

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101619\
 Data File : PO062071.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Oct 2019 20:42
 Operator : HP/AJ
 Sample : K5394-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 01:07:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 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...	4.324	3.484	1376376	1035992	22.254	24.159
2)	SA Decachlor...	9.961	8.341	1182174	581567	21.128	19.821
Target Compounds							
3)	L1 AR-1016-1	5.425	4.553	642485	190773	271.469	121.966 #
4)	L1 AR-1016-2	0.000	4.553	0	190773	N.D.	82.021 #
5)	L1 AR-1016-3	5.638	4.714	478571	78878	231.259	63.814 #
6)	L1 AR-1016-4	5.691	4.714	137262	78878	80.985	80.266
9)	L2 AR-1221-2	0.000	3.826	0	38544	N.D.	100.309 #
10)	L2 AR-1221-3	0.000	3.826	0	38544	N.D.	32.753 #
11)	L3 AR-1232-1	0.000	3.826	0	38544	N.D.	24.875 #
12)	L3 AR-1232-2	5.182	4.553	40871	190773	34.256	110.500 #
13)	L3 AR-1232-3	0.000	4.714	0	78878	N.D.	86.296 #
14)	L3 AR-1232-4	5.691	4.819	137262	185996	106.779	228.631 #
15)	L3 AR-1232-5	5.758	4.968	54557	31638	55.123	35.824 #
16)	L4 AR-1242-1	5.425	4.553	642485	190773	346.727	158.627 #
17)	L4 AR-1242-2	0.000	4.553	0	190773	N.D.	107.101 #
18)	L4 AR-1242-3	5.638	4.714	478571	78878	293.040	82.852 #
19)	L4 AR-1242-4	5.691	4.819	137262	185996	101.679	197.023 #
20)	L4 AR-1242-5	6.384	5.312	732647	505727	479.344	423.814
21)	L5 AR-1248-1	5.425	4.553	642485	190773	448.274	194.319 #
22)	L5 AR-1248-2	5.758	4.714	54557	78878	27.249	62.260 #
23)	L5 AR-1248-3	5.966	4.819	-72693	185996	N.D.	140.115 #
24)	L5 AR-1248-4	6.346	4.968	717526	31638	280.869	19.994 #
25)	L5 AR-1248-5	6.384	5.349	732647	78653	299.634	51.106 #
26)	L6 AR-1254-1	6.346	5.312	717526	505727	269.178	206.774
27)	L6 AR-1254-2	6.562	5.449	595159	128666	145.570	60.753 #
28)	L6 AR-1254-3	6.926	5.860	379628	209289	90.731	64.235 #
29)	L6 AR-1254-4	7.202	6.073	123074	81527	40.843	42.211
30)	L6 AR-1254-5	7.619	6.477	381849	360605	121.845	136.531
31)	L7 AR-1260-1	7.079	5.971	282948	175872	99.380	82.773
32)	L7 AR-1260-2	7.334	6.156	696034	250583	202.893	98.747 #
33)	L7 AR-1260-3	7.694	6.305	234954	164047	88.792	72.648
34)	L7 AR-1260-4	7.918	6.769	278714	142141	99.646	80.953
35)	L7 AR-1260-5	8.230	7.010	470220	321802	89.812	89.329
36)	L8 AR-1262-1	7.694	6.567	234954	85023	57.238	71.342
37)	L8 AR-1262-2	8.230	7.010	470220	321802	72.924	76.587
38)	L8 AR-1262-3	8.546	7.287	345016	65668	78.460	37.337 #
39)	L8 AR-1262-4	8.617	7.349	88309	235122	25.560	76.910 #
40)	L8 AR-1262-5	9.249	7.840	157988	78735	69.947	60.286
41)	L9 AR-1268-1	8.546	7.287	345016	65668	45.577	14.023 #
42)	L9 AR-1268-2	8.617	7.349	88309	235122	12.571	56.280 #
44)	L9 AR-1268-4	9.249	7.840	157988	78735	66.493	55.257

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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
45) L9	AR-1268-5	0.000	8.111	0	33514	N.D.	3.620 #

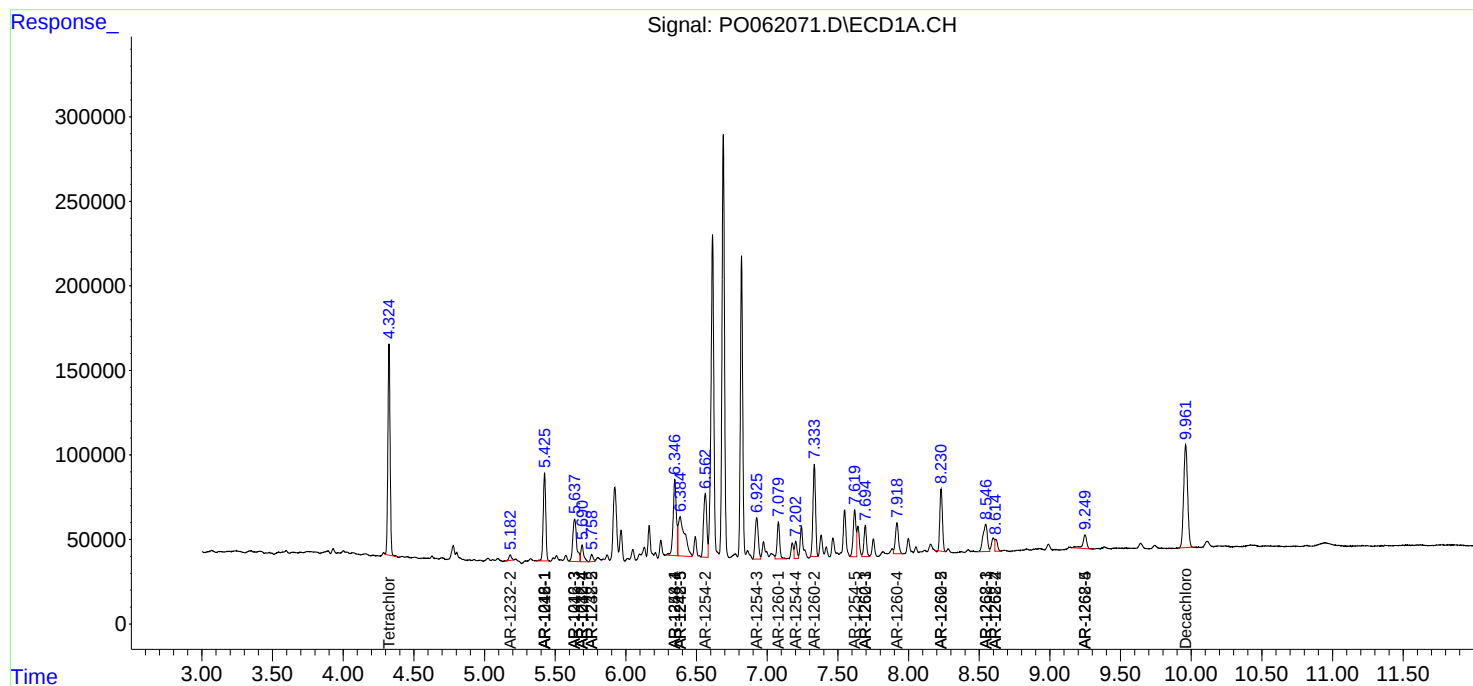
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

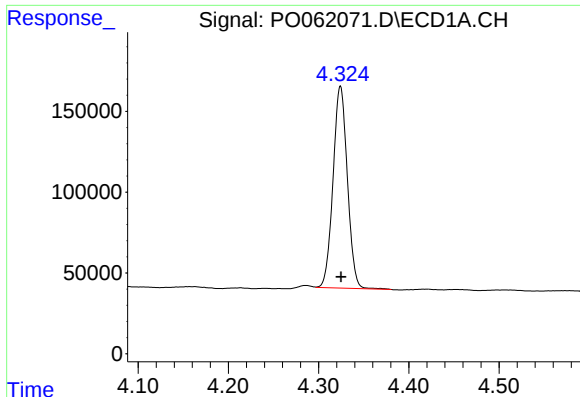
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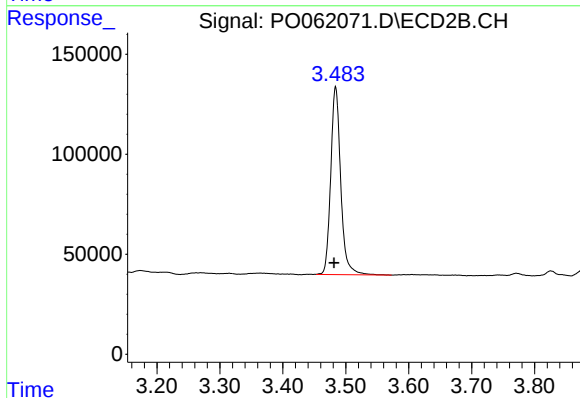




#1 Tetrachloro-m-xylene

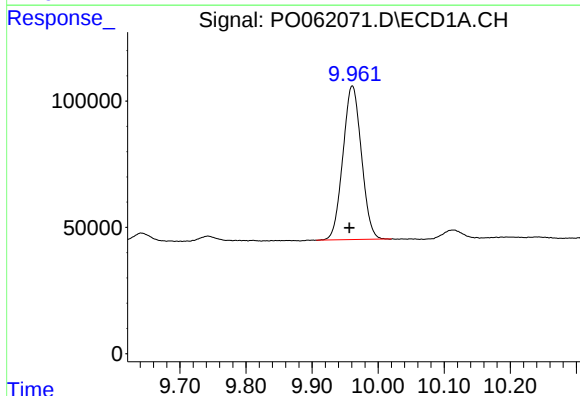
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 1376376
Conc: 22.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



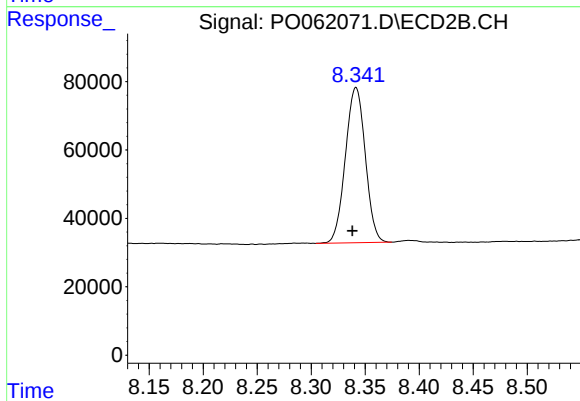
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: 0.003 min
Response: 1035992
Conc: 24.16 ng/ml



