

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052419\
 Data File : P0056569.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 May 2019 16:35
 Operator : SM/SJ
 Sample : K3019-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:26:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 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...	4.254	3.572	742974	634105	19.407	19.228
2)	SA Decachlor...	9.833	8.510	776178	511462	15.813	14.344
Target Compounds							
3)	L1 AR-1016-1	5.417	4.642	198233	138485	110.214	110.041
4)	L1 AR-1016-2	5.438	4.660	283435	195863	112.874	108.715
5)	L1 AR-1016-3	5.499	4.834	176573	106992	109.857	108.517
6)	L1 AR-1016-4	5.597	4.875	139185	89028	106.102	107.542
7)	L1 AR-1016-5	5.888	5.087	139801	108672	101.187	101.305
9)	L2 AR-1221-2	0.000	3.869	0	25394	N.D.	67.383 #
10)	L2 AR-1221-3	4.627	3.942	89731	67408	60.708	56.312
11)	L3 AR-1232-1	4.627	3.942	89731	67408	76.147	75.034
12)	L3 AR-1232-2	5.150	4.660	134011	195863	202.116	201.530
13)	L3 AR-1232-3	5.438	4.834	283435	106992	199.792	204.459
14)	L3 AR-1232-4	5.597	4.916	139185	105766	197.726	214.671
15)	L3 AR-1232-5	5.686	5.087	132966	108672	235.176	192.936
16)	L4 AR-1242-1	5.417	4.642	198233	138485	114.905	111.809
17)	L4 AR-1242-2	5.438	4.660	283435	195863	111.642	108.908
18)	L4 AR-1242-3	5.499	4.834	176573	106992	108.592	108.830
19)	L4 AR-1242-4	5.597	4.916	139185	105766	104.124	108.690
20)	L4 AR-1242-5	6.262	5.434	129637	90066	78.565	76.180
21)	L5 AR-1248-1	5.417	4.642	198233	138485	153.846	147.872
22)	L5 AR-1248-2	5.686	4.875	132966	89028	71.376	70.076
23)	L5 AR-1248-3	5.888	4.916	139801	105766	68.151	80.991
24)	L5 AR-1248-4	6.262	5.087	129637	108672	56.031	68.622
25)	L5 AR-1248-5	6.262	5.434	129637	90066	58.943	54.418
26)	L6 AR-1254-1	6.262	5.434	129637	90066	47.094	34.055 #
27)	L6 AR-1254-2	6.479	5.580	127793	84641	32.902	39.262
28)	L6 AR-1254-3	6.845	5.993	82550	155106	20.020	42.366 #
29)	L6 AR-1254-4	7.128	6.207	43158	16589	14.339	7.551 #
30)	L6 AR-1254-5	7.545	6.620	410522	280602	109.018	88.511
31)	L7 AR-1260-1	7.006	6.108	277342	215764	108.076	107.861
32)	L7 AR-1260-2	7.262	6.295	335335	255719	110.885	103.742
33)	L7 AR-1260-3	7.618	6.447	202312	228132	83.980	101.698
34)	L7 AR-1260-4	7.843	6.915	233380	159152	89.103	85.519
35)	L7 AR-1260-5	8.152	7.157	385933	363003	80.704	84.178
36)	L8 AR-1262-1	7.618	6.657	202312	197516	43.257	47.320
37)	L8 AR-1262-2	8.152	7.157	385933	363003	50.622	52.834
38)	L8 AR-1262-3	8.461	7.435	249169	78988	47.610	26.744 #
39)	L8 AR-1262-4	8.512	7.499	144655	262230	33.884	50.326 #
40)	L8 AR-1262-5	9.146	7.991	94780	67945	34.495	29.259
41)	L9 AR-1268-1	8.461	7.435	249169	78988	30.620	10.581 #
42)	L9 AR-1268-2	8.512	7.499	144655	262230	17.881	37.552 #

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 ALS Vial : 10 Sample Multiplier: 1

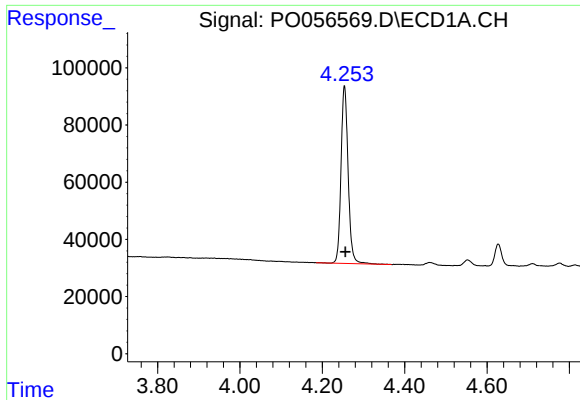
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
44) L9	AR-1268-4	9.146	7.991	94780	67945	34.755	29.108
45) L9	AR-1268-5	0.000	8.270	0	37750	N.D.	2.181 #

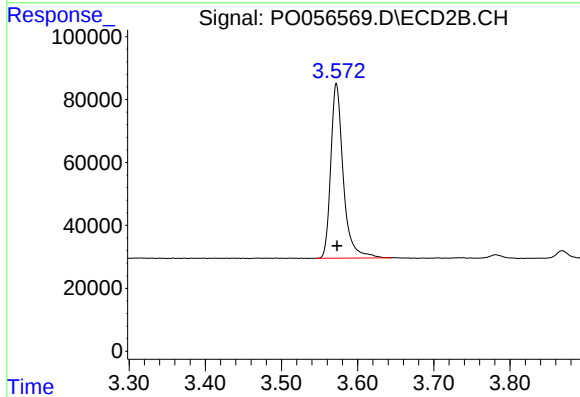
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

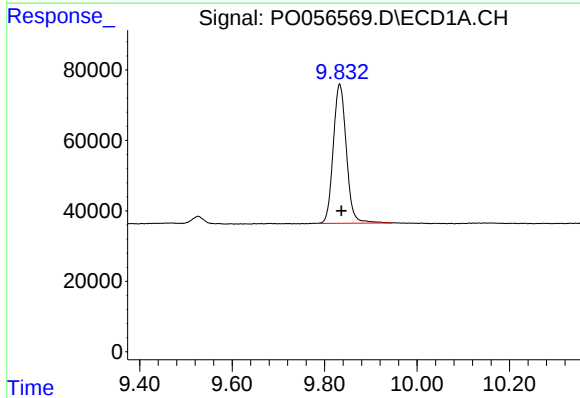
R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 742974
Conc: 19.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



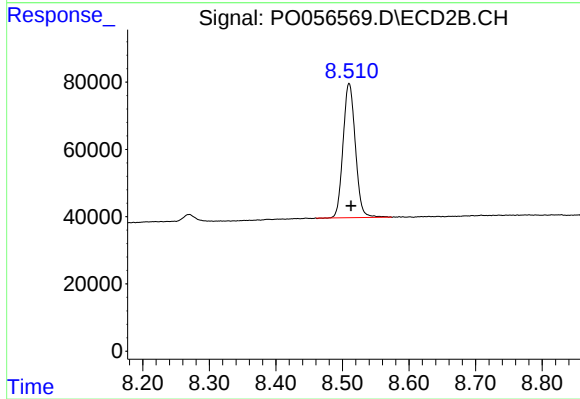
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: 0.000 min
Response: 634105
Conc: 19.23 ng/ml



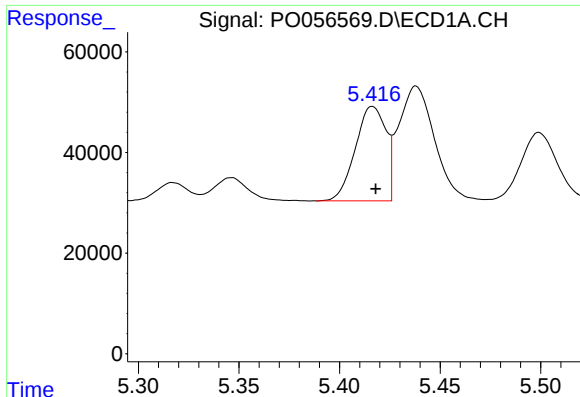
#2 Decachlorobiphenyl

R.T.: 9.833 min
Delta R.T.: -0.004 min
Response: 776178
Conc: 15.81 ng/ml



#2 Decachlorobiphenyl

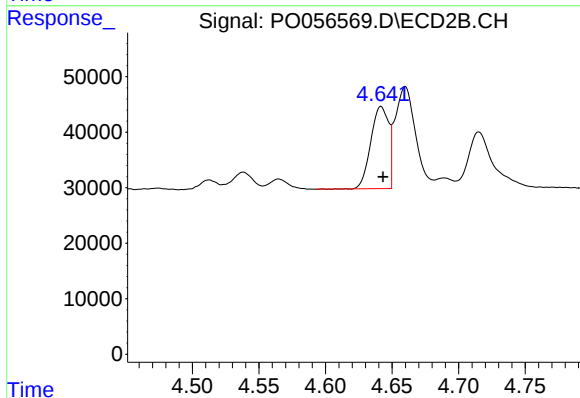
R.T.: 8.510 min
Delta R.T.: -0.003 min
Response: 511462
Conc: 14.34 ng/ml



#3 AR-1016-1

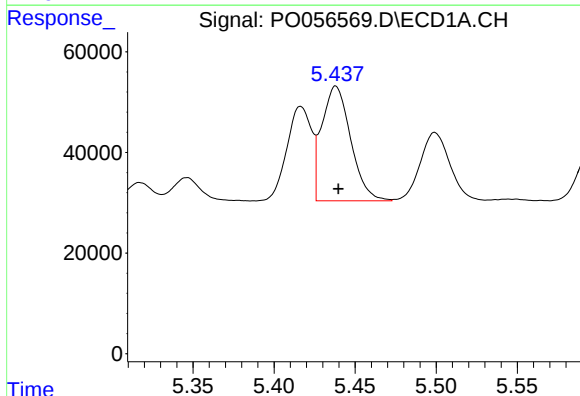
R.T.: 5.417 min
Delta R.T.: -0.001 min
Response: 198233
Conc: 110.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



