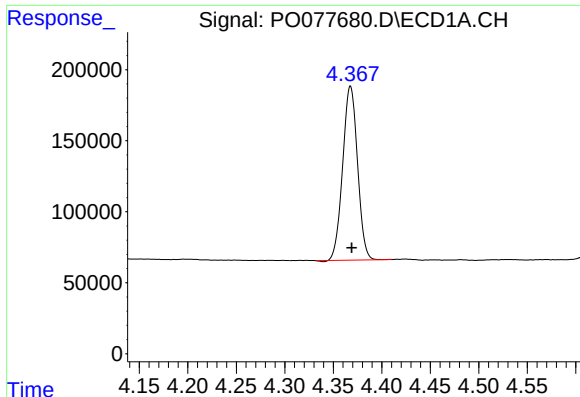
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 22:54:05 2021
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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	8.827f	7.864	46185	38234	6.876	17.297 #
44) L9	AR-1268-4	9.395	8.361	25001	11794	10.279	13.824 #
45) L9	AR-1268-5	9.735	8.630	22265	8139	1.188	1.347

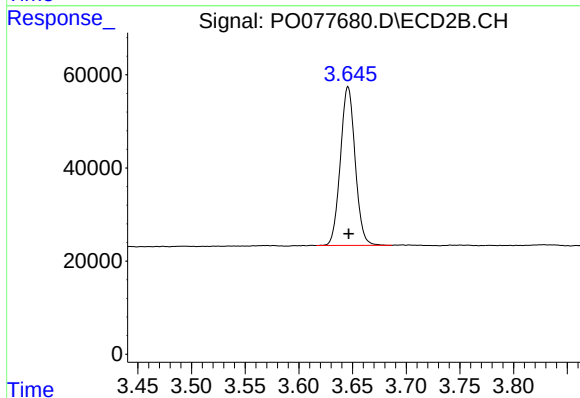
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

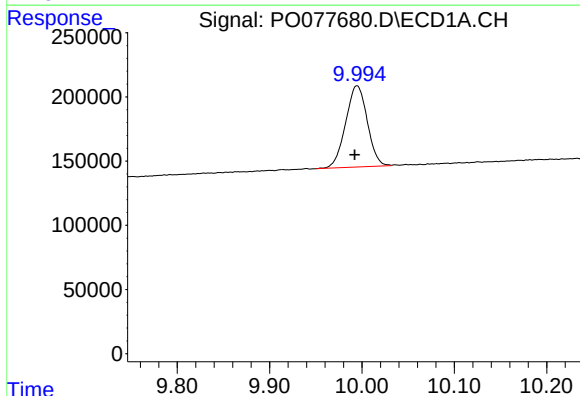
R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 1300657
Conc: 18.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



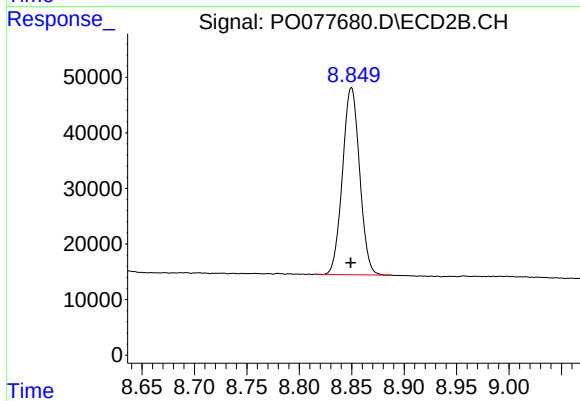
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 325955
Conc: 19.39 ng/ml



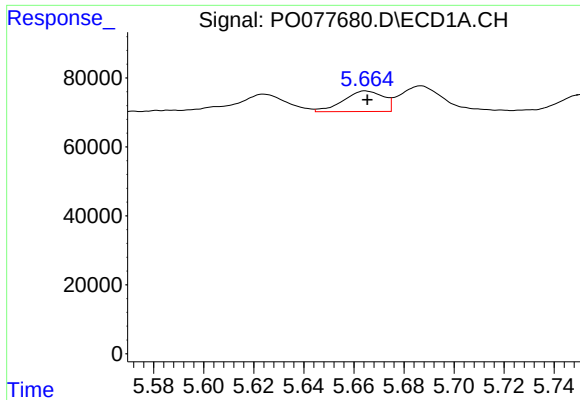
#2 Decachlorobiphenyl

R.T.: 9.995 min
Delta R.T.: 0.003 min
Response: 1030045
Conc: 19.60 ng/ml



#2 Decachlorobiphenyl

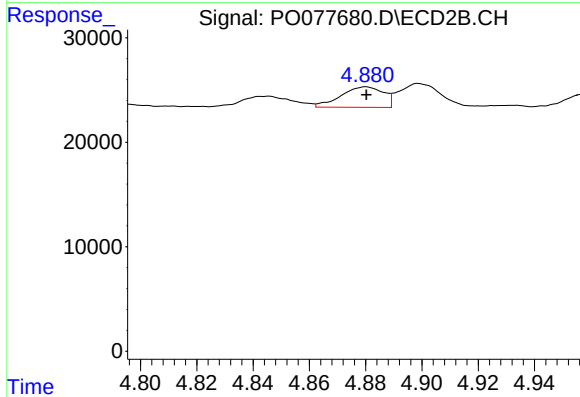
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 382243
Conc: 21.67 ng/ml



#3 AR-1016-1

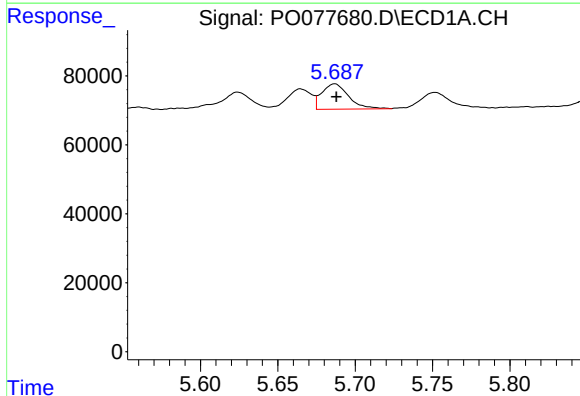
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 66321
Conc: 26.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



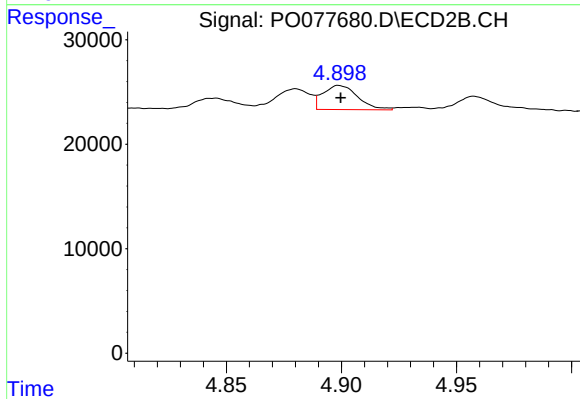
#3 AR-1016-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 20591
Conc: 30.74 ng/ml



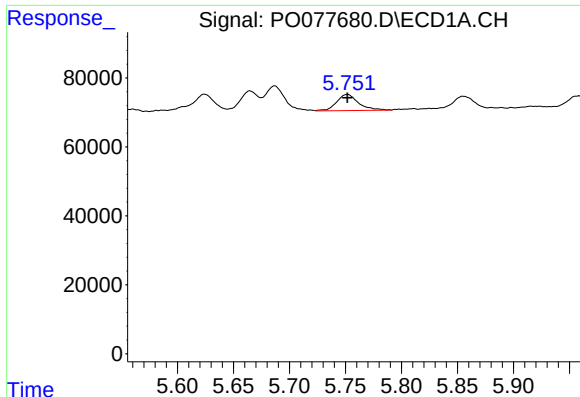
#4 AR-1016-2

R.T.: 5.687 min
Delta R.T.: -0.001 min
Response: 89173
Conc: 24.79 ng/ml



#4 AR-1016-2

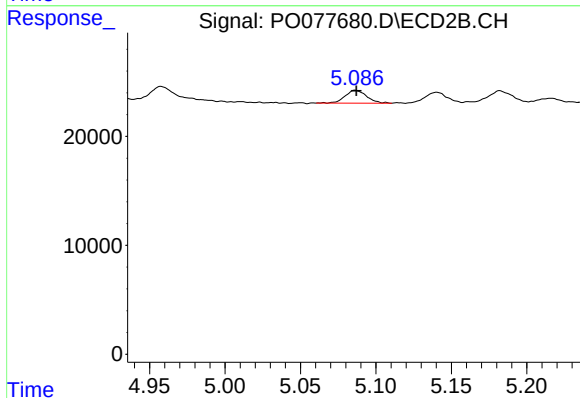
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 24361
Conc: 27.38 ng/ml



#5 AR-1016-3

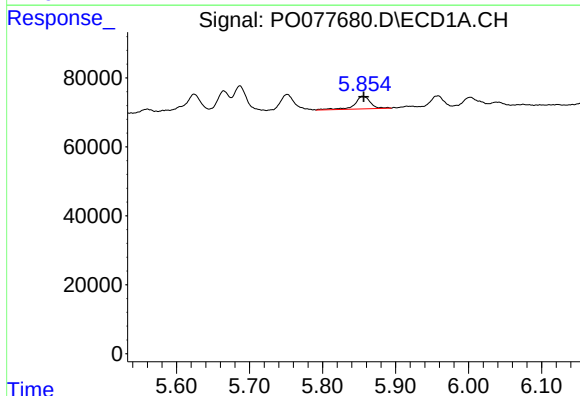
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 62914
Conc: 28.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



