

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120321\
 Data File : PO083424.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Dec 2021 15:24
 Operator : AJ\MA
 Sample : M4920-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 23:02:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 20 02:49:51 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...	4.946	3.949	2184784	703224	24.895	23.070
2)	SA Decachlor...	11.032	9.253	2805764	1071748	42.669	35.652
Target Compounds							
3)	L1 AR-1016-1	6.272	0.000	74663	0	25.741	N.D. #
4)	L1 AR-1016-2	6.304	0.000	27654	0	6.710	N.D. #
5)	L1 AR-1016-3	0.000	5.428	0	169079	N.D.	173.236 #
6)	L1 AR-1016-4	6.479	0.000	15529	0	7.582	N.D. #
7)	L1 AR-1016-5	6.785	5.721f	341695	130384	168.628	128.514
8)	L2 AR-1221-1	5.201	0.000	175232	0	184.917	N.D. #
9)	L2 AR-1221-2	5.301	0.000	20332	0	30.240	N.D. #
10)	L2 AR-1221-3	5.412f	0.000	66545	0	30.957	N.D. #
11)	L3 AR-1232-1	5.412f	0.000	66545	0	37.382	N.D. #
13)	L3 AR-1232-3	6.304	5.428	27654	169079	16.885	426.881 #
14)	L3 AR-1232-4	6.479	5.525	15529	58562	19.397	166.559 #
15)	L3 AR-1232-5	0.000	5.721f	0	130384	N.D.	339.590 #
16)	L4 AR-1242-1	6.272	0.000	74663	0	34.907	N.D. #
17)	L4 AR-1242-2	6.304	0.000	27654	0	9.174	N.D. #
18)	L4 AR-1242-3	0.000	5.428	0	169079	N.D.	233.392 #
19)	L4 AR-1242-4	6.479	5.525	15529	58562	10.296	85.068 #
20)	L4 AR-1242-5	7.289f	6.078	461547	32909	298.350	35.532 #
21)	L5 AR-1248-1	6.272	0.000	74663	0	47.937	N.D. #
23)	L5 AR-1248-3	6.785	5.525	341695	58562	137.783	59.119 #
24)	L5 AR-1248-4	7.228	5.721	30429	130384	11.614	105.795 #
25)	L5 AR-1248-5	7.289	6.110	461547	122925	178.238	99.511 #
26)	L6 AR-1254-1	7.196	6.078	43612	32909	15.671	16.924
27)	L6 AR-1254-2	7.428	0.000	251268	0	60.398	N.D. #
28)	L6 AR-1254-3	7.810	6.657	192039	120783	44.712	47.245
29)	L6 AR-1254-4	8.122	6.898	363298	22753	117.452	12.472 #
30)	L6 AR-1254-5	8.539	7.328	329739	287263	102.856	123.452
31)	L7 AR-1260-1	7.955f	6.790	707597	168933	222.741	92.454 #
32)	L7 AR-1260-2	8.245	6.999	317504	262841	84.594	109.697 #
33)	L7 AR-1260-3	8.613	7.147	343456	91665	120.050	44.692 #
34)	L7 AR-1260-4	8.846	7.631	-5425	103822	N.D.	58.985 #
35)	L7 AR-1260-5	9.177	7.881	284180	275957	44.843	61.807 #
36)	L8 AR-1262-1	8.613	7.328	343456	287263	92.098	235.780 #
37)	L8 AR-1262-2	9.177	7.881	284180	275957	44.163	61.083 #
38)	L8 AR-1262-3	9.492	8.169	593907	234388	195.255	125.245 #
39)	L8 AR-1262-4	9.588	8.232	390473	292907	206.296	92.487 #
40)	L8 AR-1262-5	10.269	8.732	241528	118096	96.794	79.652
41)	L9 AR-1268-1	9.492	8.169	593907	234388	71.788	40.645 #
42)	L9 AR-1268-2	9.588	8.232	390473	292907	50.766	60.985
43)	L9 AR-1268-3	9.817	8.441	450576	231427	68.707	56.142

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Volume Inj. : 2 µl
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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	10.269	8.732	241528	118096	84.583	69.669
45) L9	AR-1268-5	10.691	9.010	1762210	682711	78.590	58.077 #