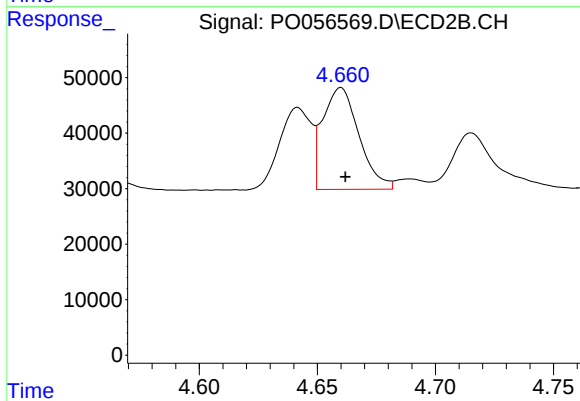
#3 AR-1016-1

R.T.: 4.642 min
Delta R.T.: -0.002 min
Response: 138485
Conc: 110.04 ng/ml



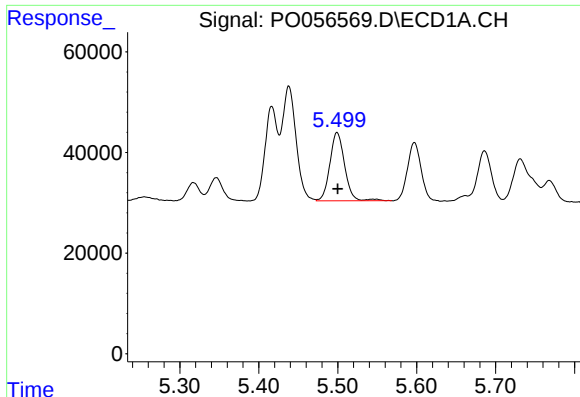
#4 AR-1016-2

R.T.: 5.438 min
Delta R.T.: -0.002 min
Response: 283435
Conc: 112.87 ng/ml



#4 AR-1016-2

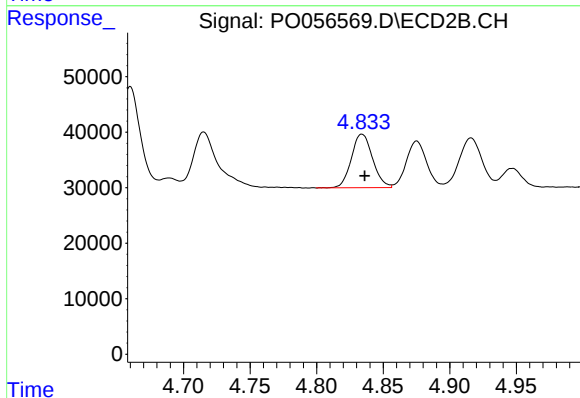
R.T.: 4.660 min
Delta R.T.: -0.002 min
Response: 195863
Conc: 108.71 ng/ml



#5 AR-1016-3

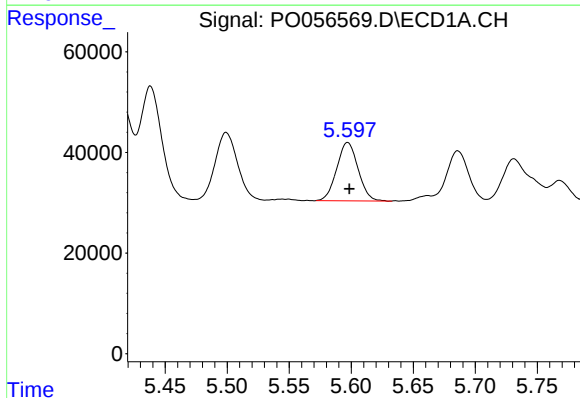
R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 176573
Conc: 109.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



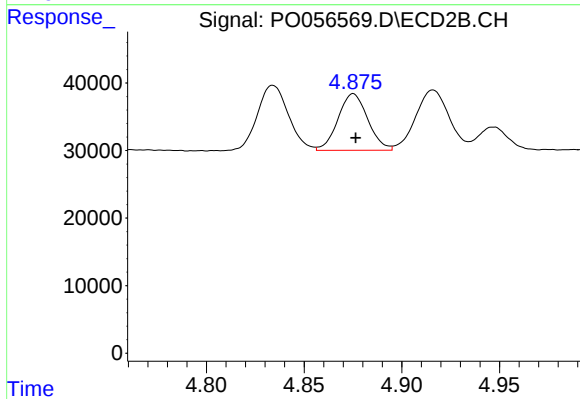
#5 AR-1016-3

R.T.: 4.834 min
Delta R.T.: -0.002 min
Response: 106992
Conc: 108.52 ng/ml



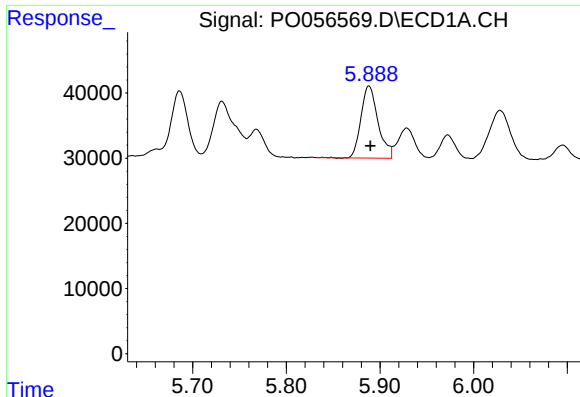
#6 AR-1016-4

R.T.: 5.597 min
Delta R.T.: -0.001 min
Response: 139185
Conc: 106.10 ng/ml



#6 AR-1016-4

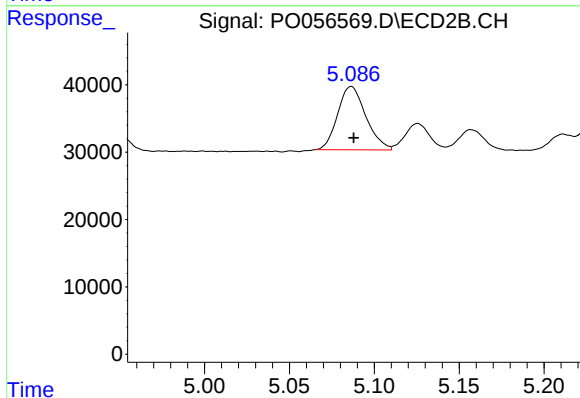
R.T.: 4.875 min
Delta R.T.: -0.001 min
Response: 89028
Conc: 107.54 ng/ml



#7 AR-1016-5

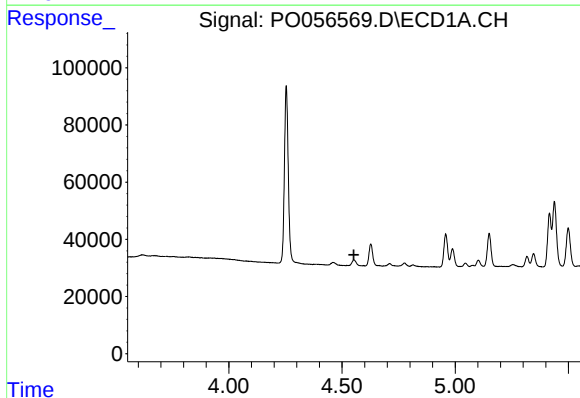
R.T.: 5.888 min
Delta R.T.: -0.001 min
Response: 139801
Conc: 101.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



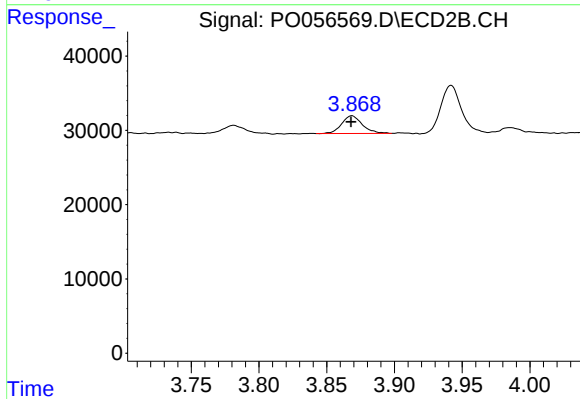
#7 AR-1016-5

R.T.: 5.087 min
Delta R.T.: -0.001 min
Response: 108672
Conc: 101.31 ng/ml



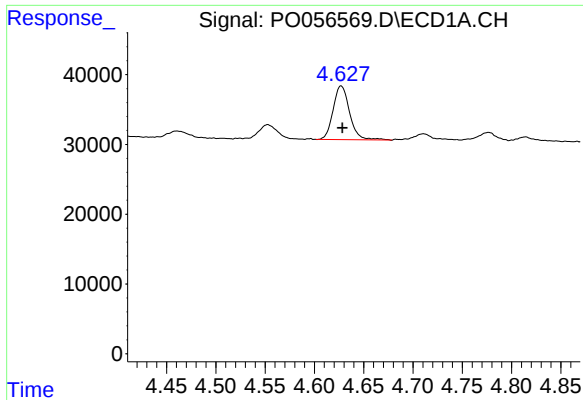
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.