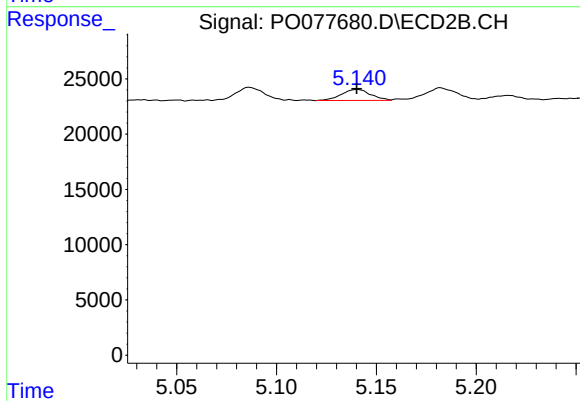
#5 AR-1016-3

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 11749
Conc: 24.79 ng/ml



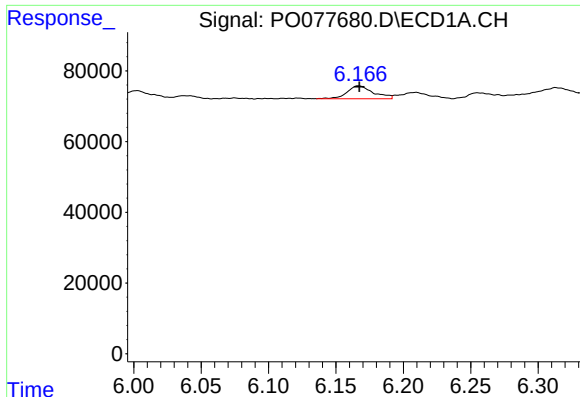
#6 AR-1016-4

R.T.: 5.855 min
Delta R.T.: -0.001 min
Response: 54893
Conc: 30.43 ng/ml



#6 AR-1016-4

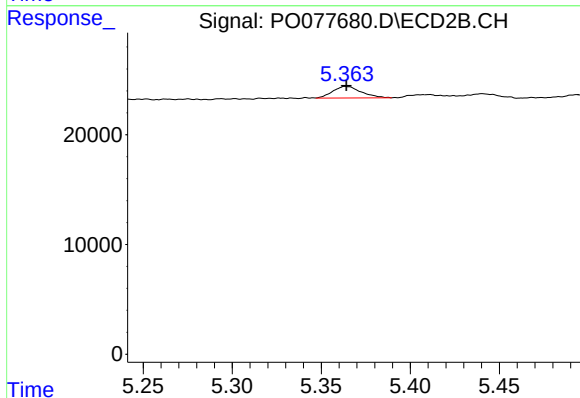
R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 10156
Conc: 25.83 ng/ml



#7 AR-1016-5

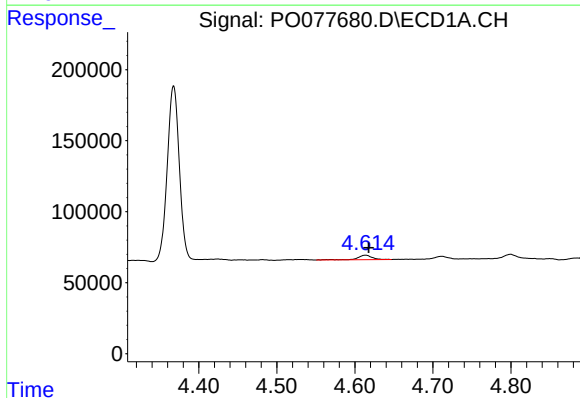
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 48919
Conc: 28.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



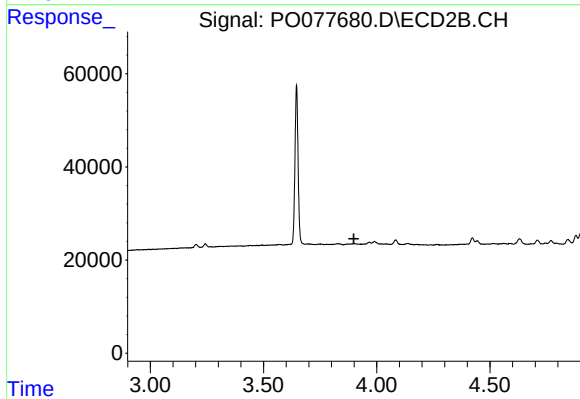
#7 AR-1016-5

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 11645
Conc: 23.27 ng/ml



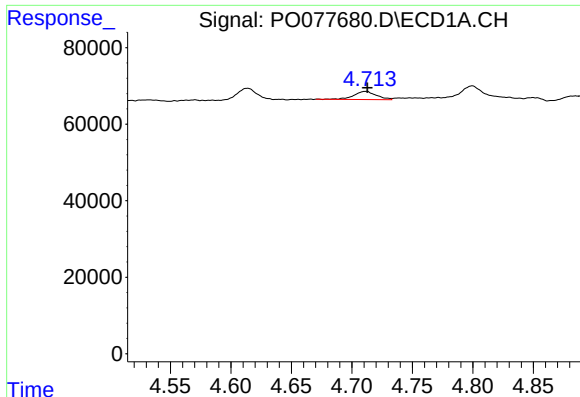
#8 AR-1221-1

R.T.: 4.614 min
Delta R.T.: -0.004 min
Response: 41756
Conc: 54.68 ng/ml



#8 AR-1221-1

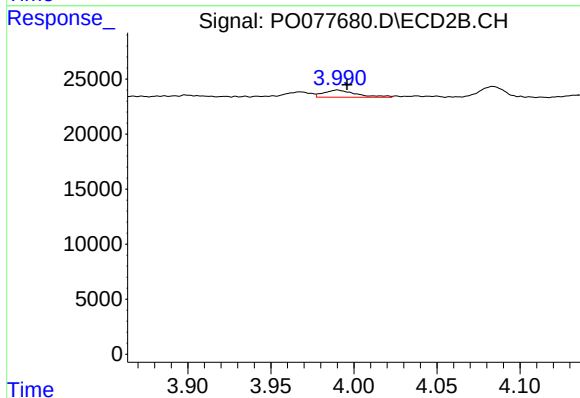
R.T.: 0.000 min
Exp R.T.: 3.899 min
Response: 0
Conc: N.D.



#9 AR-1221-2

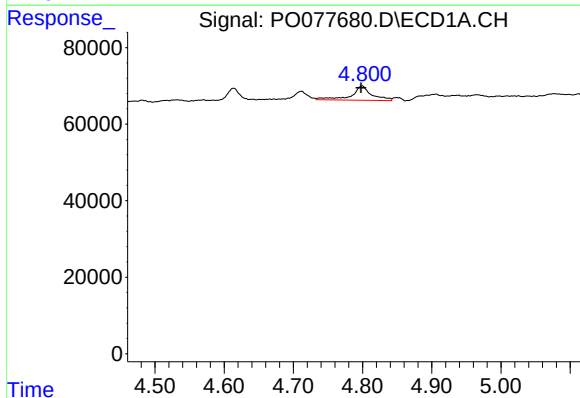
R.T.: 4.711 min
Delta R.T.: -0.001 min
Response: 28042
Conc: 48.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



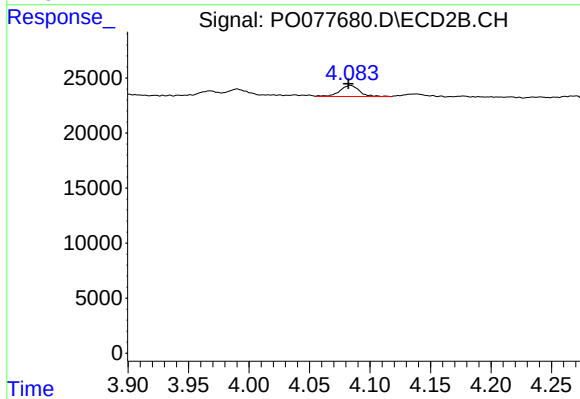
#9 AR-1221-2

R.T.: 3.990 min
Delta R.T.: -0.006 min
Response: 8815
Conc: 54.97 ng/ml



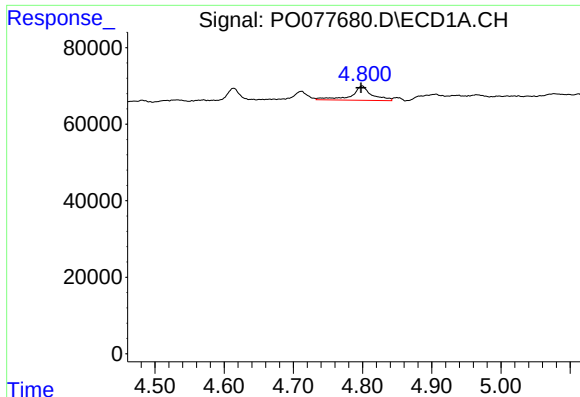
#10 AR-1221-3

R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 77259
Conc: 41.32 ng/ml



#10 AR-1221-3

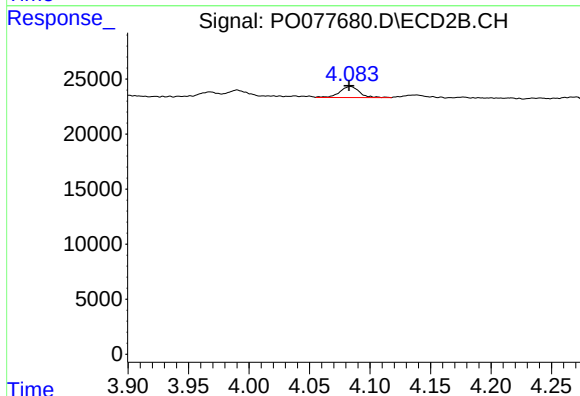
R.T.: 4.084 min
Delta R.T.: 0.002 min
Response: 11173
Conc: 22.52 ng/ml