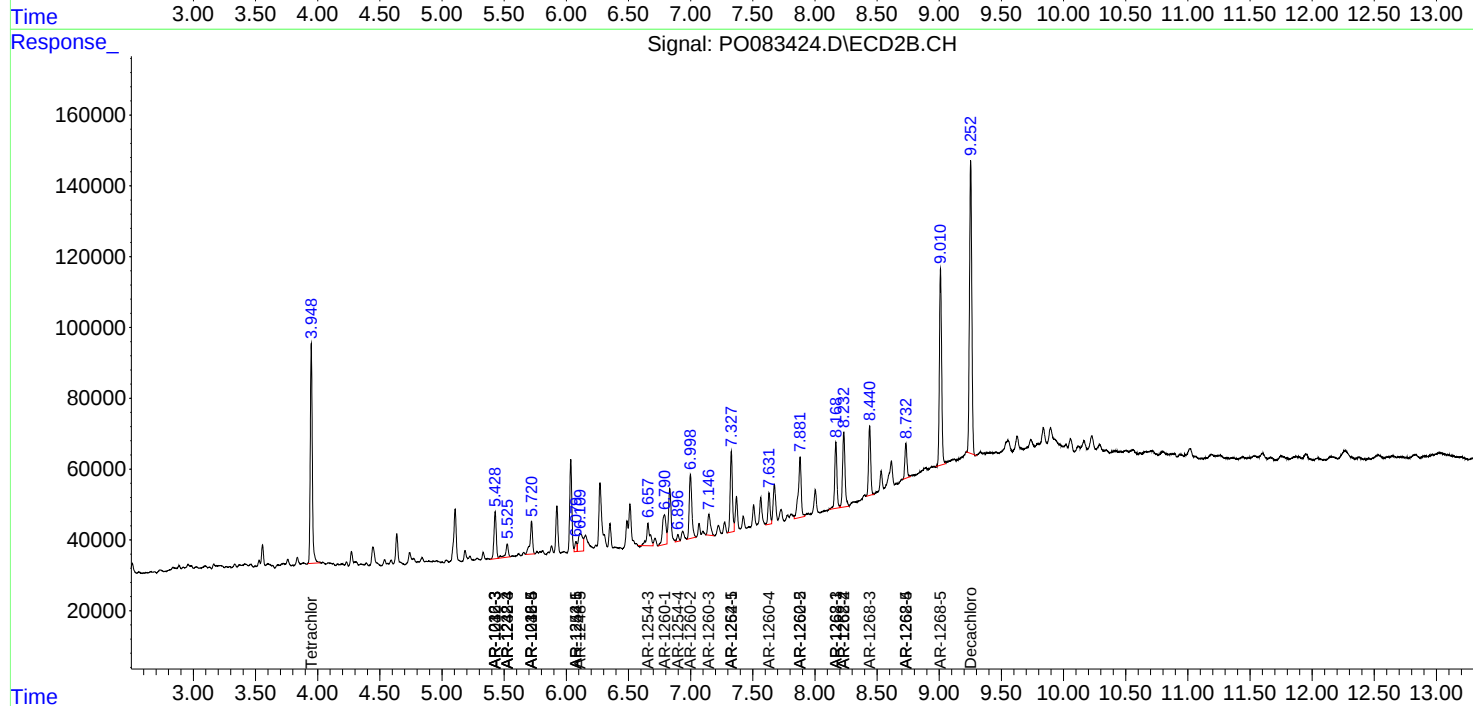
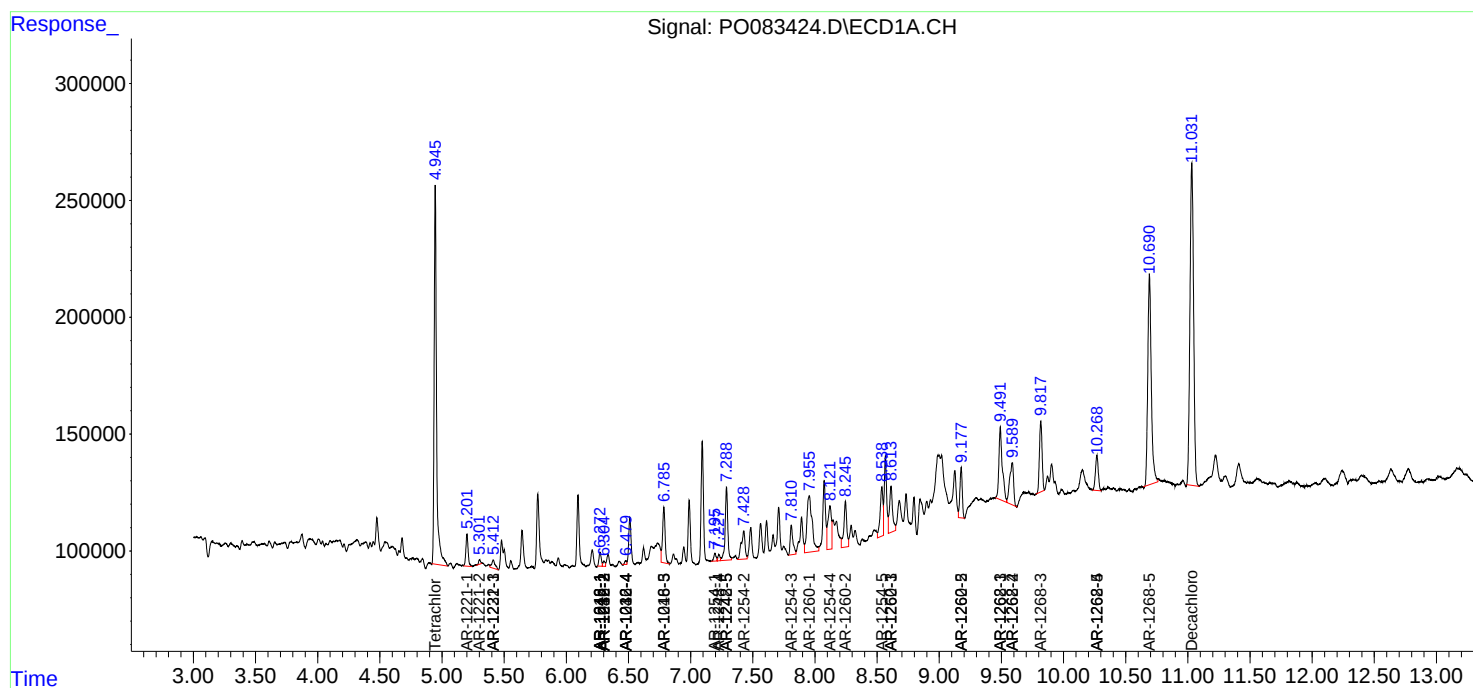
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

