

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100821\
 Data File : PO081924.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2021 16:26
 Operator : AJ\MA
 Sample : M4142-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 03:53:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 07 09:43:36 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...	4.991	3.981	1140438	384532	13.743	15.196
2)	SA Decachlor...	11.112	9.308	1218404	445422	20.541	18.855
Target Compounds							
3)	L1 AR-1016-1	6.339	5.269f	62025	87383	22.428	84.192 #
4)	L1 AR-1016-2	6.339	5.269	62025	87383	15.406	60.986 #
7)	L1 AR-1016-5	6.839	0.000	66155	0	34.975	N.D. #
8)	L2 AR-1221-1	5.243	0.000	96478	0	101.026	N.D. #
10)	L2 AR-1221-3	5.448f	4.430	91307	17890	42.818	23.724 #
11)	L3 AR-1232-1	5.448f	4.430	91307	17890	54.742	30.165 #
12)	L3 AR-1232-2	0.000	5.269	0	87383	N.D.	144.196 #
13)	L3 AR-1232-3	6.339	0.000	62025	0	37.116	N.D. #
14)	L3 AR-1232-4	0.000	5.570	0	68669	N.D.	223.415 #
15)	L3 AR-1232-5	6.616	0.000	41489	0	68.714	N.D. #
16)	L4 AR-1242-1	6.339	5.269f	62025	87383	30.161	113.170 #
17)	L4 AR-1242-2	6.339	5.269	62025	87383	21.160	82.765 #
19)	L4 AR-1242-4	0.000	5.570	0	68669	N.D.	110.174 #
20)	L4 AR-1242-5	7.335f	6.120	235329	205595	161.209	281.756 #
21)	L5 AR-1248-1	6.339	5.269f	62025	87383	37.339	143.401 #
22)	L5 AR-1248-2	6.616	0.000	41489	0	18.894	N.D. #
23)	L5 AR-1248-3	6.839	5.570	66155	68669	26.955	76.738 #
24)	L5 AR-1248-4	7.275	0.000	1208480	0	461.800	N.D. #
25)	L5 AR-1248-5	7.335f	6.189f	235329	45662	94.439	47.873 #
26)	L6 AR-1254-1	7.219f	6.120	671511	205595	245.465	143.264 #
27)	L6 AR-1254-2	7.481	6.299f	633030	43615	155.159	33.639 #
28)	L6 AR-1254-3	7.865	6.699	501185	33163	122.832	16.650 #
29)	L6 AR-1254-4	8.150	6.943	82146	37200	27.390	29.125
30)	L6 AR-1254-5	8.610f	7.373	8336075	2925736	2553.291	1616.804 #
31)	L7 AR-1260-1	8.024	6.859f	76885	118648	24.487	82.414 #
32)	L7 AR-1260-2	8.288	7.037	1982018	95965	536.684	55.583 #
33)	L7 AR-1260-3	0.000	7.187	0	81397	N.D.	49.773 #
34)	L7 AR-1260-4	8.883	7.673	291849	24846	97.752	20.665 #
35)	L7 AR-1260-5	9.226	7.924	108586	40924	18.593	14.465
36)	L8 AR-1262-1	0.000	7.373	0	2925736	N.D.	2927.599 #
37)	L8 AR-1262-2	9.226	7.924	108586	40924	15.711	12.704
38)	L8 AR-1262-3	9.568f	0.000	126452	0	37.206	N.D. #
39)	L8 AR-1262-4	9.644	8.275	46801	52618	23.168	21.859
40)	L8 AR-1262-5	10.336	0.000	21530	0	8.346	N.D. #
41)	L9 AR-1268-1	9.568f	0.000	126452	0	14.674	N.D. #
42)	L9 AR-1268-2	9.644	8.275	46801	52618	5.946	14.864 #
44)	L9 AR-1268-4	10.336	0.000	21530	0	7.209	N.D. #
45)	L9 AR-1268-5	10.762	0.000	43069	0	1.936	N.D. #

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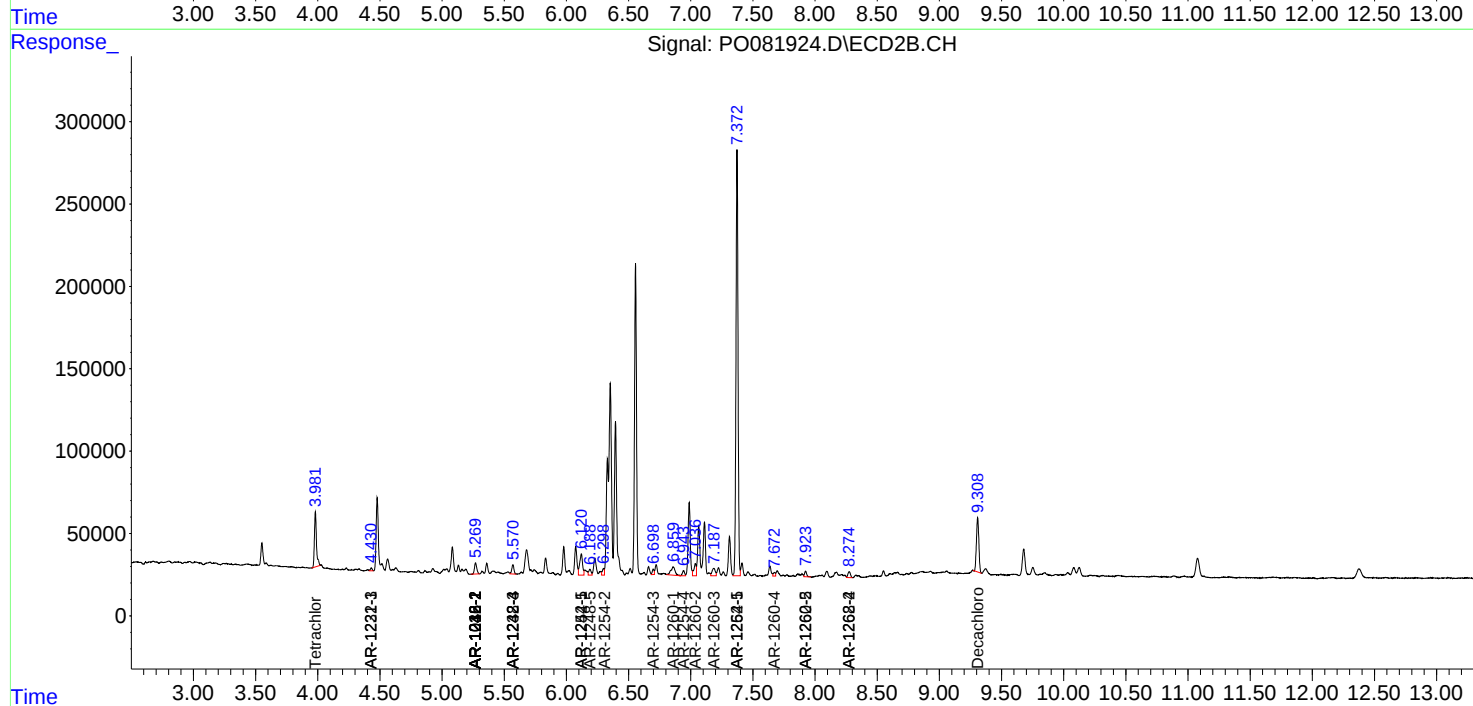
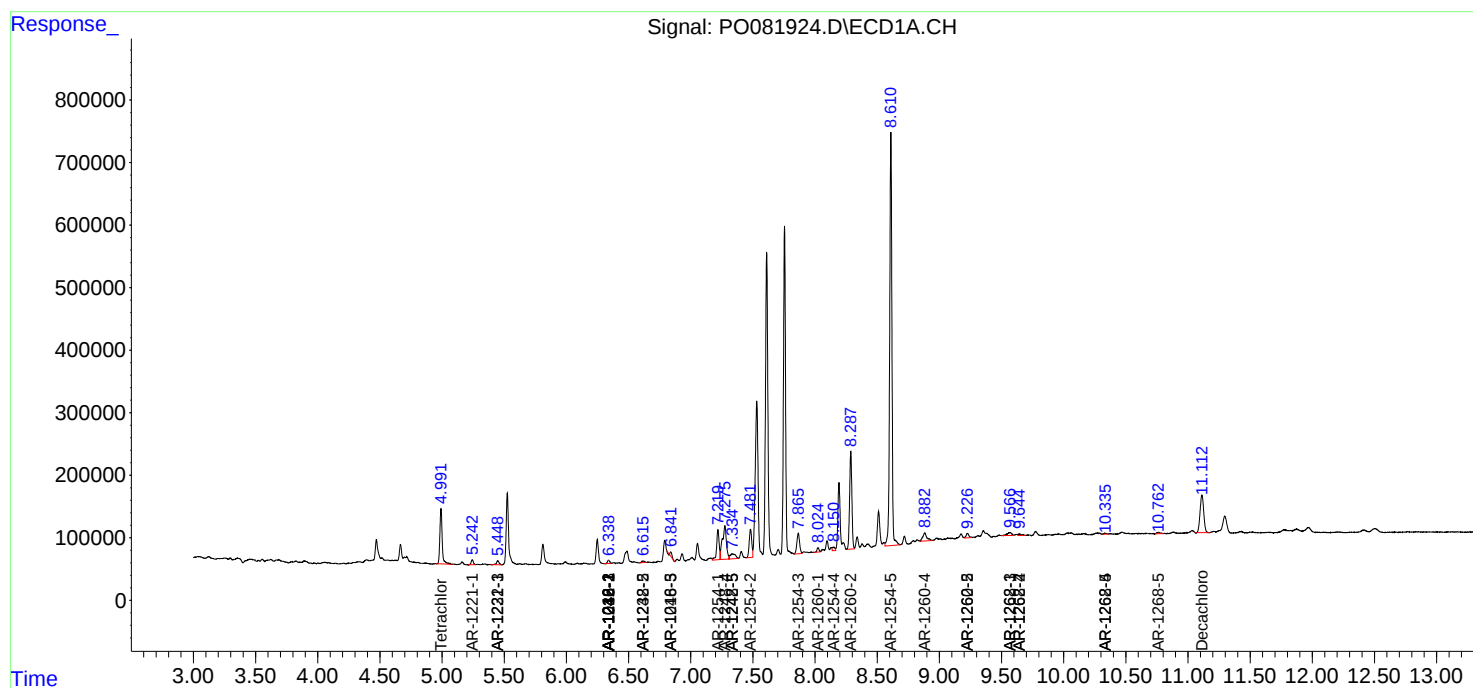
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