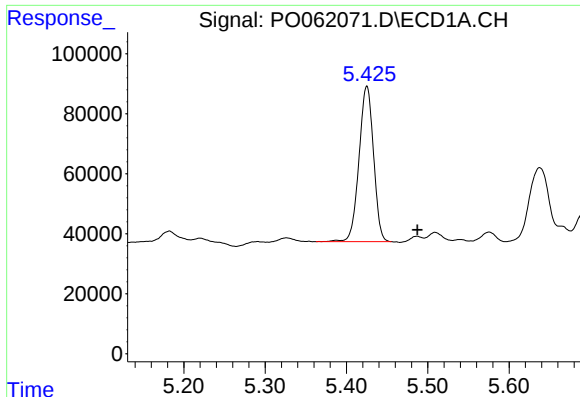
#2 Decachlorobiphenyl

R.T.: 9.961 min
Delta R.T.: 0.004 min
Response: 1182174
Conc: 21.13 ng/ml



#2 Decachlorobiphenyl

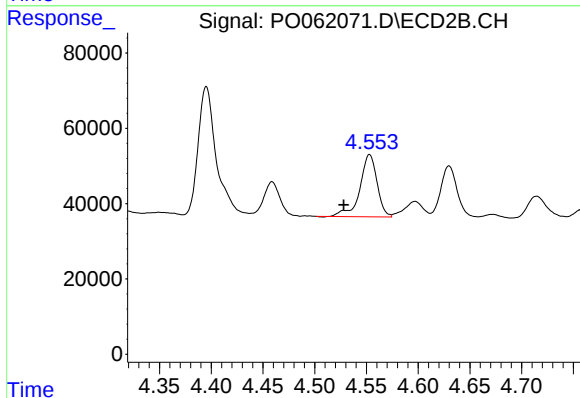
R.T.: 8.341 min
Delta R.T.: 0.004 min
Response: 581567
Conc: 19.82 ng/ml



#3 AR-1016-1

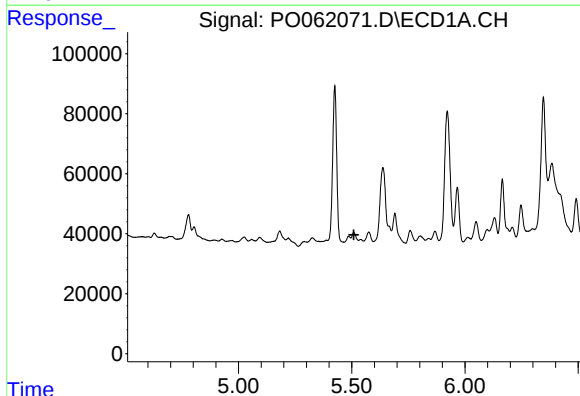
R.T.: 5.425 min
Delta R.T.: -0.062 min
Response: 642485
Conc: 271.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



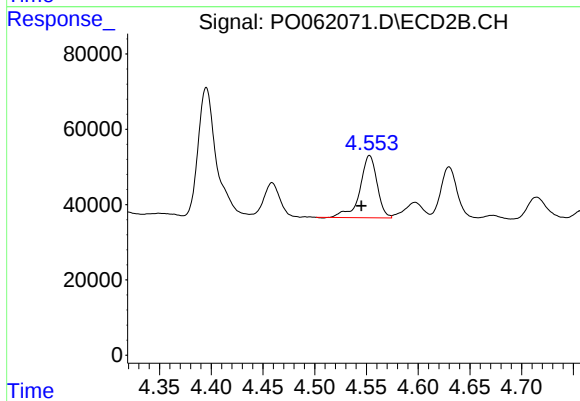
#3 AR-1016-1

R.T.: 4.553 min
Delta R.T.: 0.025 min
Response: 190773
Conc: 121.97 ng/ml



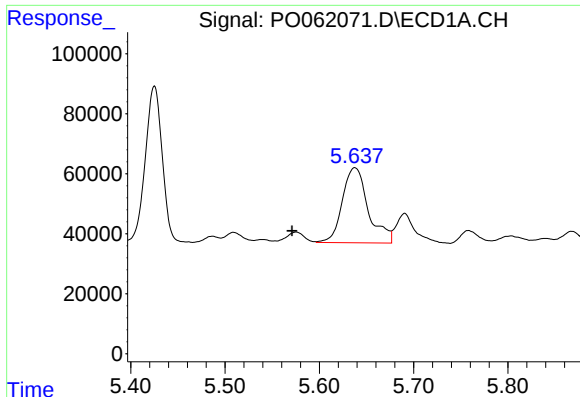
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.509 min
Response: 0
Conc: N.D.



#4 AR-1016-2

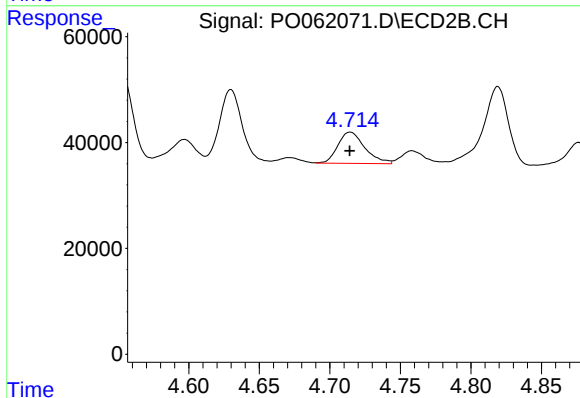
R.T.: 4.553 min
Delta R.T.: 0.008 min
Response: 190773
Conc: 82.02 ng/ml



#5 AR-1016-3

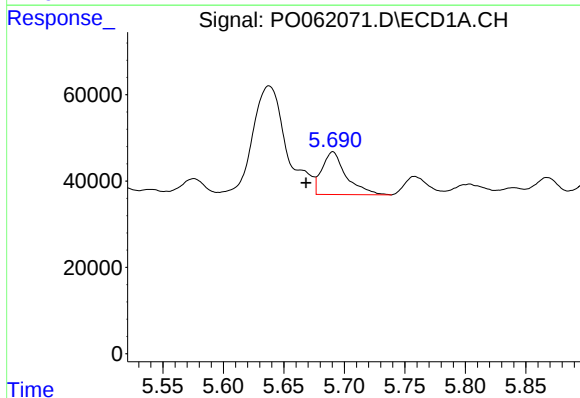
R.T.: 5.638 min
Delta R.T.: 0.067 min
Response: 478571
Conc: 231.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



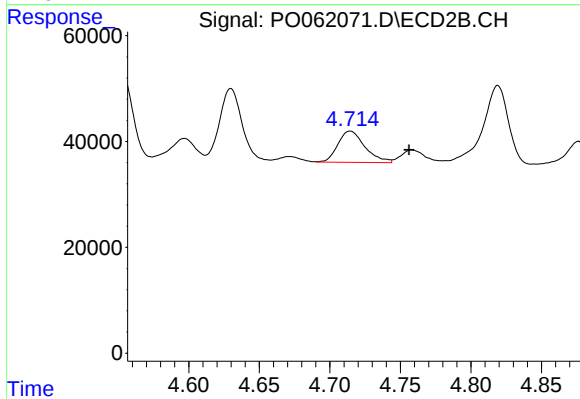
#5 AR-1016-3

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 78878
Conc: 63.81 ng/ml



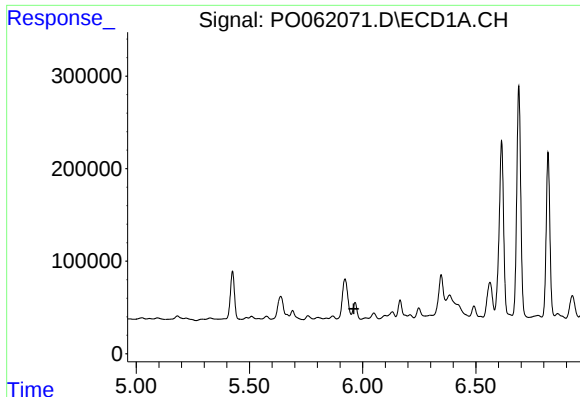
#6 AR-1016-4

R.T.: 5.691 min
Delta R.T.: 0.022 min
Response: 137262
Conc: 80.99 ng/ml



#6 AR-1016-4

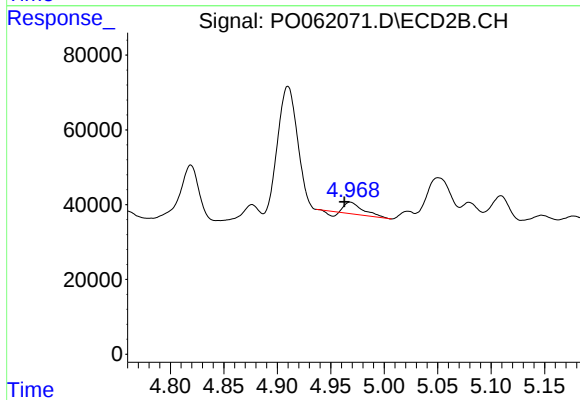
R.T.: 4.714 min
Delta R.T.: -0.042 min
Response: 78878
Conc: 80.27 ng/ml



#7 AR-1016-5

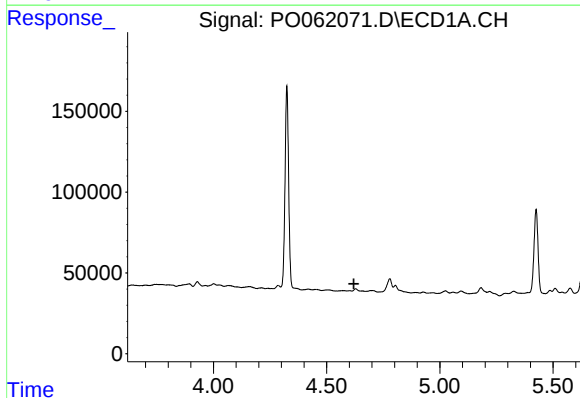
R.T.: 5.966 min
Delta R.T.: 0.005 min
Response: -72693
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



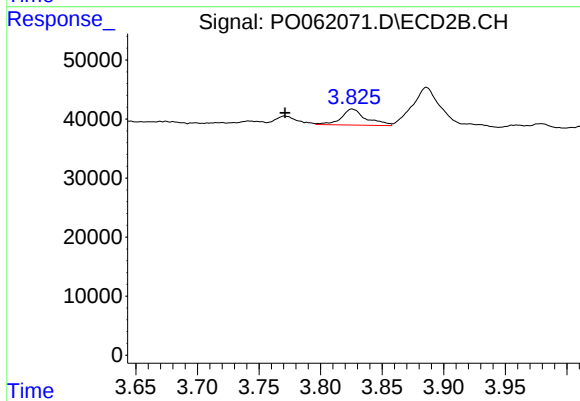
#7 AR-1016-5

R.T.: 4.968 min
Delta R.T.: 0.006 min
Response: 31638
Conc: 24.53 ng/ml



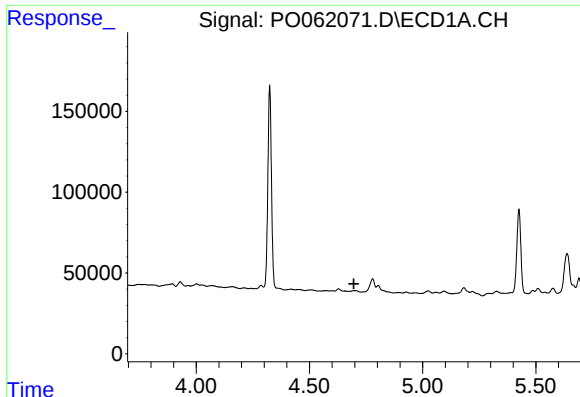
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.620 min
Response: 0
Conc: N.D.