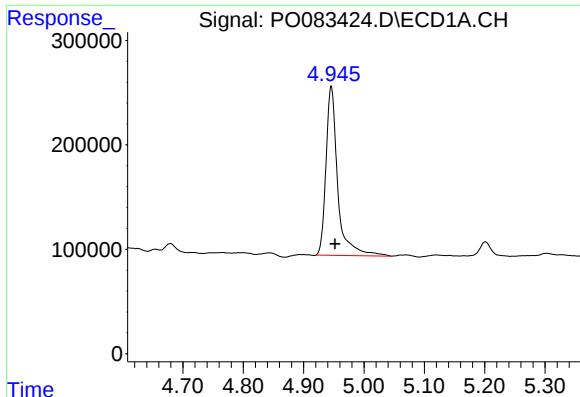
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

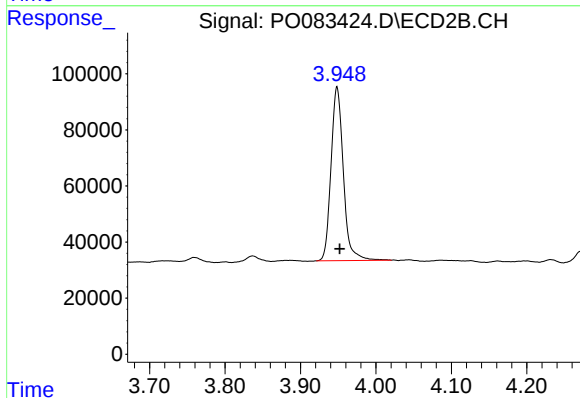




#1 Tetrachloro-m-xylene

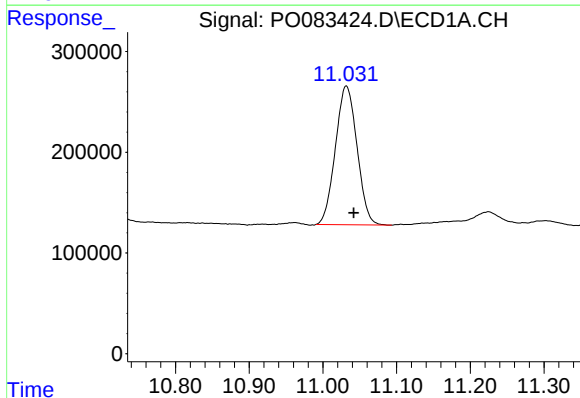
R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 2184784
Conc: 24.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



