

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122021\
 Data File : PO083891.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Dec 2021 22:04
 Operator : AJ\MA
 Sample : M5167-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:54:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121521.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 16 04:05:27 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...	4.935	3.942	2319007	725496	24.342	24.733
2)	SA Decachlor...	11.007	9.236	1752919	705763	25.592	25.135
Target Compounds							
3)	L1 AR-1016-1	6.267	5.214f	31598	23538	9.929	19.129 #
4)	L1 AR-1016-2	6.291	5.214	54017	23538	11.869	13.707
5)	L1 AR-1016-3	6.355	0.000	32685	0	12.016	N.D. #
6)	L1 AR-1016-4	6.468	0.000	27233	0	12.264	N.D. #
7)	L1 AR-1016-5	6.780	0.000	24637	0	11.602	N.D. #
8)	L2 AR-1221-1	5.198	0.000	108489	0	107.588	N.D. #
9)	L2 AR-1221-2	5.291	0.000	27495	0	38.480	N.D. #
12)	L3 AR-1232-2	0.000	5.214	0	23538	N.D.	32.852 #
13)	L3 AR-1232-3	6.291	0.000	54017	0	29.577	N.D. #
14)	L3 AR-1232-4	6.468	0.000	27233	0	30.334	N.D. #
15)	L3 AR-1232-5	6.562	0.000	43387	0	71.839	N.D. #
16)	L4 AR-1242-1	6.267	5.214f	31598	23538	13.265	24.902 #
17)	L4 AR-1242-2	6.291	5.214	54017	23538	15.863	17.962
18)	L4 AR-1242-3	6.355	0.000	32685	0	15.970	N.D. #
19)	L4 AR-1242-4	6.468	0.000	27233	0	16.305	N.D. #
20)	L4 AR-1242-5	7.254	6.065	22396	169063	12.922	192.465 #
21)	L5 AR-1248-1	6.267	5.214f	31598	23538	18.103	33.814 #
22)	L5 AR-1248-2	6.562	0.000	43387	0	18.785	N.D. #
23)	L5 AR-1248-3	6.780	0.000	24637	0	9.128	N.D. #
24)	L5 AR-1248-4	7.209	0.000	24858	0	8.442	N.D. #
25)	L5 AR-1248-5	7.254	0.000	22396	0	7.888	N.D. #
26)	L6 AR-1254-1	7.182	6.065	339719	169063	110.292	92.134
27)	L6 AR-1254-2	7.412	6.226	405132	174412	87.300	109.813 #
28)	L6 AR-1254-3	7.797	6.664f	200157	257450	42.926	107.482 #
29)	L6 AR-1254-4	8.095	6.886	102626	43162	30.022	25.689
30)	L6 AR-1254-5	8.526	7.315	644541	341240	180.796	160.713
31)	L7 AR-1260-1	7.964	6.783	617768	324681	190.657	193.714
32)	L7 AR-1260-2	8.231	6.982	604175	353232	155.982	171.073
33)	L7 AR-1260-3	8.598	7.135	294781	309734	99.509	174.965 #
34)	L7 AR-1260-4	8.832	7.619	362576	169893	105.997	115.303
35)	L7 AR-1260-5	9.162	7.869	527839	325729	78.342	84.166
36)	L8 AR-1262-1	8.598	7.315	294781	341240	73.088	310.121 #
37)	L8 AR-1262-2	9.162	7.869	527839	325729	75.439	79.260
38)	L8 AR-1262-3	9.500f	8.155	341124	67912	109.028	39.331 #
39)	L8 AR-1262-4	9.552f	8.217	181657	218291	91.331	73.686
40)	L8 AR-1262-5	10.249	8.719	80662	43622	30.000	31.376
41)	L9 AR-1268-1	9.500f	8.155	341124	67912	37.780	12.613 #
42)	L9 AR-1268-2	9.552f	8.217	181657	218291	21.641	47.497 #
44)	L9 AR-1268-4	10.249	8.719	80662	43622	25.903	26.600

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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

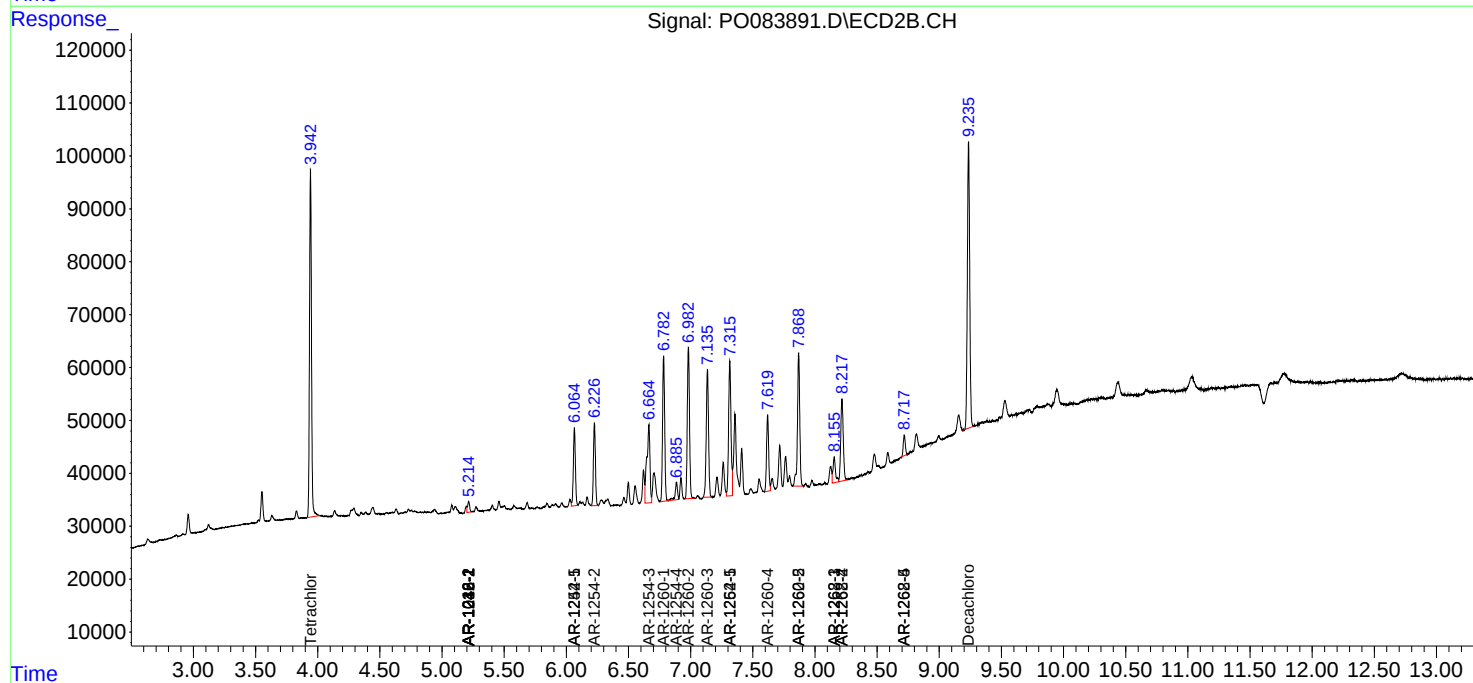
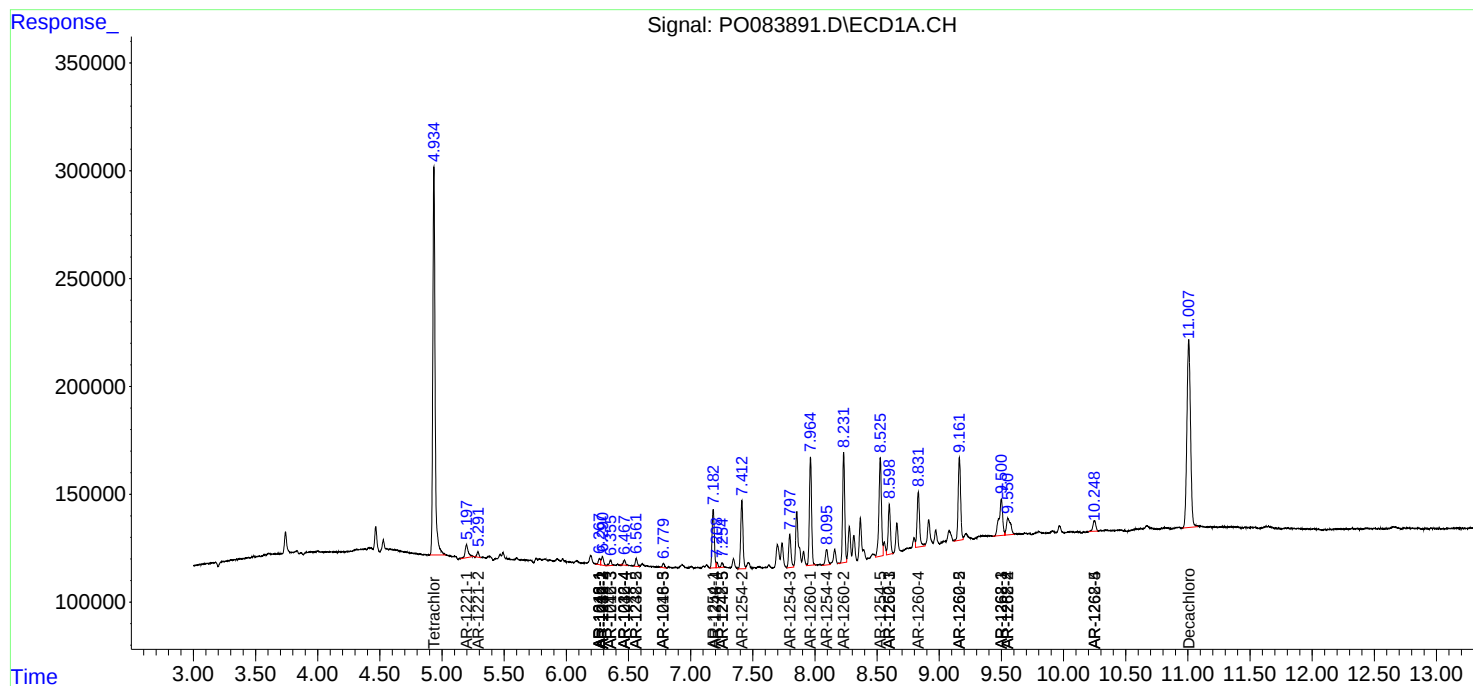
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