#9 AR-1221-2

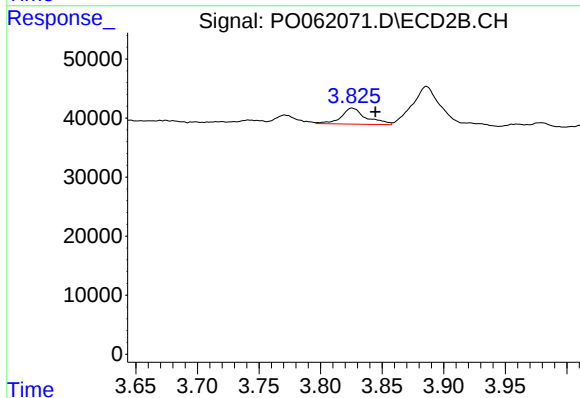
R.T.: 3.826 min
Delta R.T.: 0.055 min
Response: 38544
Conc: 100.31 ng/ml



#10 AR-1221-3

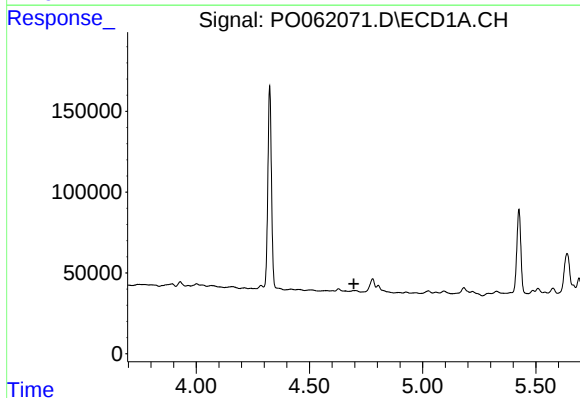
R.T.: 0.000 min
Exp R.T. : 4.696 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



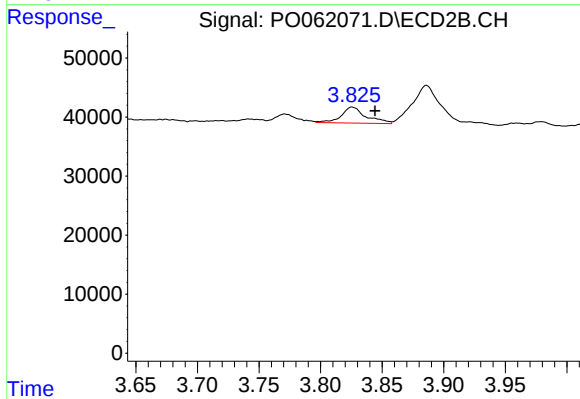
#10 AR-1221-3

R.T.: 3.826 min
Delta R.T.: -0.019 min
Response: 38544
Conc: 32.75 ng/ml



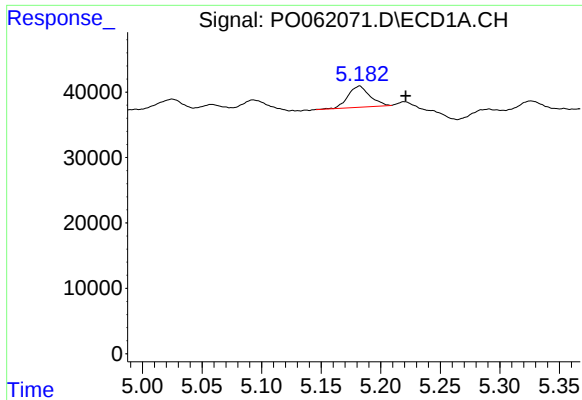
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.696 min
Response: 0
Conc: N.D.



#11 AR-1232-1

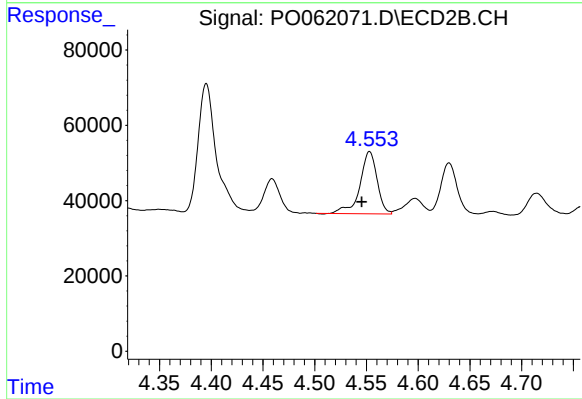
R.T.: 3.826 min
Delta R.T.: -0.019 min
Response: 38544
Conc: 24.87 ng/ml



#12 AR-1232-2

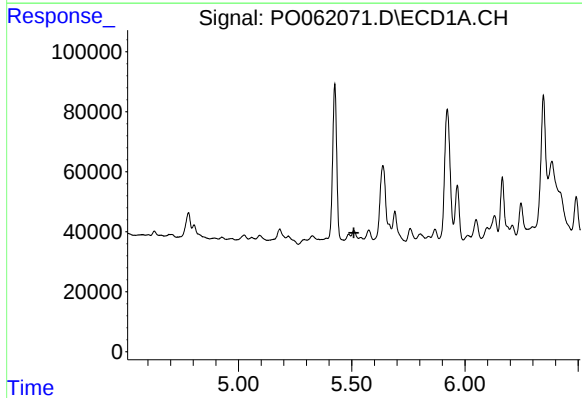
R.T.: 5.182 min
Delta R.T.: -0.039 min
Response: 40871
Conc: 34.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



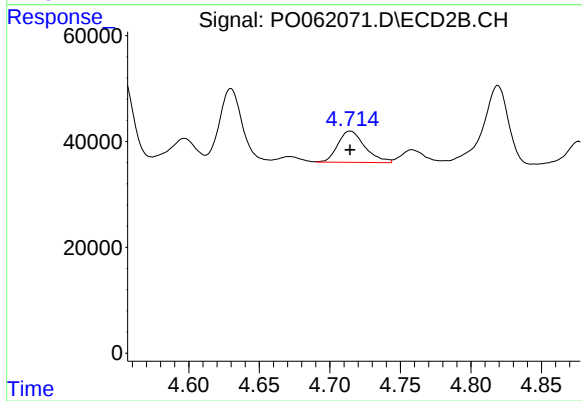
#12 AR-1232-2

R.T.: 4.553 min
Delta R.T.: 0.008 min
Response: 190773
Conc: 110.50 ng/ml



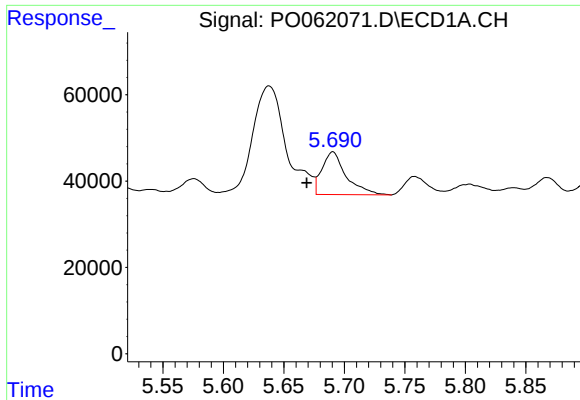
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.509 min
Response: 0
Conc: N.D.



#13 AR-1232-3

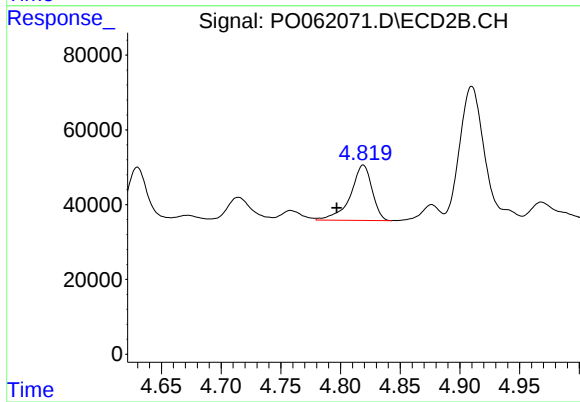
R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 78878
Conc: 86.30 ng/ml



#14 AR-1232-4

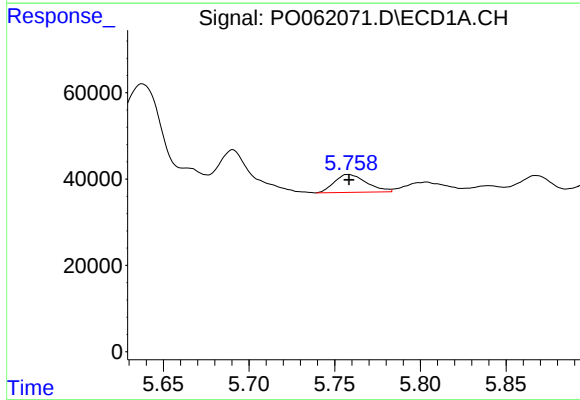
R.T.: 5.691 min
Delta R.T.: 0.022 min
Response: 137262
Conc: 106.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