#9 AR-1221-2

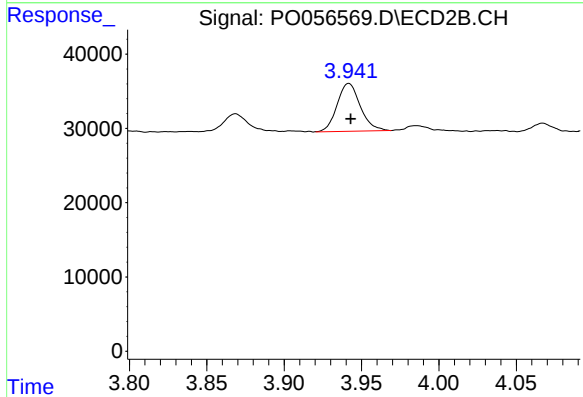
R.T.: 3.869 min
Delta R.T.: 0.000 min
Response: 25394
Conc: 67.38 ng/ml



#10 AR-1221-3

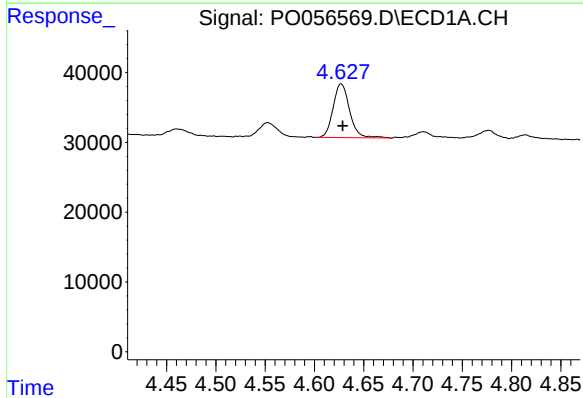
R.T.: 4.627 min
Delta R.T.: -0.001 min
Response: 89731
Conc: 60.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



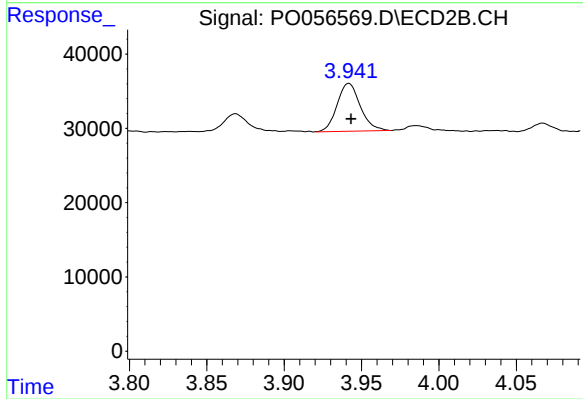
#10 AR-1221-3

R.T.: 3.942 min
Delta R.T.: -0.001 min
Response: 67408
Conc: 56.31 ng/ml



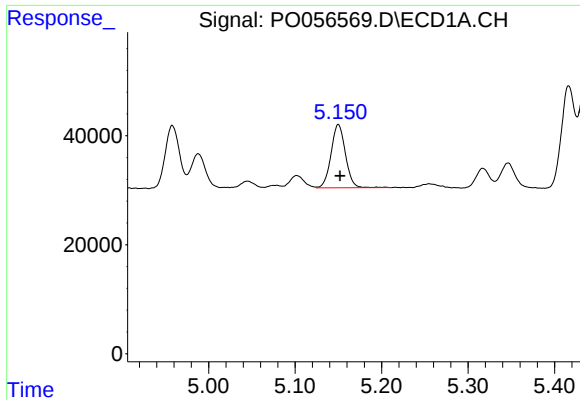
#11 AR-1232-1

R.T.: 4.627 min
Delta R.T.: -0.001 min
Response: 89731
Conc: 76.15 ng/ml



#11 AR-1232-1

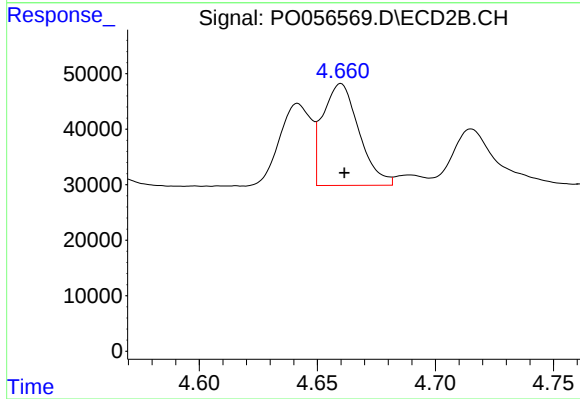
R.T.: 3.942 min
Delta R.T.: -0.001 min
Response: 67408
Conc: 75.03 ng/ml



#12 AR-1232-2

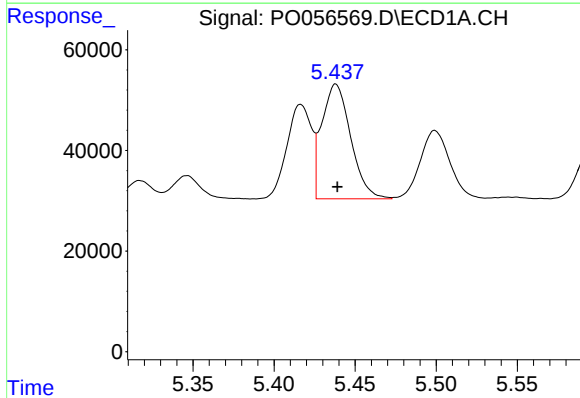
R.T.: 5.150 min
Delta R.T.: -0.002 min
Response: 134011
Conc: 202.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



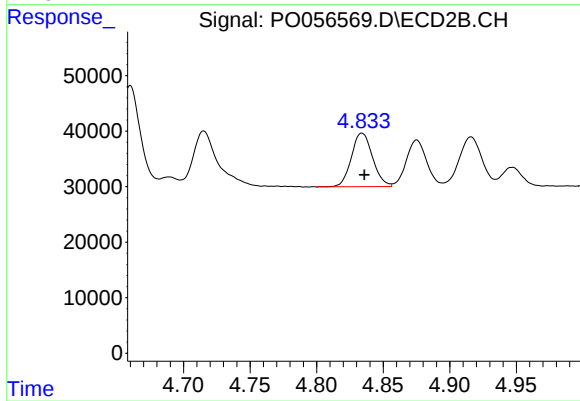
#12 AR-1232-2

R.T.: 4.660 min
Delta R.T.: -0.001 min
Response: 195863
Conc: 201.53 ng/ml



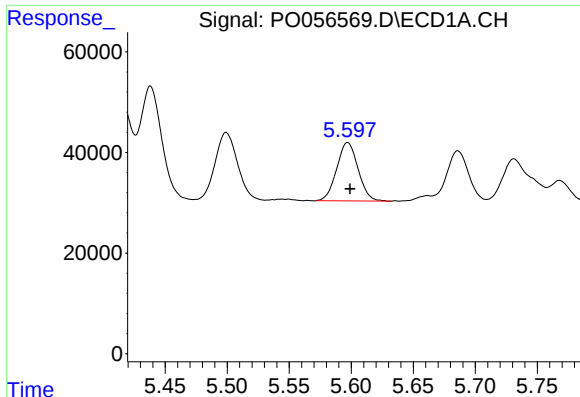
#13 AR-1232-3

R.T.: 5.438 min
Delta R.T.: -0.001 min
Response: 283435
Conc: 199.79 ng/ml



#13 AR-1232-3

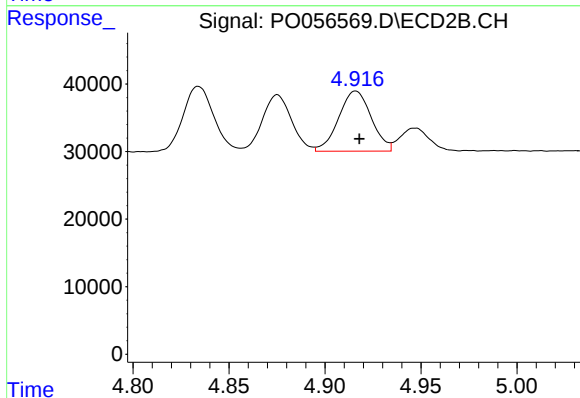
R.T.: 4.834 min
Delta R.T.: -0.002 min
Response: 106992
Conc: 204.46 ng/ml



#14 AR-1232-4

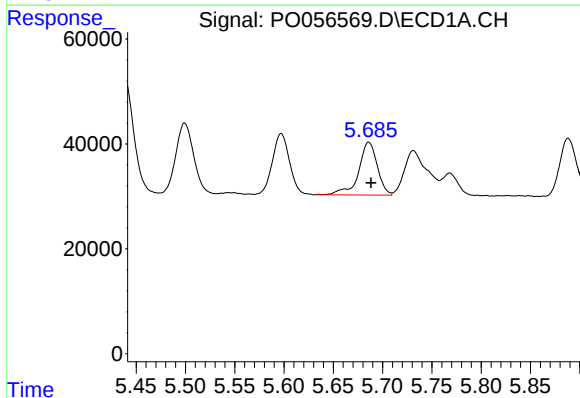
R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 139185
Conc: 197.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