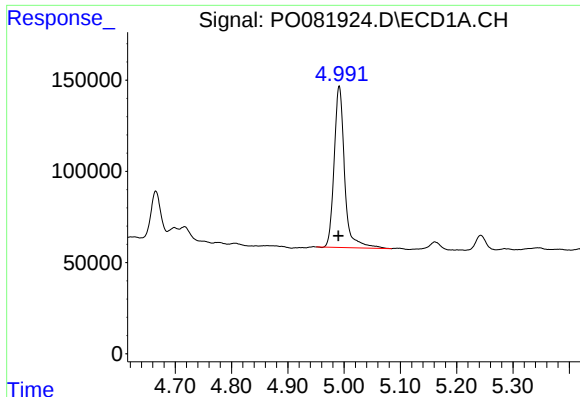
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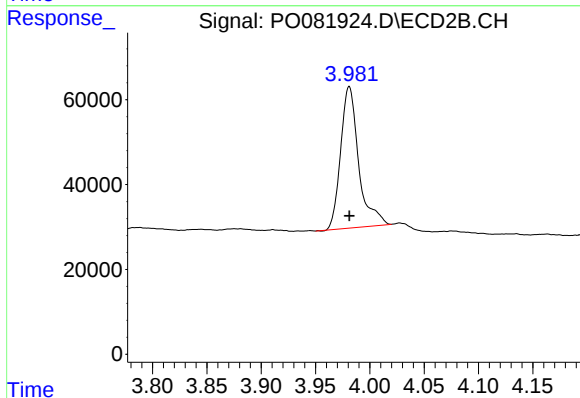




#1 Tetrachloro-m-xylene

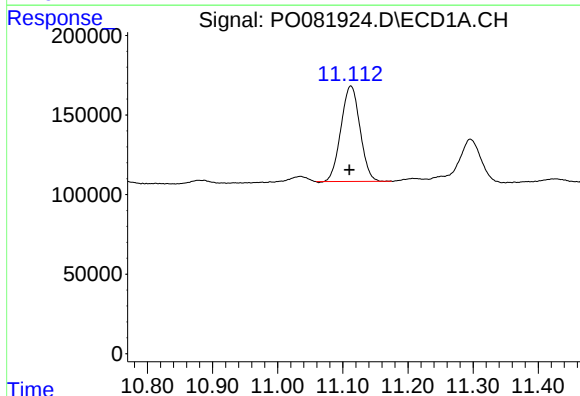
R.T.: 4.991 min
Delta R.T.: 0.001 min
Response: 1140438
Conc: 13.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



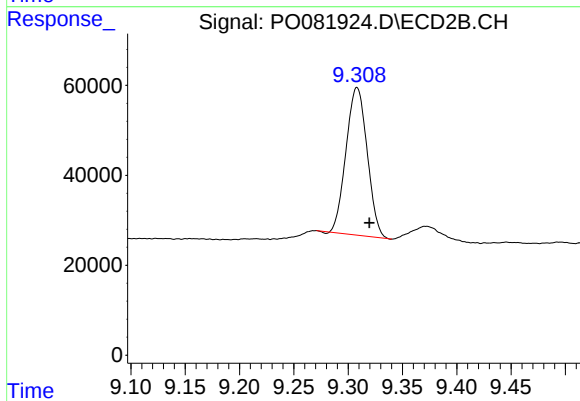
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 384532
Conc: 15.20 ng/ml



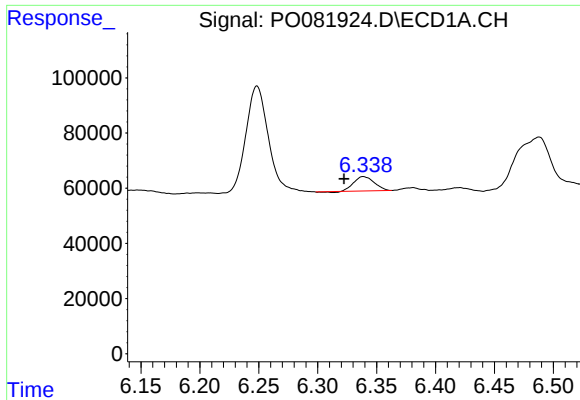
#2 Decachlorobiphenyl

R.T.: 11.112 min
Delta R.T.: 0.002 min
Response: 1218404
Conc: 20.54 ng/ml



#2 Decachlorobiphenyl

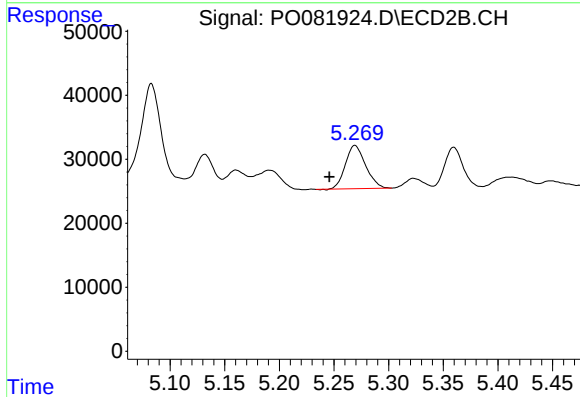
R.T.: 9.308 min
Delta R.T.: -0.011 min
Response: 445422
Conc: 18.86 ng/ml



#3 AR-1016-1

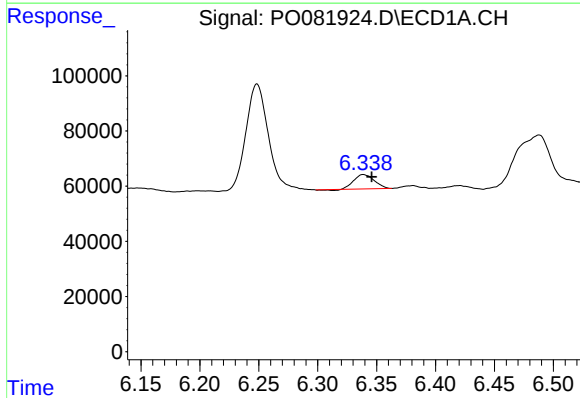
R.T.: 6.339 min
Delta R.T.: 0.016 min
Response: 62025
Conc: 22.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



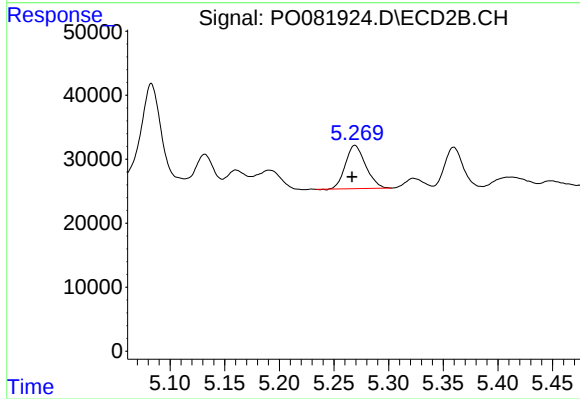
#3 AR-1016-1

R.T.: 5.269 min
Delta R.T.: 0.023 min
Response: 87383
Conc: 84.19 ng/ml



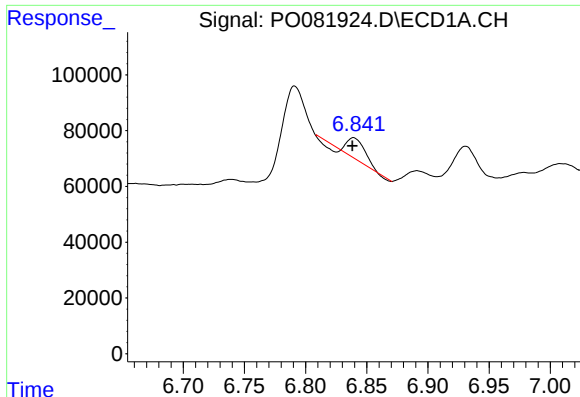
#4 AR-1016-2

R.T.: 6.339 min
Delta R.T.: -0.007 min
Response: 62025
Conc: 15.41 ng/ml



#4 AR-1016-2

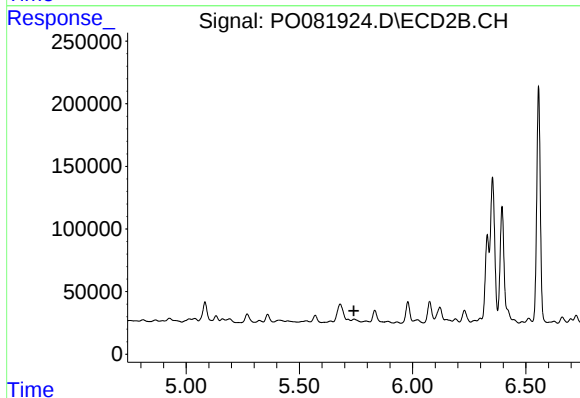
R.T.: 5.269 min
Delta R.T.: 0.003 min
Response: 87383
Conc: 60.99 ng/ml



#7 AR-1016-5

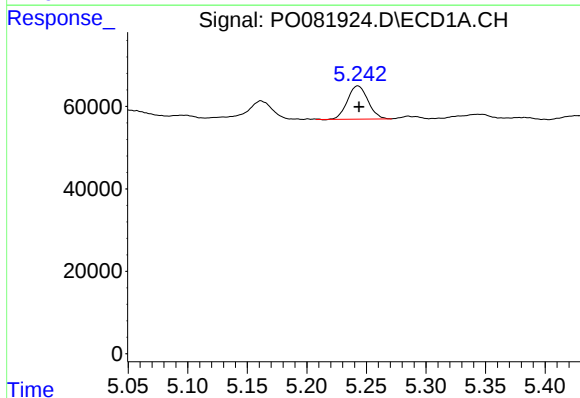
R.T.: 6.839 min
Delta R.T.: 0.001 min
Response: 66155
Conc: 34.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



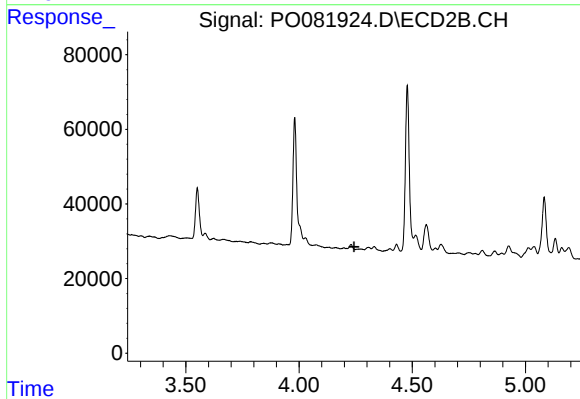
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.740 min
Response: 0
Conc: N.D.