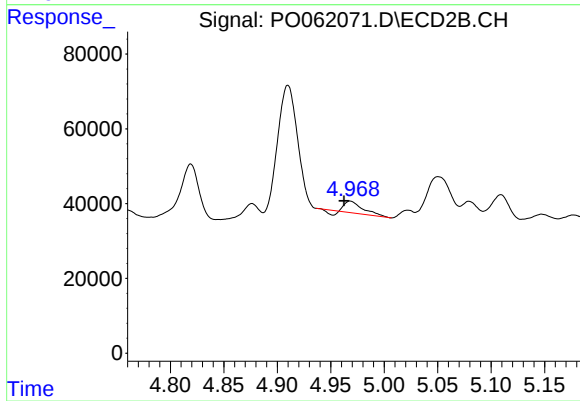
#14 AR-1232-4

R.T.: 4.819 min
Delta R.T.: 0.022 min
Response: 185996
Conc: 228.63 ng/ml



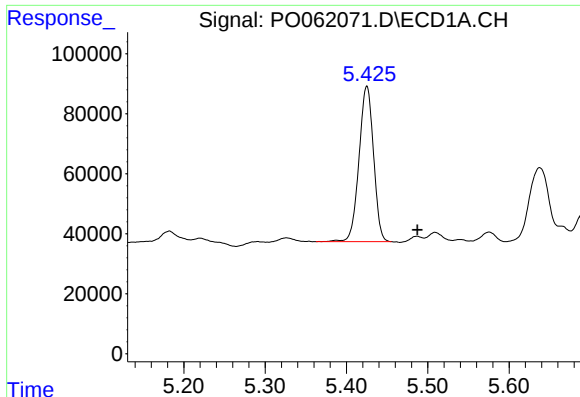
#15 AR-1232-5

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 54557
Conc: 55.12 ng/ml



#15 AR-1232-5

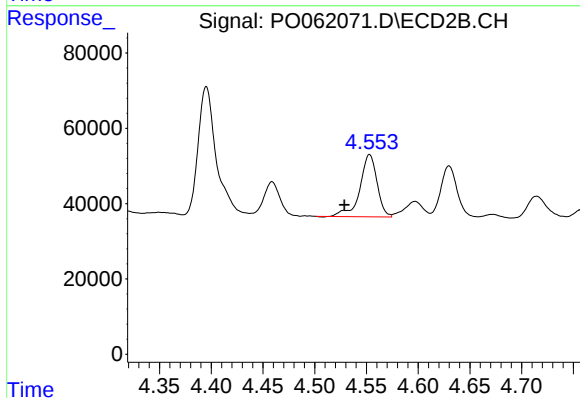
R.T.: 4.968 min
Delta R.T.: 0.006 min
Response: 31638
Conc: 35.82 ng/ml



#16 AR-1242-1

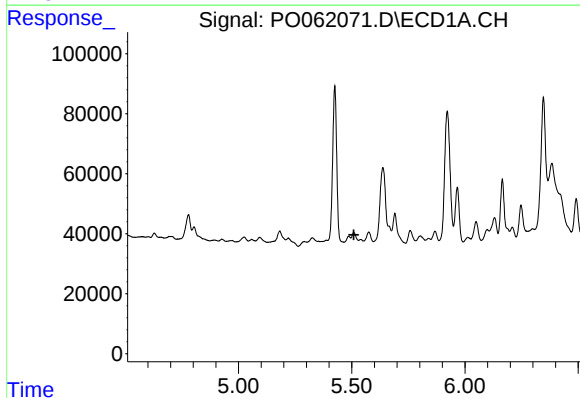
R.T.: 5.425 min
Delta R.T.: -0.062 min
Response: 642485
Conc: 346.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



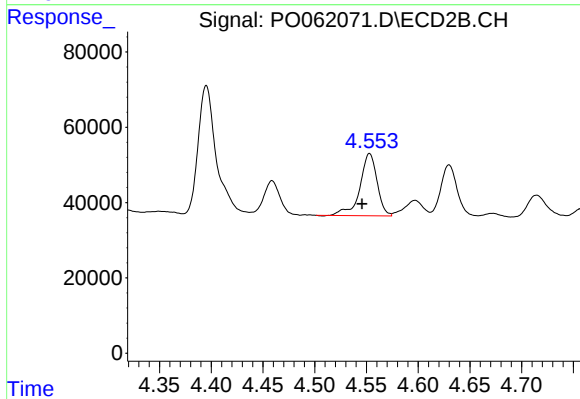
#16 AR-1242-1

R.T.: 4.553 min
Delta R.T.: 0.024 min
Response: 190773
Conc: 158.63 ng/ml



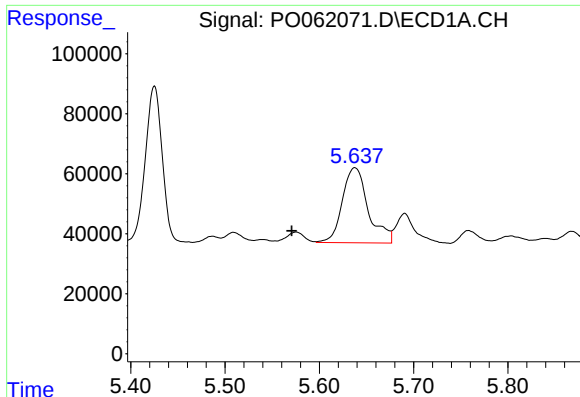
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.509 min
Response: 0
Conc: N.D.



#17 AR-1242-2

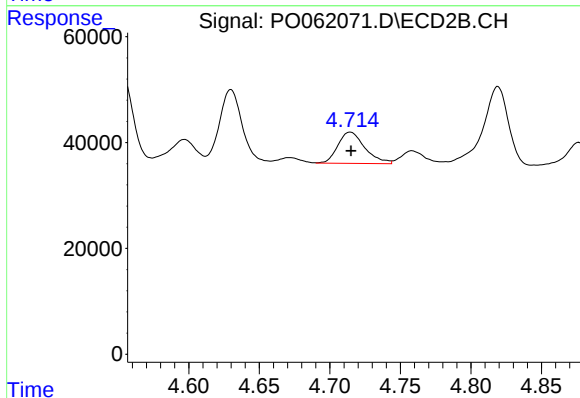
R.T.: 4.553 min
Delta R.T.: 0.007 min
Response: 190773
Conc: 107.10 ng/ml



#18 AR-1242-3

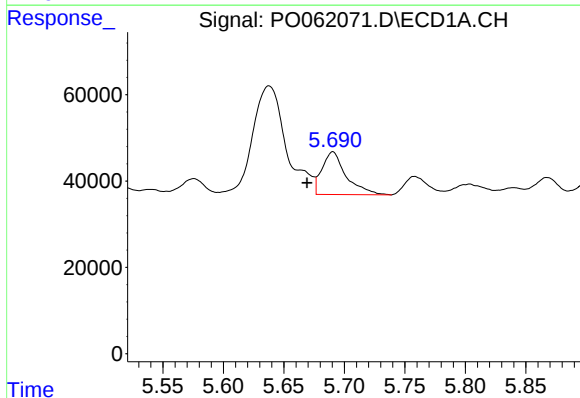
R.T.: 5.638 min
Delta R.T.: 0.067 min
Response: 478571
Conc: 293.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



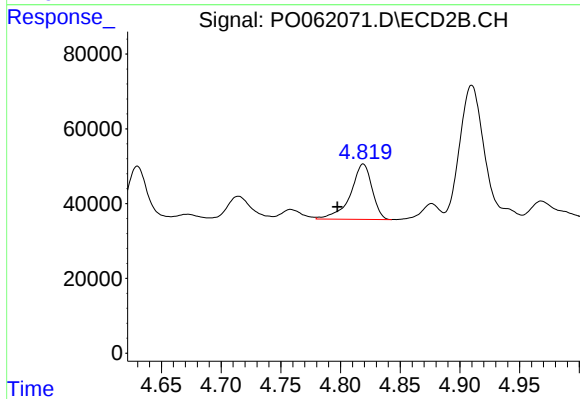
#18 AR-1242-3

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 78878
Conc: 82.85 ng/ml



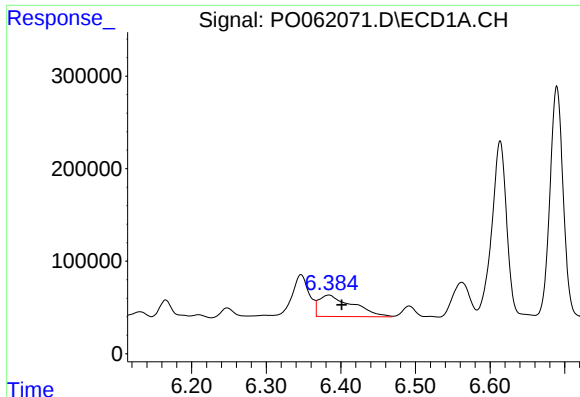
#19 AR-1242-4

R.T.: 5.691 min
Delta R.T.: 0.021 min
Response: 137262
Conc: 101.68 ng/ml



#19 AR-1242-4

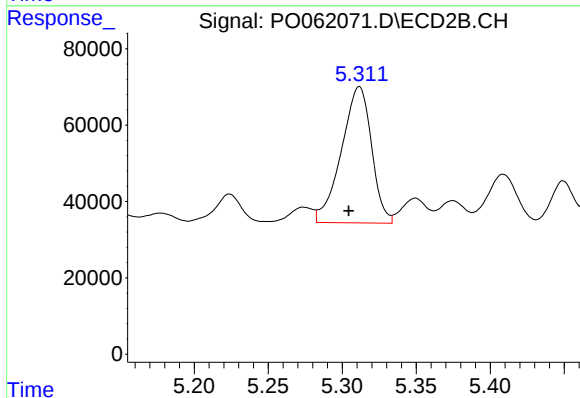
R.T.: 4.819 min
Delta R.T.: 0.022 min
Response: 185996
Conc: 197.02 ng/ml



#20 AR-1242-5

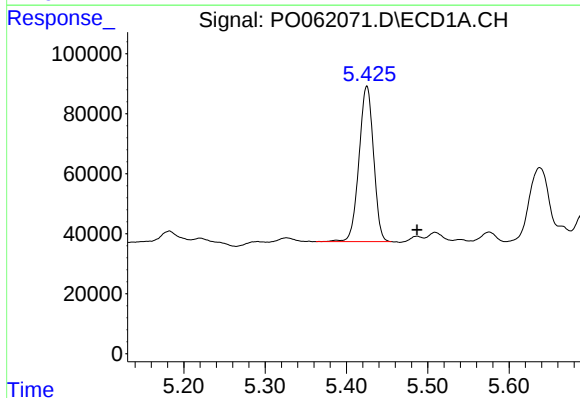
R.T.: 6.384 min
Delta R.T.: -0.017 min
Response: 732647
Conc: 479.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