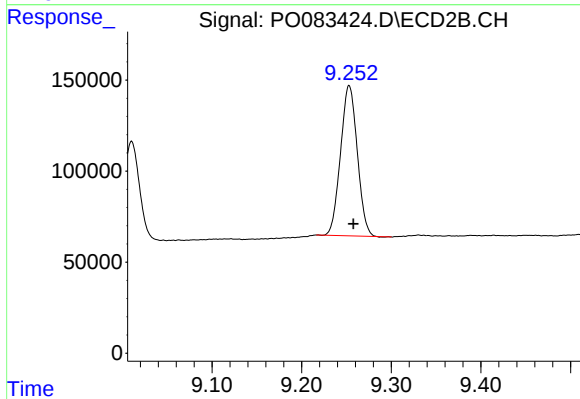
#1 Tetrachloro-m-xylene

R.T.: 3.949 min
Delta R.T.: -0.004 min
Response: 703224
Conc: 23.07 ng/ml



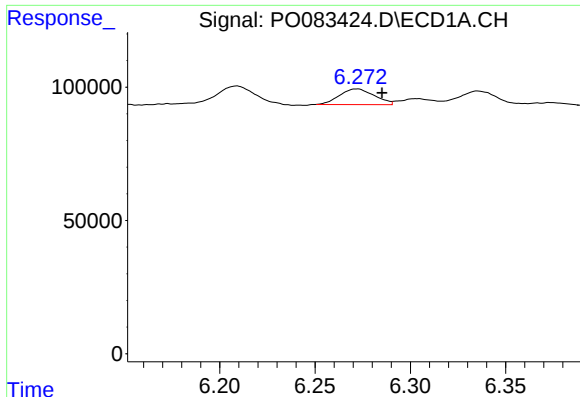
#2 Decachlorobiphenyl

R.T.: 11.032 min
Delta R.T.: -0.010 min
Response: 2805764
Conc: 42.67 ng/ml



#2 Decachlorobiphenyl

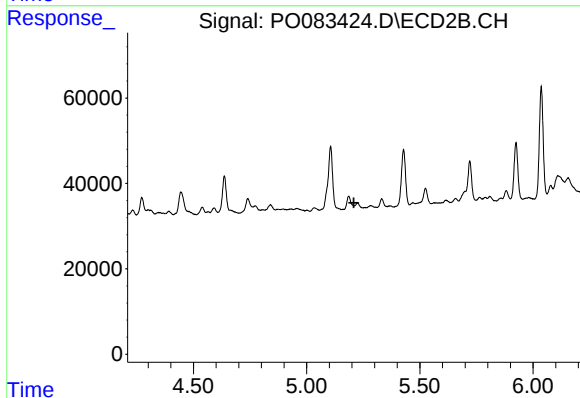
R.T.: 9.253 min
Delta R.T.: -0.005 min
Response: 1071748
Conc: 35.65 ng/ml



#3 AR-1016-1

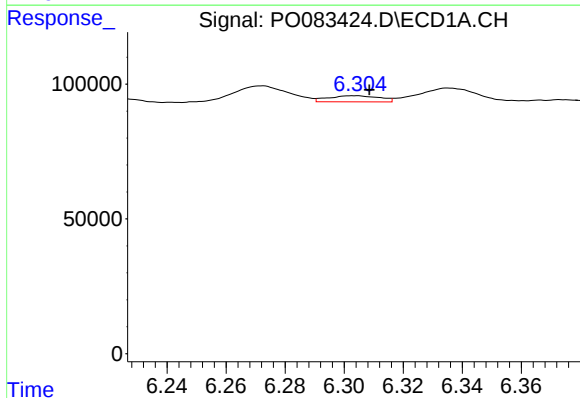
R.T.: 6.272 min
Delta R.T.: -0.013 min
Response: 74663
Conc: 25.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



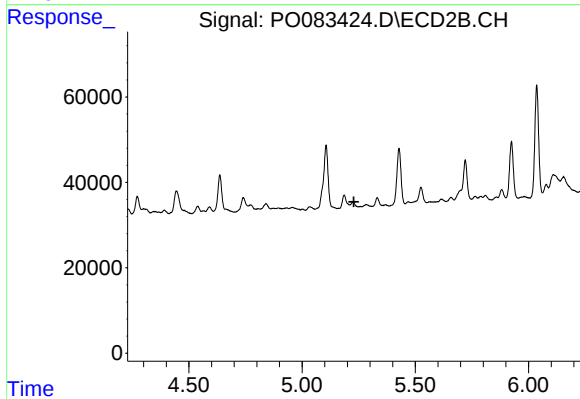
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.209 min
Response: 0
Conc: N.D.