#11 AR-1232-1

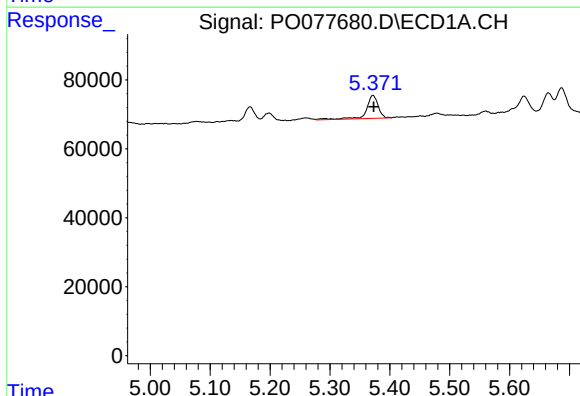
R.T.: 4.799 min
Delta R.T.: 0.001 min
Response: 77259
Conc: 53.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



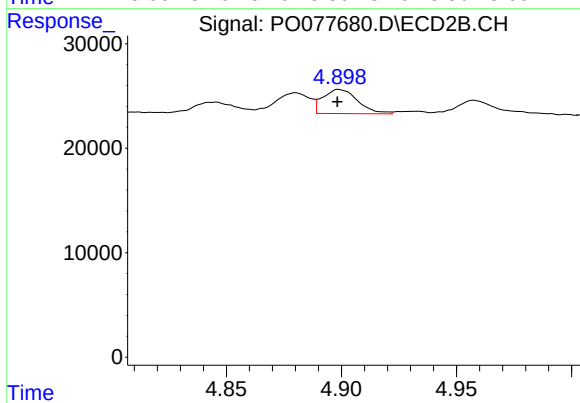
#11 AR-1232-1

R.T.: 4.084 min
Delta R.T.: 0.001 min
Response: 11173
Conc: 29.59 ng/ml



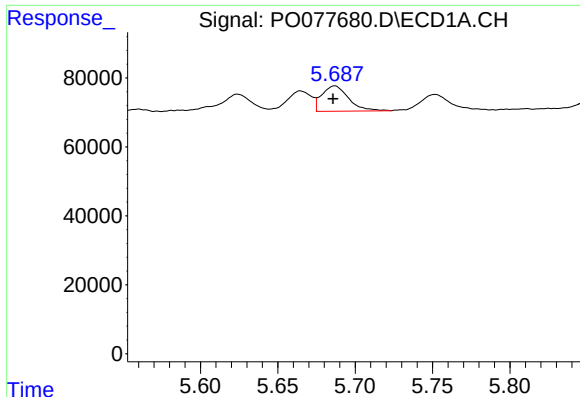
#12 AR-1232-2

R.T.: 5.372 min
Delta R.T.: -0.002 min
Response: 89938
Conc: 123.96 ng/ml



#12 AR-1232-2

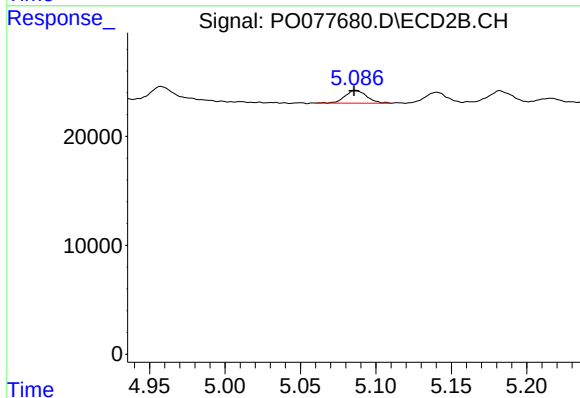
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 24361
Conc: 71.36 ng/ml



#13 AR-1232-3

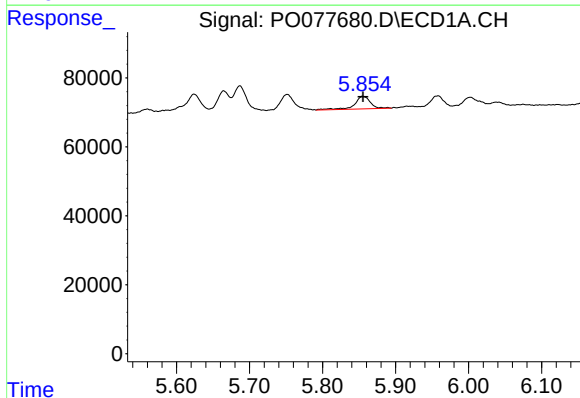
R.T.: 5.687 min
Delta R.T.: 0.001 min
Response: 89173
Conc: 64.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



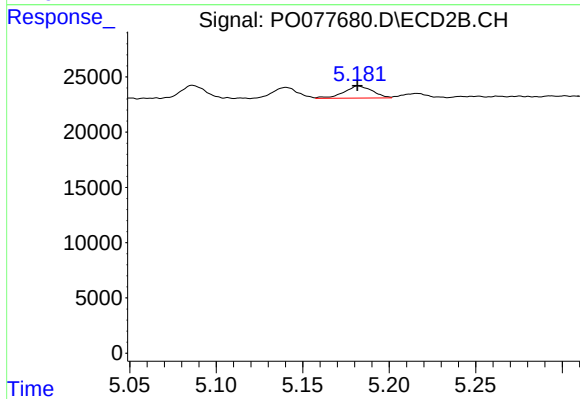
#13 AR-1232-3

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 11749
Conc: 64.25 ng/ml



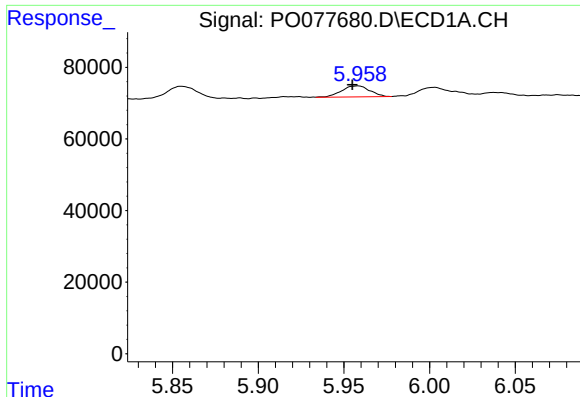
#14 AR-1232-4

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 54893
Conc: 80.10 ng/ml



#14 AR-1232-4

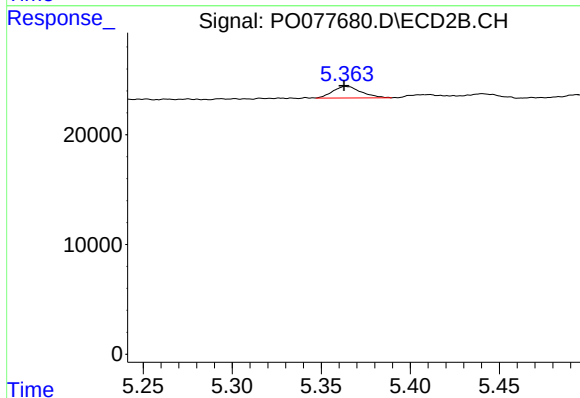
R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 12569
Conc: 75.86 ng/ml



#15 AR-1232-5

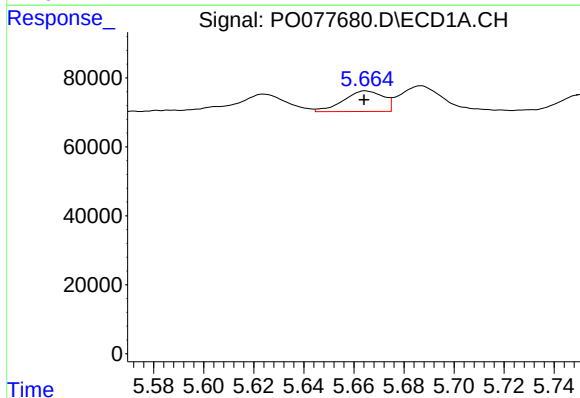
R.T.: 5.958 min
Delta R.T.: 0.003 min
Response: 35081
Conc: 75.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



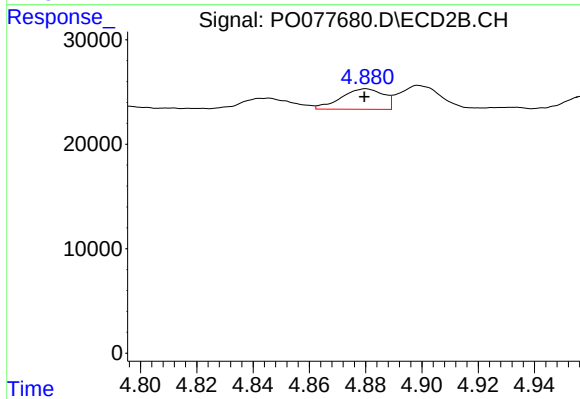
#15 AR-1232-5

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 11645
Conc: 64.29 ng/ml



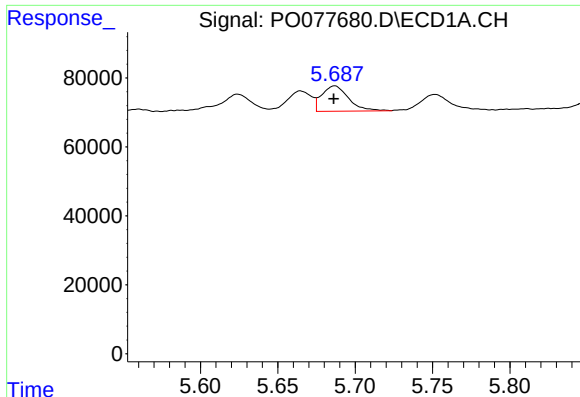
#16 AR-1242-1

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 66321
Conc: 35.81 ng/ml



#16 AR-1242-1

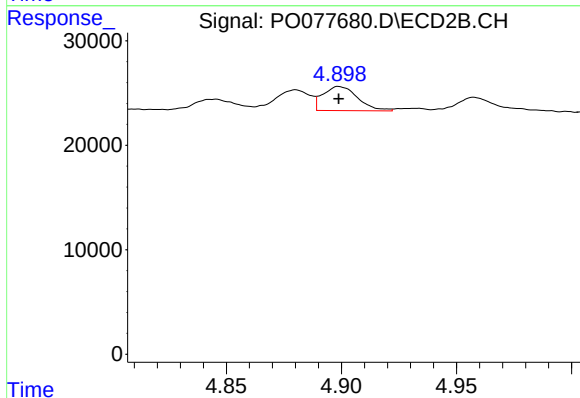
R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 20591
Conc: 42.38 ng/ml