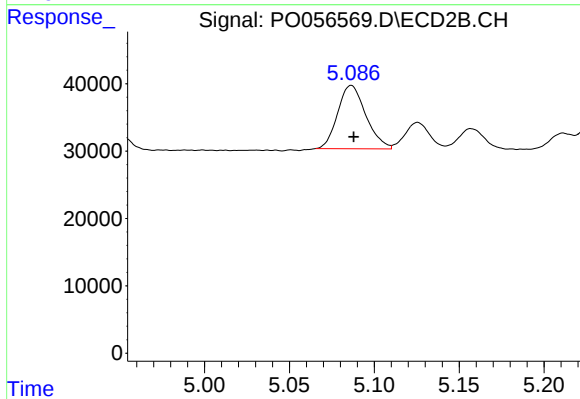
#14 AR-1232-4

R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 105766
Conc: 214.67 ng/ml



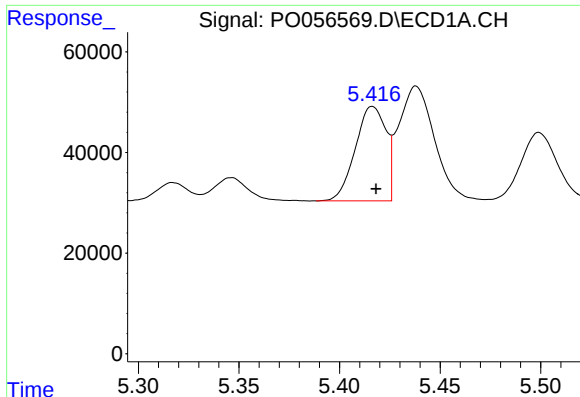
#15 AR-1232-5

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 132966
Conc: 235.18 ng/ml



#15 AR-1232-5

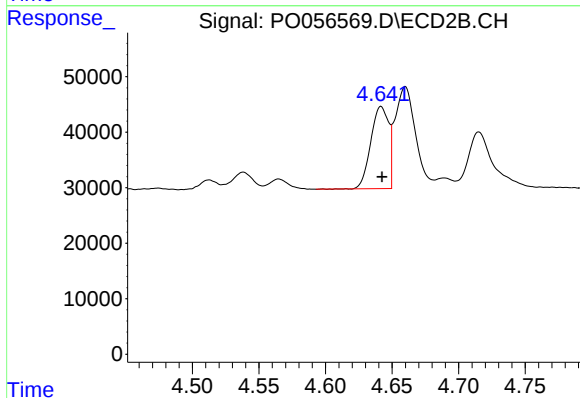
R.T.: 5.087 min
Delta R.T.: -0.001 min
Response: 108672
Conc: 192.94 ng/ml



#16 AR-1242-1

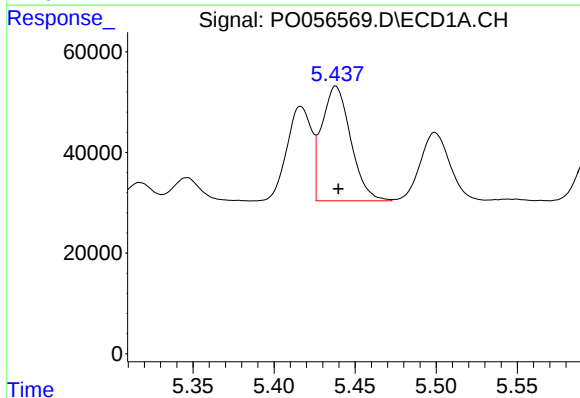
R.T.: 5.417 min
Delta R.T.: -0.002 min
Response: 198233
Conc: 114.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



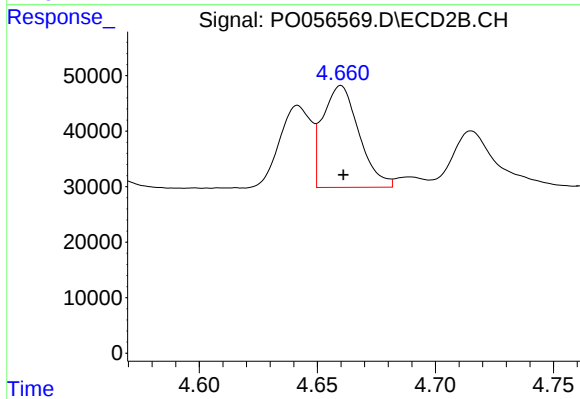
#16 AR-1242-1

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 138485
Conc: 111.81 ng/ml



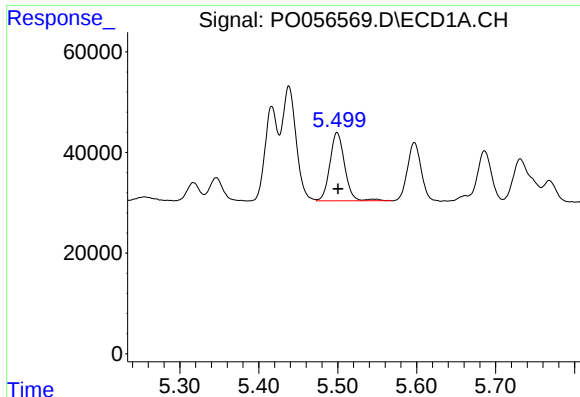
#17 AR-1242-2

R.T.: 5.438 min
Delta R.T.: -0.002 min
Response: 283435
Conc: 111.64 ng/ml



#17 AR-1242-2

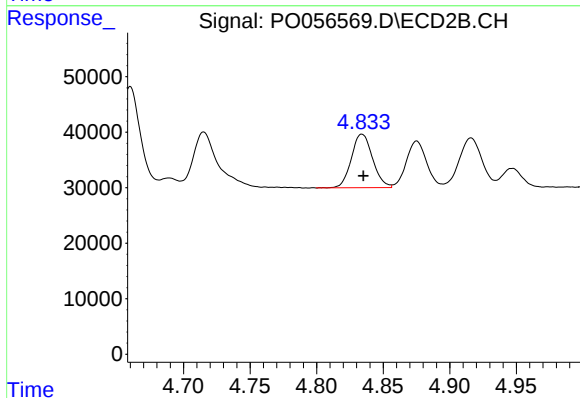
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 195863
Conc: 108.91 ng/ml



#18 AR-1242-3

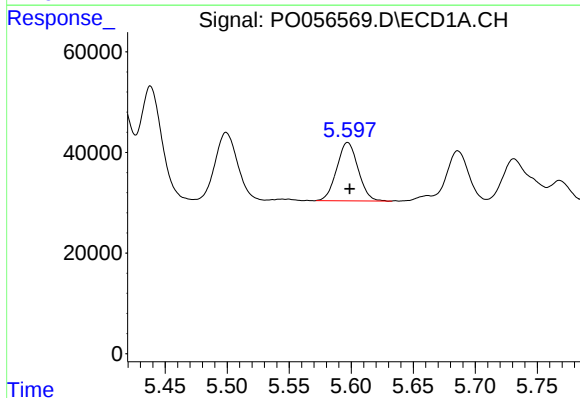
R.T.: 5.499 min
Delta R.T.: -0.001 min
Response: 176573
Conc: 108.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



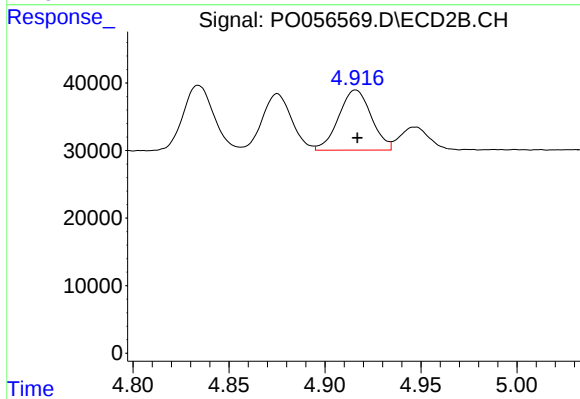
#18 AR-1242-3

R.T.: 4.834 min
Delta R.T.: -0.001 min
Response: 106992
Conc: 108.83 ng/ml



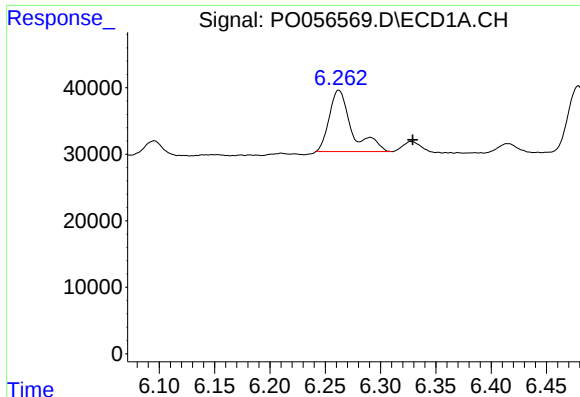
#19 AR-1242-4

R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 139185
Conc: 104.12 ng/ml



#19 AR-1242-4

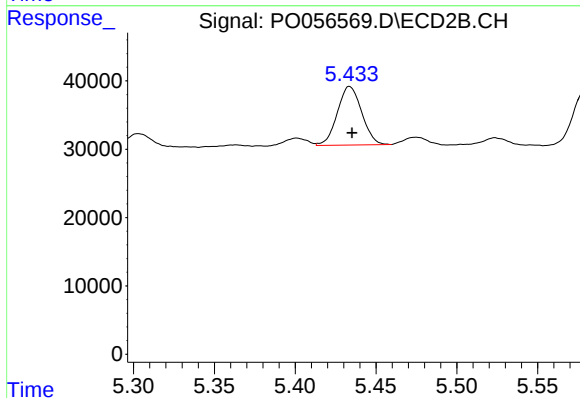
R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 105766
Conc: 108.69 ng/ml



#20 AR-1242-5

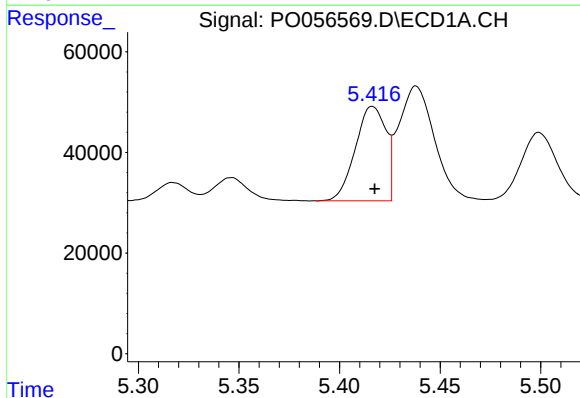
R.T.: 6.262 min
Delta R.T.: -0.067 min
Response: 129637
Conc: 78.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