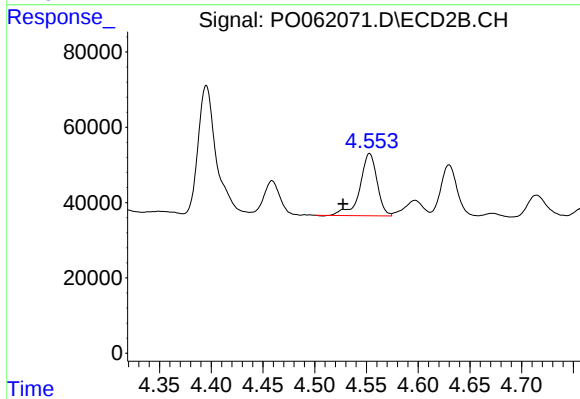
#20 AR-1242-5

R.T.: 5.312 min
Delta R.T.: 0.007 min
Response: 505727
Conc: 423.81 ng/ml



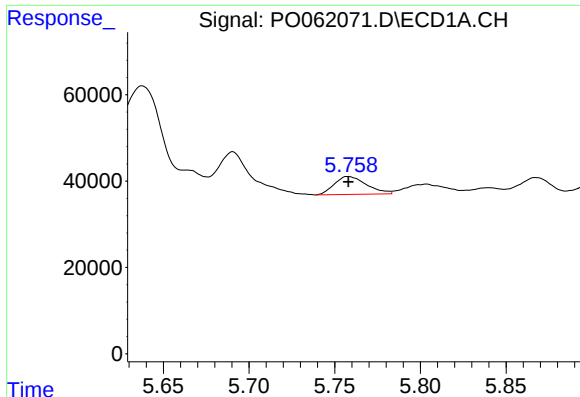
#21 AR-1248-1

R.T.: 5.425 min
Delta R.T.: -0.062 min
Response: 642485
Conc: 448.27 ng/ml



#21 AR-1248-1

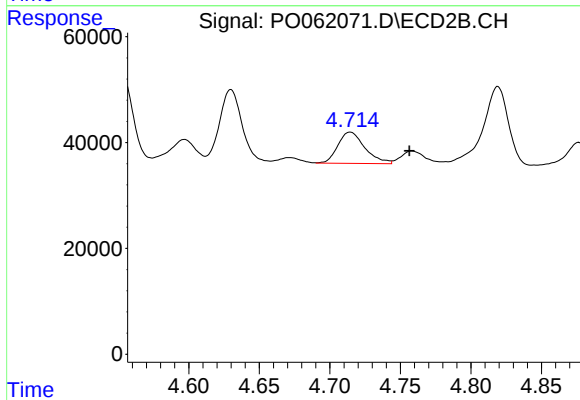
R.T.: 4.553 min
Delta R.T.: 0.026 min
Response: 190773
Conc: 194.32 ng/ml



#22 AR-1248-2

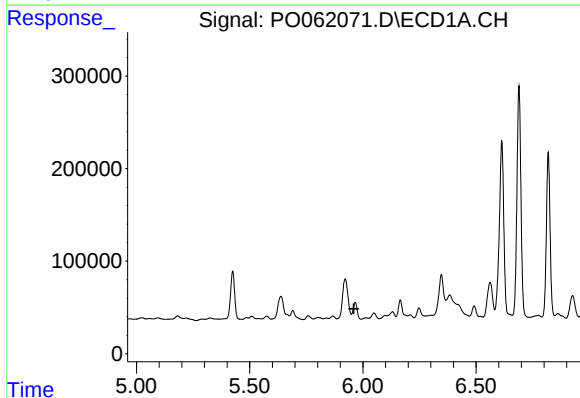
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 54557
Conc: 27.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



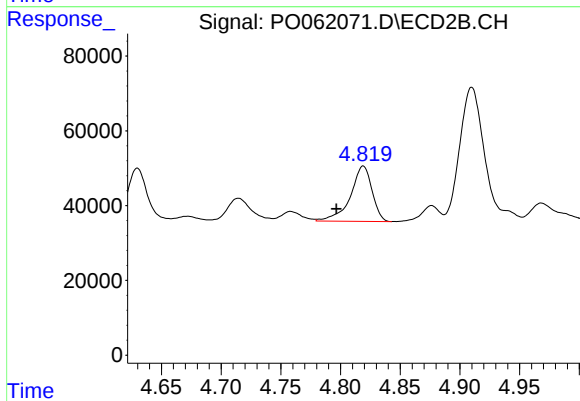
#22 AR-1248-2

R.T.: 4.714 min
Delta R.T.: -0.042 min
Response: 78878
Conc: 62.26 ng/ml



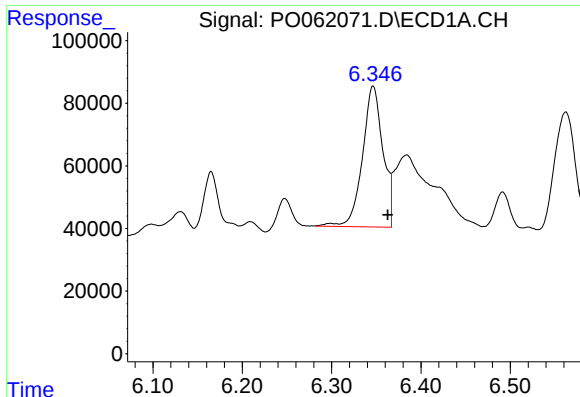
#23 AR-1248-3

R.T.: 5.966 min
Delta R.T.: 0.006 min
Response: -72693
Conc: N.D.



#23 AR-1248-3

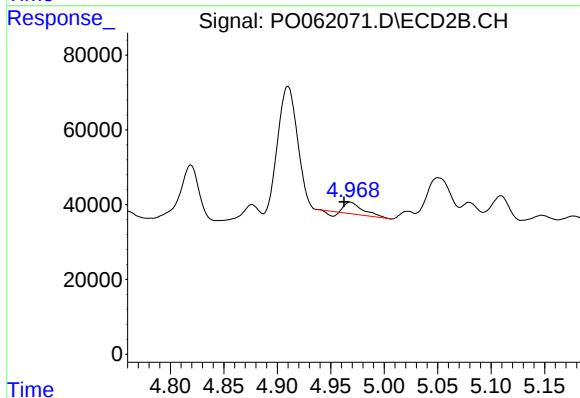
R.T.: 4.819 min
Delta R.T.: 0.023 min
Response: 185996
Conc: 140.12 ng/ml



#24 AR-1248-4

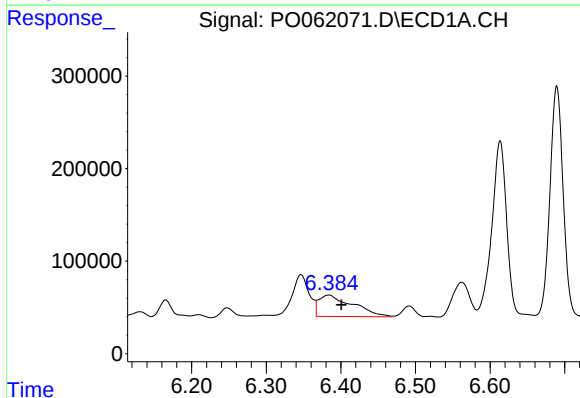
R.T.: 6.346 min
Delta R.T.: -0.016 min
Response: 717526
Conc: 280.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



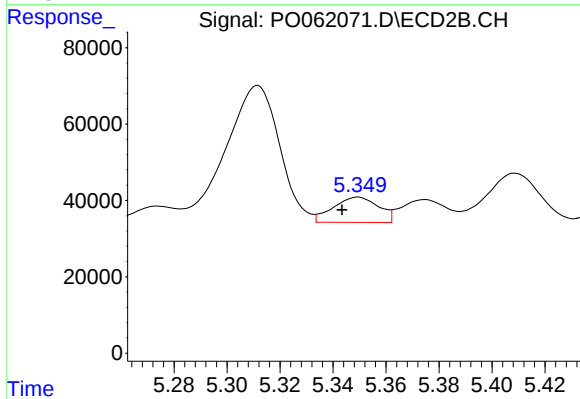
#24 AR-1248-4

R.T.: 4.968 min
Delta R.T.: 0.006 min
Response: 31638
Conc: 19.99 ng/ml



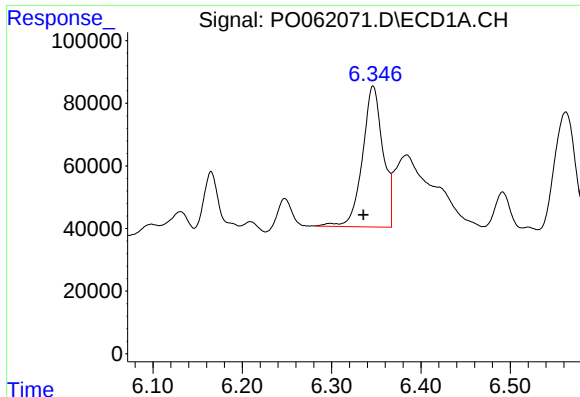
#25 AR-1248-5

R.T.: 6.384 min
Delta R.T.: -0.017 min
Response: 732647
Conc: 299.63 ng/ml



#25 AR-1248-5

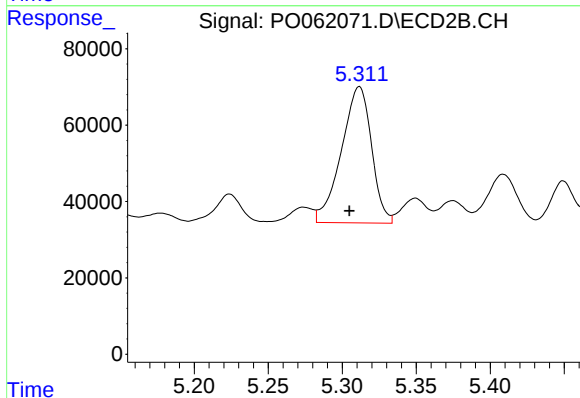
R.T.: 5.349 min
Delta R.T.: 0.006 min
Response: 78653
Conc: 51.11 ng/ml



#26 AR-1254-1

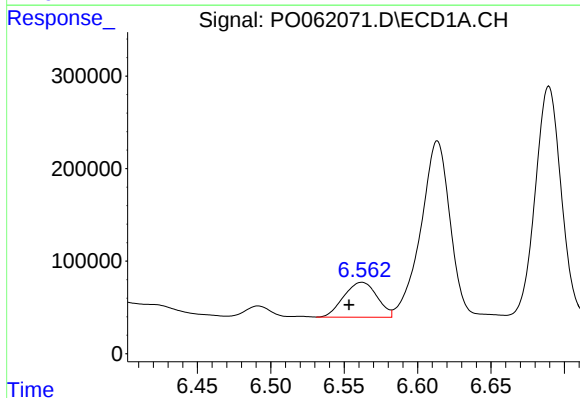
R.T.: 6.346 min
Delta R.T.: 0.011 min
Response: 717526
Conc: 269.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