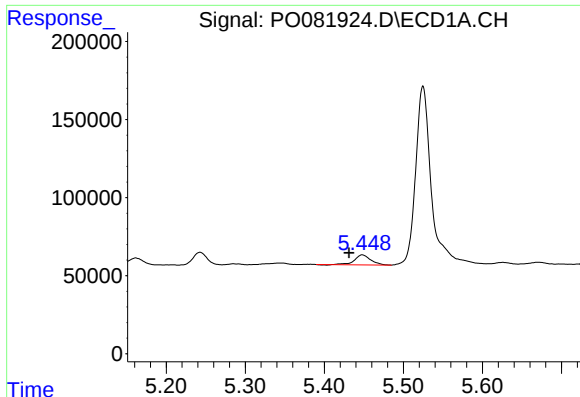
#8 AR-1221-1

R.T.: 5.243 min
Delta R.T.: -0.001 min
Response: 96478
Conc: 101.03 ng/ml



#8 AR-1221-1

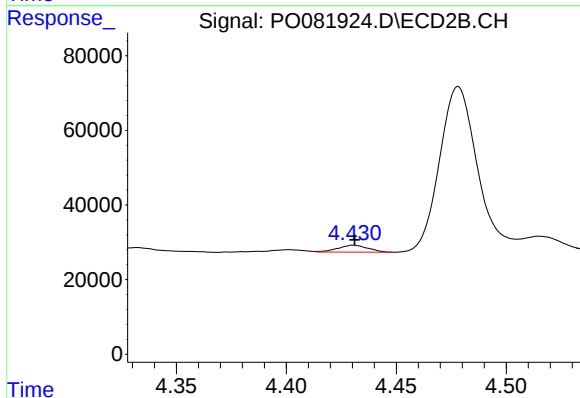
R.T.: 0.000 min
Exp R.T. : 4.243 min
Response: 0
Conc: N.D.



#10 AR-1221-3

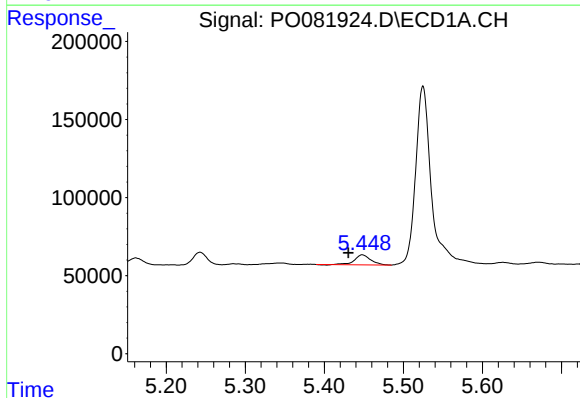
R.T.: 5.448 min
Delta R.T.: 0.017 min
Response: 91307
Conc: 42.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



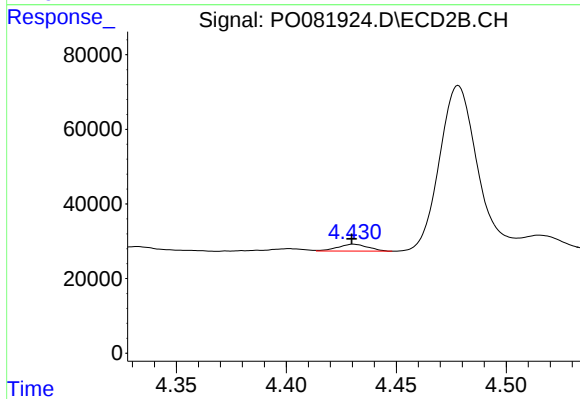
#10 AR-1221-3

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 17890
Conc: 23.72 ng/ml



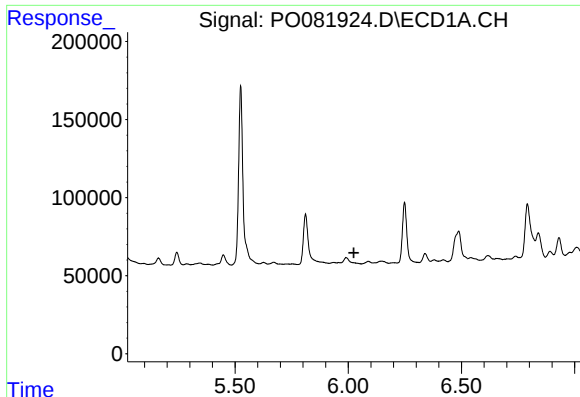
#11 AR-1232-1

R.T.: 5.448 min
Delta R.T.: 0.017 min
Response: 91307
Conc: 54.74 ng/ml



#11 AR-1232-1

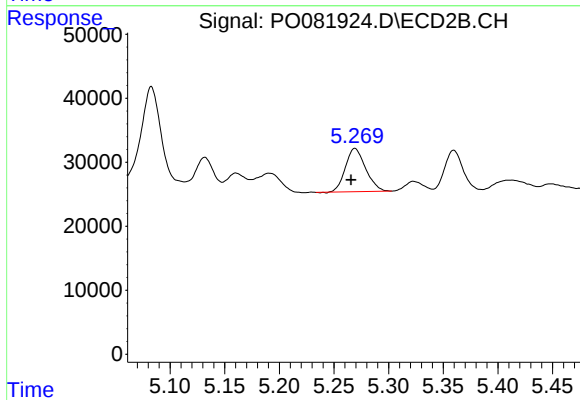
R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 17890
Conc: 30.16 ng/ml



#12 AR-1232-2

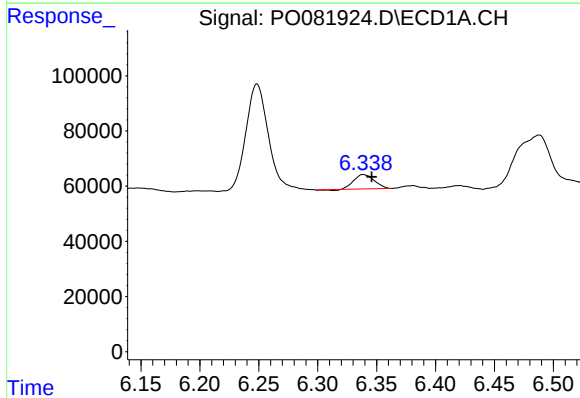
R.T.: 0.000 min
Exp R.T.: 6.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



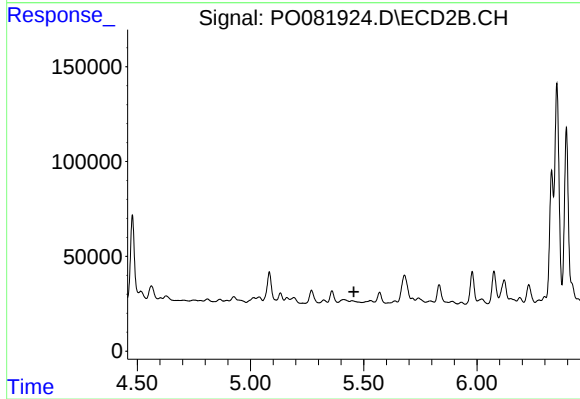
#12 AR-1232-2

R.T.: 5.269 min
Delta R.T.: 0.004 min
Response: 87383
Conc: 144.20 ng/ml



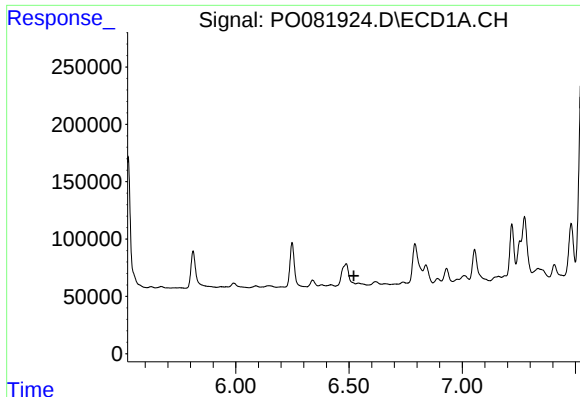
#13 AR-1232-3

R.T.: 6.339 min
Delta R.T.: -0.007 min
Response: 62025
Conc: 37.12 ng/ml



#13 AR-1232-3

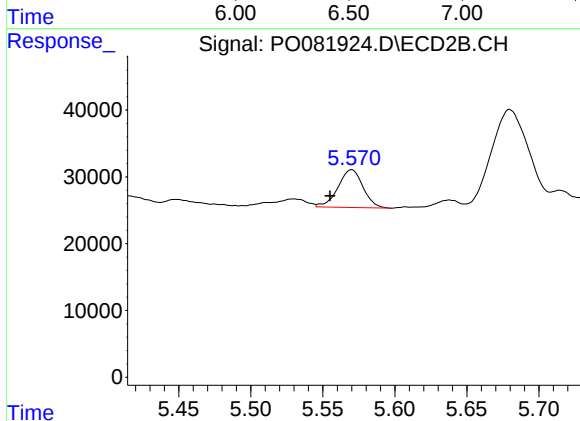
R.T.: 0.000 min
Exp R.T.: 5.456 min
Response: 0
Conc: N.D.