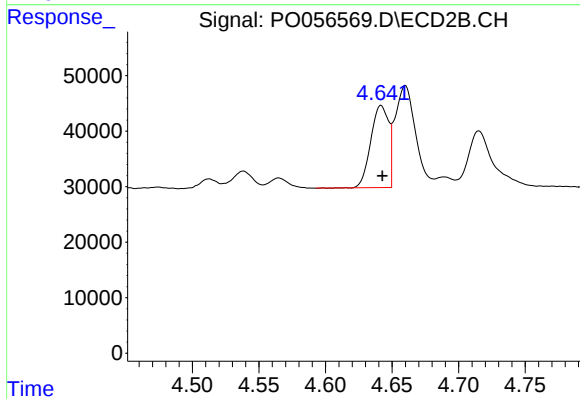
#20 AR-1242-5

R.T.: 5.434 min
Delta R.T.: -0.001 min
Response: 90066
Conc: 76.18 ng/ml



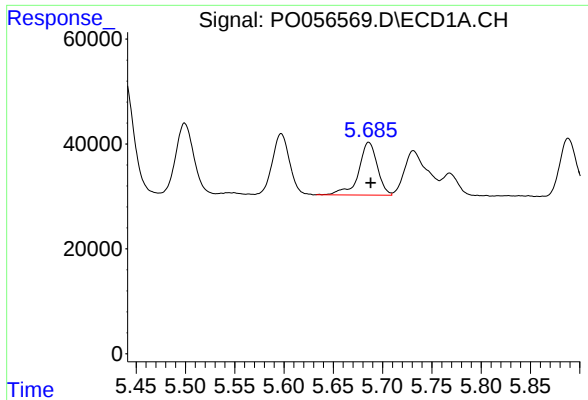
#21 AR-1248-1

R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 198233
Conc: 153.85 ng/ml



#21 AR-1248-1

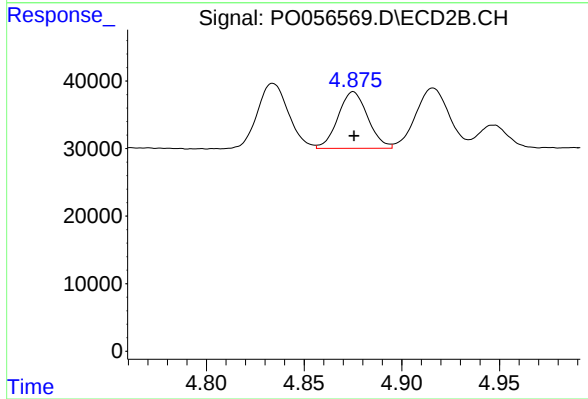
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 138485
Conc: 147.87 ng/ml



#22 AR-1248-2

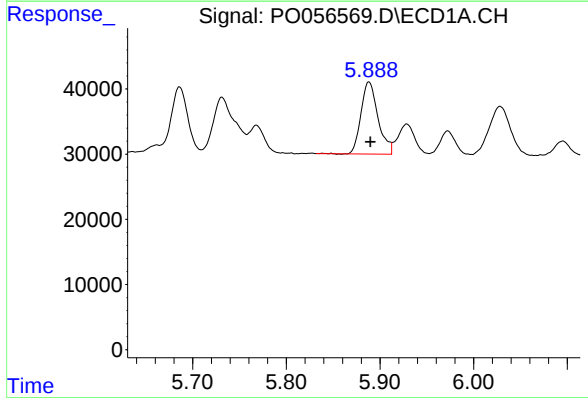
R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 132966
Conc: 71.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



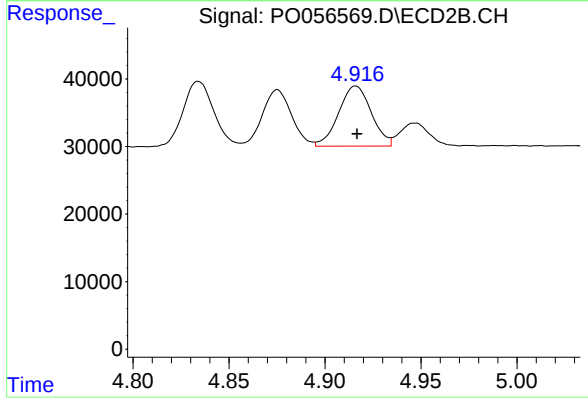
#22 AR-1248-2

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 89028
Conc: 70.08 ng/ml



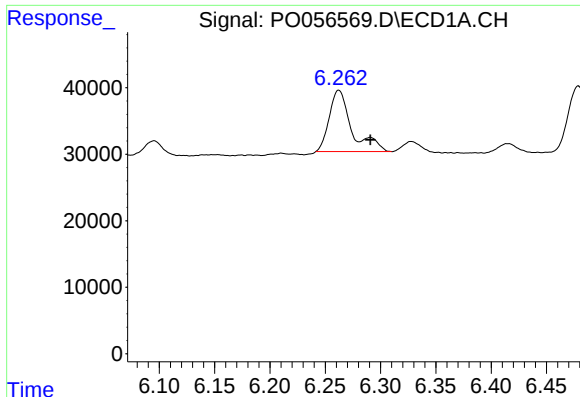
#23 AR-1248-3

R.T.: 5.888 min
Delta R.T.: -0.001 min
Response: 139801
Conc: 68.15 ng/ml



#23 AR-1248-3

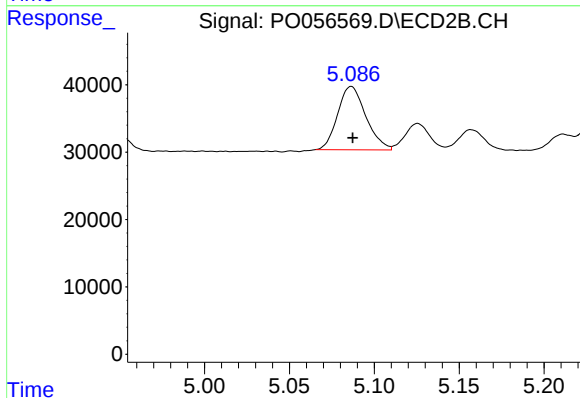
R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 105766
Conc: 80.99 ng/ml



#24 AR-1248-4

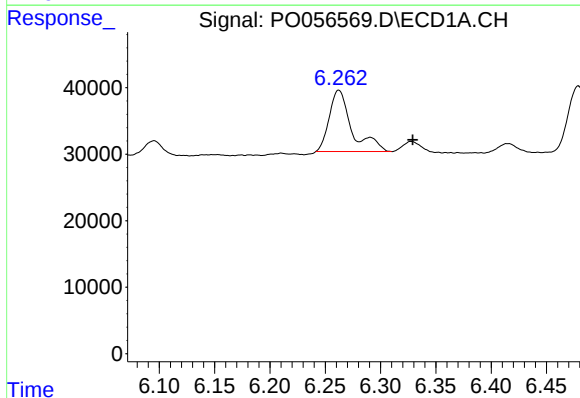
R.T.: 6.262 min
Delta R.T.: -0.029 min
Response: 129637
Conc: 56.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



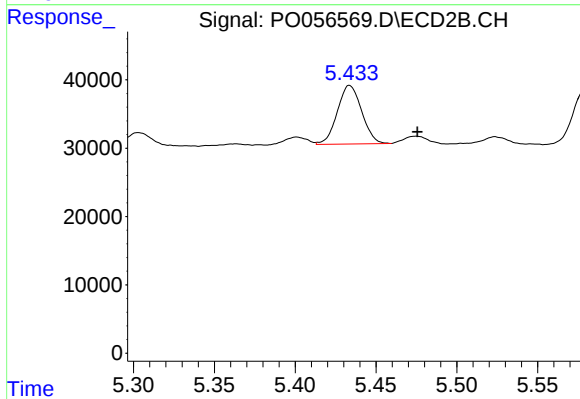
#24 AR-1248-4

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 108672
Conc: 68.62 ng/ml



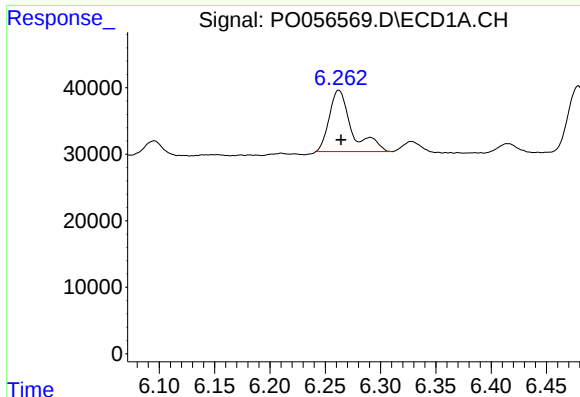
#25 AR-1248-5

R.T.: 6.262 min
Delta R.T.: -0.067 min
Response: 129637
Conc: 58.94 ng/ml



#25 AR-1248-5

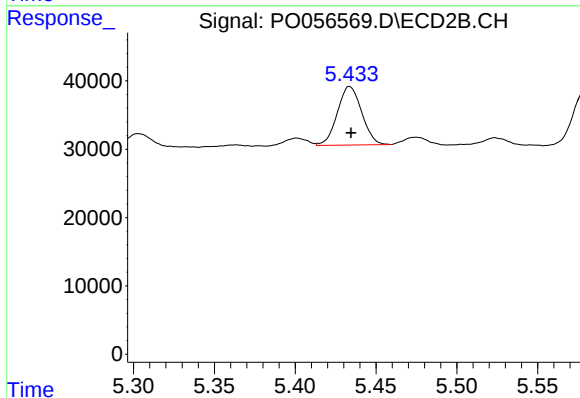
R.T.: 5.434 min
Delta R.T.: -0.042 min
Response: 90066
Conc: 54.42 ng/ml



#26 AR-1254-1

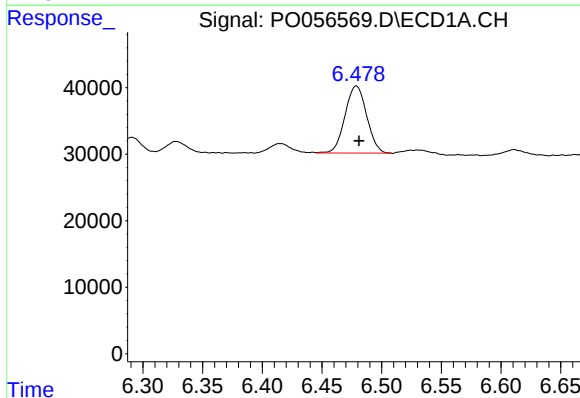
R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 129637
Conc: 47.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