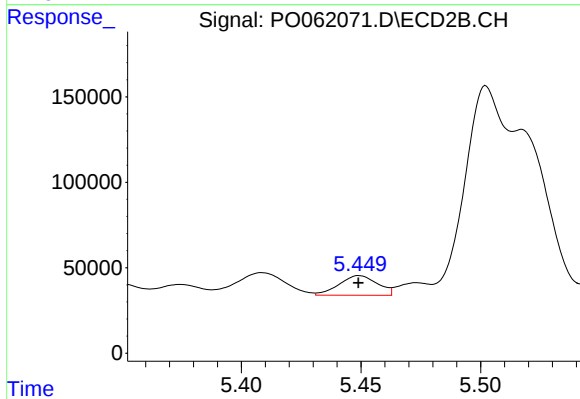
#26 AR-1254-1

R.T.: 5.312 min
Delta R.T.: 0.007 min
Response: 505727
Conc: 206.77 ng/ml



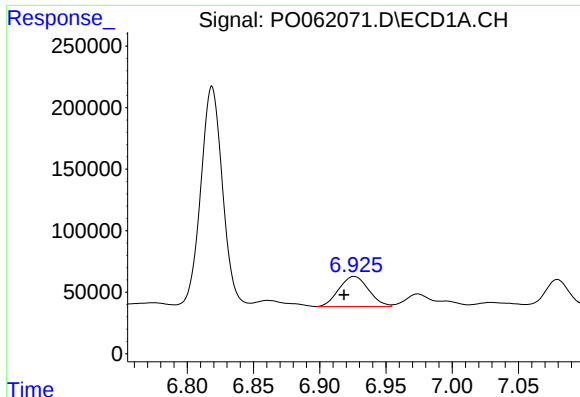
#27 AR-1254-2

R.T.: 6.562 min
Delta R.T.: 0.009 min
Response: 595159
Conc: 145.57 ng/ml



#27 AR-1254-2

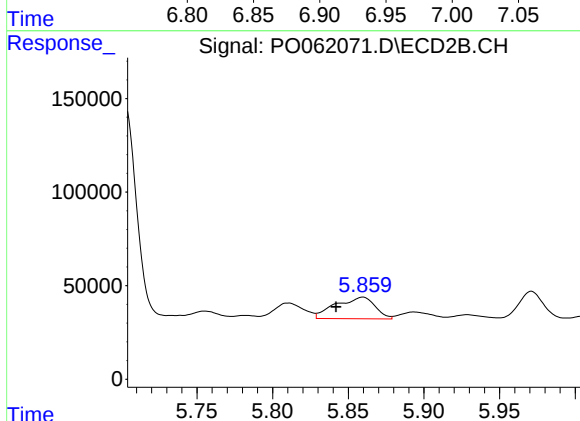
R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 128666
Conc: 60.75 ng/ml



#28 AR-1254-3

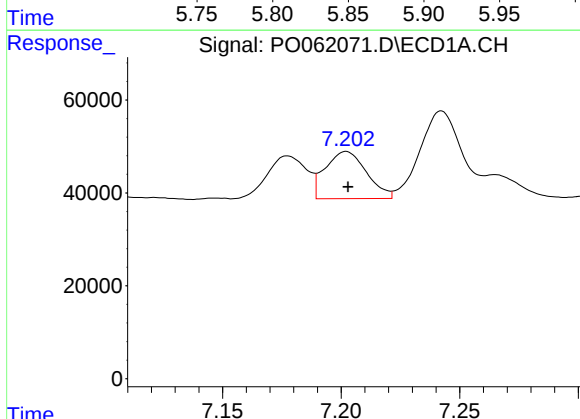
R.T.: 6.926 min
Delta R.T.: 0.008 min
Response: 379628
Conc: 90.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



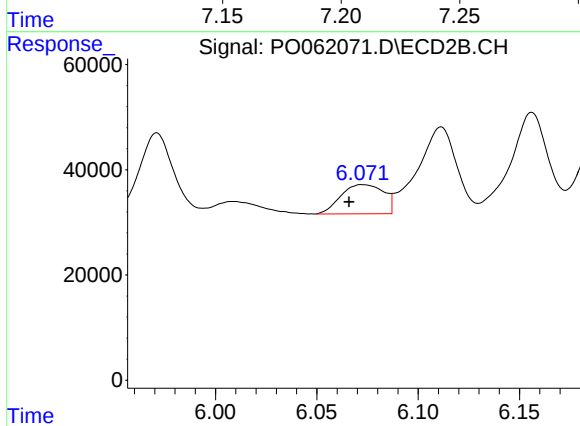
#28 AR-1254-3

R.T.: 5.860 min
Delta R.T.: 0.018 min
Response: 209289
Conc: 64.24 ng/ml



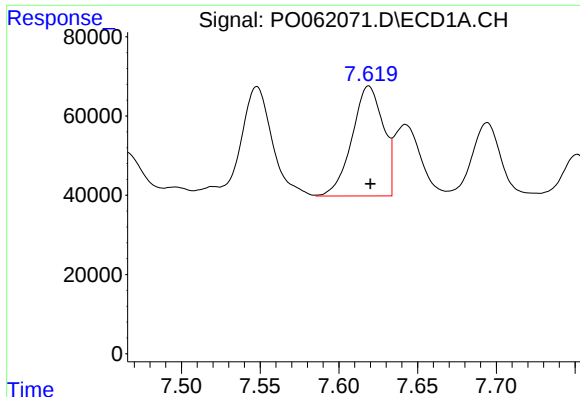
#29 AR-1254-4

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 123074
Conc: 40.84 ng/ml



#29 AR-1254-4

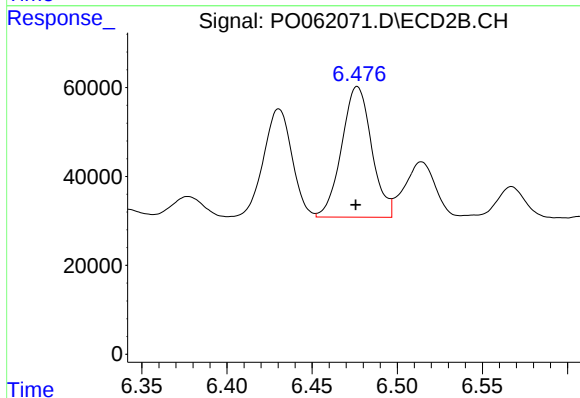
R.T.: 6.073 min
Delta R.T.: 0.007 min
Response: 81527
Conc: 42.21 ng/ml



#30 AR-1254-5

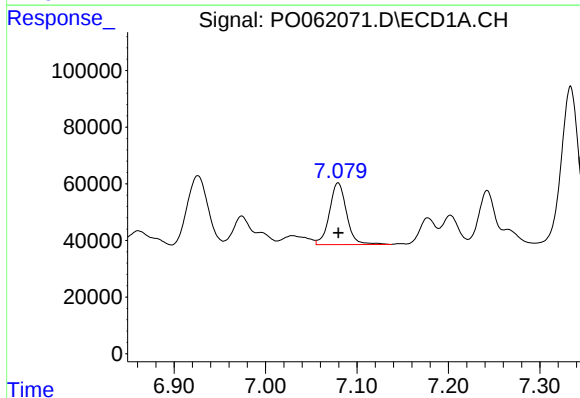
R.T.: 7.619 min
Delta R.T.: -0.001 min
Response: 381849
Conc: 121.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



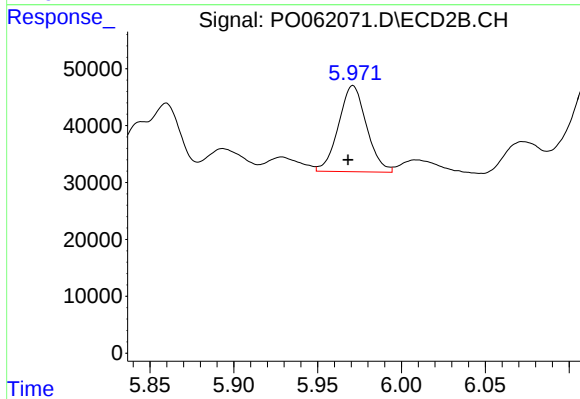
#30 AR-1254-5

R.T.: 6.477 min
Delta R.T.: 0.001 min
Response: 360605
Conc: 136.53 ng/ml



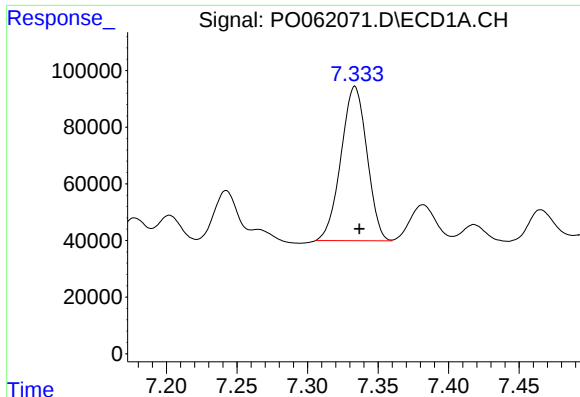
#31 AR-1260-1

R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 282948
Conc: 99.38 ng/ml



#31 AR-1260-1

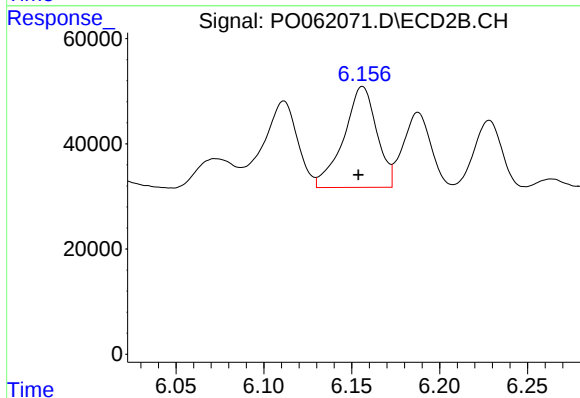
R.T.: 5.971 min
Delta R.T.: 0.003 min
Response: 175872
Conc: 82.77 ng/ml



#32 AR-1260-2

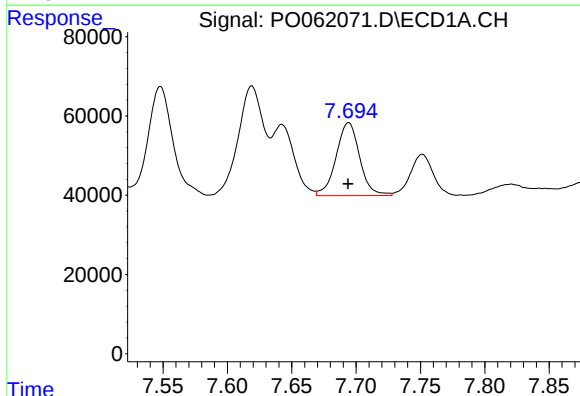
R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 696034
Conc: 202.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