#17 AR-1242-2

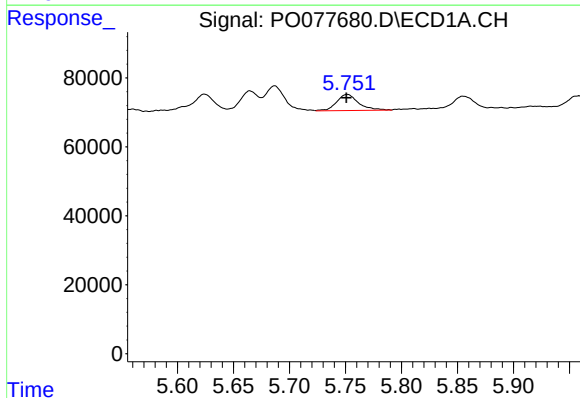
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 89173
Conc: 34.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



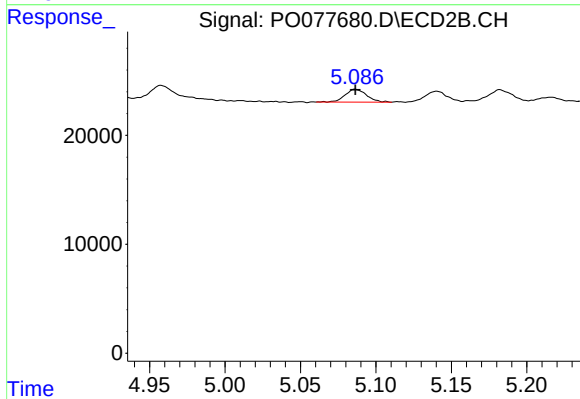
#17 AR-1242-2

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 24361
Conc: 37.91 ng/ml



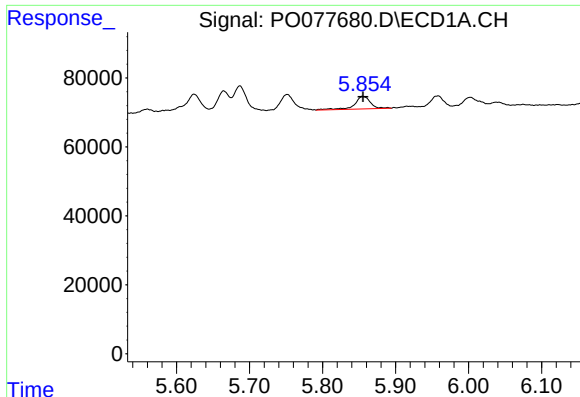
#18 AR-1242-3

R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 62914
Conc: 39.28 ng/ml



#18 AR-1242-3

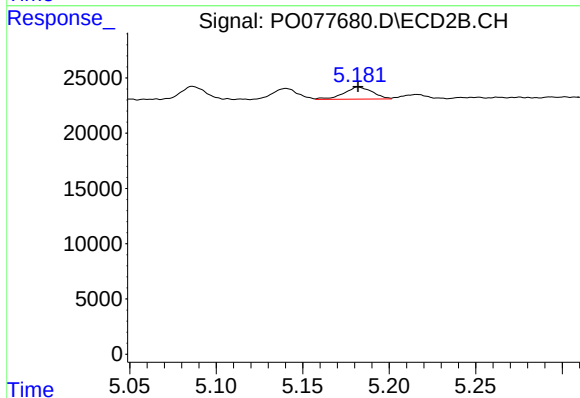
R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 11749
Conc: 34.11 ng/ml



#19 AR-1242-4

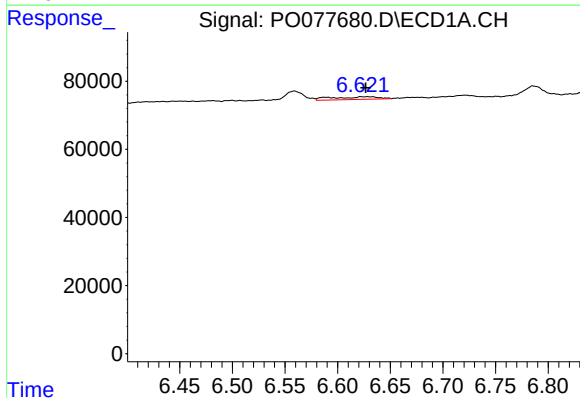
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 54893
Conc: 42.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



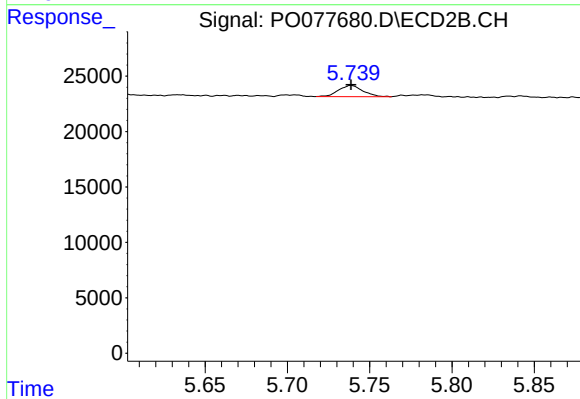
#19 AR-1242-4

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 12569
Conc: 36.40 ng/ml



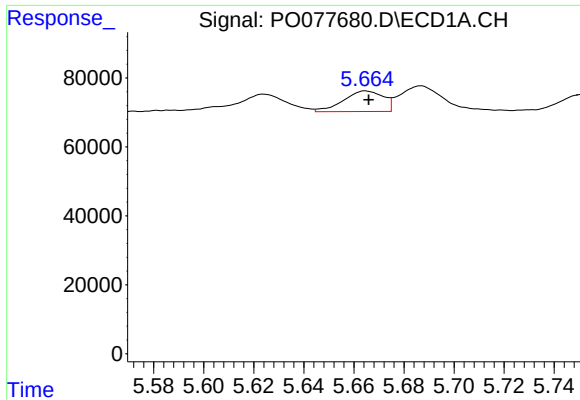
#20 AR-1242-5

R.T.: 6.622 min
Delta R.T.: -0.005 min
Response: 23908
Conc: 17.18 ng/ml



#20 AR-1242-5

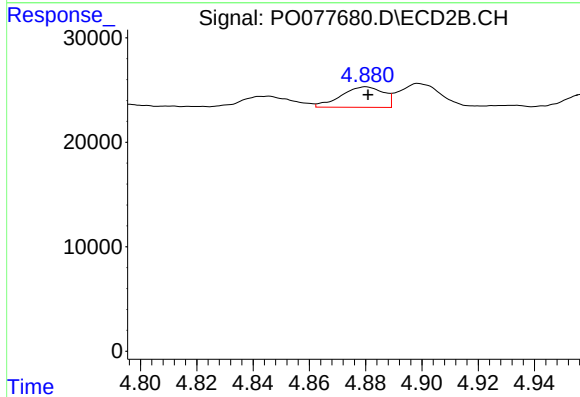
R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 10401
Conc: 23.42 ng/ml



#21 AR-1248-1

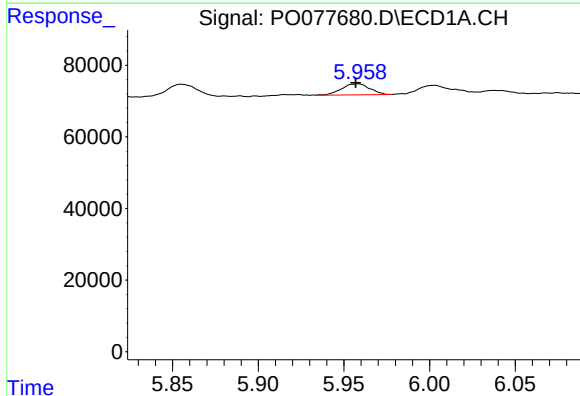
R.T.: 5.665 min
Delta R.T.: -0.001 min
Response: 66321
Conc: 47.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



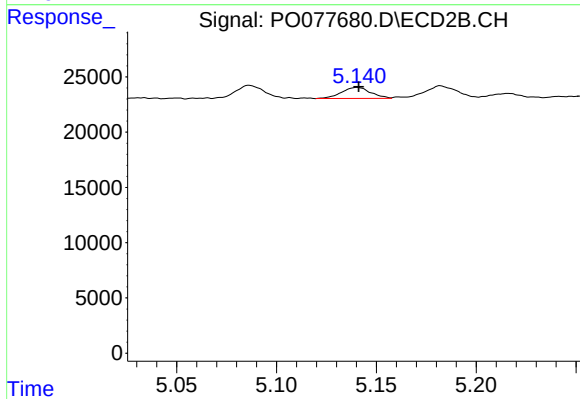
#21 AR-1248-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 20591
Conc: 56.81 ng/ml