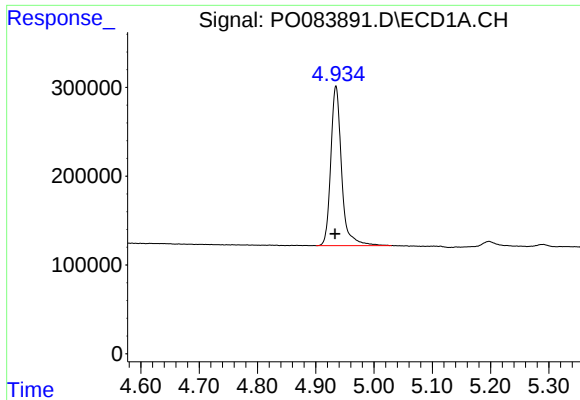
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122021\
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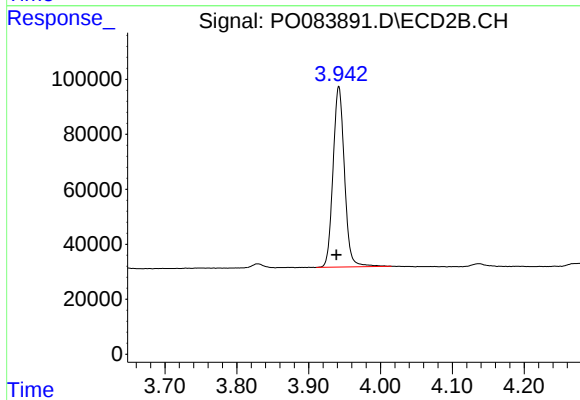




#1 Tetrachloro-m-xylene

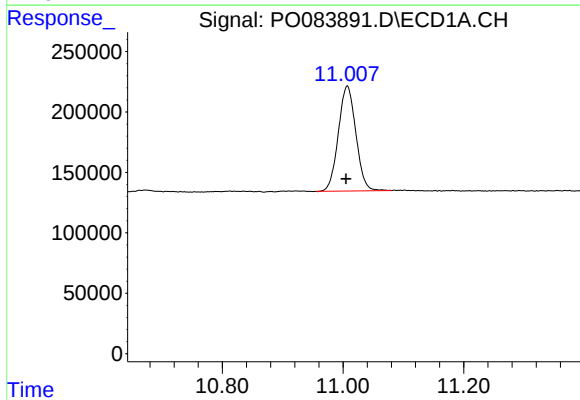
R.T.: 4.935 min
Delta R.T.: 0.002 min
Response: 2319007
Conc: 24.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



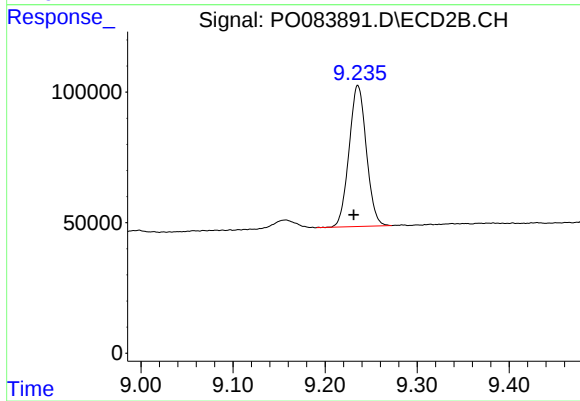
#1 Tetrachloro-m-xylene

R.T.: 3.942 min
Delta R.T.: 0.003 min
Response: 725496
Conc: 24.73 ng/ml



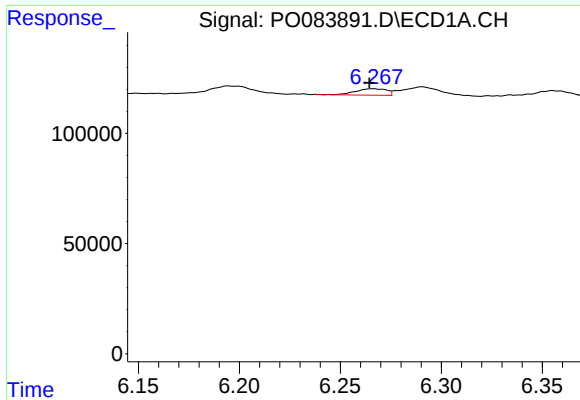
#2 Decachlorobiphenyl

R.T.: 11.007 min
Delta R.T.: 0.002 min
Response: 1752919
Conc: 25.59 ng/ml



#2 Decachlorobiphenyl

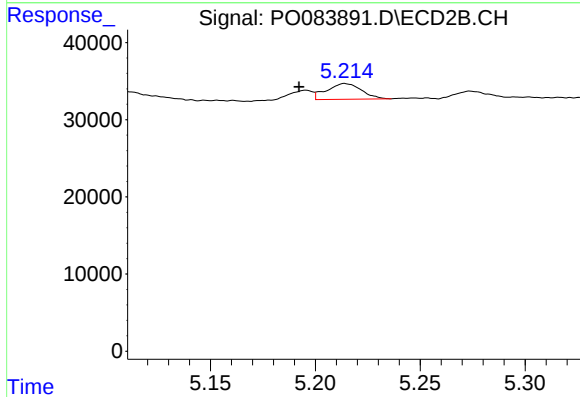
R.T.: 9.236 min
Delta R.T.: 0.005 min
Response: 705763
Conc: 25.13 ng/ml



#3 AR-1016-1

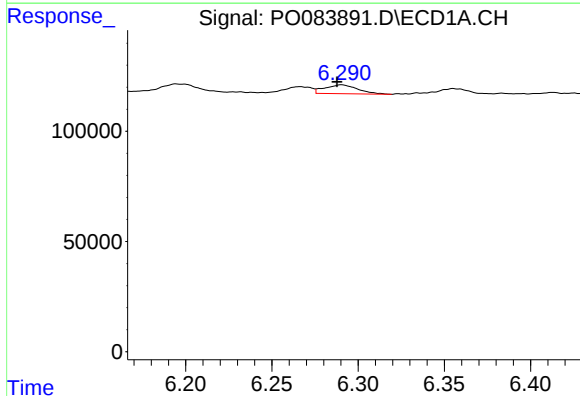
R.T.: 6.267 min
Delta R.T.: 0.002 min
Response: 31598
Conc: 9.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



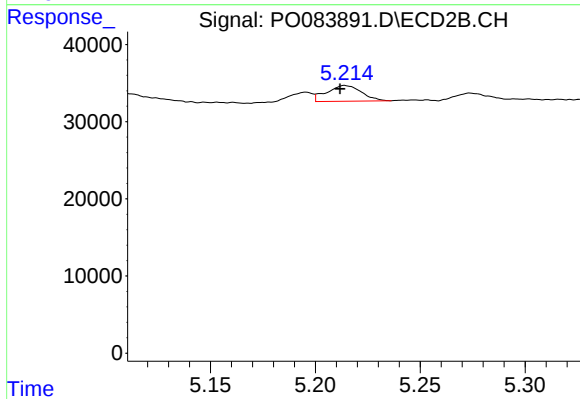
#3 AR-1016-1

R.T.: 5.214 min
Delta R.T.: 0.022 min
Response: 23538
Conc: 19.13 ng/ml



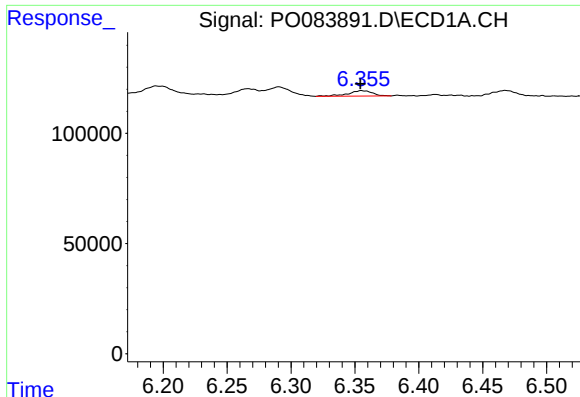
#4 AR-1016-2

R.T.: 6.291 min
Delta R.T.: 0.003 min
Response: 54017
Conc: 11.87 ng/ml



#4 AR-1016-2

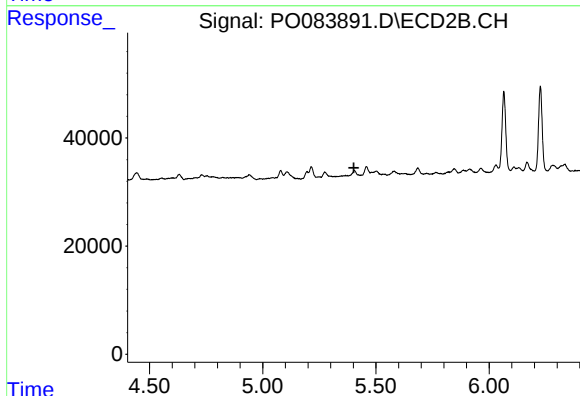
R.T.: 5.214 min
Delta R.T.: 0.002 min
Response: 23538
Conc: 13.71 ng/ml



#5 AR-1016-3

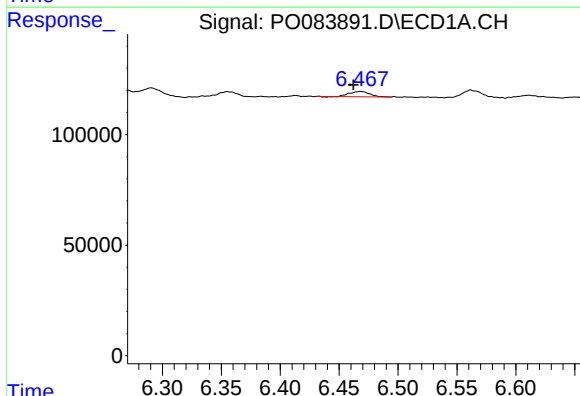
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 32685
Conc: 12.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



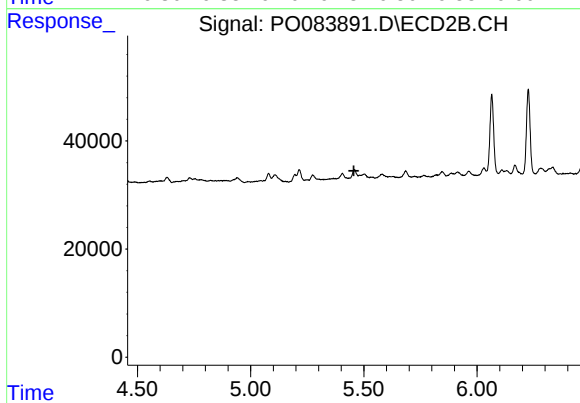
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.402 min
Response: 0
Conc: N.D.