#14 AR-1232-4

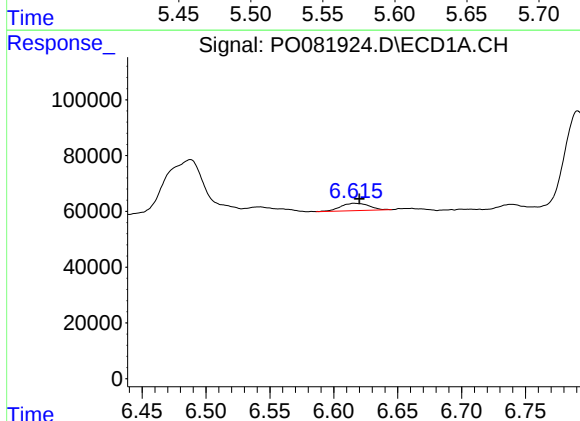
R.T.: 0.000 min
Exp R.T.: 6.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



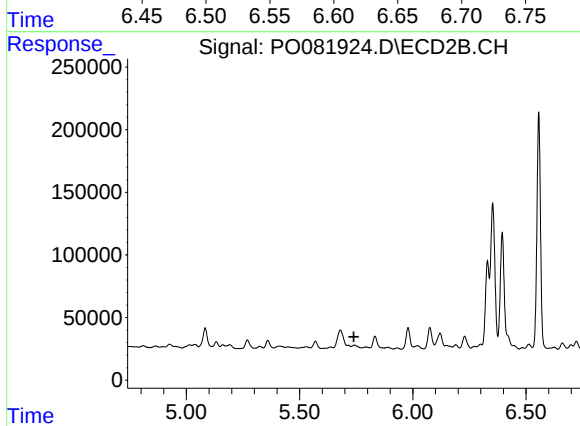
#14 AR-1232-4

R.T.: 5.570 min
Delta R.T.: 0.015 min
Response: 68669
Conc: 223.42 ng/ml



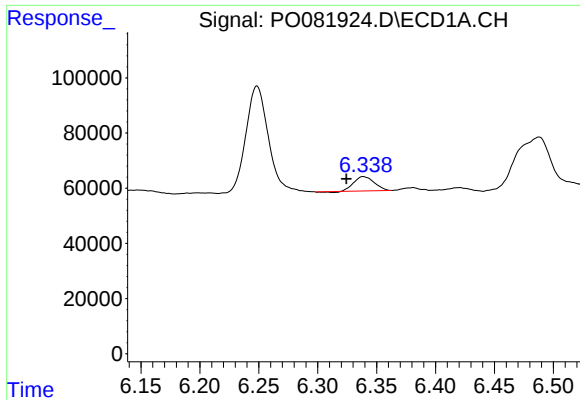
#15 AR-1232-5

R.T.: 6.616 min
Delta R.T.: -0.004 min
Response: 41489
Conc: 68.71 ng/ml



#15 AR-1232-5

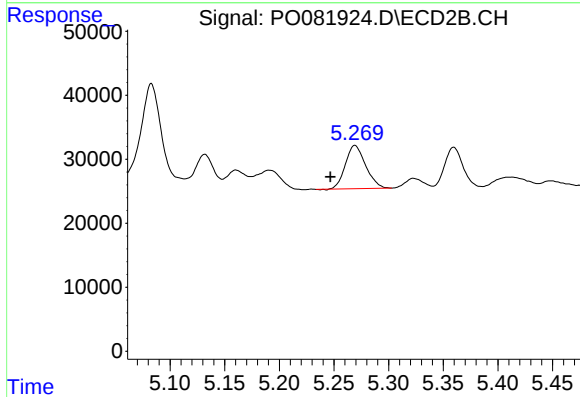
R.T.: 0.000 min
Exp R.T.: 5.739 min
Response: 0
Conc: N.D.



#16 AR-1242-1

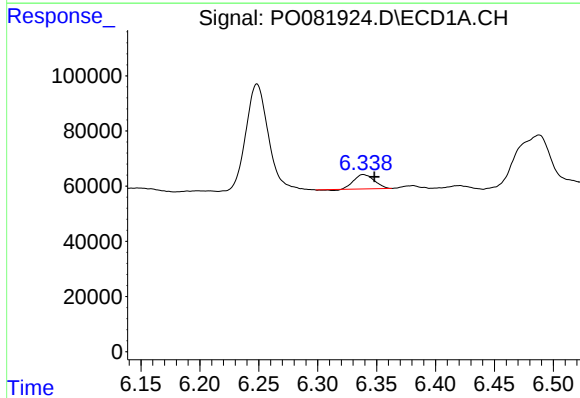
R.T.: 6.339 min
Delta R.T.: 0.014 min
Response: 62025
Conc: 30.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



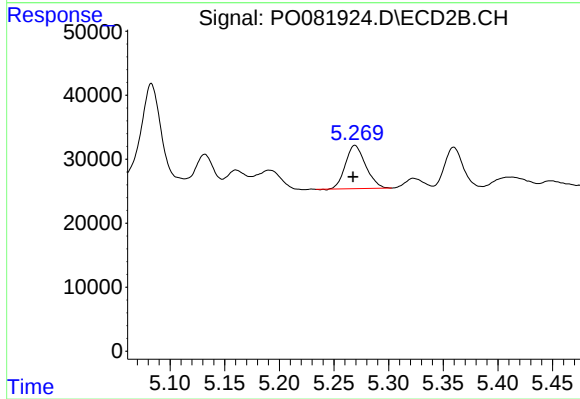
#16 AR-1242-1

R.T.: 5.269 min
Delta R.T.: 0.022 min
Response: 87383
Conc: 113.17 ng/ml



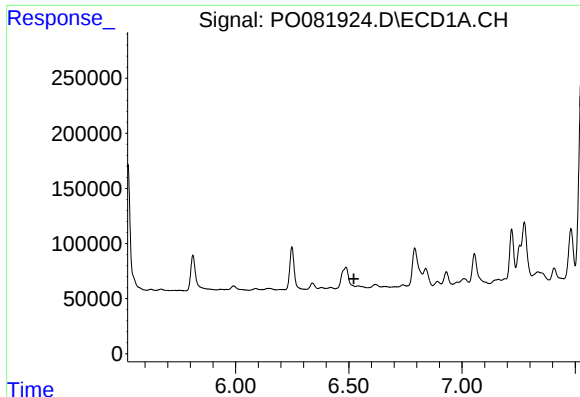
#17 AR-1242-2

R.T.: 6.339 min
Delta R.T.: -0.009 min
Response: 62025
Conc: 21.16 ng/ml



#17 AR-1242-2

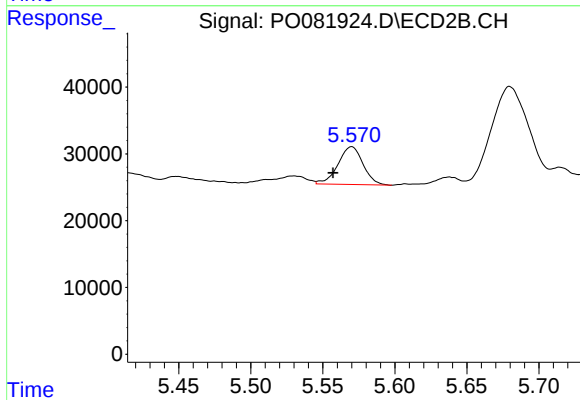
R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 87383
Conc: 82.77 ng/ml



#19 AR-1242-4

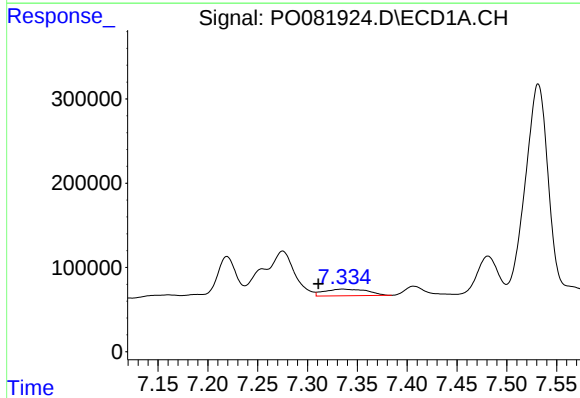
R.T.: 0.000 min
Exp R.T.: 6.522 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



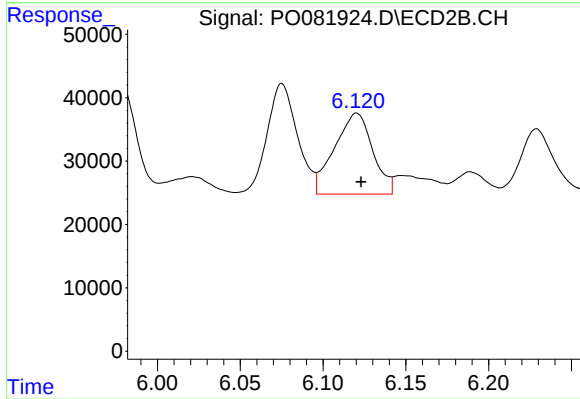
#19 AR-1242-4

R.T.: 5.570 min
Delta R.T.: 0.013 min
Response: 68669
Conc: 110.17 ng/ml



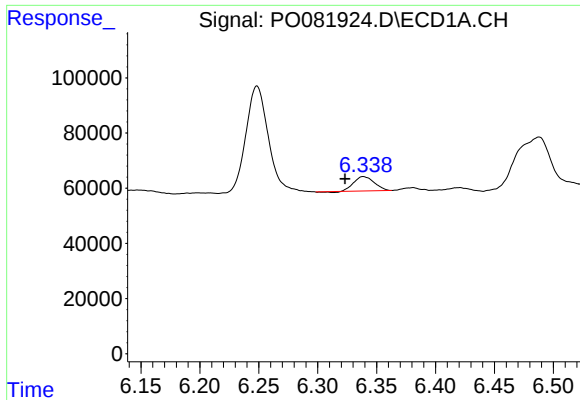
#20 AR-1242-5

R.T.: 7.335 min
Delta R.T.: 0.024 min
Response: 235329
Conc: 161.21 ng/ml



#20 AR-1242-5

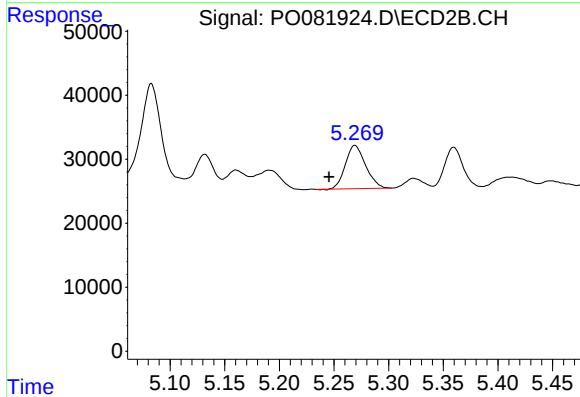
R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 205595
Conc: 281.76 ng/ml