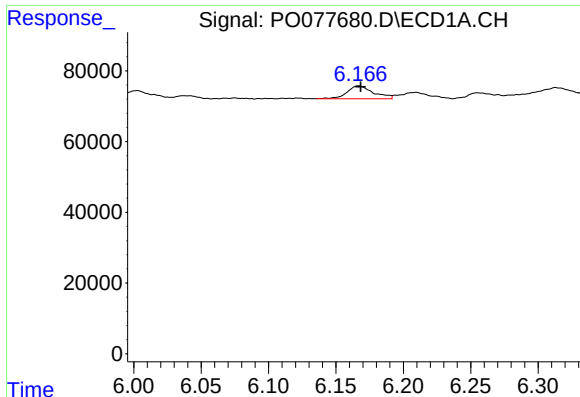
#22 AR-1248-2

R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 35081
Conc: 19.23 ng/ml



#22 AR-1248-2

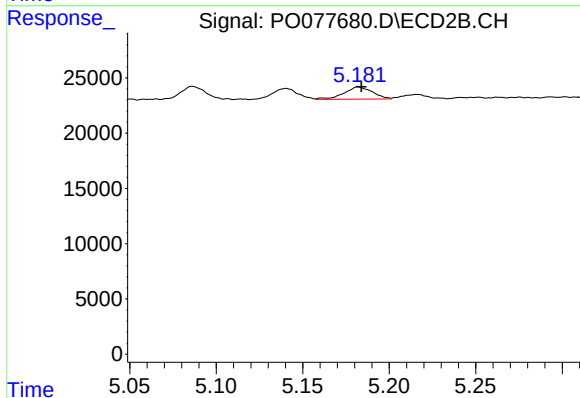
R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 10156
Conc: 19.83 ng/ml



#23 AR-1248-3

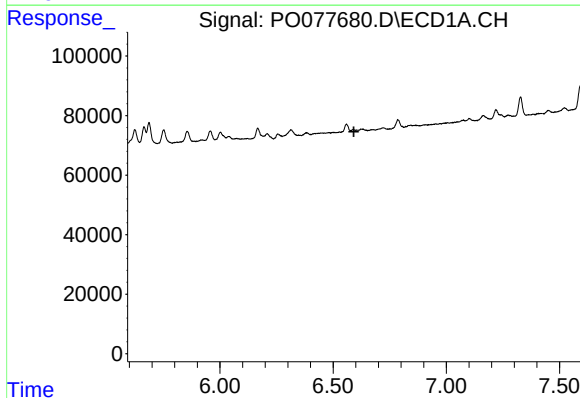
R.T.: 6.167 min
Delta R.T.: -0.001 min
Response: 48919
Conc: 22.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



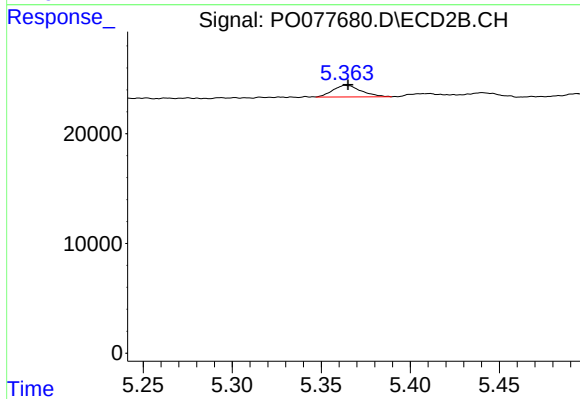
#23 AR-1248-3

R.T.: 5.182 min
Delta R.T.: -0.002 min
Response: 12569
Conc: 24.55 ng/ml



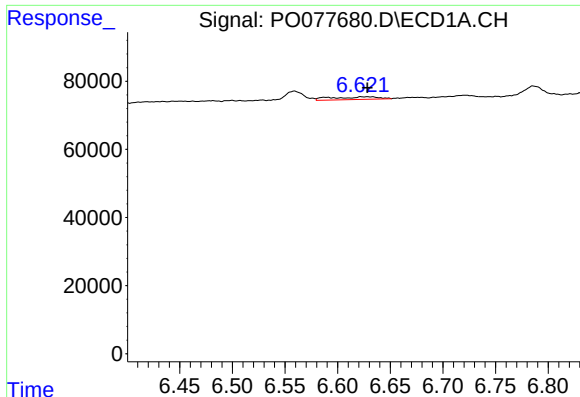
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.591 min
Response: 0
Conc: N.D.



#24 AR-1248-4

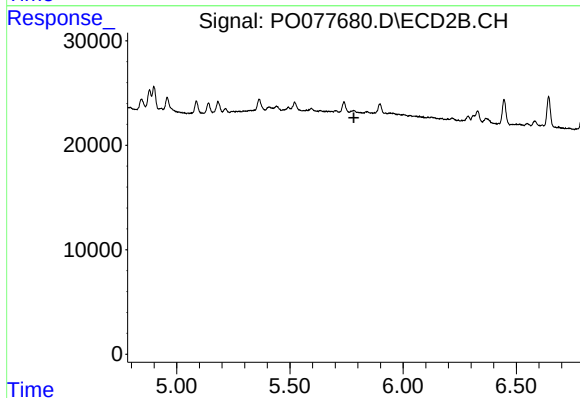
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 11645
Conc: 18.73 ng/ml



#25 AR-1248-5

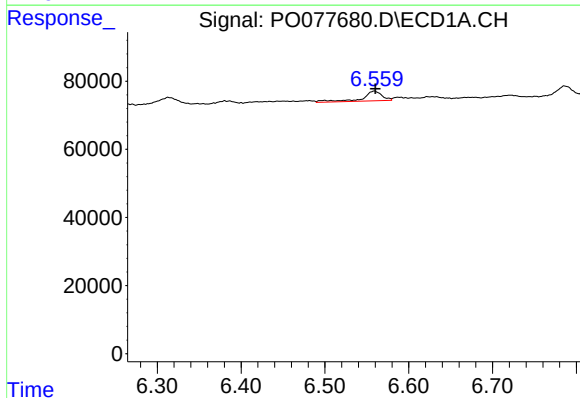
R.T.: 6.622 min
Delta R.T.: -0.006 min
Response: 23908
Conc: 10.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



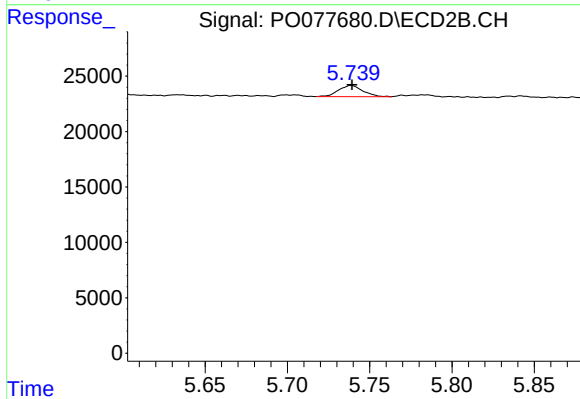
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.782 min
Response: 0
Conc: N.D.



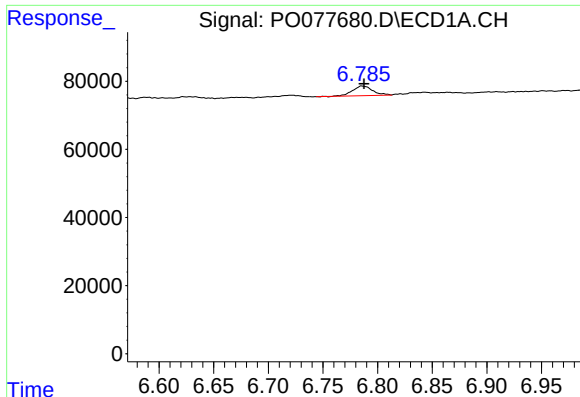
#26 AR-1254-1

R.T.: 6.559 min
Delta R.T.: -0.001 min
Response: 46574
Conc: 18.61 ng/ml



#26 AR-1254-1

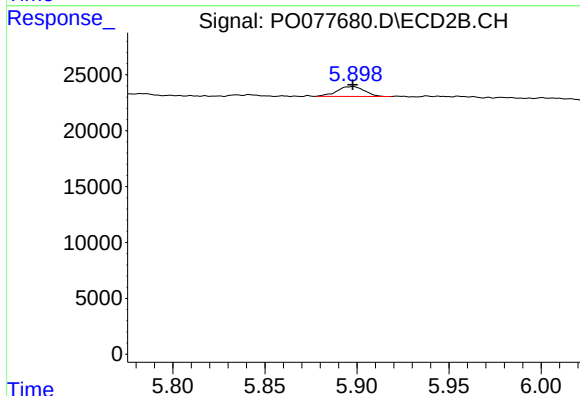
R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 10401
Conc: 11.04 ng/ml



#27 AR-1254-2

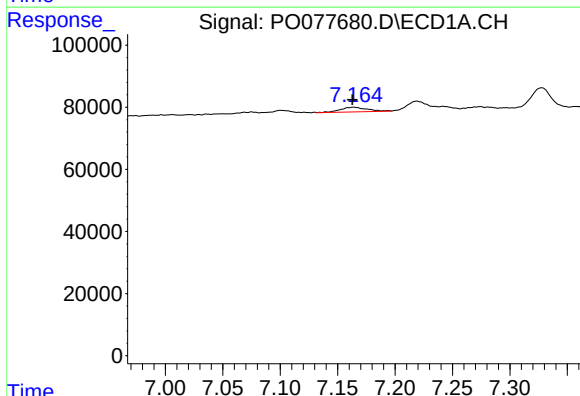
R.T.: 6.786 min
Delta R.T.: -0.002 min
Response: 36126
Conc: 9.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