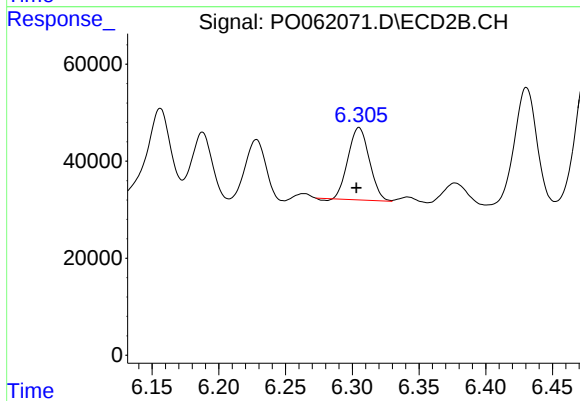
#32 AR-1260-2

R.T.: 6.156 min
Delta R.T.: 0.002 min
Response: 250583
Conc: 98.75 ng/ml



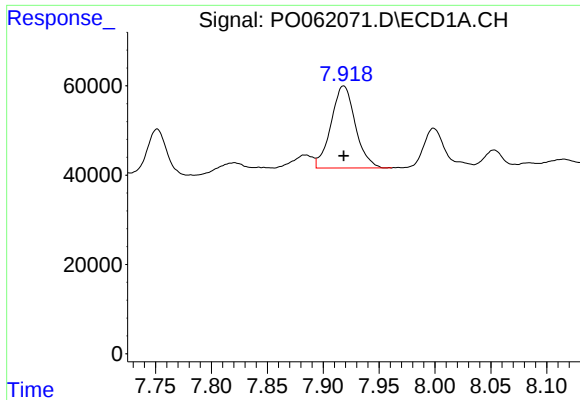
#33 AR-1260-3

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 234954
Conc: 88.79 ng/ml



#33 AR-1260-3

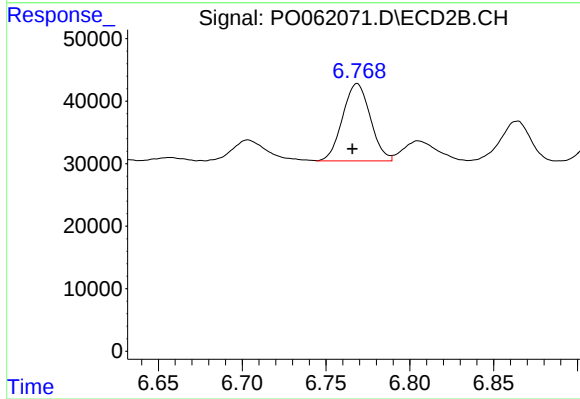
R.T.: 6.305 min
Delta R.T.: 0.002 min
Response: 164047
Conc: 72.65 ng/ml



#34 AR-1260-4

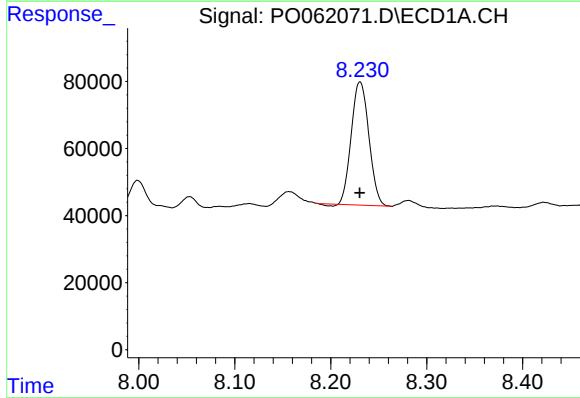
R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 278714
Conc: 99.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



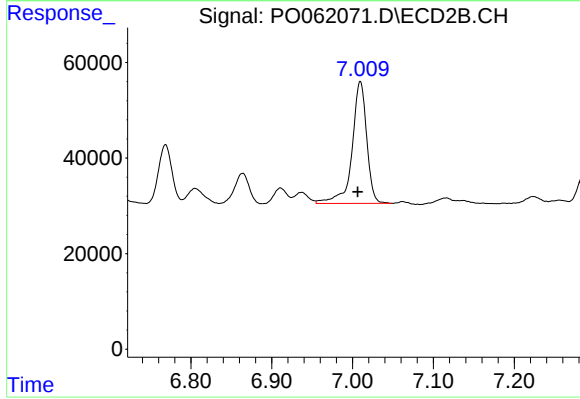
#34 AR-1260-4

R.T.: 6.769 min
Delta R.T.: 0.003 min
Response: 142141
Conc: 80.95 ng/ml



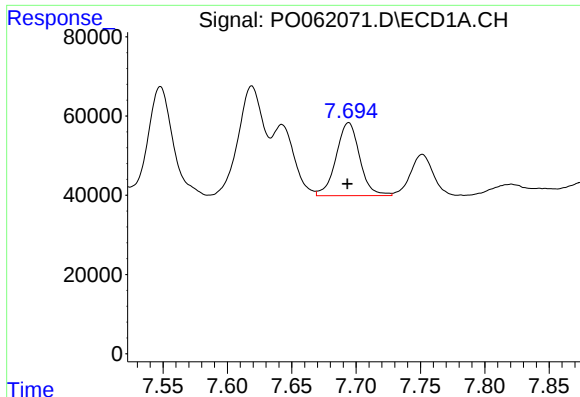
#35 AR-1260-5

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 470220
Conc: 89.81 ng/ml



#35 AR-1260-5

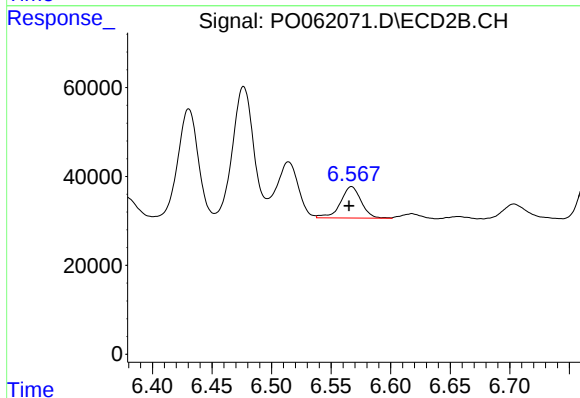
R.T.: 7.010 min
Delta R.T.: 0.003 min
Response: 321802
Conc: 89.33 ng/ml



#36 AR-1262-1

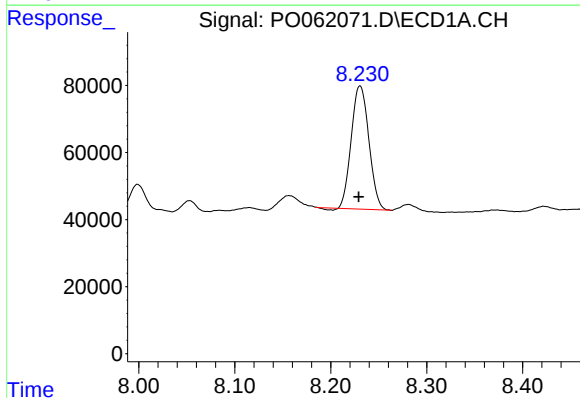
R.T.: 7.694 min
Delta R.T.: 0.001 min
Response: 234954
Conc: 57.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



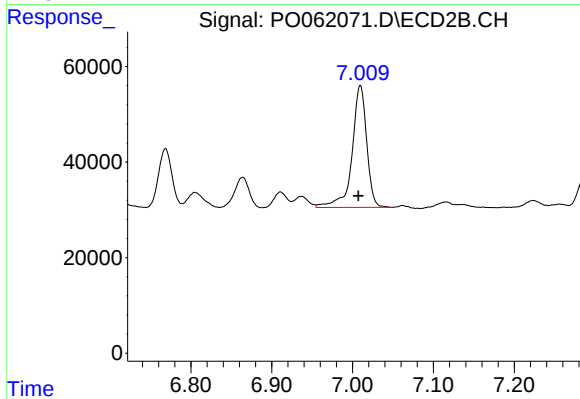
#36 AR-1262-1

R.T.: 6.567 min
Delta R.T.: 0.002 min
Response: 85023
Conc: 71.34 ng/ml



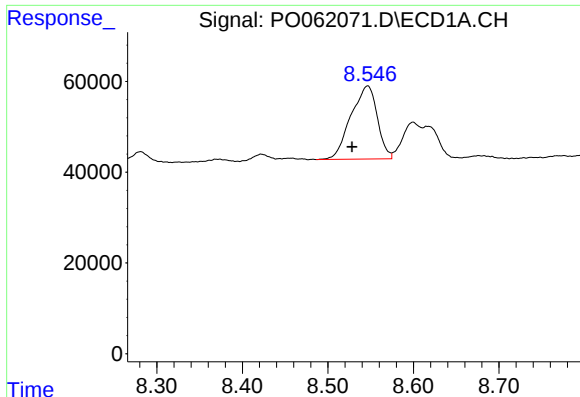
#37 AR-1262-2

R.T.: 8.230 min
Delta R.T.: 0.001 min
Response: 470220
Conc: 72.92 ng/ml



#37 AR-1262-2

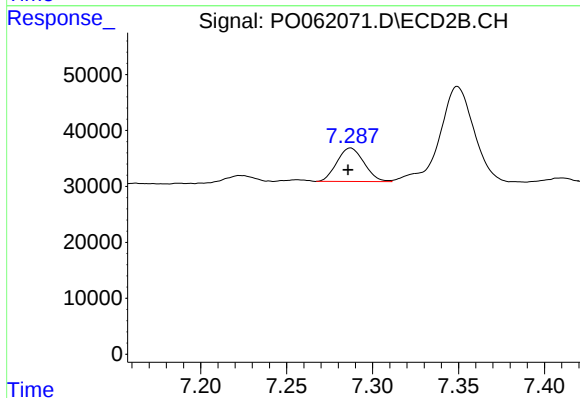
R.T.: 7.010 min
Delta R.T.: 0.002 min
Response: 321802
Conc: 76.59 ng/ml