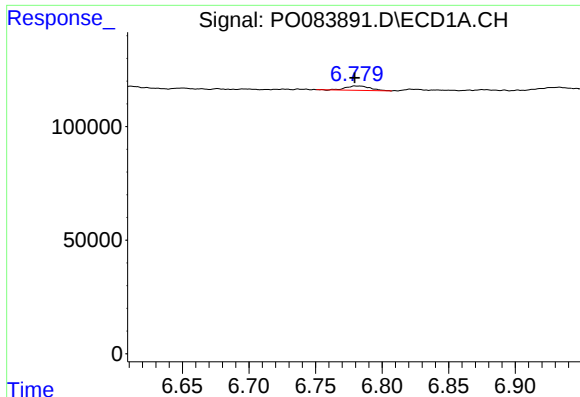
#6 AR-1016-4

R.T.: 6.468 min
Delta R.T.: 0.006 min
Response: 27233
Conc: 12.26 ng/ml



#6 AR-1016-4

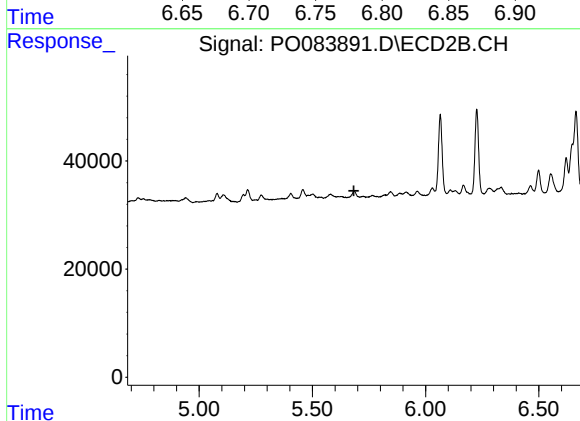
R.T.: 0.000 min
Exp R.T. : 5.456 min
Response: 0
Conc: N.D.



#7 AR-1016-5

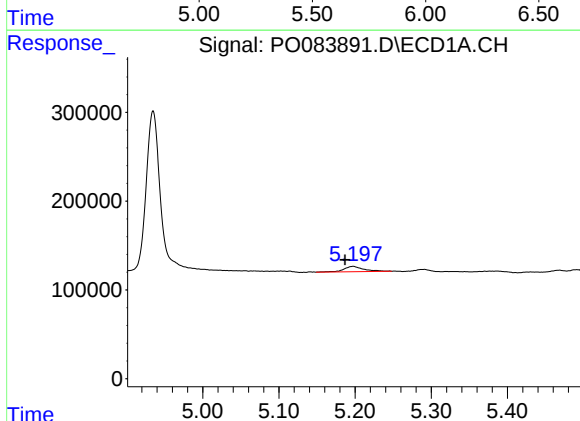
R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 24637
Conc: 11.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



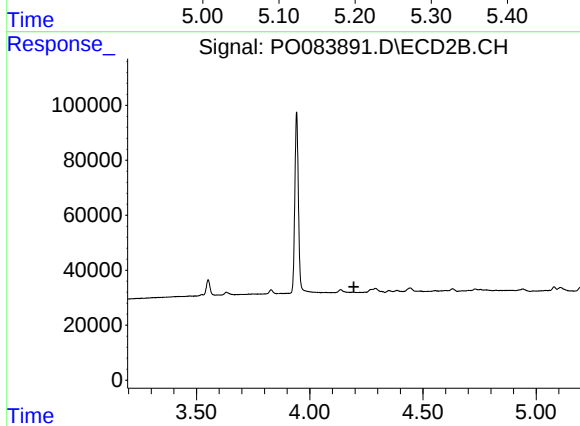
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



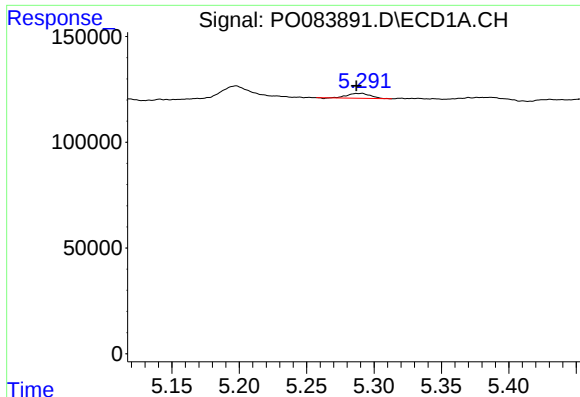
#8 AR-1221-1

R.T.: 5.198 min
Delta R.T.: 0.011 min
Response: 108489
Conc: 107.59 ng/ml



#8 AR-1221-1

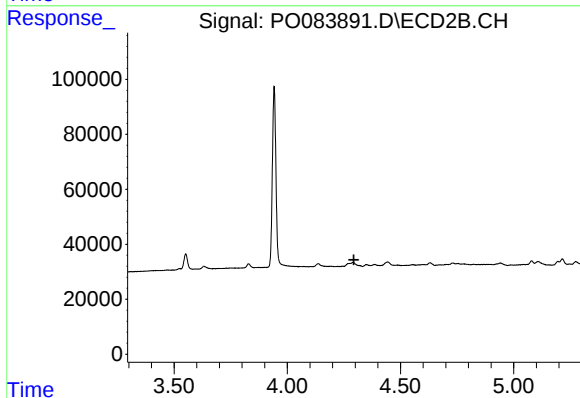
R.T.: 0.000 min
Exp R.T. : 4.195 min
Response: 0
Conc: N.D.



#9 AR-1221-2

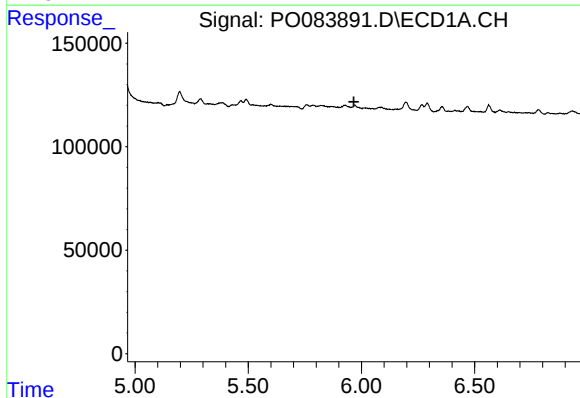
R.T.: 5.291 min
Delta R.T.: 0.004 min
Response: 27495
Conc: 38.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



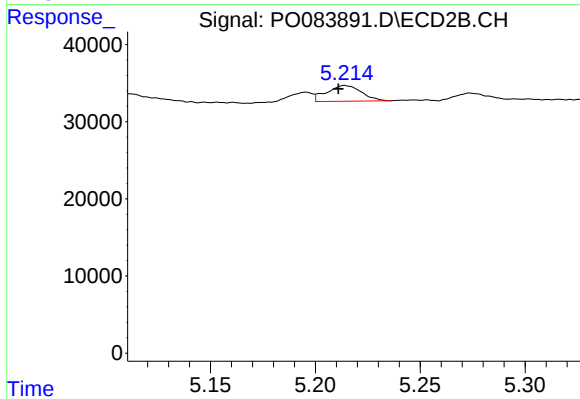
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.294 min
Response: 0
Conc: N.D.



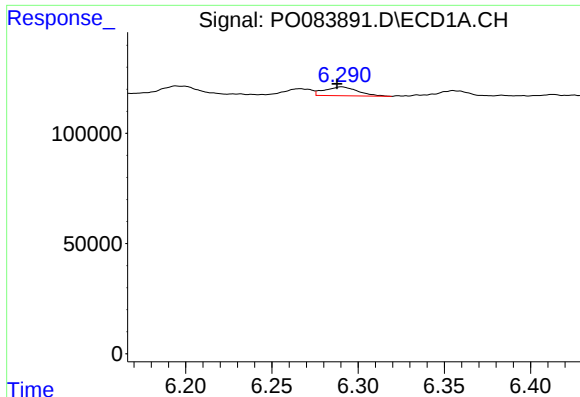
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.967 min
Response: 0
Conc: N.D.



#12 AR-1232-2

R.T.: 5.214 min
Delta R.T.: 0.003 min
Response: 23538
Conc: 32.85 ng/ml



#13 AR-1232-3

R.T.: 6.291 min
Delta R.T.: 0.003 min
Response: 54017
Conc: 29.58 ng/ml

Instrument :
ECD_O
ClientSampleId :

#13 AR-1232-3

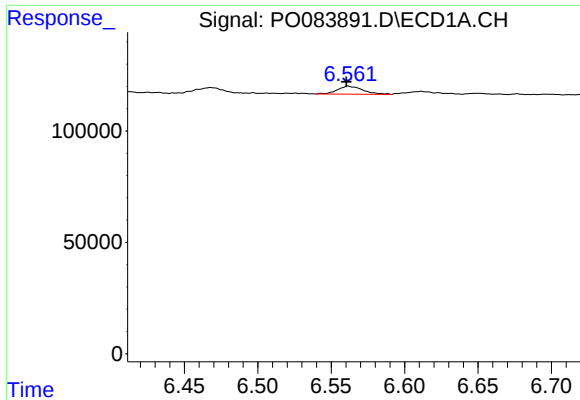
R.T.: 0.000 min
Exp R.T. : 5.402 min
Response: 0
Conc: N.D.