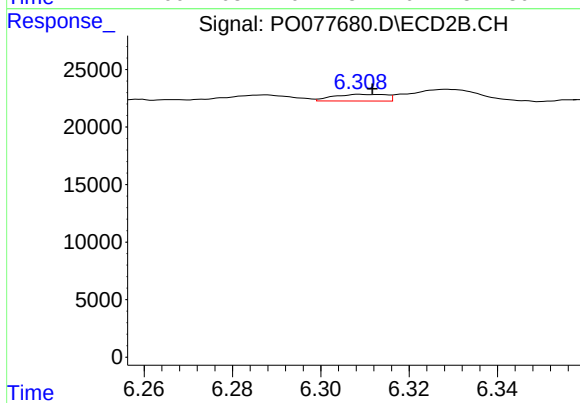
#27 AR-1254-2

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 9289
Conc: 10.90 ng/ml



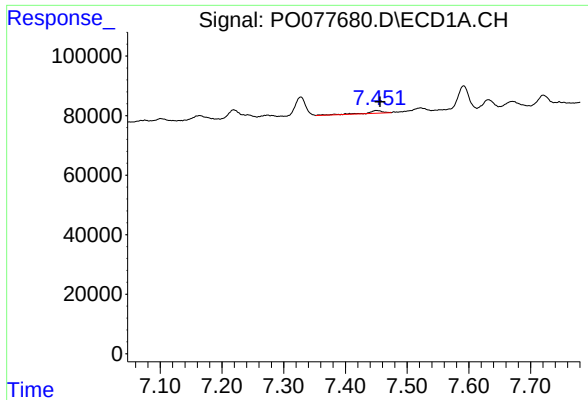
#28 AR-1254-3

R.T.: 7.164 min
Delta R.T.: 0.001 min
Response: 24896
Conc: 6.06 ng/ml



#28 AR-1254-3

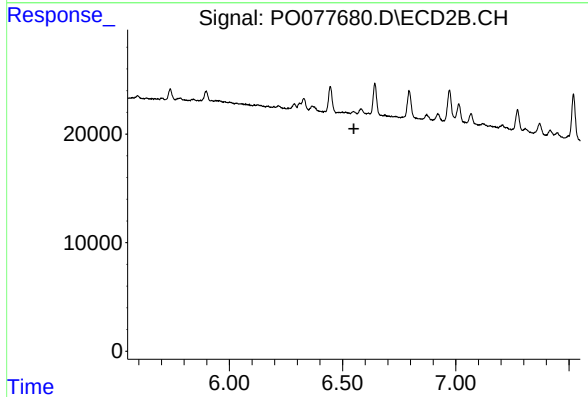
R.T.: 6.309 min
Delta R.T.: -0.003 min
Response: 4867
Conc: 3.73 ng/ml



#29 AR-1254-4

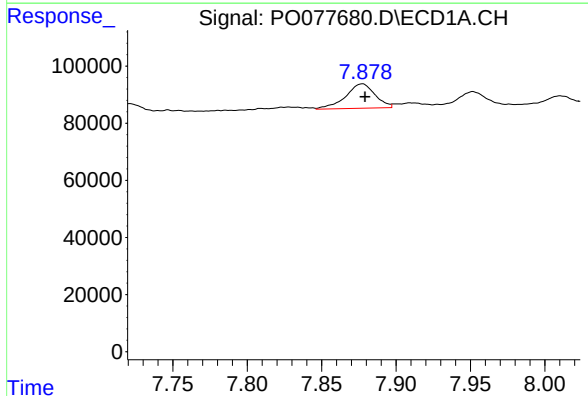
R.T.: 7.450 min
Delta R.T.: -0.006 min
Response: 16833
Conc: 5.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



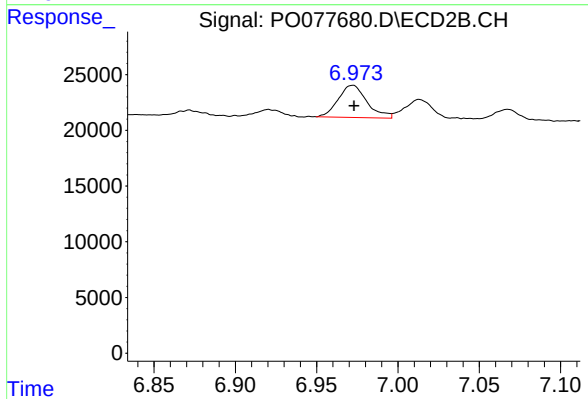
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.550 min
Response: 0
Conc: N.D.



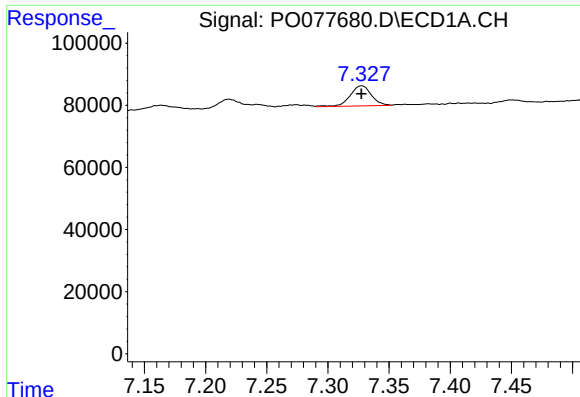
#30 AR-1254-5

R.T.: 7.877 min
Delta R.T.: -0.002 min
Response: 117952
Conc: 34.89 ng/ml



#30 AR-1254-5

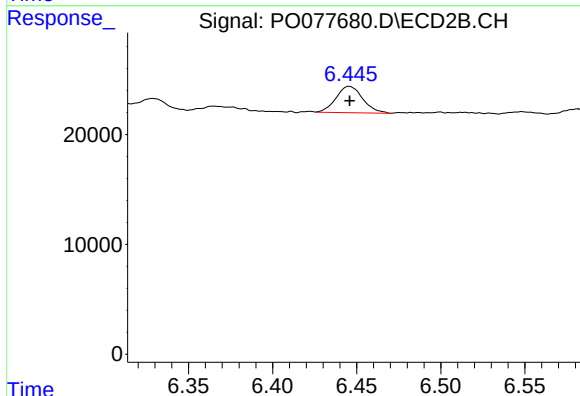
R.T.: 6.972 min
Delta R.T.: 0.000 min
Response: 35528
Conc: 28.59 ng/ml



#31 AR-1260-1

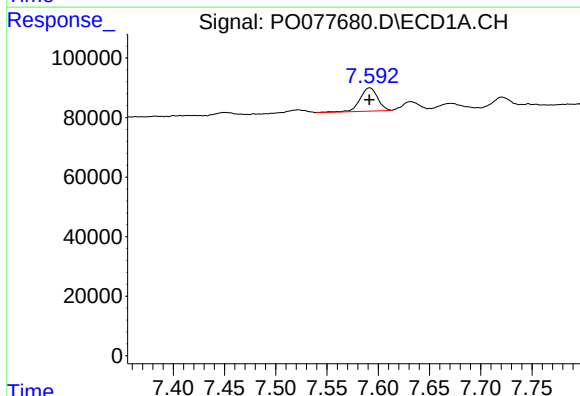
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 78048
Conc: 23.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



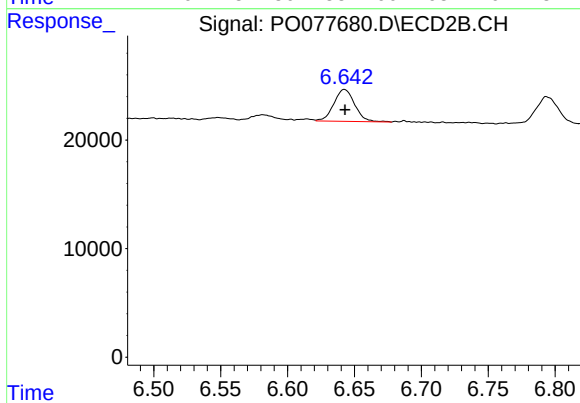
#31 AR-1260-1

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 26537
Conc: 26.94 ng/ml



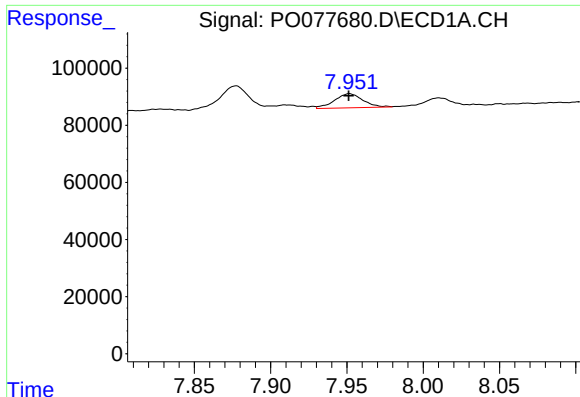
#32 AR-1260-2

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 94271
Conc: 23.42 ng/ml



#32 AR-1260-2

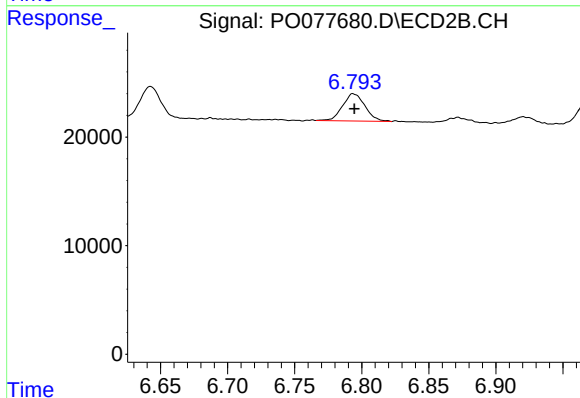
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 31974
Conc: 26.56 ng/ml