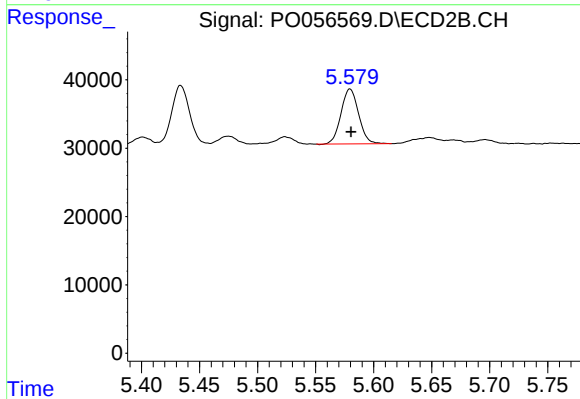
#26 AR-1254-1

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 90066
Conc: 34.05 ng/ml



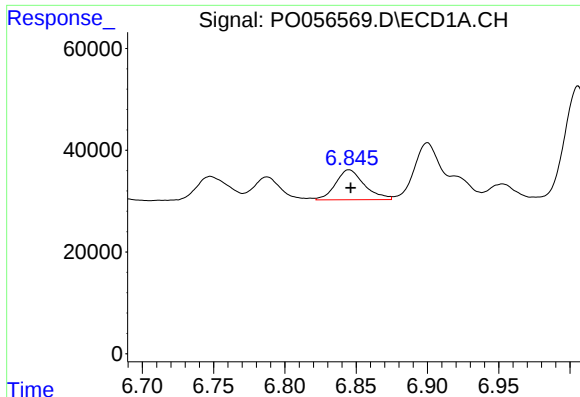
#27 AR-1254-2

R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 127793
Conc: 32.90 ng/ml



#27 AR-1254-2

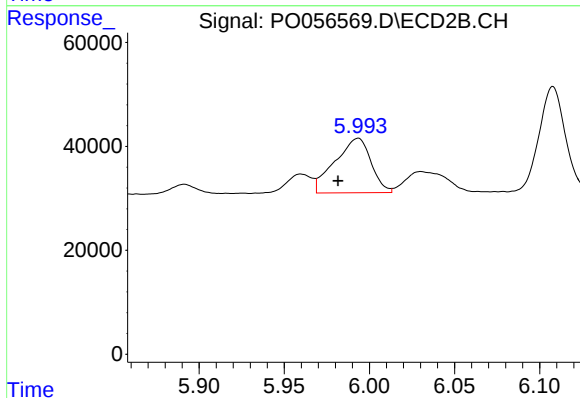
R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 84641
Conc: 39.26 ng/ml



#28 AR-1254-3

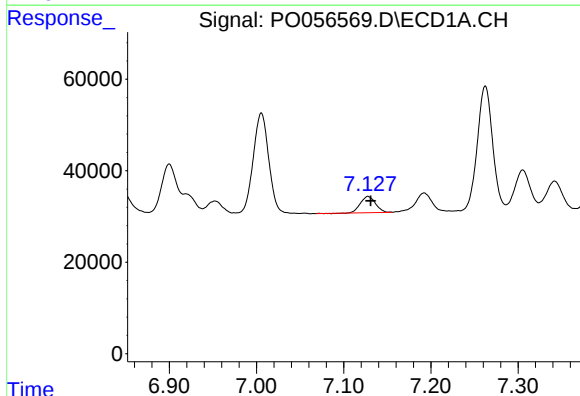
R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 82550
Conc: 20.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



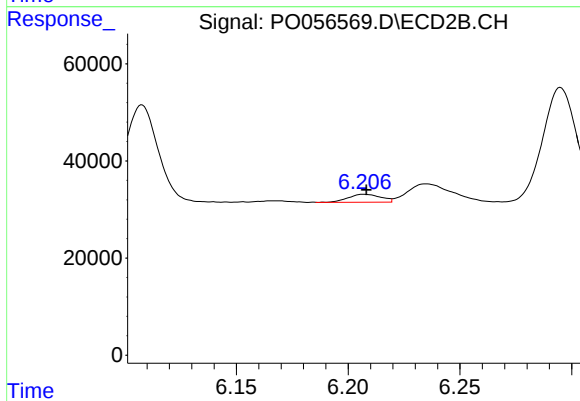
#28 AR-1254-3

R.T.: 5.993 min
Delta R.T.: 0.012 min
Response: 155106
Conc: 42.37 ng/ml



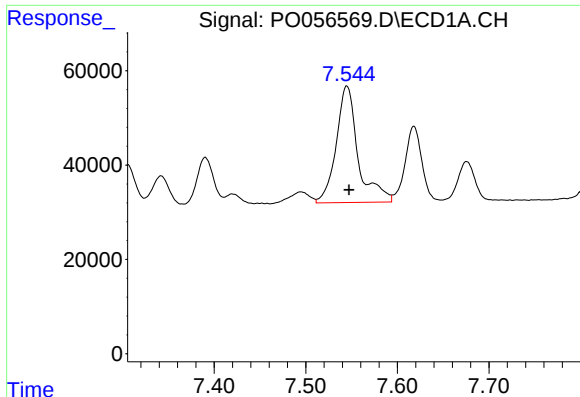
#29 AR-1254-4

R.T.: 7.128 min
Delta R.T.: -0.003 min
Response: 43158
Conc: 14.34 ng/ml



#29 AR-1254-4

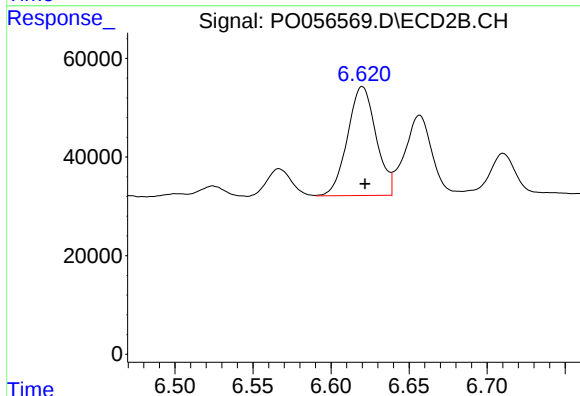
R.T.: 6.207 min
Delta R.T.: -0.001 min
Response: 16589
Conc: 7.55 ng/ml



#30 AR-1254-5

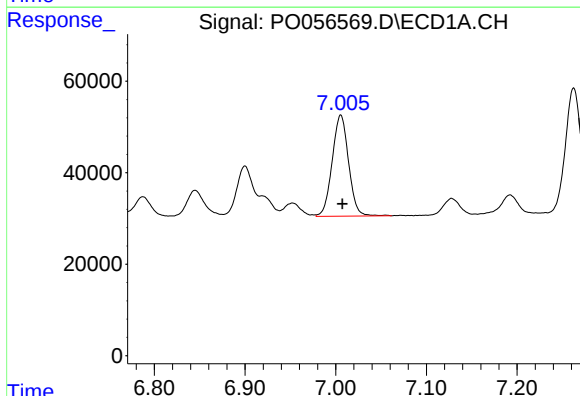
R.T.: 7.545 min
Delta R.T.: -0.002 min
Response: 410522
Conc: 109.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



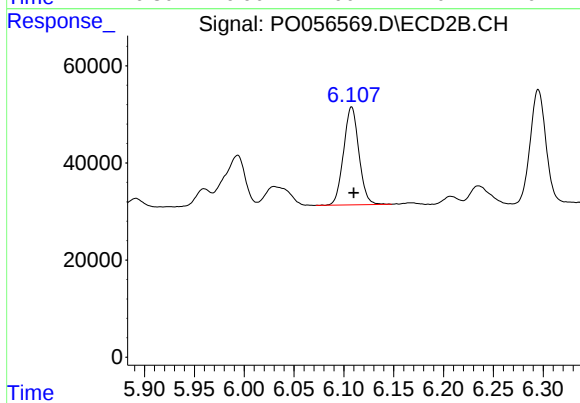
#30 AR-1254-5

R.T.: 6.620 min
Delta R.T.: -0.002 min
Response: 280602
Conc: 88.51 ng/ml



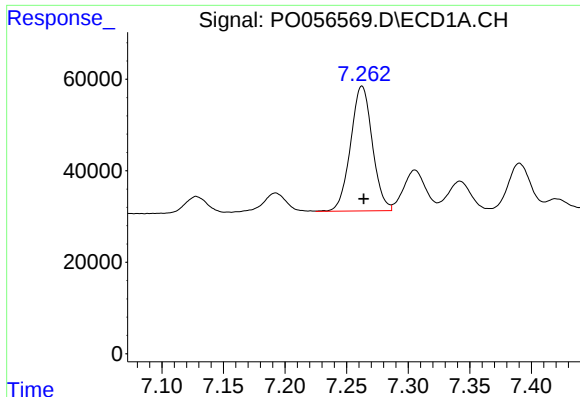
#31 AR-1260-1

R.T.: 7.006 min
Delta R.T.: -0.002 min
Response: 277342
Conc: 108.08 ng/ml



#31 AR-1260-1

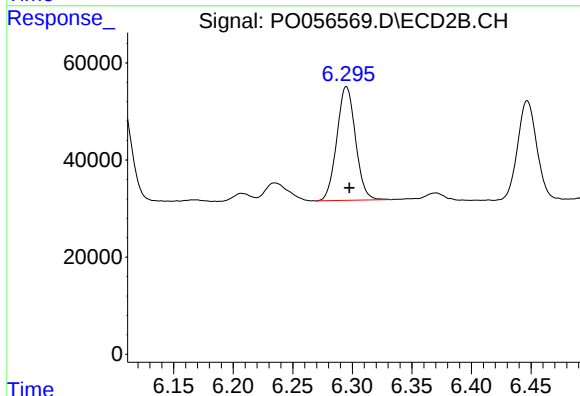
R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 215764
Conc: 107.86 ng/ml