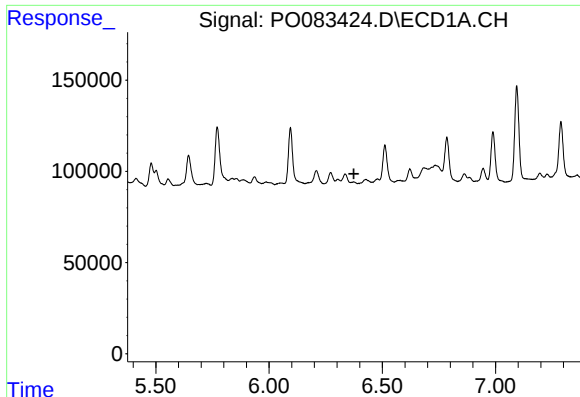
#4 AR-1016-2

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 27654
Conc: 6.71 ng/ml



#4 AR-1016-2

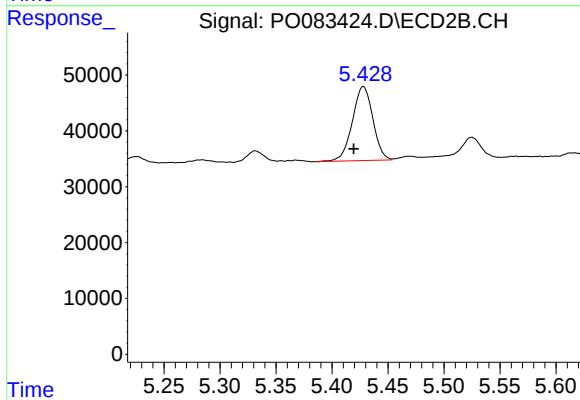
R.T.: 0.000 min
Exp R.T. : 5.229 min
Response: 0
Conc: N.D.



#5 AR-1016-3

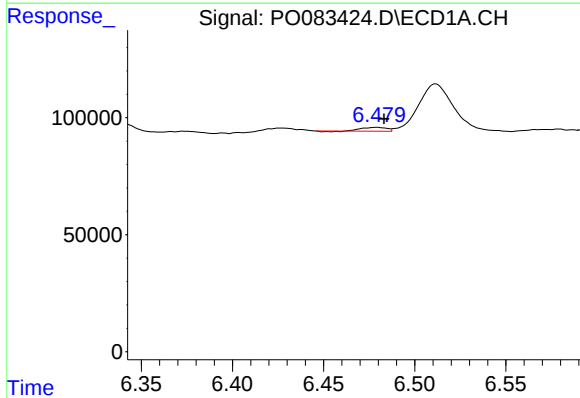
R.T.: 0.000 min
Exp R.T.: 6.375 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



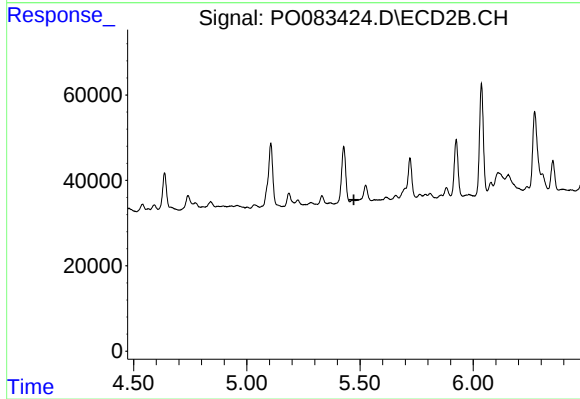
#5 AR-1016-3

R.T.: 5.428 min
Delta R.T.: 0.009 min
Response: 169079
Conc: 173.24 ng/ml



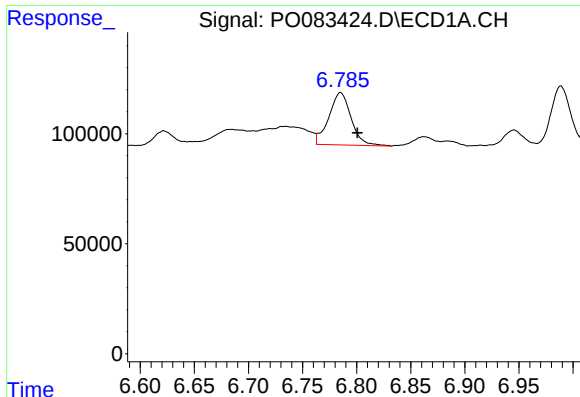
#6 AR-1016-4

R.T.: 6.479 min
Delta R.T.: -0.004 min
Response: 15529
Conc: 7.58 ng/ml



#6 AR-1016-4

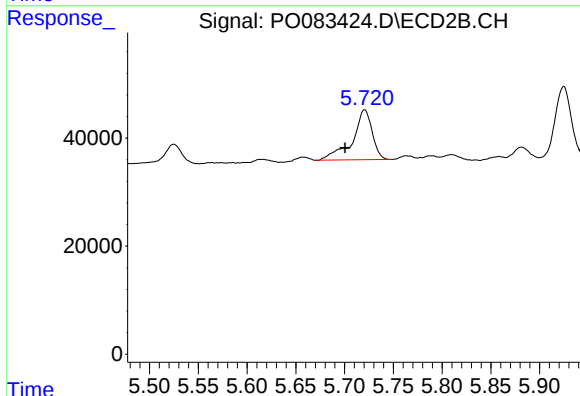
R.T.: 0.000 min
Exp R.T.: 5.473 min
Response: 0
Conc: N.D.