#33 AR-1260-3

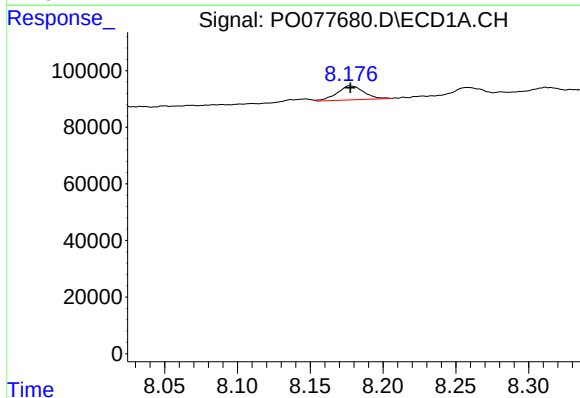
R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 64765
Conc: 26.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



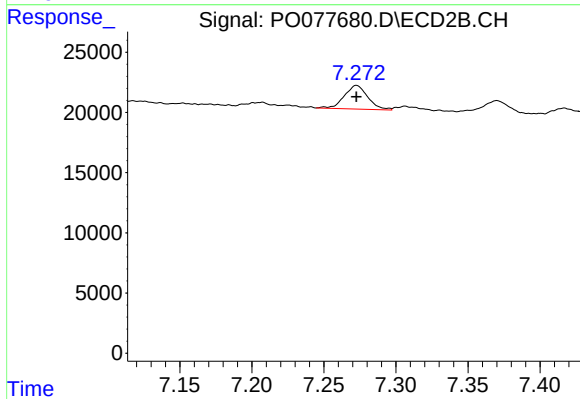
#33 AR-1260-3

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 29348
Conc: 26.46 ng/ml



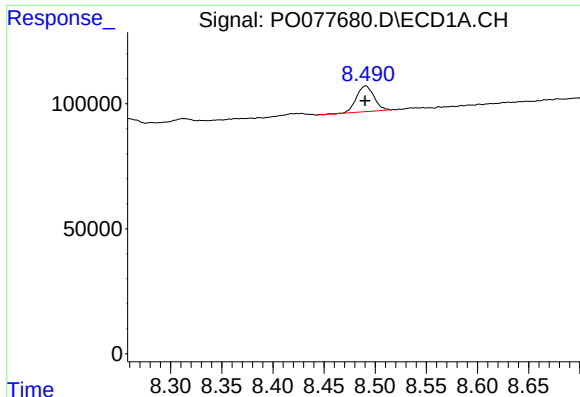
#34 AR-1260-4

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 63584
Conc: 21.18 ng/ml



#34 AR-1260-4

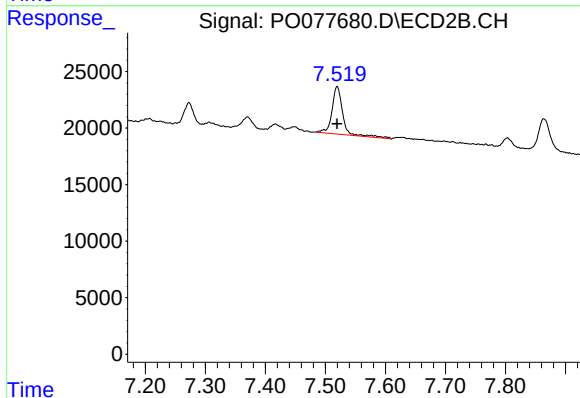
R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 22156
Conc: 27.27 ng/ml



#35 AR-1260-5

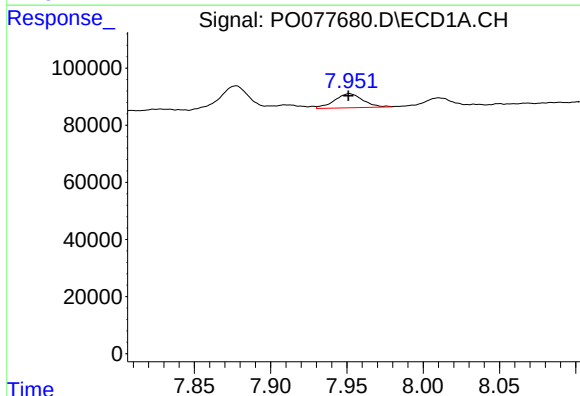
R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 123504
Conc: 21.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



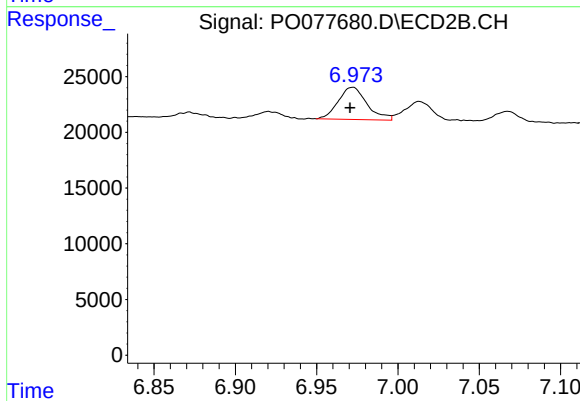
#35 AR-1260-5

R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 52606
Conc: 27.14 ng/ml



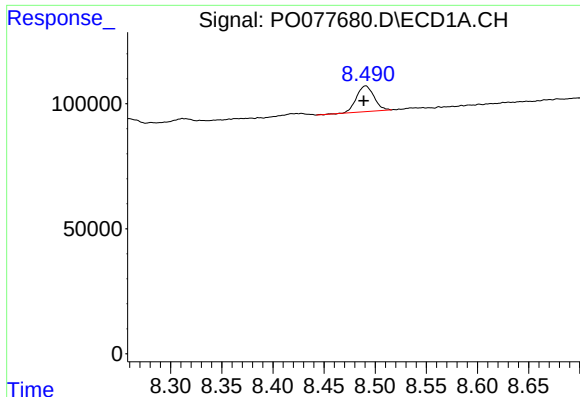
#36 AR-1262-1

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 64765
Conc: 16.89 ng/ml



#36 AR-1262-1

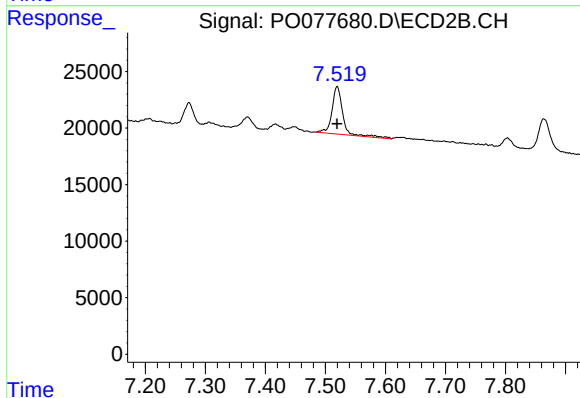
R.T.: 6.972 min
Delta R.T.: 0.002 min
Response: 35528
Conc: 54.99 ng/ml



#37 AR-1262-2

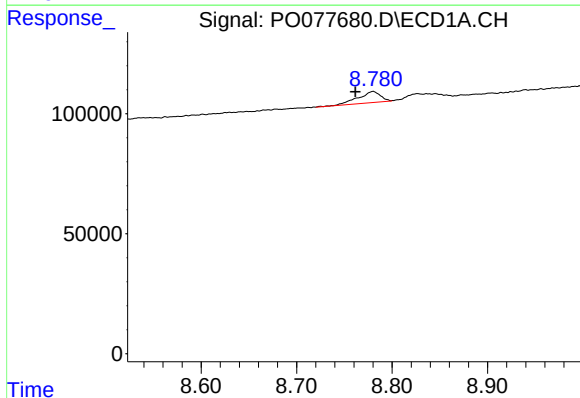
R.T.: 8.491 min
Delta R.T.: 0.002 min
Response: 123504
Conc: 17.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



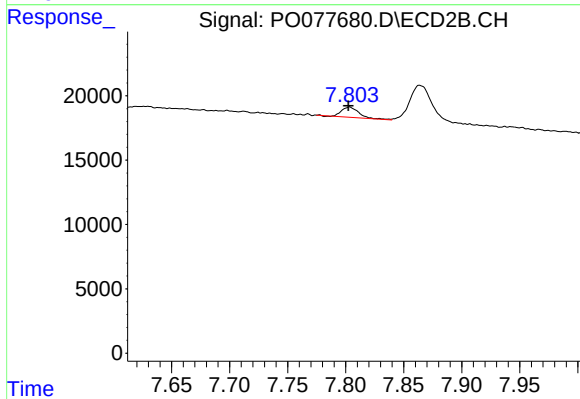
#37 AR-1262-2

R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 52606
Conc: 23.77 ng/ml



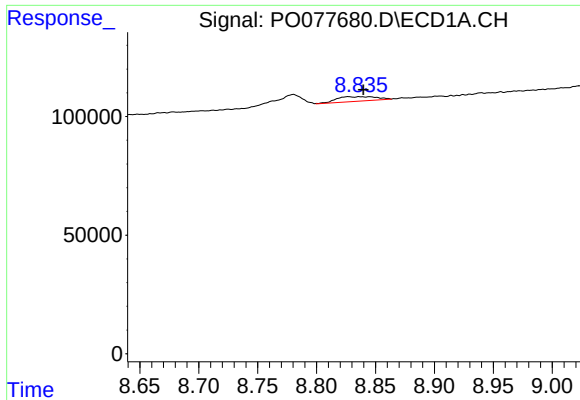
#38 AR-1262-3

R.T.: 8.780 min
Delta R.T.: 0.019 min
Response: 76935
Conc: 17.25 ng/ml



#38 AR-1262-3

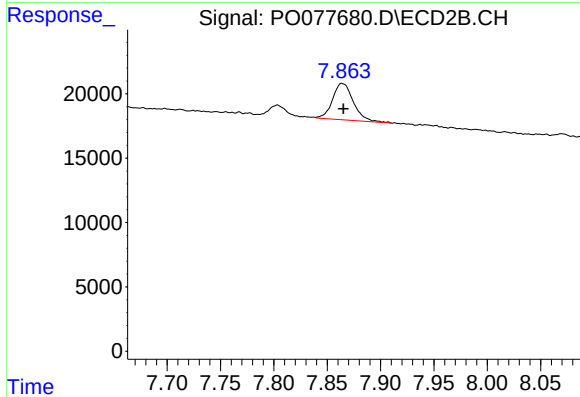
R.T.: 7.803 min
Delta R.T.: 0.001 min
Response: 8272
Conc: 9.25 ng/ml