#14 AR-1232-4

R.T.: 6.468 min
Delta R.T.: 0.006 min
Response: 27233
Conc: 30.33 ng/ml

#14 AR-1232-4

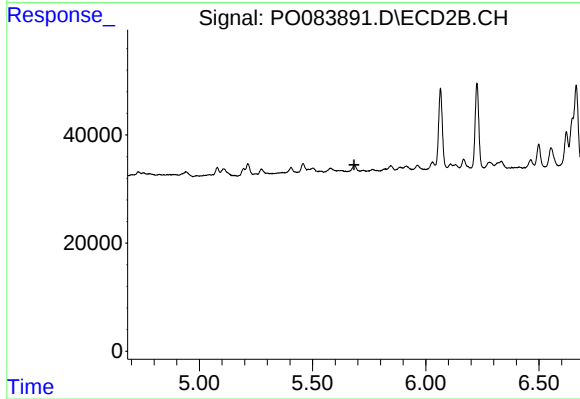
R.T.: 0.000 min
Exp R.T. : 5.499 min
Response: 0
Conc: N.D.



#15 AR-1232-5

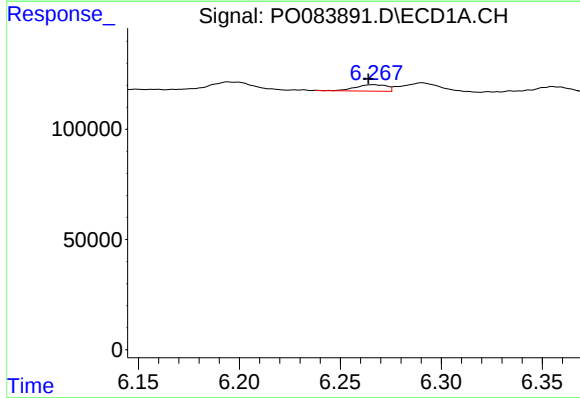
R.T.: 6.562 min
Delta R.T.: 0.001 min
Response: 43387
Conc: 71.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



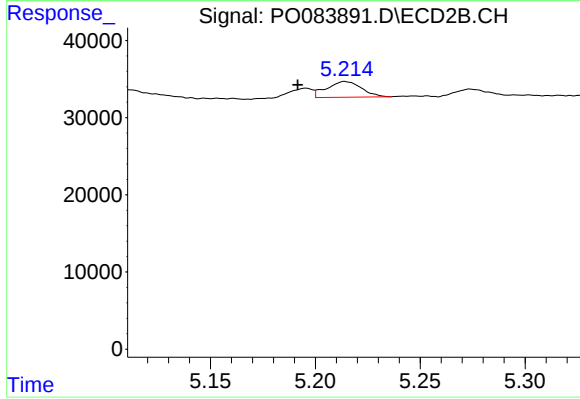
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



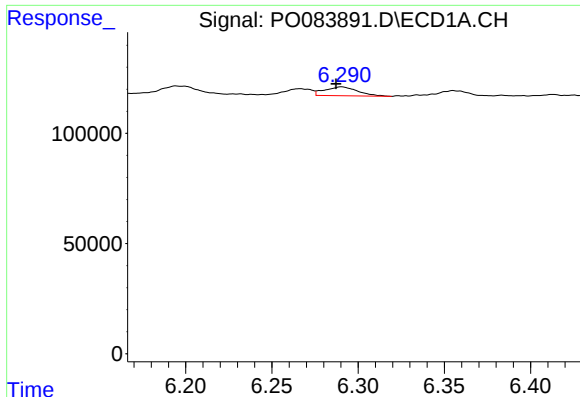
#16 AR-1242-1

R.T.: 6.267 min
Delta R.T.: 0.003 min
Response: 31598
Conc: 13.26 ng/ml



#16 AR-1242-1

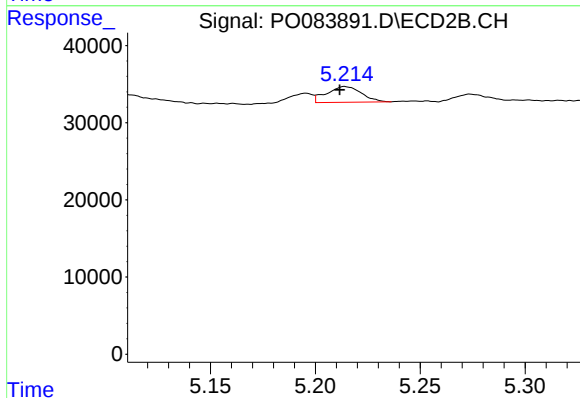
R.T.: 5.214 min
Delta R.T.: 0.022 min
Response: 23538
Conc: 24.90 ng/ml



#17 AR-1242-2

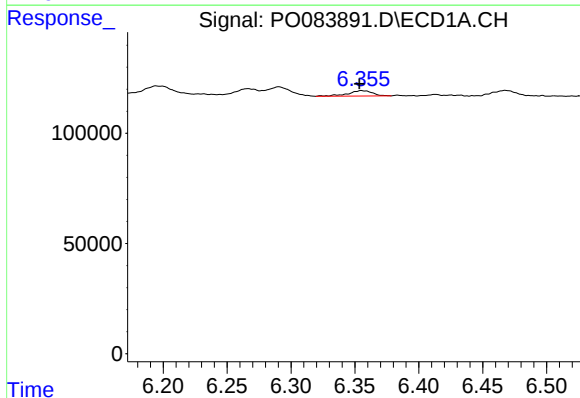
R.T.: 6.291 min
Delta R.T.: 0.003 min
Response: 54017
Conc: 15.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



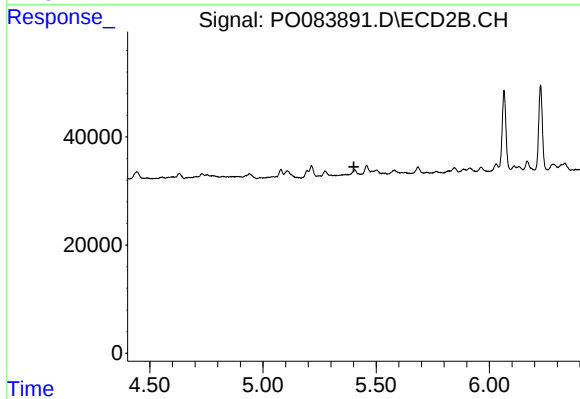
#17 AR-1242-2

R.T.: 5.214 min
Delta R.T.: 0.002 min
Response: 23538
Conc: 17.96 ng/ml



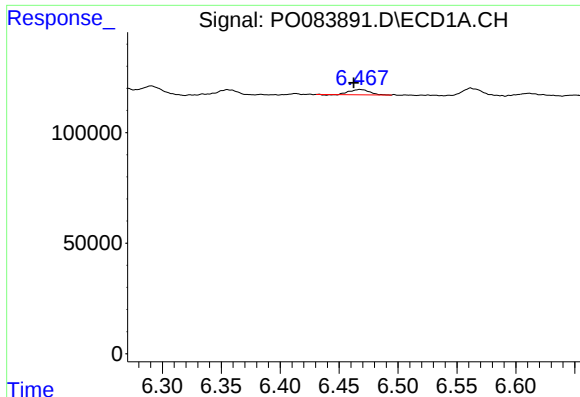
#18 AR-1242-3

R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 32685
Conc: 15.97 ng/ml



#18 AR-1242-3

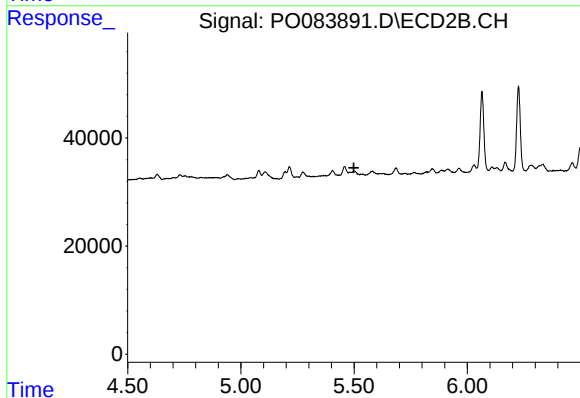
R.T.: 0.000 min
Exp R.T. : 5.402 min
Response: 0
Conc: N.D.



#19 AR-1242-4

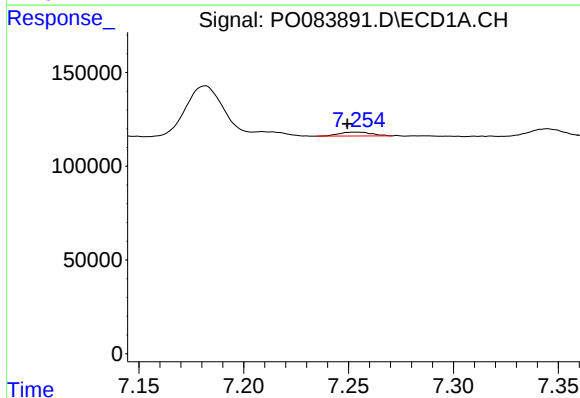
R.T.: 6.468 min
Delta R.T.: 0.005 min
Response: 27233
Conc: 16.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



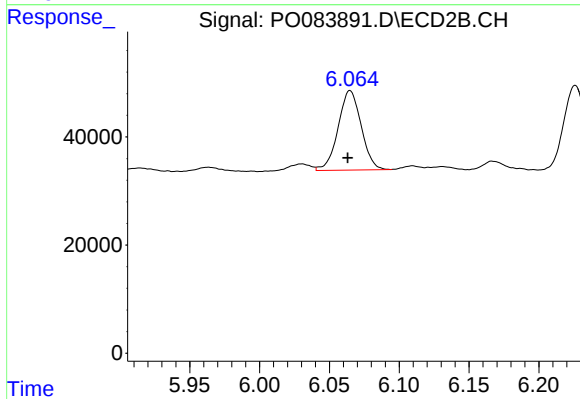
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.499 min
Response: 0
Conc: N.D.