#32 AR-1260-2

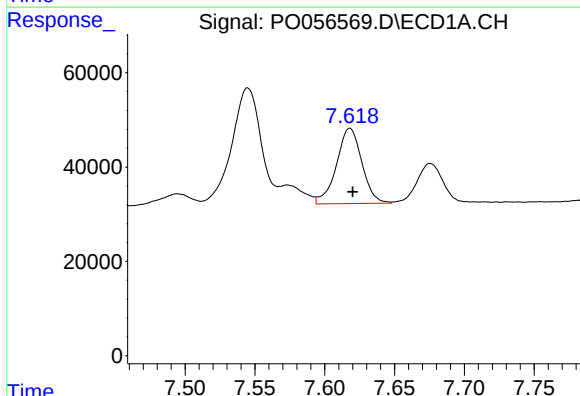
R.T.: 7.262 min
Delta R.T.: -0.001 min
Response: 335335
Conc: 110.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



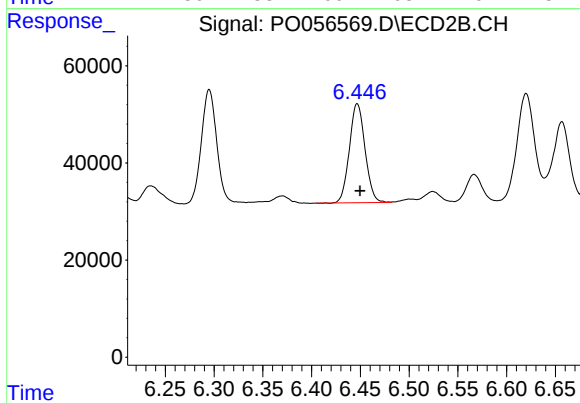
#32 AR-1260-2

R.T.: 6.295 min
Delta R.T.: -0.002 min
Response: 255719
Conc: 103.74 ng/ml



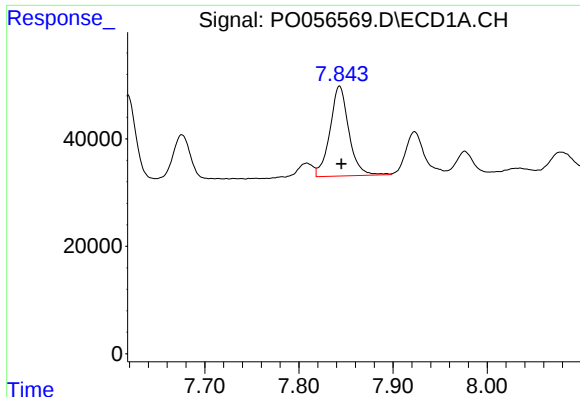
#33 AR-1260-3

R.T.: 7.618 min
Delta R.T.: -0.002 min
Response: 202312
Conc: 83.98 ng/ml



#33 AR-1260-3

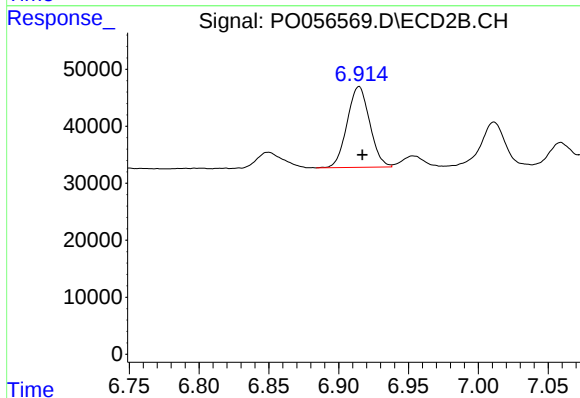
R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 228132
Conc: 101.70 ng/ml



#34 AR-1260-4

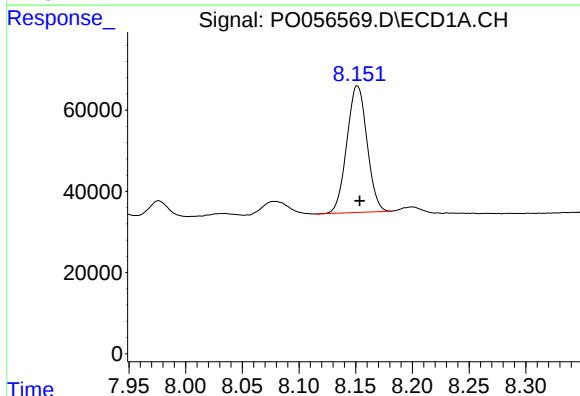
R.T.: 7.843 min
Delta R.T.: -0.002 min
Response: 233380
Conc: 89.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



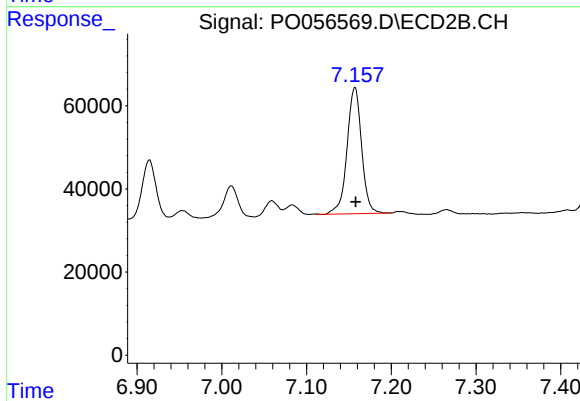
#34 AR-1260-4

R.T.: 6.915 min
Delta R.T.: -0.002 min
Response: 159152
Conc: 85.52 ng/ml



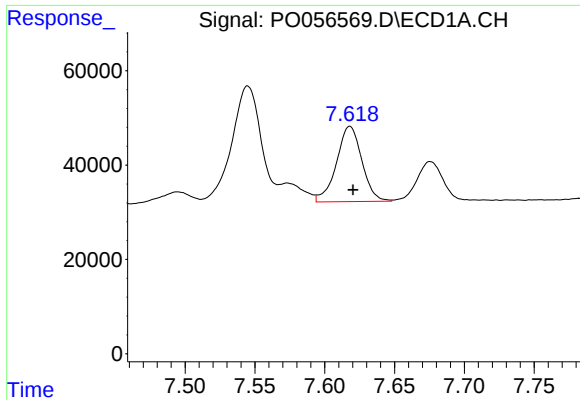
#35 AR-1260-5

R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 385933
Conc: 80.70 ng/ml



#35 AR-1260-5

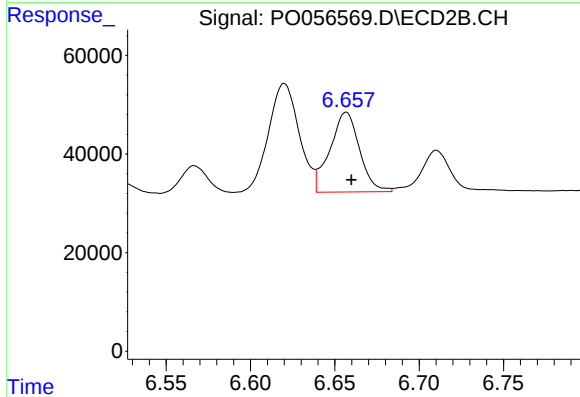
R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 363003
Conc: 84.18 ng/ml



#36 AR-1262-1

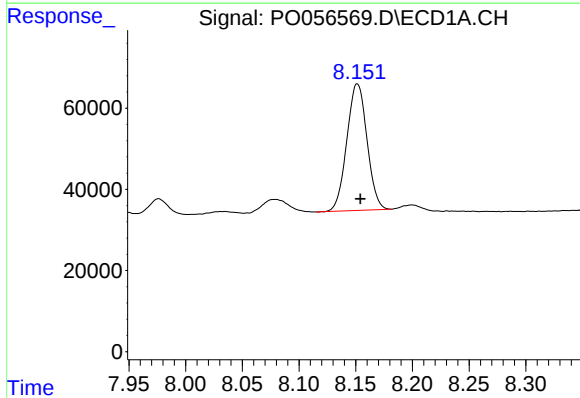
R.T.: 7.618 min
Delta R.T.: -0.002 min
Response: 202312
Conc: 43.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



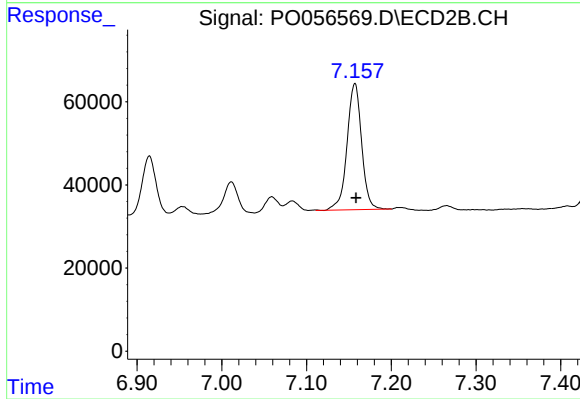
#36 AR-1262-1

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 197516
Conc: 47.32 ng/ml



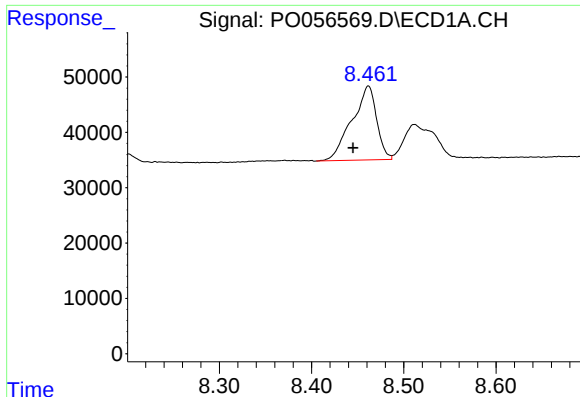
#37 AR-1262-2

R.T.: 8.152 min
Delta R.T.: -0.003 min
Response: 385933
Conc: 50.62 ng/ml



#37 AR-1262-2

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 363003
Conc: 52.83 ng/ml



#38 AR-1262-3

R.T.: 8.461 min
Delta R.T.: 0.016 min
Response: 249169
Conc: 47.61 ng/ml

Instrument :
ECD_O
ClientSampleId :