#7 AR-1016-5

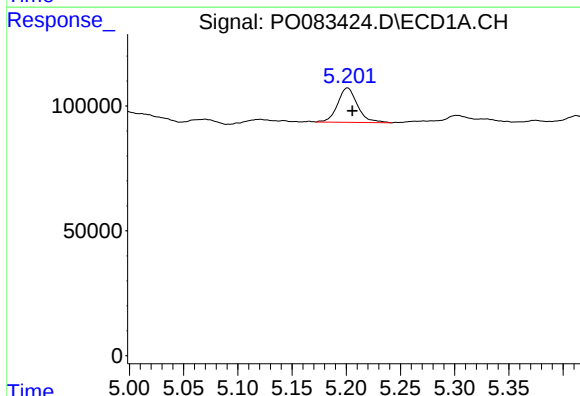
R.T.: 6.785 min
Delta R.T.: -0.015 min
Response: 341695
Conc: 168.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



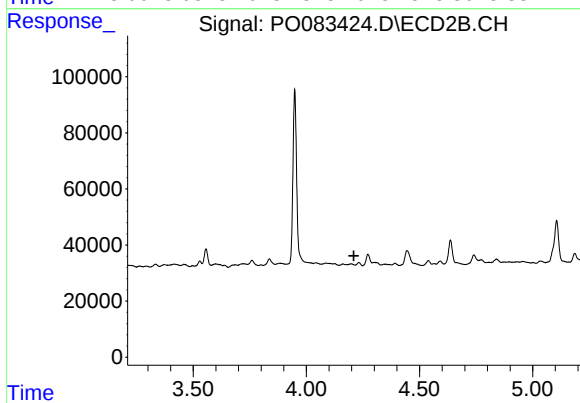
#7 AR-1016-5

R.T.: 5.721 min
Delta R.T.: 0.020 min
Response: 130384
Conc: 128.51 ng/ml



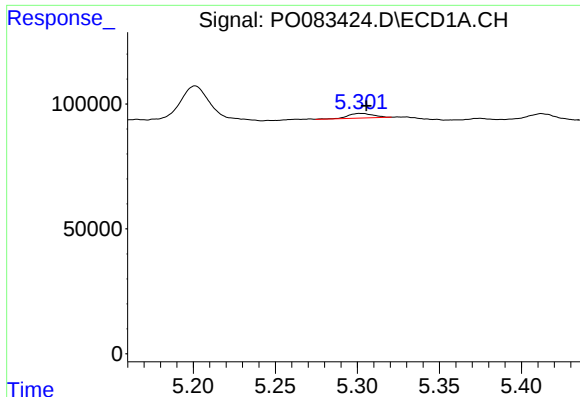
#8 AR-1221-1

R.T.: 5.201 min
Delta R.T.: -0.004 min
Response: 175232
Conc: 184.92 ng/ml



#8 AR-1221-1

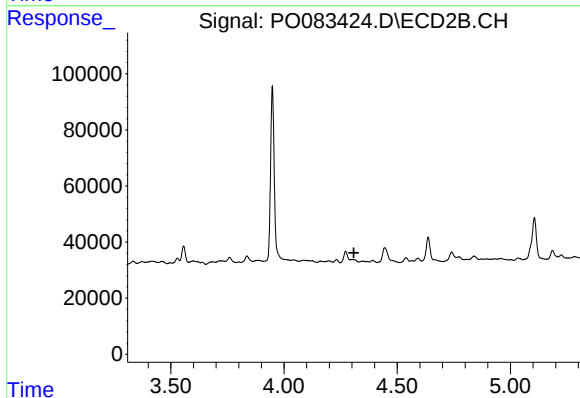
R.T.: 0.000 min
Exp R.T. : 4.210 min
Response: 0
Conc: N.D.



#9 AR-1221-2

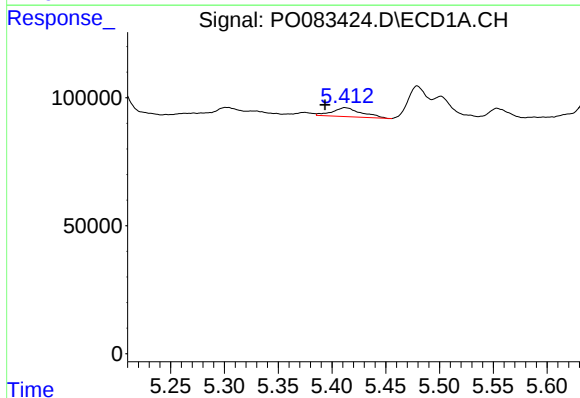
R.T.: 5.301 min
Delta R.T.: -0.004 min
Response: 20332
Conc: 30.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



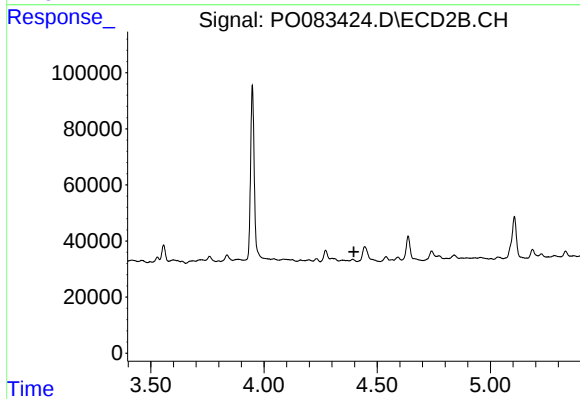
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.309 min
Response: 0
Conc: N.D.