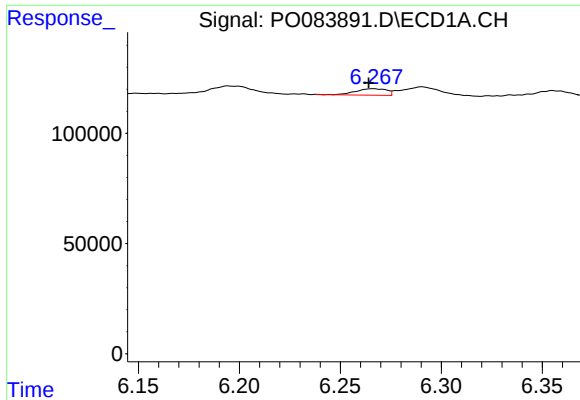
#20 AR-1242-5

R.T.: 7.254 min
Delta R.T.: 0.004 min
Response: 22396
Conc: 12.92 ng/ml



#20 AR-1242-5

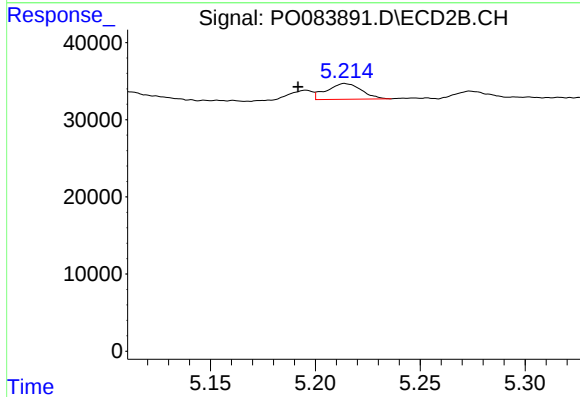
R.T.: 6.065 min
Delta R.T.: 0.002 min
Response: 169063
Conc: 192.46 ng/ml



#21 AR-1248-1

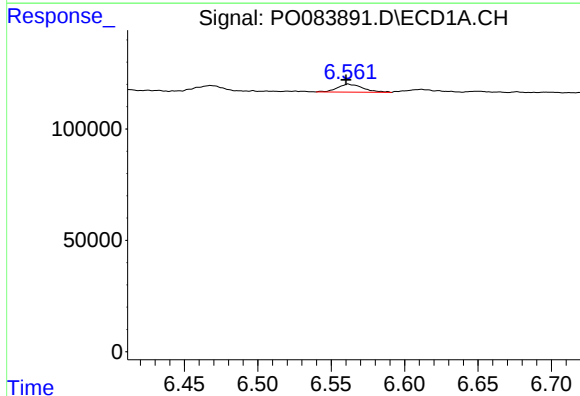
R.T.: 6.267 min
Delta R.T.: 0.003 min
Response: 31598
Conc: 18.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



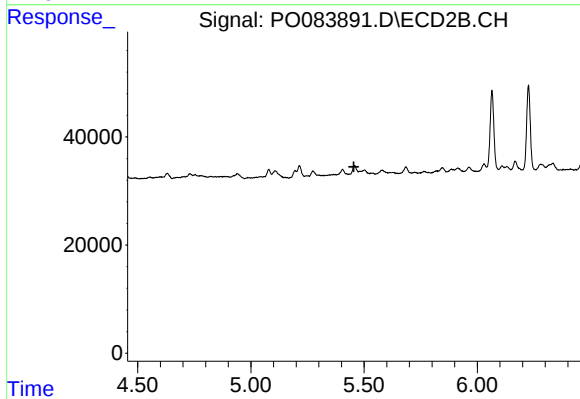
#21 AR-1248-1

R.T.: 5.214 min
Delta R.T.: 0.022 min
Response: 23538
Conc: 33.81 ng/ml



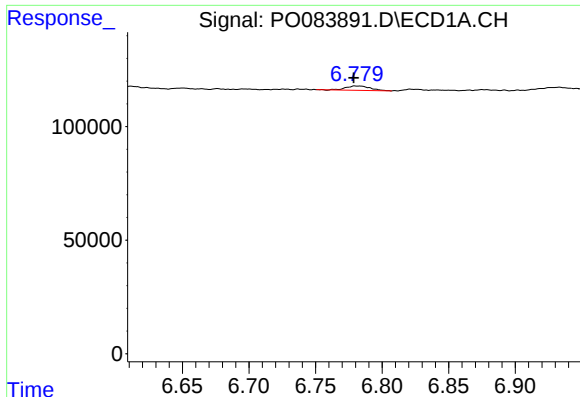
#22 AR-1248-2

R.T.: 6.562 min
Delta R.T.: 0.001 min
Response: 43387
Conc: 18.78 ng/ml



#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.455 min
Response: 0
Conc: N.D.



#23 AR-1248-3

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 24637
Conc: 9.13 ng/ml

Instrument :
ECD_O
ClientSampleId :

#23 AR-1248-3

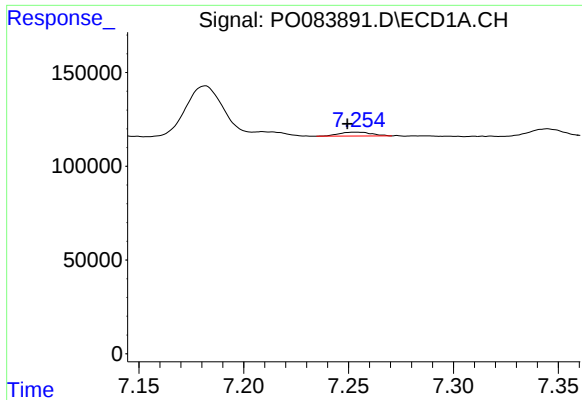
R.T.: 0.000 min
Exp R.T. : 5.499 min
Response: 0
Conc: N.D.

#24 AR-1248-4

R.T.: 7.209 min
Delta R.T.: -0.001 min
Response: 24858
Conc: 8.44 ng/ml

#24 AR-1248-4

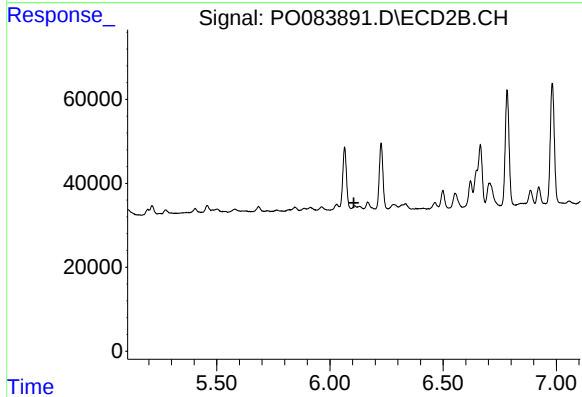
R.T.: 0.000 min
Exp R.T. : 5.683 min
Response: 0
Conc: N.D.



#25 AR-1248-5

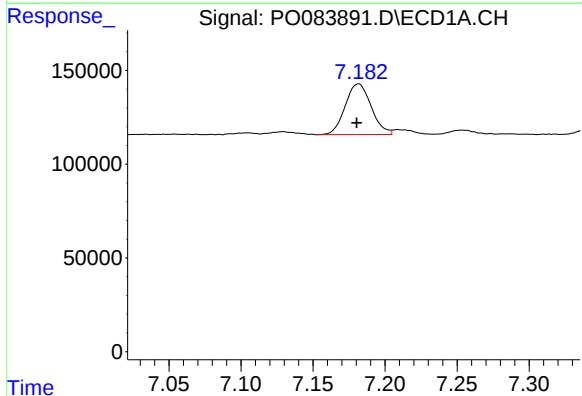
R.T.: 7.254 min
Delta R.T.: 0.004 min
Response: 22396
Conc: 7.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



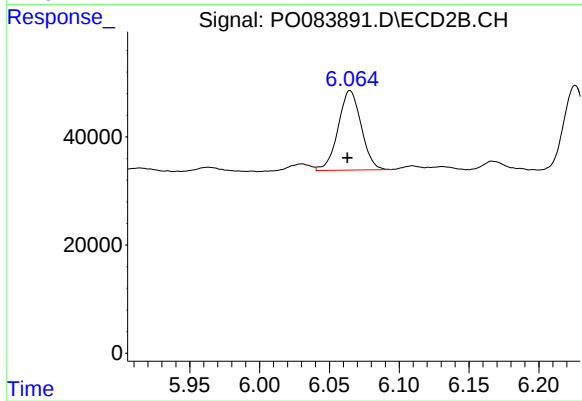
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.106 min
Response: 0
Conc: N.D.