#21 AR-1248-1

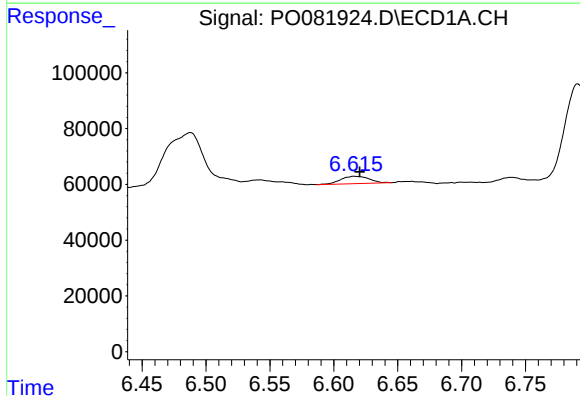
R.T.: 6.339 min
Delta R.T.: 0.015 min
Response: 62025
Conc: 37.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



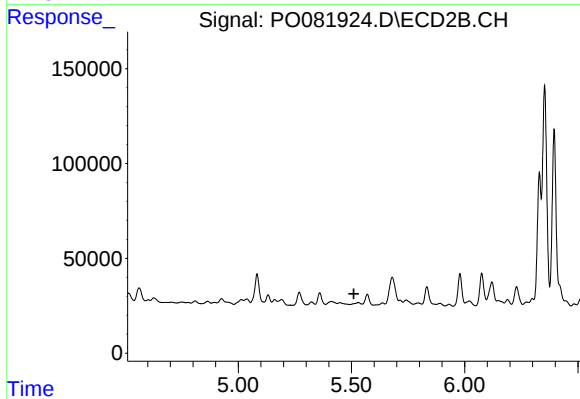
#21 AR-1248-1

R.T.: 5.269 min
Delta R.T.: 0.024 min
Response: 87383
Conc: 143.40 ng/ml



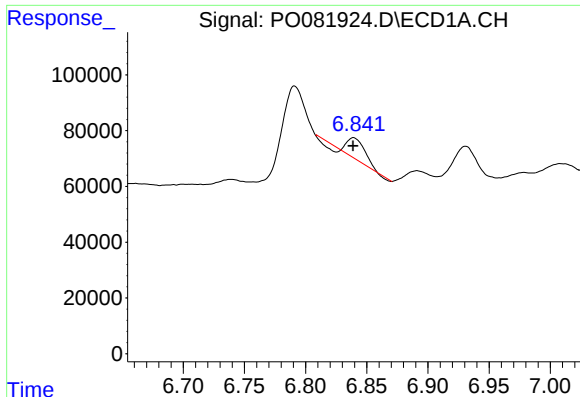
#22 AR-1248-2

R.T.: 6.616 min
Delta R.T.: -0.004 min
Response: 41489
Conc: 18.89 ng/ml



#22 AR-1248-2

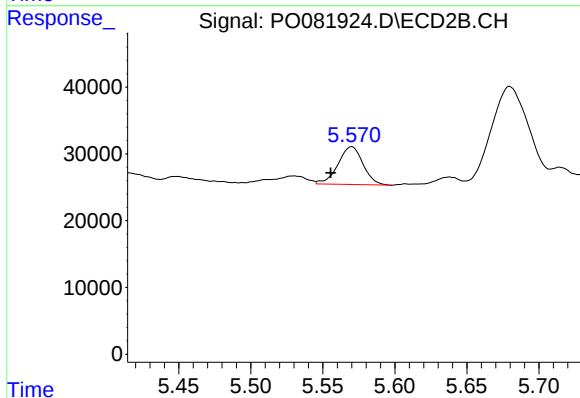
R.T.: 0.000 min
Exp R.T. : 5.511 min
Response: 0
Conc: N.D.



#23 AR-1248-3

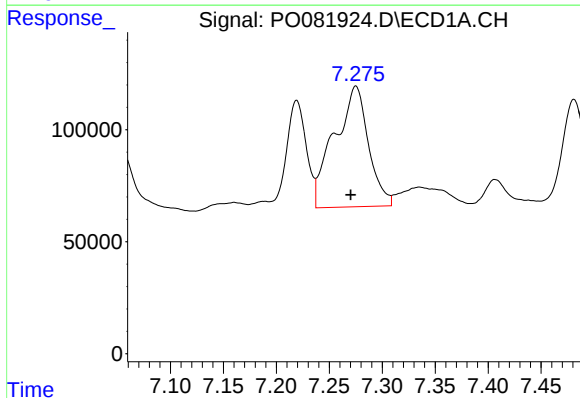
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 66155
Conc: 26.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



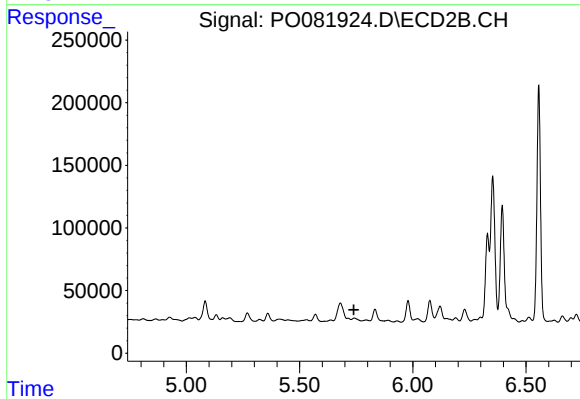
#23 AR-1248-3

R.T.: 5.570 min
Delta R.T.: 0.015 min
Response: 68669
Conc: 76.74 ng/ml



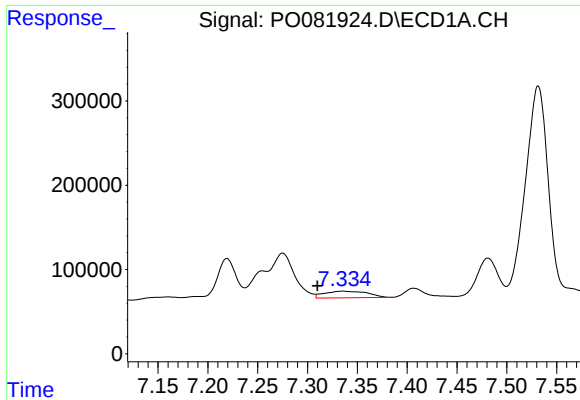
#24 AR-1248-4

R.T.: 7.275 min
Delta R.T.: 0.005 min
Response: 1208480
Conc: 461.80 ng/ml



#24 AR-1248-4

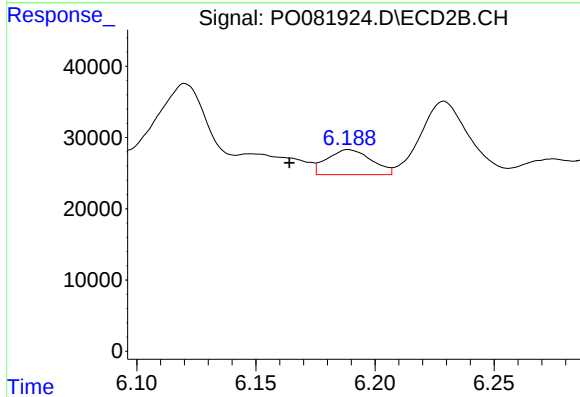
R.T.: 0.000 min
Exp R.T.: 5.739 min
Response: 0
Conc: N.D.



#25 AR-1248-5

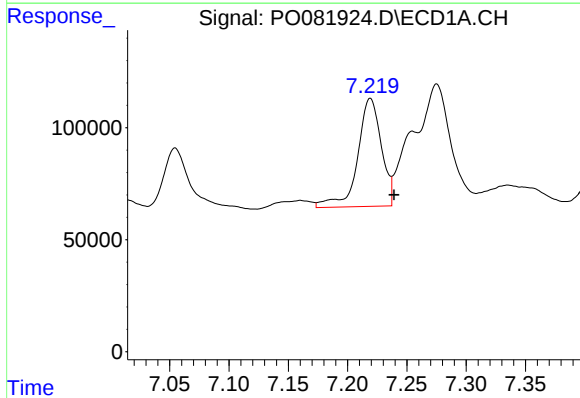
R.T.: 7.335 min
Delta R.T.: 0.025 min
Response: 235329
Conc: 94.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



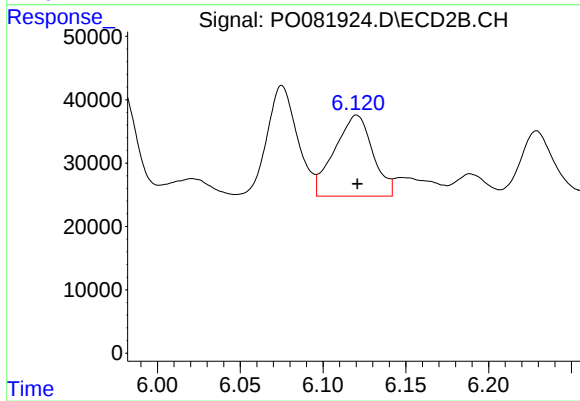
#25 AR-1248-5

R.T.: 6.189 min
Delta R.T.: 0.025 min
Response: 45662
Conc: 47.87 ng/ml



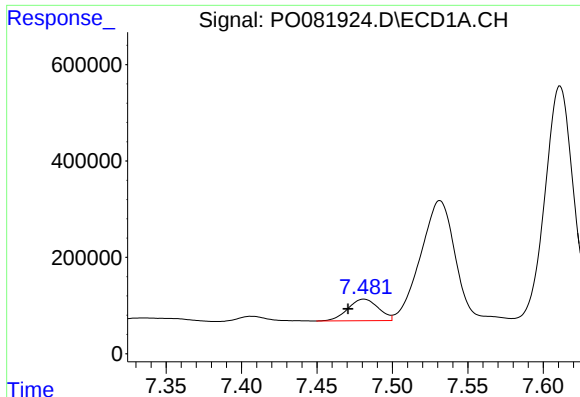
#26 AR-1254-1

R.T.: 7.219 min
Delta R.T.: -0.020 min
Response: 671511
Conc: 245.46 ng/ml



#26 AR-1254-1

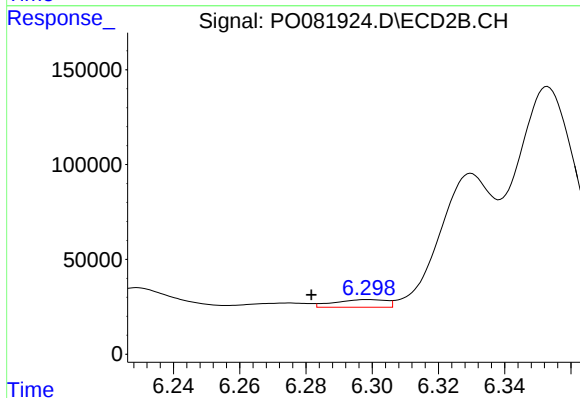
R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 205595
Conc: 143.26 ng/ml