#39 AR-1262-4

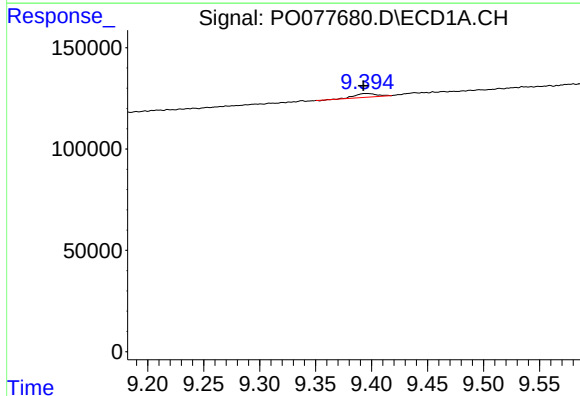
R.T.: 8.827 min
Delta R.T.: -0.013 min
Response: 46185
Conc: 14.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



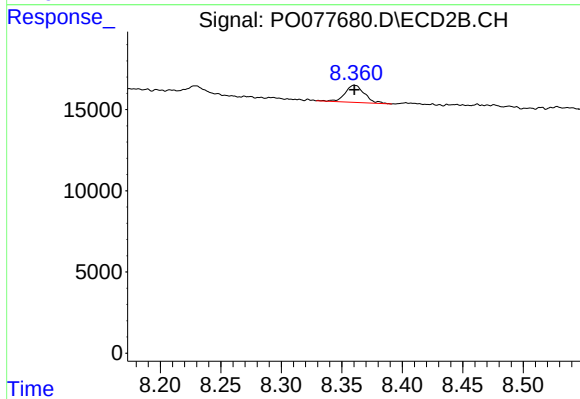
#39 AR-1262-4

R.T.: 7.864 min
Delta R.T.: -0.001 min
Response: 38234
Conc: 22.92 ng/ml



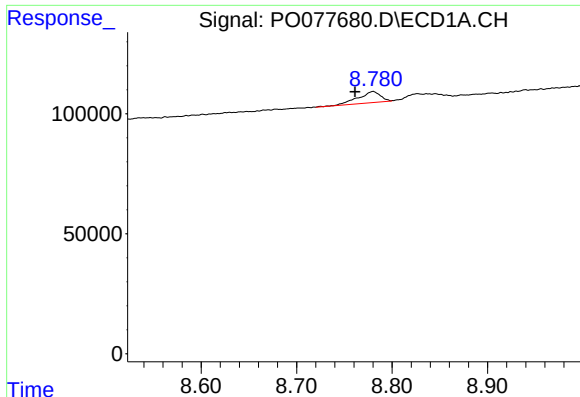
#40 AR-1262-5

R.T.: 9.395 min
Delta R.T.: 0.002 min
Response: 25001
Conc: 10.77 ng/ml



#40 AR-1262-5

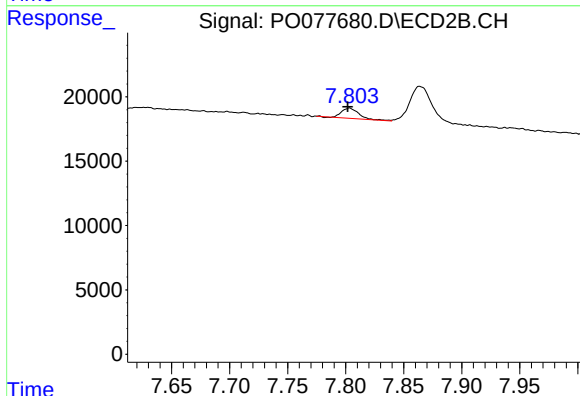
R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 11794
Conc: 14.65 ng/ml



#41 AR-1268-1

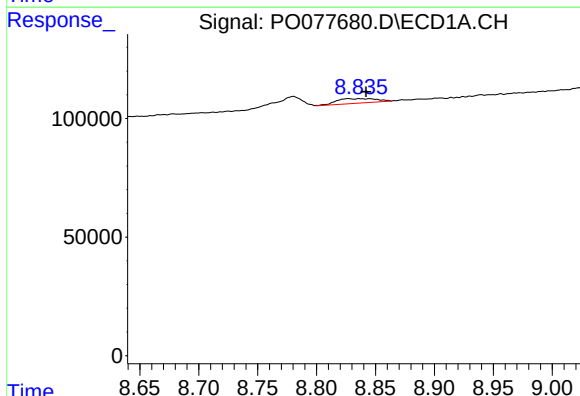
R.T.: 8.780 min
Delta R.T.: 0.019 min
Response: 76935
Conc: 10.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



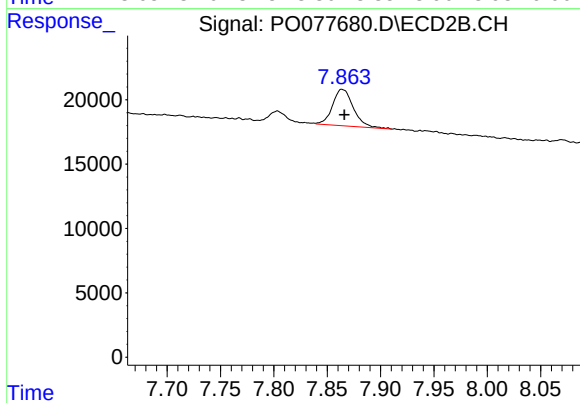
#41 AR-1268-1

R.T.: 7.803 min
Delta R.T.: 0.001 min
Response: 8272
Conc: 3.37 ng/ml



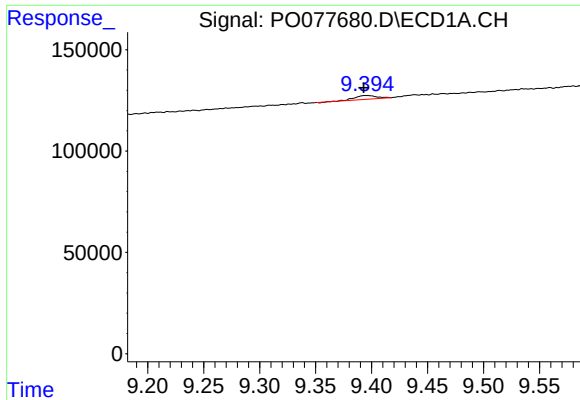
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: -0.015 min
Response: 46185
Conc: 6.88 ng/ml



#42 AR-1268-2

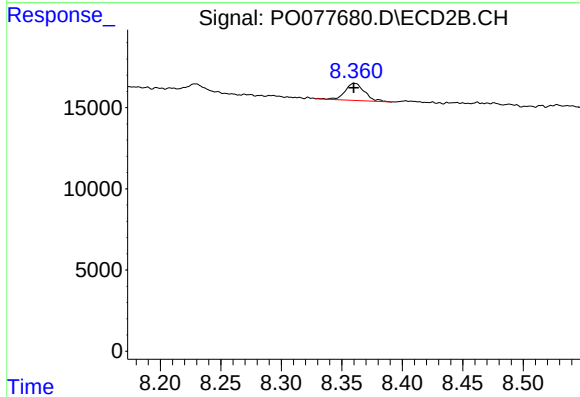
R.T.: 7.864 min
Delta R.T.: -0.002 min
Response: 38234
Conc: 17.30 ng/ml



#44 AR-1268-4

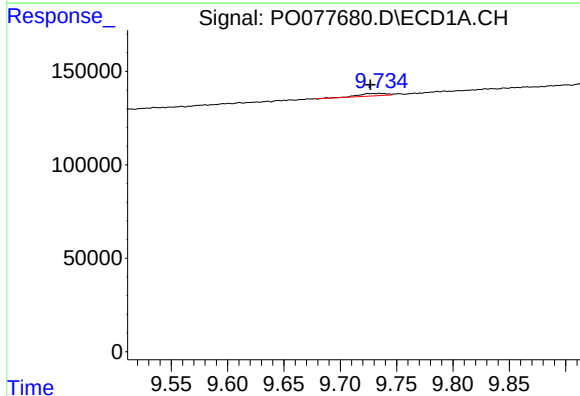
R.T.: 9.395 min
Delta R.T.: 0.002 min
Response: 25001
Conc: 10.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



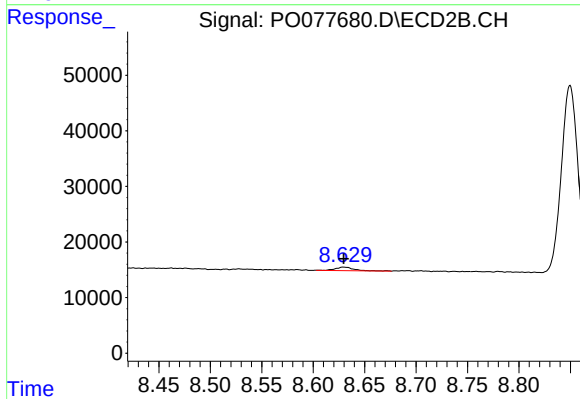
#44 AR-1268-4

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 11794
Conc: 13.82 ng/ml



#45 AR-1268-5

R.T.: 9.735 min
Delta R.T.: 0.008 min
Response: 22265
Conc: 1.19 ng/ml



#45 AR-1268-5

R.T.: 8.630 min
Delta R.T.: 0.000 min
Response: 8139
Conc: 1.35 ng/ml