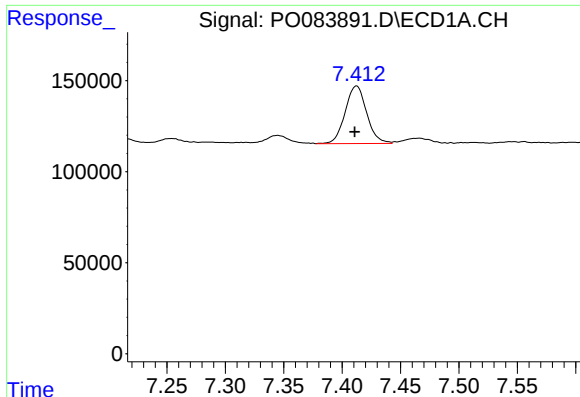
#26 AR-1254-1

R.T.: 7.182 min
Delta R.T.: 0.002 min
Response: 339719
Conc: 110.29 ng/ml



#26 AR-1254-1

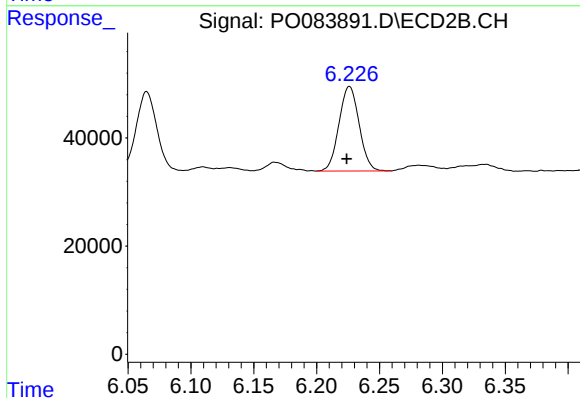
R.T.: 6.065 min
Delta R.T.: 0.002 min
Response: 169063
Conc: 92.13 ng/ml



#27 AR-1254-2

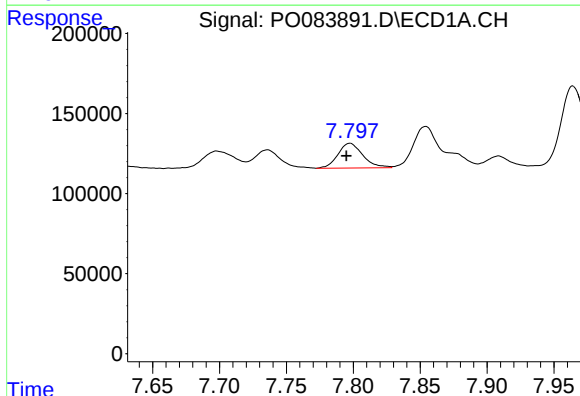
R.T.: 7.412 min
Delta R.T.: 0.002 min
Response: 405132
Conc: 87.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



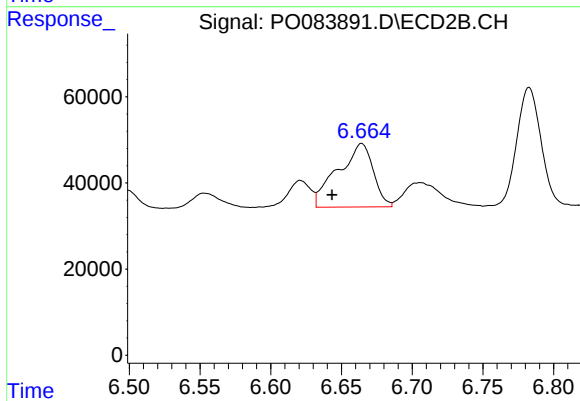
#27 AR-1254-2

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 174412
Conc: 109.81 ng/ml



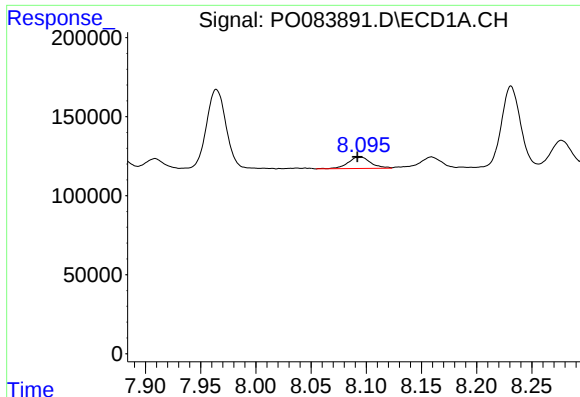
#28 AR-1254-3

R.T.: 7.797 min
Delta R.T.: 0.003 min
Response: 200157
Conc: 42.93 ng/ml



#28 AR-1254-3

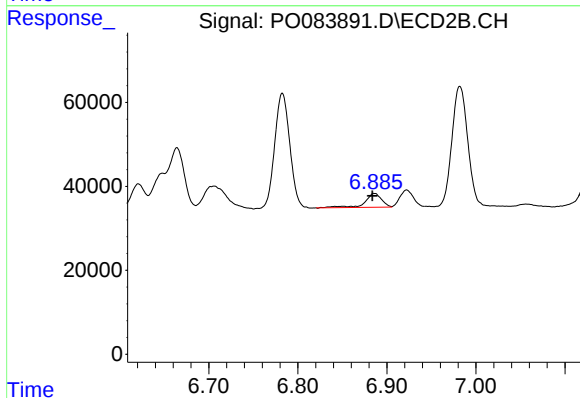
R.T.: 6.664 min
Delta R.T.: 0.021 min
Response: 257450
Conc: 107.48 ng/ml



#29 AR-1254-4

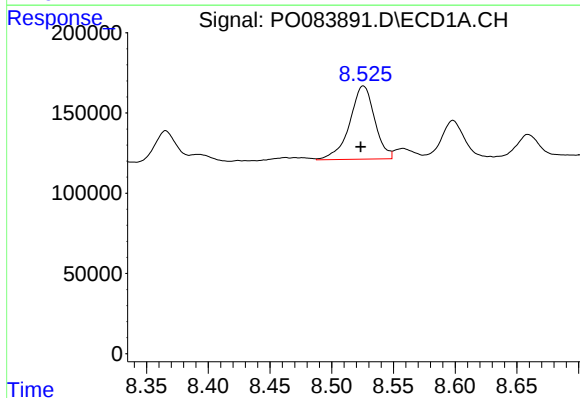
R.T.: 8.095 min
Delta R.T.: 0.003 min
Response: 102626
Conc: 30.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



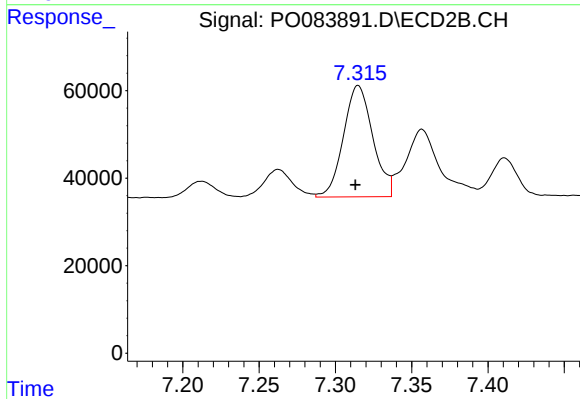
#29 AR-1254-4

R.T.: 6.886 min
Delta R.T.: 0.002 min
Response: 43162
Conc: 25.69 ng/ml



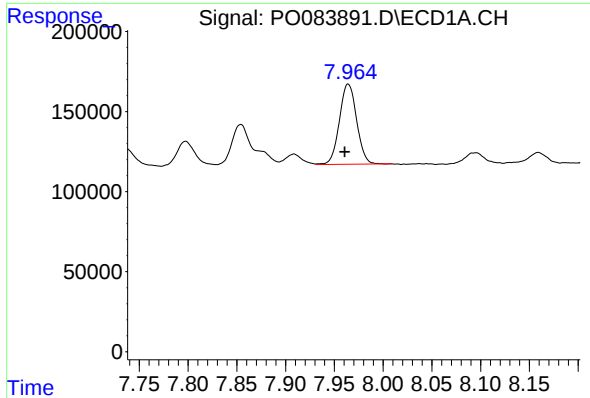
#30 AR-1254-5

R.T.: 8.526 min
Delta R.T.: 0.002 min
Response: 644541
Conc: 180.80 ng/ml



#30 AR-1254-5

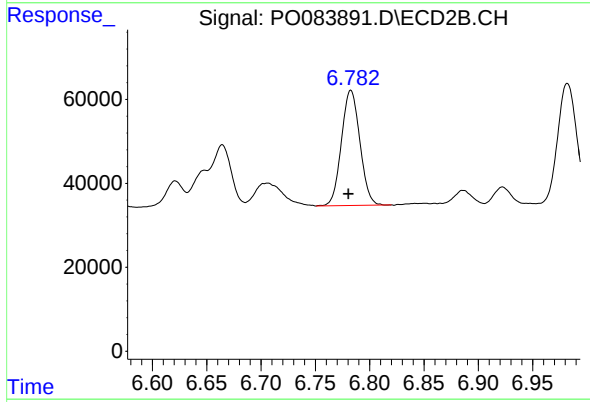
R.T.: 7.315 min
Delta R.T.: 0.002 min
Response: 341240
Conc: 160.71 ng/ml



#31 AR-1260-1

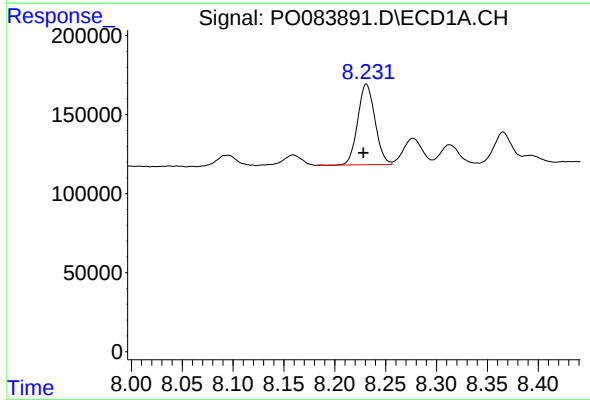
R.T.: 7.964 min
Delta R.T.: 0.003 min
Response: 617768
Conc: 190.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