#38 AR-1262-3

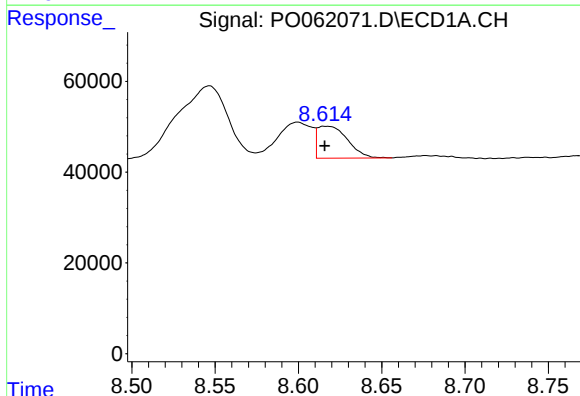
R.T.: 8.546 min
Delta R.T.: 0.018 min
Response: 345016
Conc: 78.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



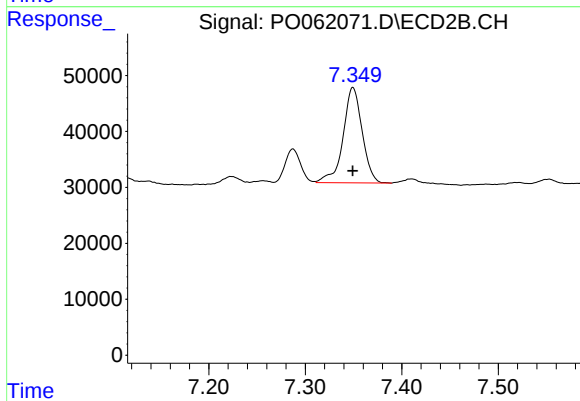
#38 AR-1262-3

R.T.: 7.287 min
Delta R.T.: 0.001 min
Response: 65668
Conc: 37.34 ng/ml



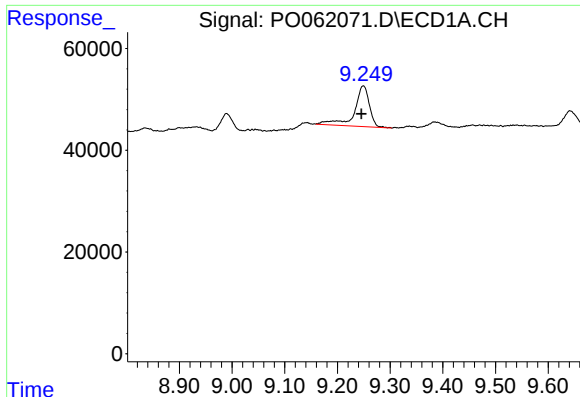
#39 AR-1262-4

R.T.: 8.617 min
Delta R.T.: 0.000 min
Response: 88309
Conc: 25.56 ng/ml



#39 AR-1262-4

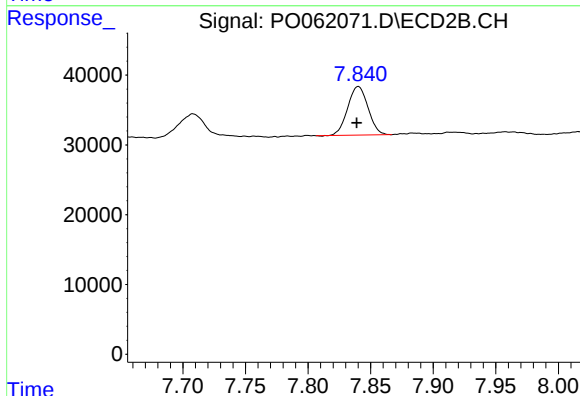
R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 235122
Conc: 76.91 ng/ml



#40 AR-1262-5

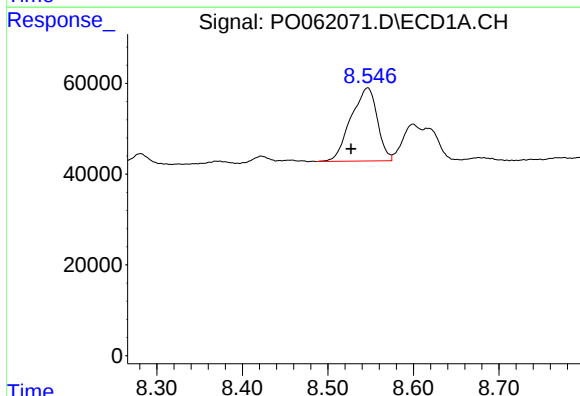
R.T.: 9.249 min
Delta R.T.: 0.004 min
Response: 157988
Conc: 69.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



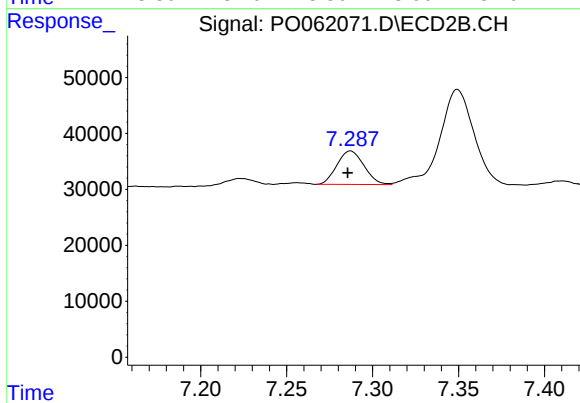
#40 AR-1262-5

R.T.: 7.840 min
Delta R.T.: 0.001 min
Response: 78735
Conc: 60.29 ng/ml



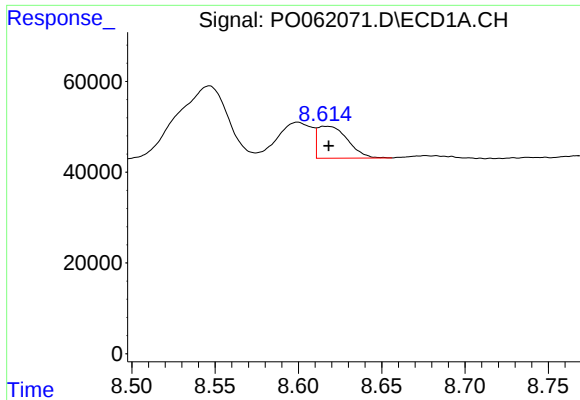
#41 AR-1268-1

R.T.: 8.546 min
Delta R.T.: 0.019 min
Response: 345016
Conc: 45.58 ng/ml



#41 AR-1268-1

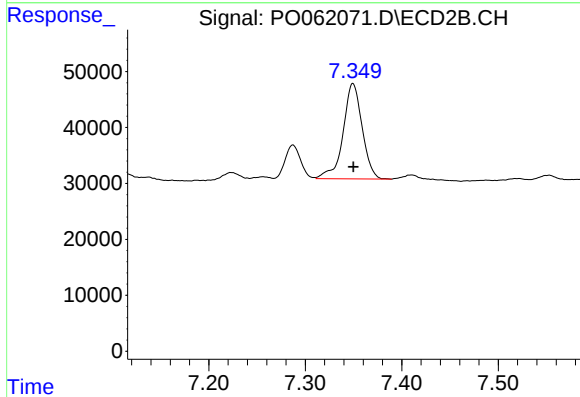
R.T.: 7.287 min
Delta R.T.: 0.002 min
Response: 65668
Conc: 14.02 ng/ml



#42 AR-1268-2

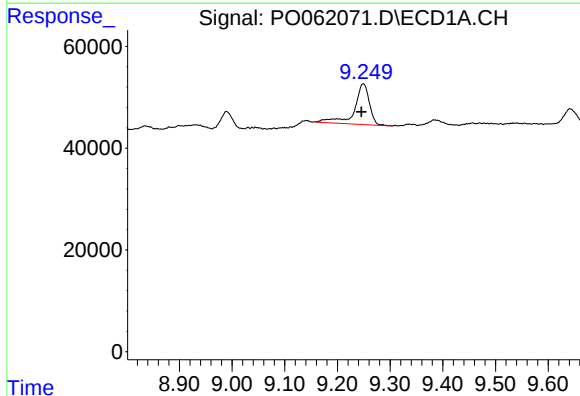
R.T.: 8.617 min
Delta R.T.: -0.002 min
Response: 88309
Conc: 12.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



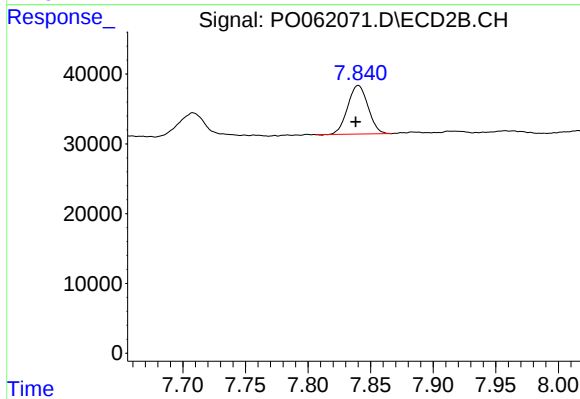
#42 AR-1268-2

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 235122
Conc: 56.28 ng/ml



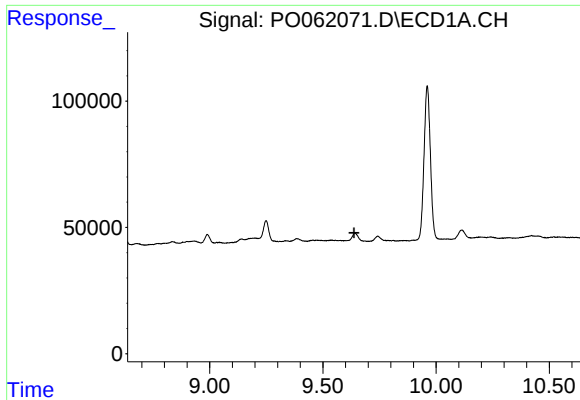
#44 AR-1268-4

R.T.: 9.249 min
Delta R.T.: 0.004 min
Response: 157988
Conc: 66.49 ng/ml



#44 AR-1268-4

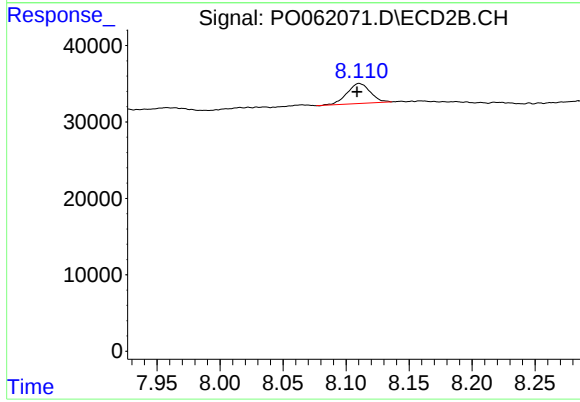
R.T.: 7.840 min
Delta R.T.: 0.002 min
Response: 78735
Conc: 55.26 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.637 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.111 min
Delta R.T.: 0.002 min
Response: 33514
Conc: 3.62 ng/ml