#27 AR-1254-2

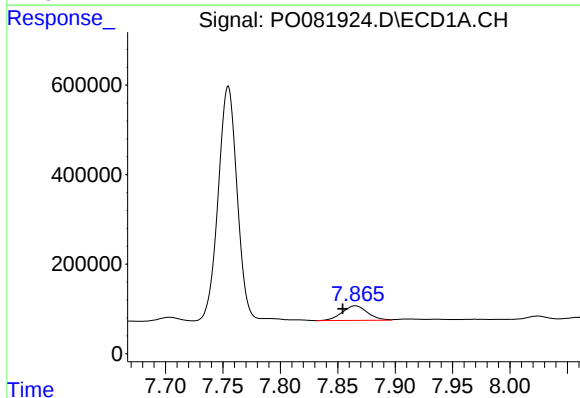
R.T.: 7.481 min
Delta R.T.: 0.011 min
Response: 633030
Conc: 155.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



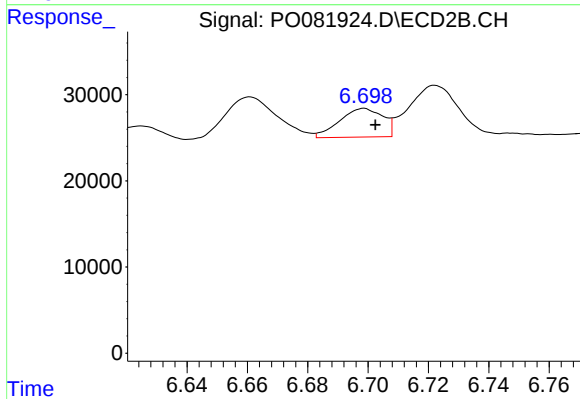
#27 AR-1254-2

R.T.: 6.299 min
Delta R.T.: 0.017 min
Response: 43615
Conc: 33.64 ng/ml



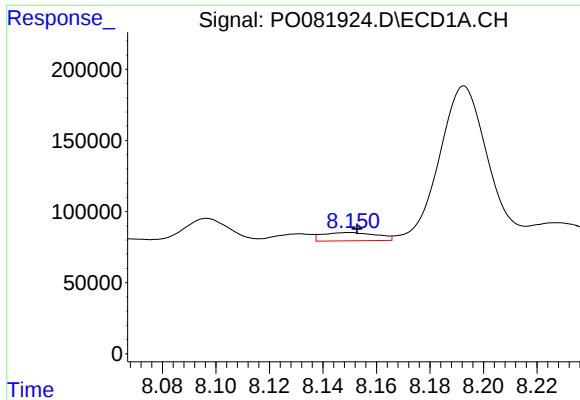
#28 AR-1254-3

R.T.: 7.865 min
Delta R.T.: 0.011 min
Response: 501185
Conc: 122.83 ng/ml



#28 AR-1254-3

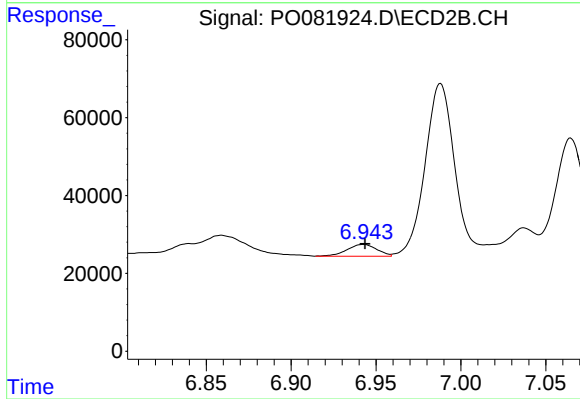
R.T.: 6.699 min
Delta R.T.: -0.004 min
Response: 33163
Conc: 16.65 ng/ml



#29 AR-1254-4

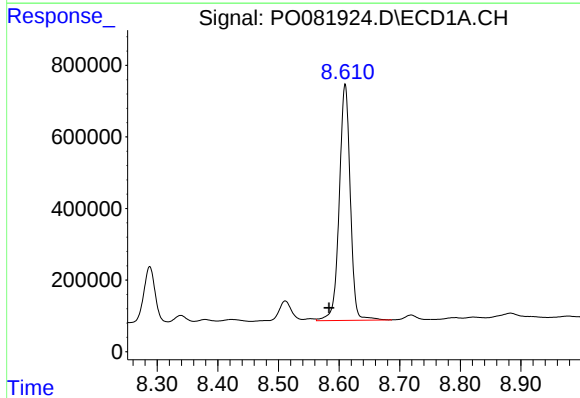
R.T.: 8.150 min
Delta R.T.: -0.003 min
Response: 82146
Conc: 27.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



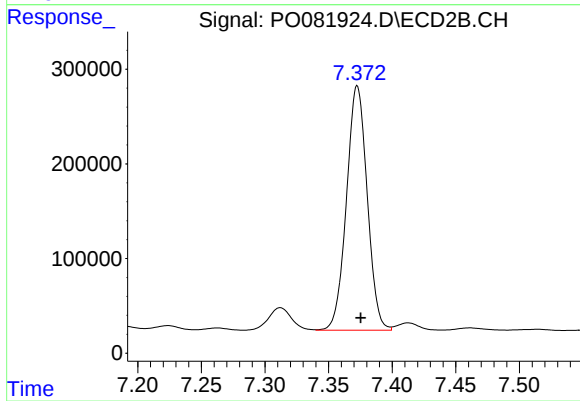
#29 AR-1254-4

R.T.: 6.943 min
Delta R.T.: -0.001 min
Response: 37200
Conc: 29.13 ng/ml



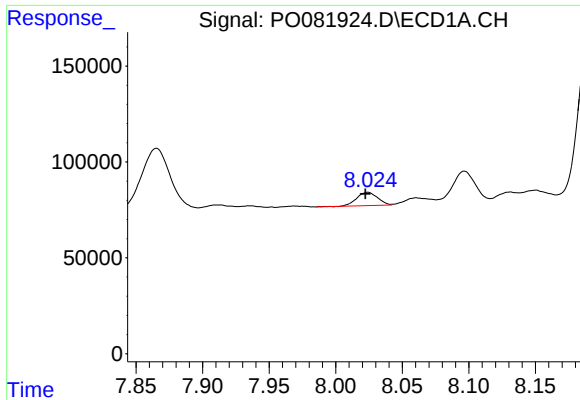
#30 AR-1254-5

R.T.: 8.610 min
Delta R.T.: 0.027 min
Response: 8336075
Conc: 2553.29 ng/ml



#30 AR-1254-5

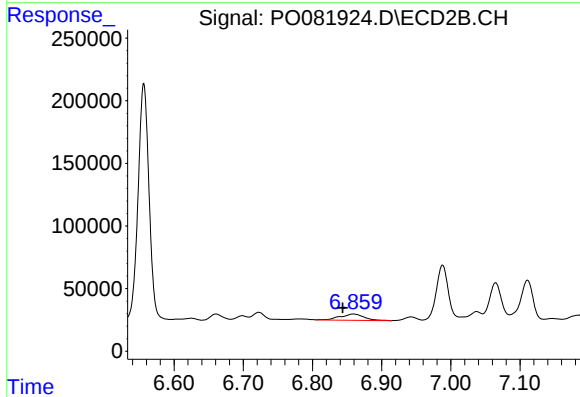
R.T.: 7.373 min
Delta R.T.: -0.003 min
Response: 2925736
Conc: 1616.80 ng/ml



#31 AR-1260-1

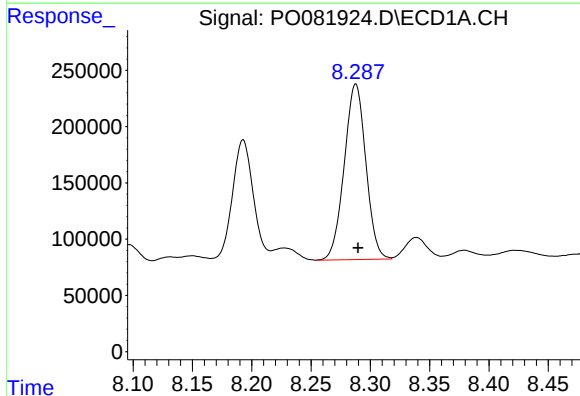
R.T.: 8.024 min
Delta R.T.: 0.002 min
Response: 76885
Conc: 24.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



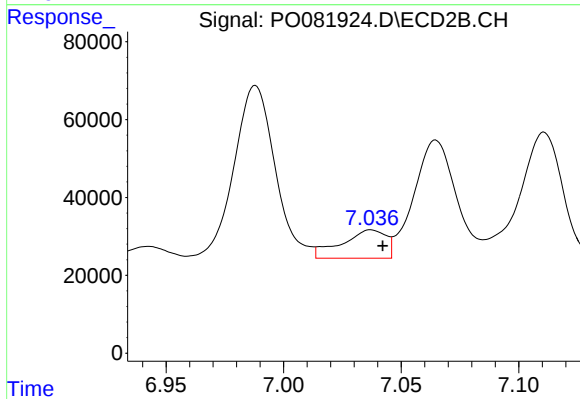
#31 AR-1260-1

R.T.: 6.859 min
Delta R.T.: 0.015 min
Response: 118648
Conc: 82.41 ng/ml



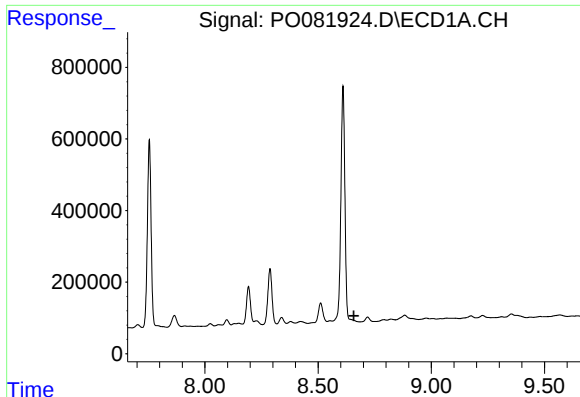
#32 AR-1260-2

R.T.: 8.288 min
Delta R.T.: -0.002 min
Response: 1982018
Conc: 536.68 ng/ml



#32 AR-1260-2

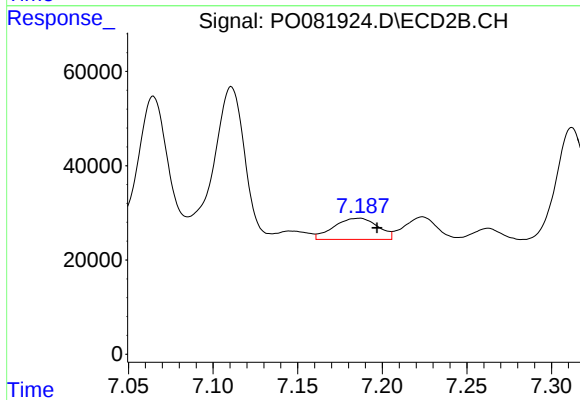
R.T.: 7.037 min
Delta R.T.: -0.005 min
Response: 95965
Conc: 55.58 ng/ml