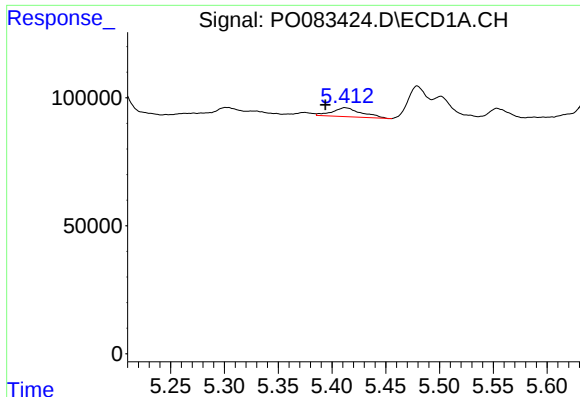
#10 AR-1221-3

R.T.: 5.412 min
Delta R.T.: 0.018 min
Response: 66545
Conc: 30.96 ng/ml



#10 AR-1221-3

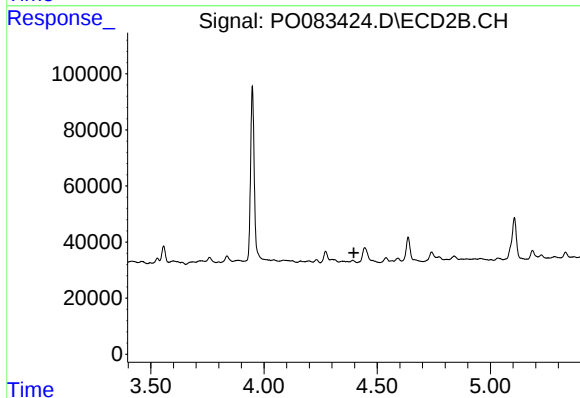
R.T.: 0.000 min
Exp R.T. : 4.397 min
Response: 0
Conc: N.D.



#11 AR-1232-1

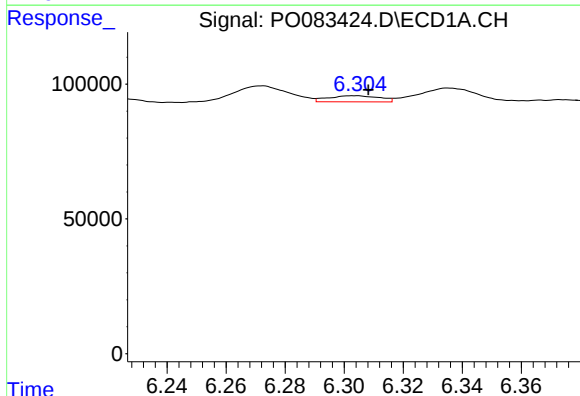
R.T.: 5.412 min
Delta R.T.: 0.018 min
Response: 66545
Conc: 37.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



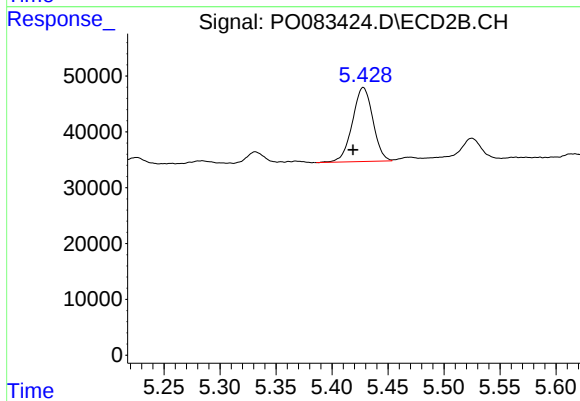
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.397 min
Response: 0
Conc: N.D.