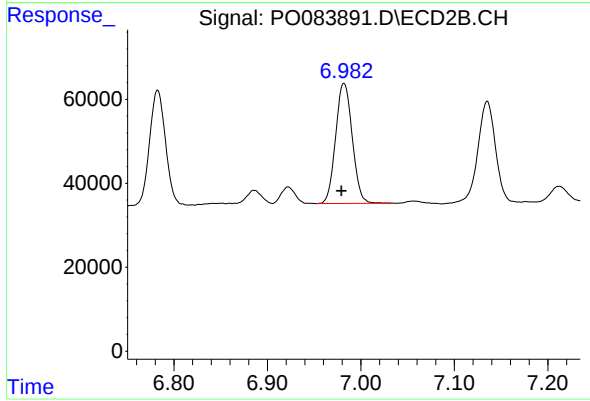
#31 AR-1260-1

R.T.: 6.783 min
Delta R.T.: 0.002 min
Response: 324681
Conc: 193.71 ng/ml



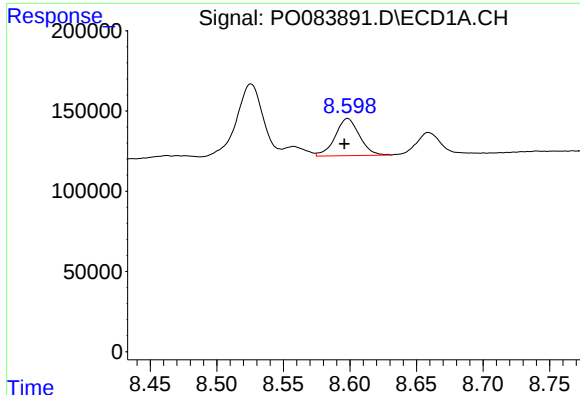
#32 AR-1260-2

R.T.: 8.231 min
Delta R.T.: 0.003 min
Response: 604175
Conc: 155.98 ng/ml



#32 AR-1260-2

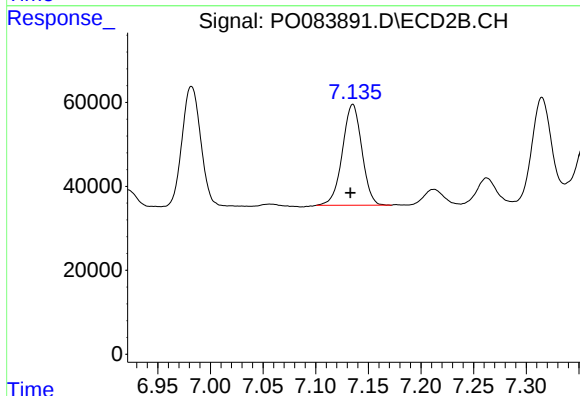
R.T.: 6.982 min
Delta R.T.: 0.003 min
Response: 353232
Conc: 171.07 ng/ml



#33 AR-1260-3

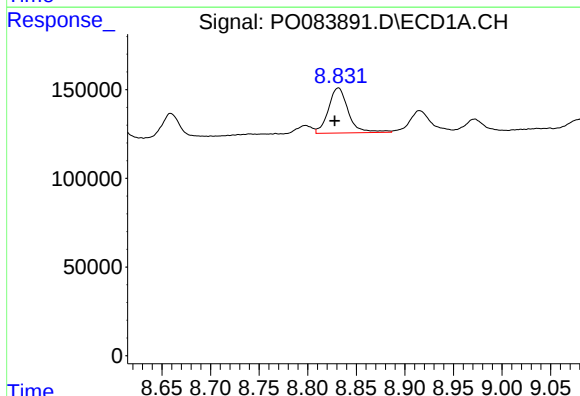
R.T.: 8.598 min
Delta R.T.: 0.002 min
Response: 294781
Conc: 99.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



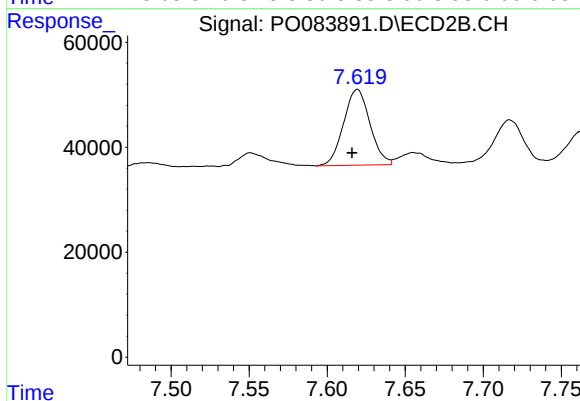
#33 AR-1260-3

R.T.: 7.135 min
Delta R.T.: 0.002 min
Response: 309734
Conc: 174.96 ng/ml



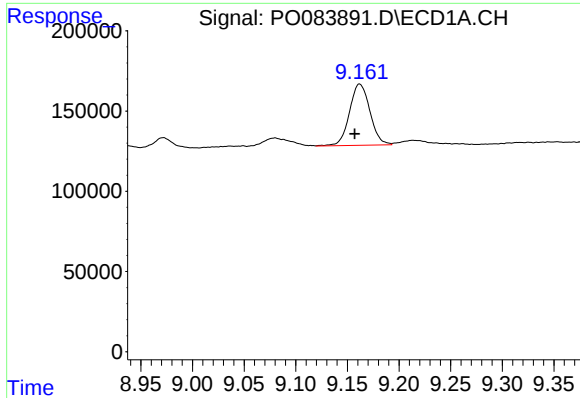
#34 AR-1260-4

R.T.: 8.832 min
Delta R.T.: 0.004 min
Response: 362576
Conc: 106.00 ng/ml



#34 AR-1260-4

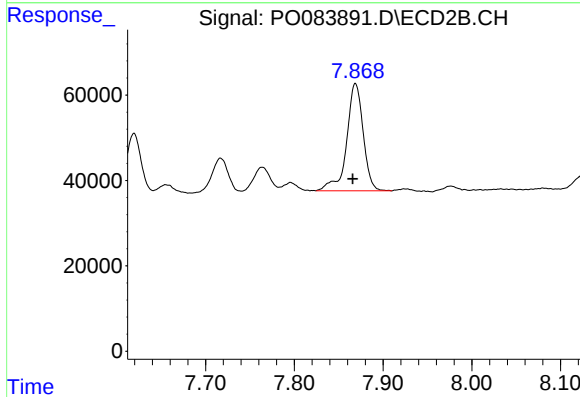
R.T.: 7.619 min
Delta R.T.: 0.003 min
Response: 169893
Conc: 115.30 ng/ml



#35 AR-1260-5

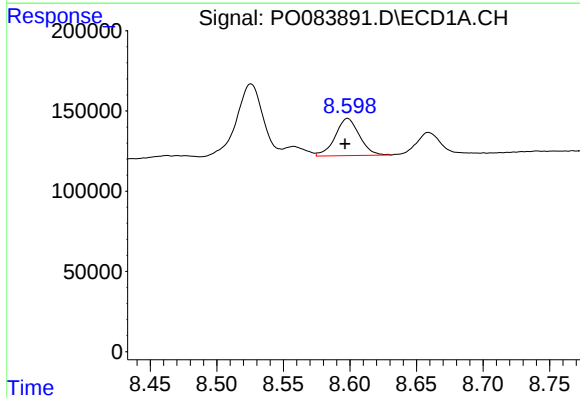
R.T.: 9.162 min
Delta R.T.: 0.005 min
Response: 527839
Conc: 78.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



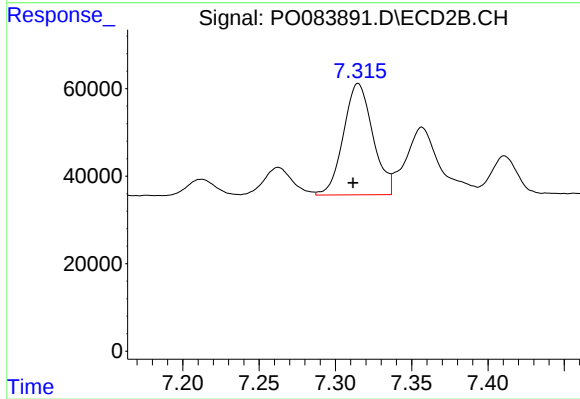
#35 AR-1260-5

R.T.: 7.869 min
Delta R.T.: 0.003 min
Response: 325729
Conc: 84.17 ng/ml



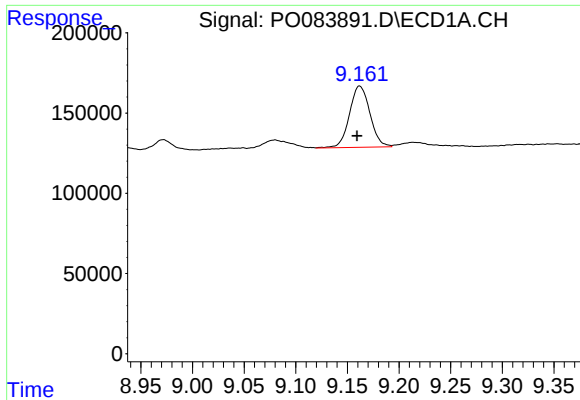
#36 AR-1262-1

R.T.: 8.598 min
Delta R.T.: 0.002 min
Response: 294781
Conc: 73.09 ng/ml



#36 AR-1262-1

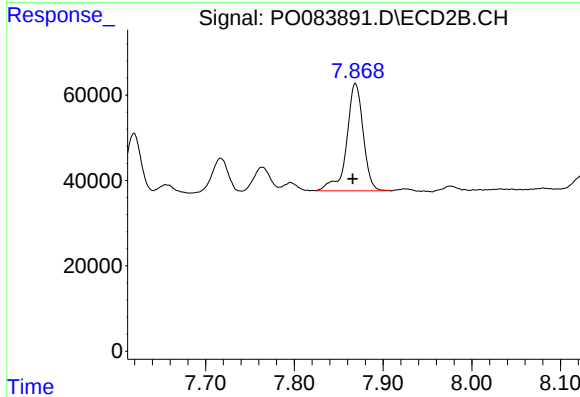
R.T.: 7.315 min
Delta R.T.: 0.003 min
Response: 341240
Conc: 310.12 ng/ml



#37 AR-1262-2

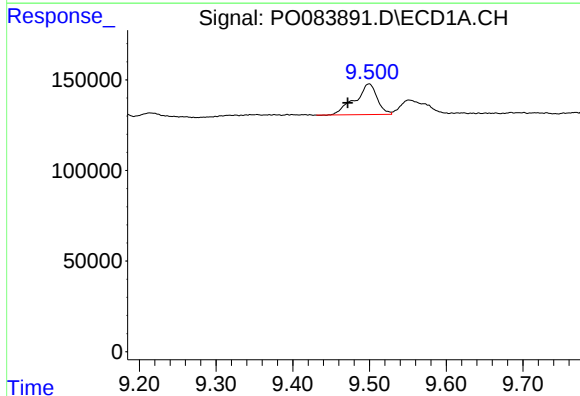
R.T.: 9.162 min
Delta R.T.: 0.003 min
Response: 527839
Conc: 75.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