#38 AR-1262-3

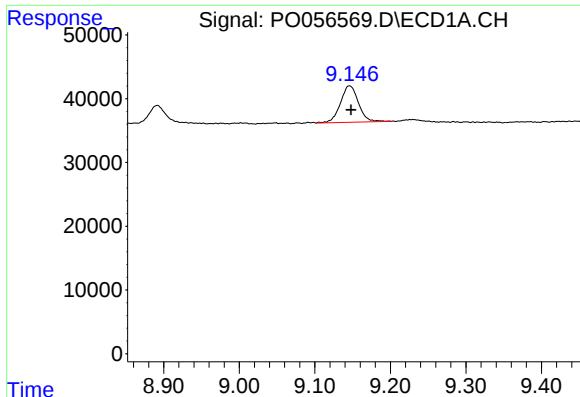
R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 78988
Conc: 26.74 ng/ml

#39 AR-1262-4

R.T.: 8.512 min
Delta R.T.: -0.018 min
Response: 144655
Conc: 33.88 ng/ml

#39 AR-1262-4

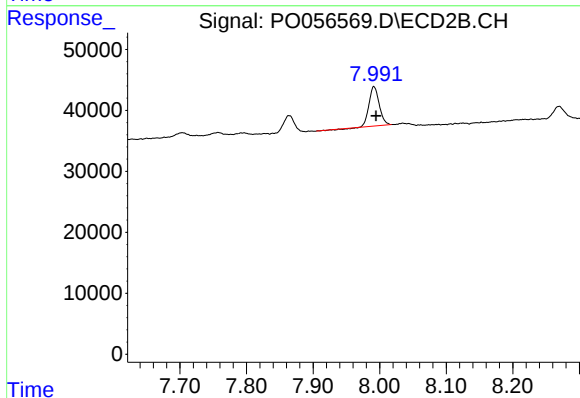
R.T.: 7.499 min
Delta R.T.: -0.004 min
Response: 262230
Conc: 50.33 ng/ml



#40 AR-1262-5

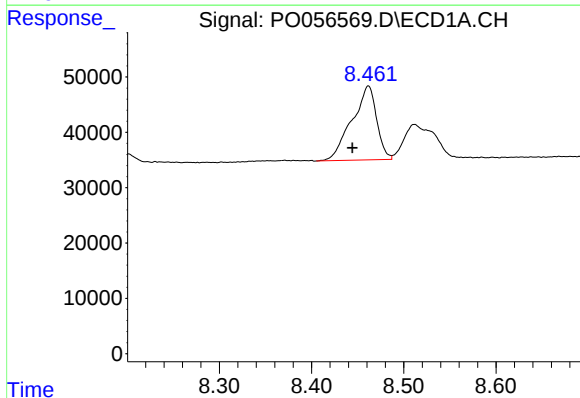
R.T.: 9.146 min
Delta R.T.: -0.002 min
Response: 94780
Conc: 34.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



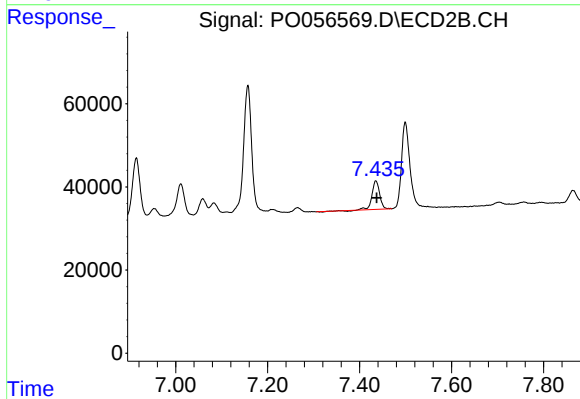
#40 AR-1262-5

R.T.: 7.991 min
Delta R.T.: -0.003 min
Response: 67945
Conc: 29.26 ng/ml



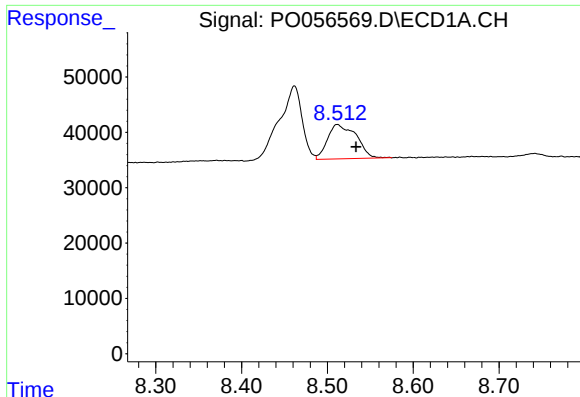
#41 AR-1268-1

R.T.: 8.461 min
Delta R.T.: 0.017 min
Response: 249169
Conc: 30.62 ng/ml



#41 AR-1268-1

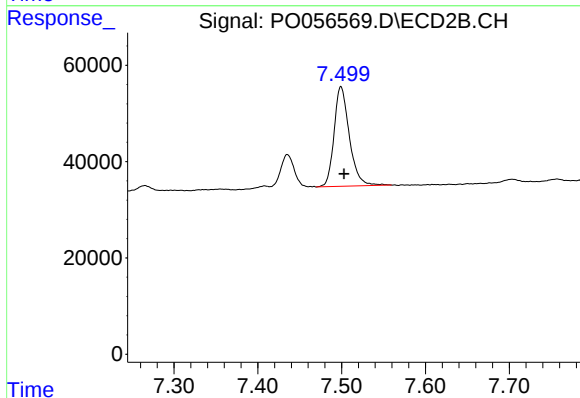
R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 78988
Conc: 10.58 ng/ml



#42 AR-1268-2

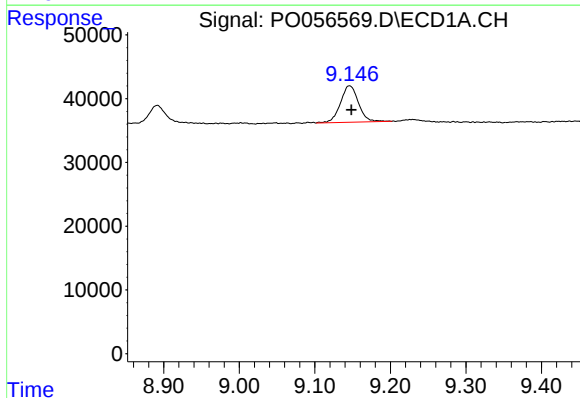
R.T.: 8.512 min
Delta R.T.: -0.021 min
Response: 144655
Conc: 17.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



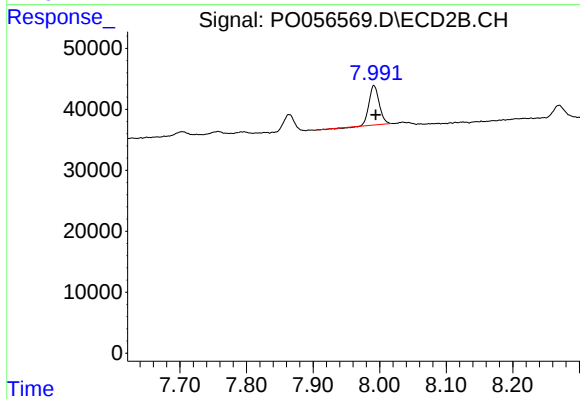
#42 AR-1268-2

R.T.: 7.499 min
Delta R.T.: -0.004 min
Response: 262230
Conc: 37.55 ng/ml



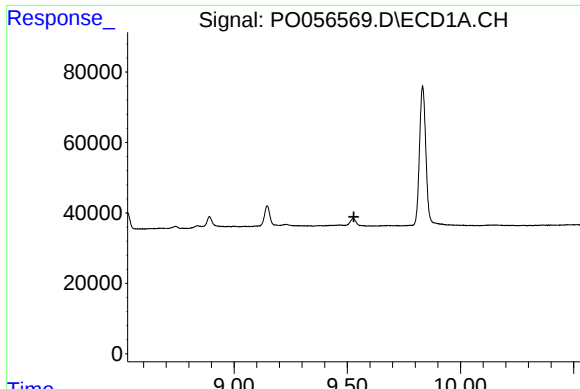
#44 AR-1268-4

R.T.: 9.146 min
Delta R.T.: -0.002 min
Response: 94780
Conc: 34.76 ng/ml



#44 AR-1268-4

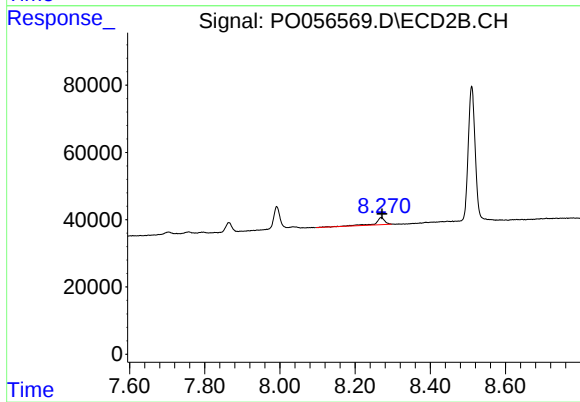
R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 67945
Conc: 29.11 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: -0.002 min
Response: 37750
Conc: 2.18 ng/ml