#33 AR-1260-3

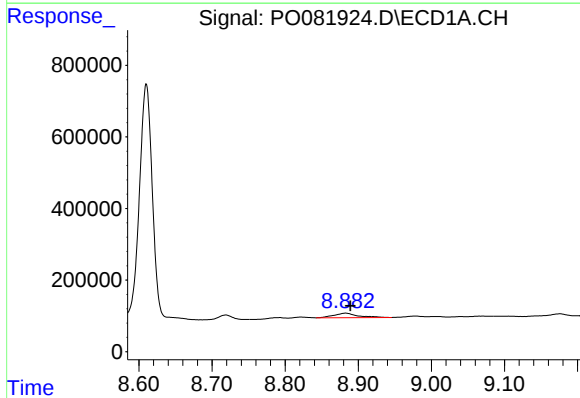
R.T.: 0.000 min
Exp R.T.: 8.658 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



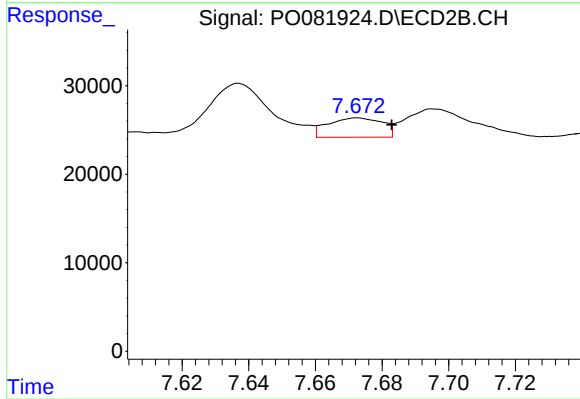
#33 AR-1260-3

R.T.: 7.187 min
Delta R.T.: -0.010 min
Response: 81397
Conc: 49.77 ng/ml



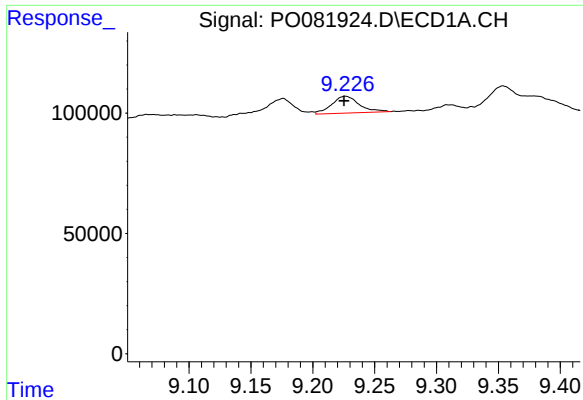
#34 AR-1260-4

R.T.: 8.883 min
Delta R.T.: -0.006 min
Response: 291849
Conc: 97.75 ng/ml



#34 AR-1260-4

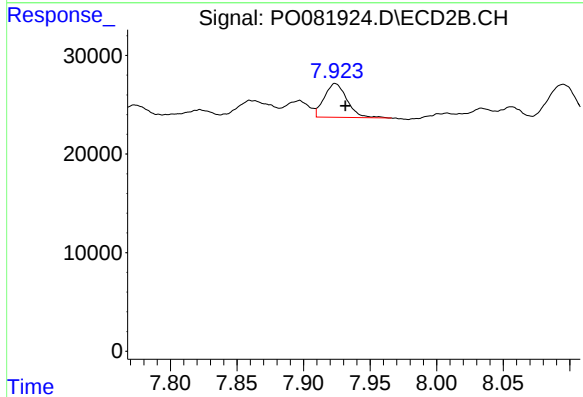
R.T.: 7.673 min
Delta R.T.: -0.010 min
Response: 24846
Conc: 20.66 ng/ml



#35 AR-1260-5

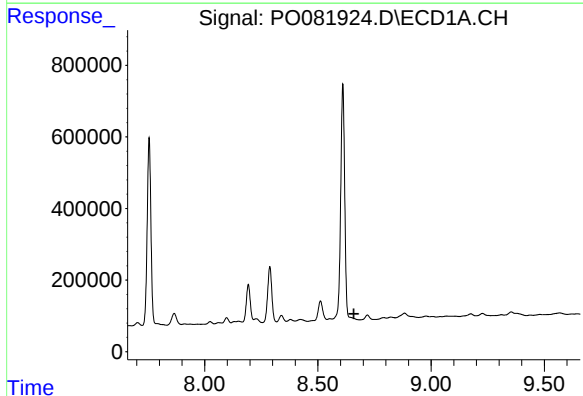
R.T.: 9.226 min
Delta R.T.: 0.001 min
Response: 108586
Conc: 18.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



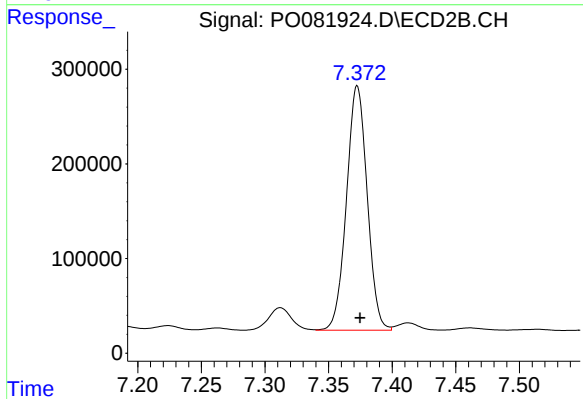
#35 AR-1260-5

R.T.: 7.924 min
Delta R.T.: -0.008 min
Response: 40924
Conc: 14.47 ng/ml



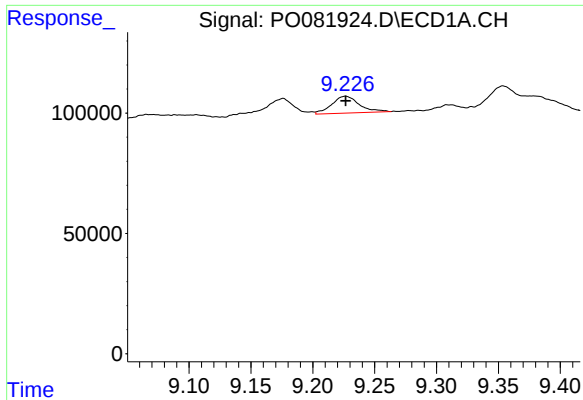
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.659 min
Response: 0
Conc: N.D.



#36 AR-1262-1

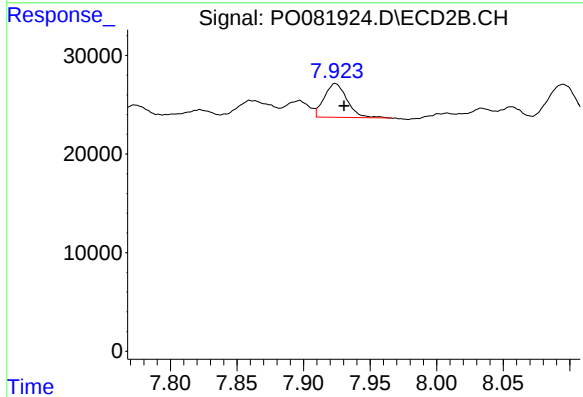
R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 2925736
Conc: 2927.60 ng/ml



#37 AR-1262-2

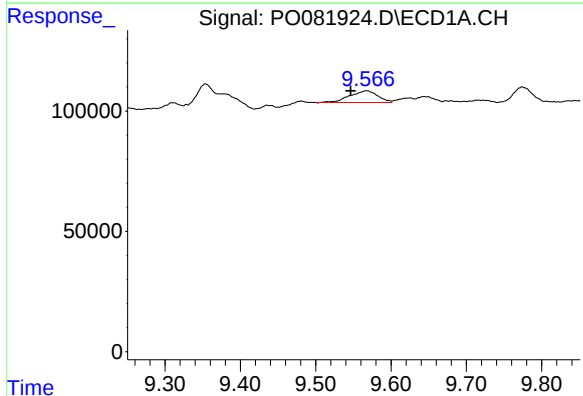
R.T.: 9.226 min
Delta R.T.: 0.000 min
Response: 108586
Conc: 15.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



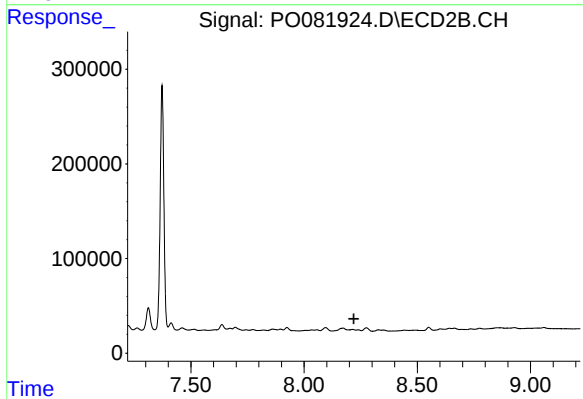
#37 AR-1262-2

R.T.: 7.924 min
Delta R.T.: -0.006 min
Response: 40924
Conc: 12.70 ng/ml



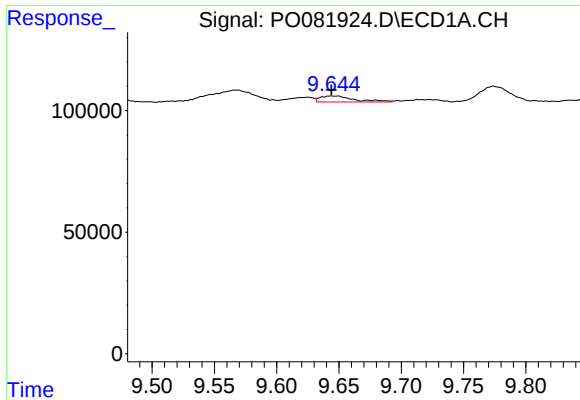
#38 AR-1262-3

R.T.: 9.568 min
Delta R.T.: 0.021 min
Response: 126452
Conc: 37.21 ng/ml



#38 AR-1262-3

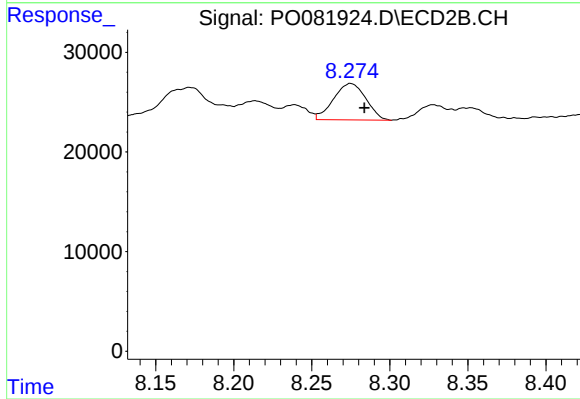
R.T.: 0.000 min
Exp R.T.: 8.220 min
Response: 0
Conc: N.D.