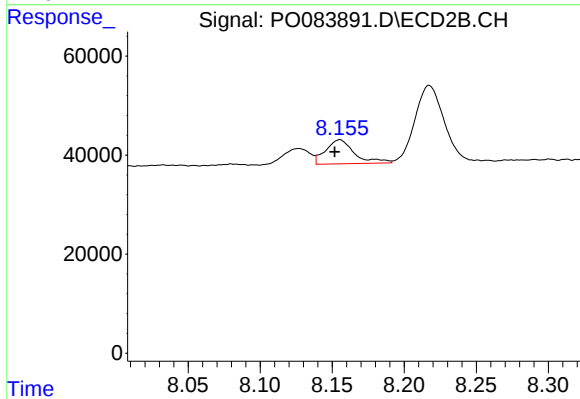
#37 AR-1262-2

R.T.: 7.869 min
Delta R.T.: 0.003 min
Response: 325729
Conc: 79.26 ng/ml



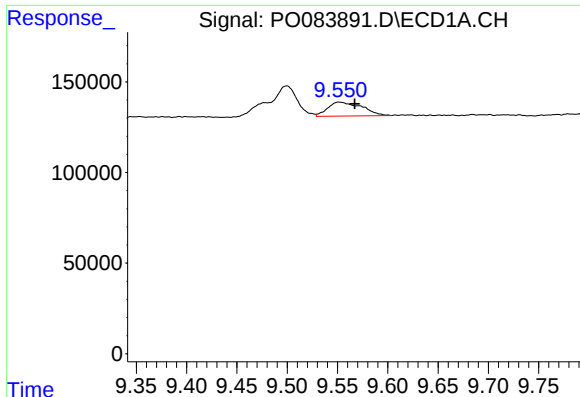
#38 AR-1262-3

R.T.: 9.500 min
Delta R.T.: 0.028 min
Response: 341124
Conc: 109.03 ng/ml



#38 AR-1262-3

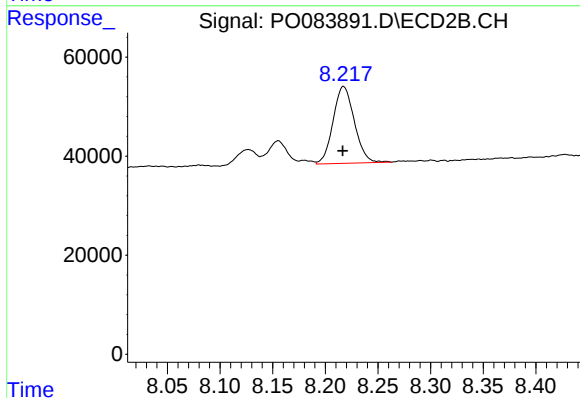
R.T.: 8.155 min
Delta R.T.: 0.003 min
Response: 67912
Conc: 39.33 ng/ml



#39 AR-1262-4

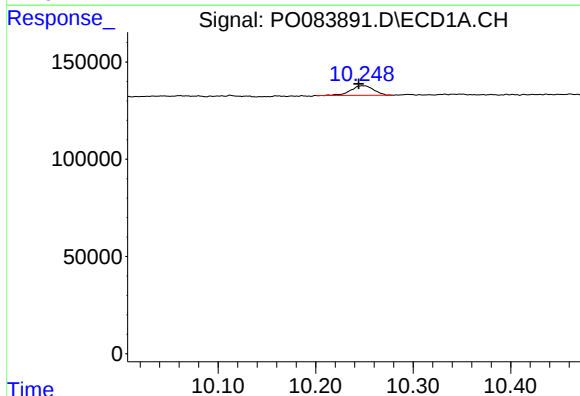
R.T.: 9.552 min
Delta R.T.: -0.016 min
Response: 181657
Conc: 91.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



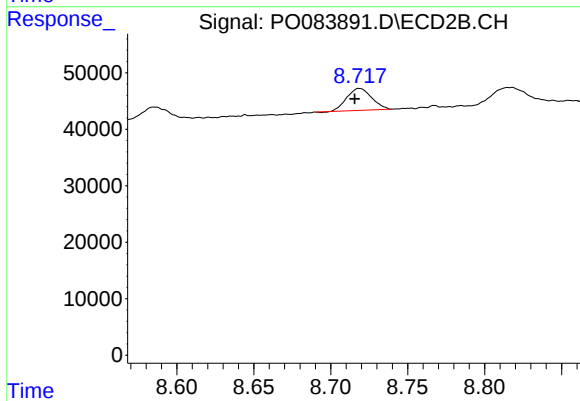
#39 AR-1262-4

R.T.: 8.217 min
Delta R.T.: 0.000 min
Response: 218291
Conc: 73.69 ng/ml



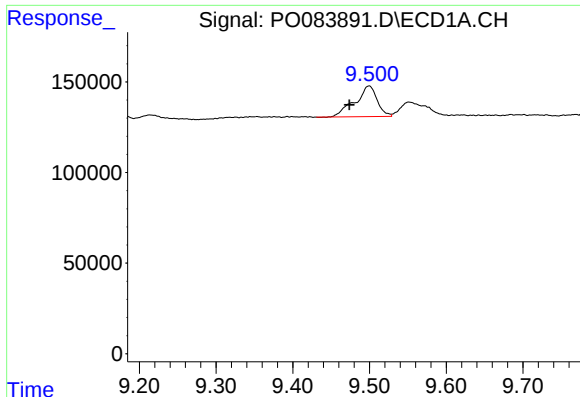
#40 AR-1262-5

R.T.: 10.249 min
Delta R.T.: 0.005 min
Response: 80662
Conc: 30.00 ng/ml



#40 AR-1262-5

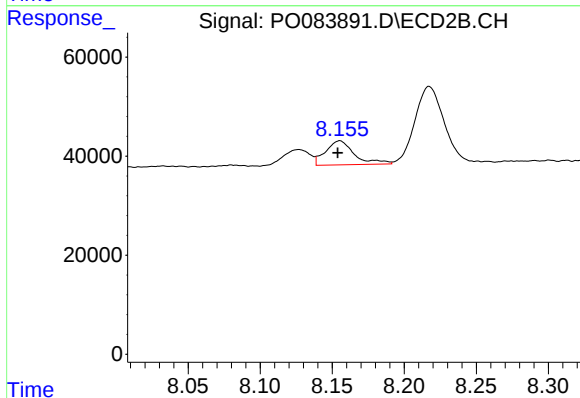
R.T.: 8.719 min
Delta R.T.: 0.003 min
Response: 43622
Conc: 31.38 ng/ml



#41 AR-1268-1

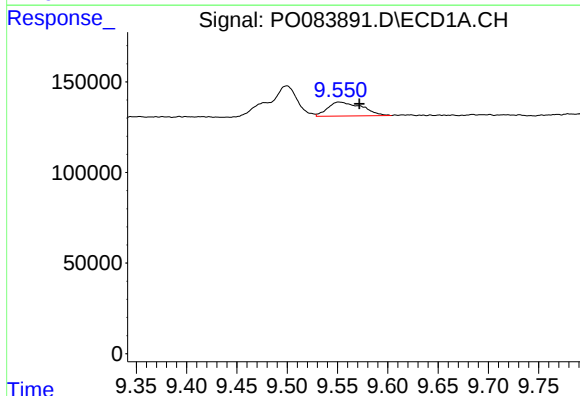
R.T.: 9.500 min
Delta R.T.: 0.026 min
Response: 341124
Conc: 37.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



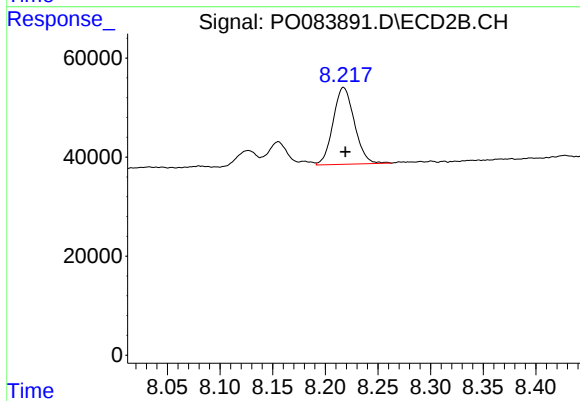
#41 AR-1268-1

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 67912
Conc: 12.61 ng/ml



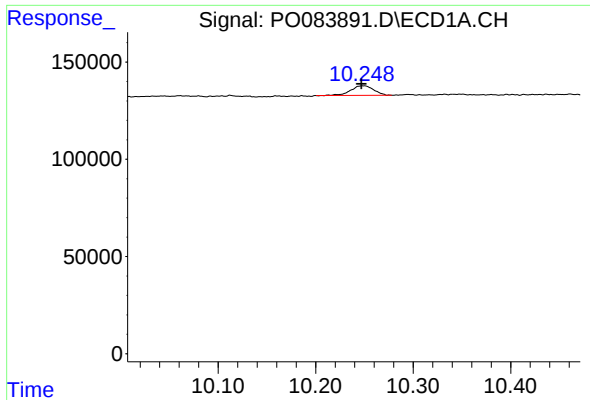
#42 AR-1268-2

R.T.: 9.552 min
Delta R.T.: -0.020 min
Response: 181657
Conc: 21.64 ng/ml



#42 AR-1268-2

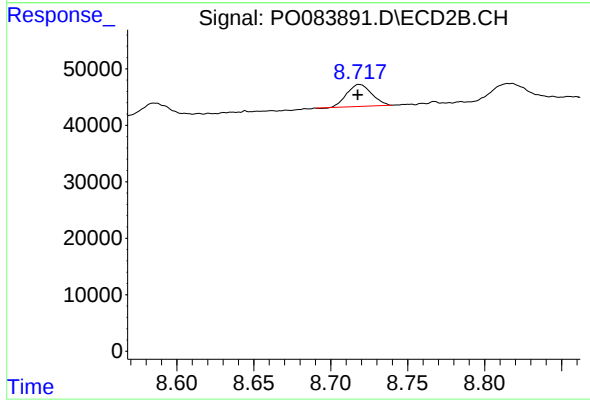
R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 218291
Conc: 47.50 ng/ml



#44 AR-1268-4

R.T.: 10.249 min
Delta R.T.: 0.002 min
Response: 80662
Conc: 25.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



#44 AR-1268-4

R.T.: 8.719 min
Delta R.T.: 0.000 min
Response: 43622
Conc: 26.60 ng/ml