#39 AR-1262-4

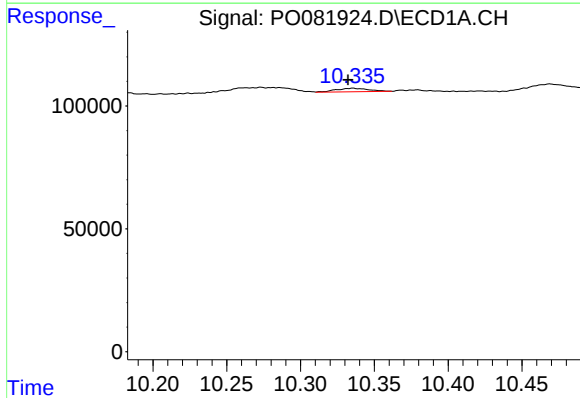
R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 46801
Conc: 23.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



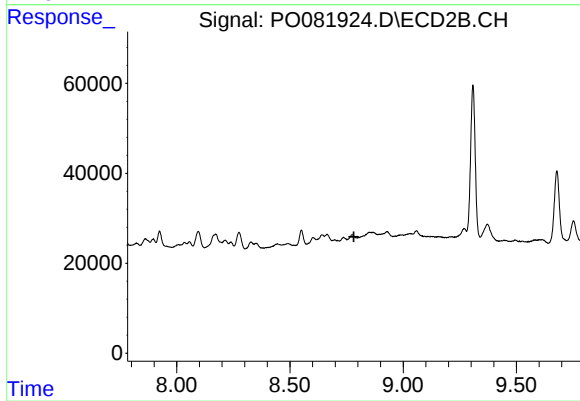
#39 AR-1262-4

R.T.: 8.275 min
Delta R.T.: -0.009 min
Response: 52618
Conc: 21.86 ng/ml



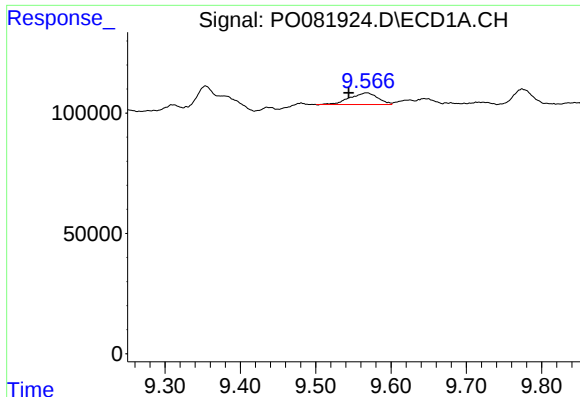
#40 AR-1262-5

R.T.: 10.336 min
Delta R.T.: 0.003 min
Response: 21530
Conc: 8.35 ng/ml



#40 AR-1262-5

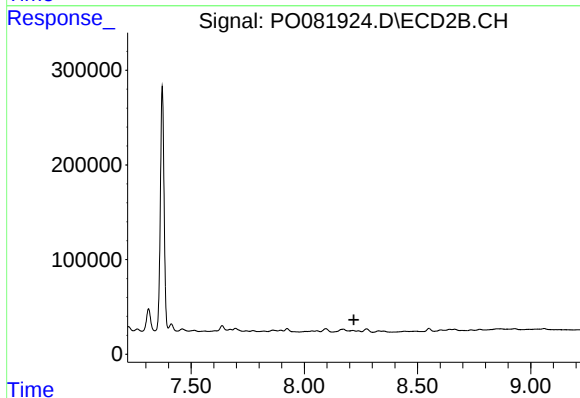
R.T.: 0.000 min
Exp R.T.: 8.782 min
Response: 0
Conc: N.D.



#41 AR-1268-1

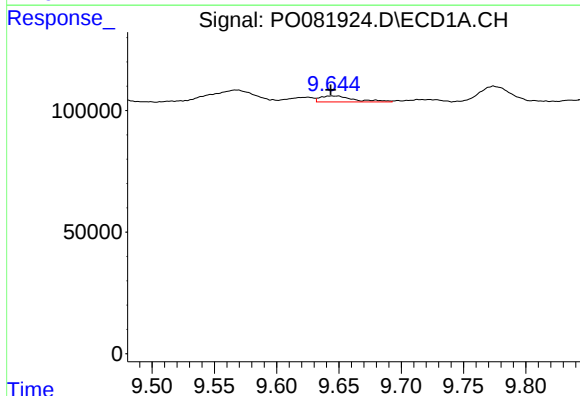
R.T.: 9.568 min
Delta R.T.: 0.024 min
Response: 126452
Conc: 14.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



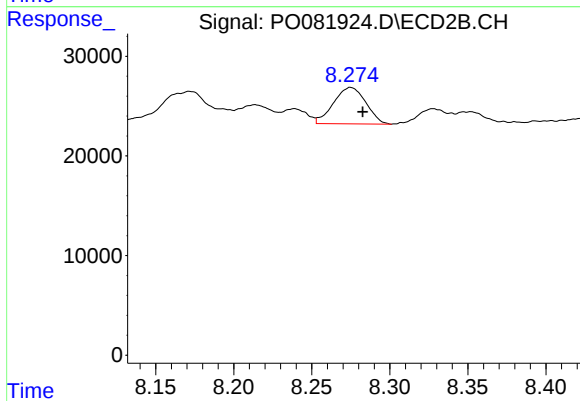
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.219 min
Response: 0
Conc: N.D.



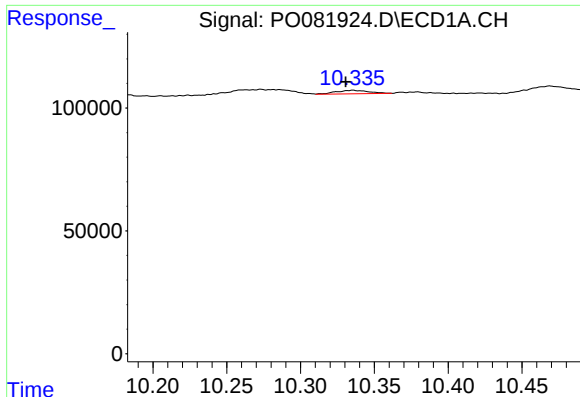
#42 AR-1268-2

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 46801
Conc: 5.95 ng/ml



#42 AR-1268-2

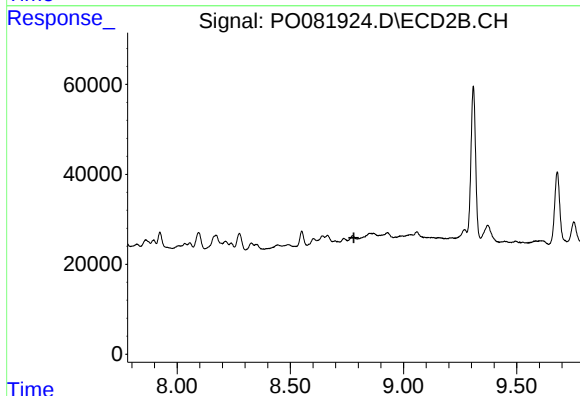
R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 52618
Conc: 14.86 ng/ml



#44 AR-1268-4

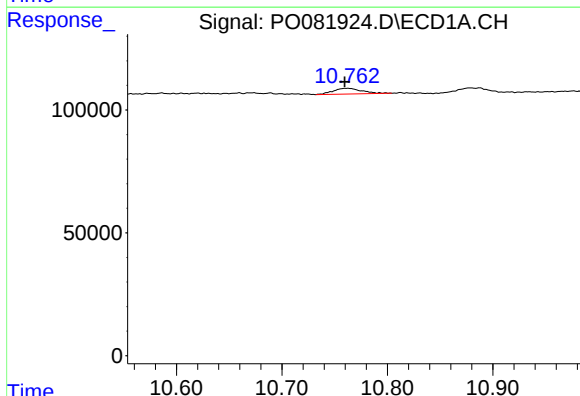
R.T.: 10.336 min
Delta R.T.: 0.005 min
Response: 21530
Conc: 7.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



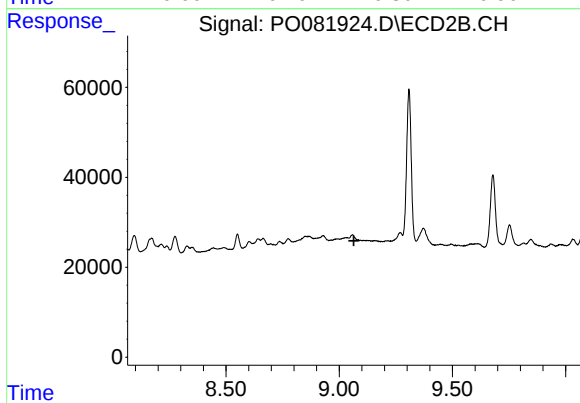
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.781 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.762 min
Delta R.T.: 0.002 min
Response: 43069
Conc: 1.94 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.065 min
Response: 0
Conc: N.D.