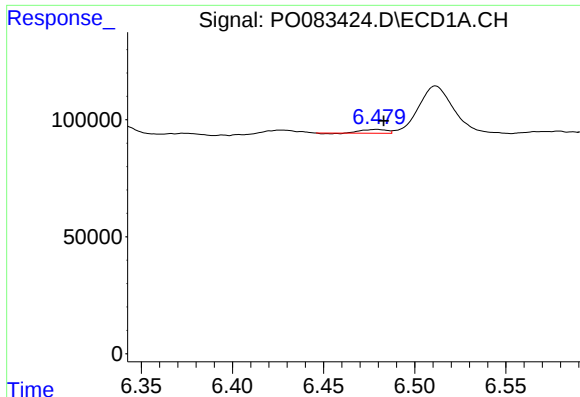
#13 AR-1232-3

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 27654
Conc: 16.89 ng/ml



#13 AR-1232-3

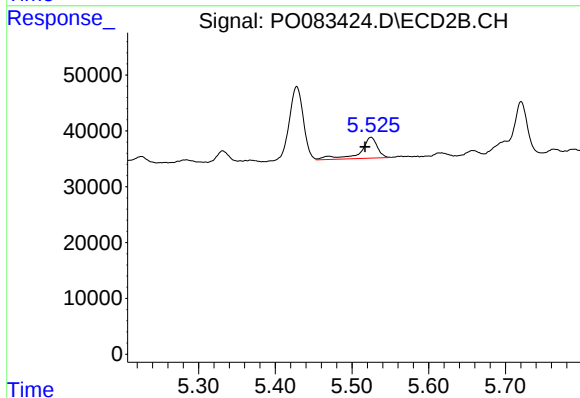
R.T.: 5.428 min
Delta R.T.: 0.009 min
Response: 169079
Conc: 426.88 ng/ml



#14 AR-1232-4

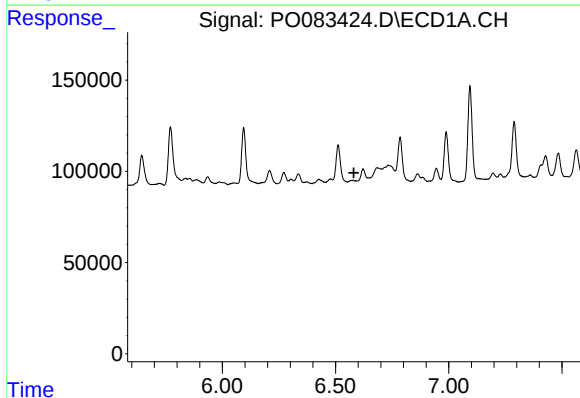
R.T.: 6.479 min
Delta R.T.: -0.004 min
Response: 15529
Conc: 19.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



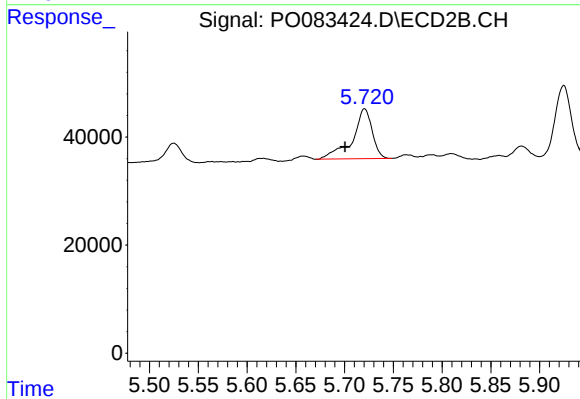
#14 AR-1232-4

R.T.: 5.525 min
Delta R.T.: 0.008 min
Response: 58562
Conc: 166.56 ng/ml



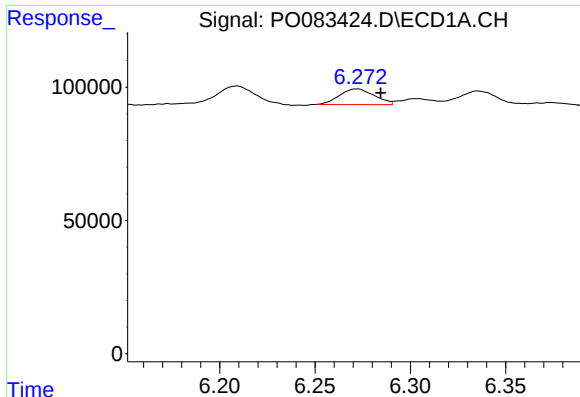
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.581 min
Response: 0
Conc: N.D.



#15 AR-1232-5

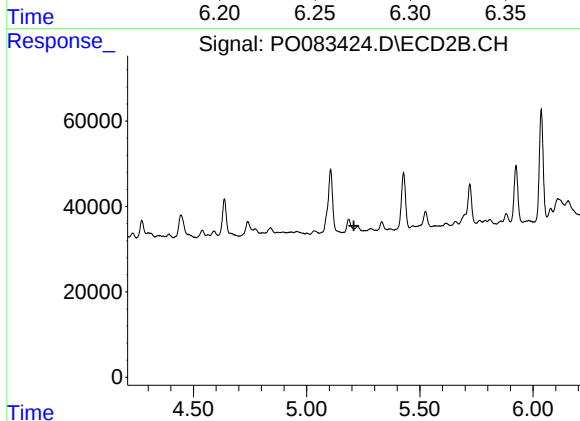
R.T.: 5.721 min
Delta R.T.: 0.020 min
Response: 130384
Conc: 339.59 ng/ml



#16 AR-1242-1

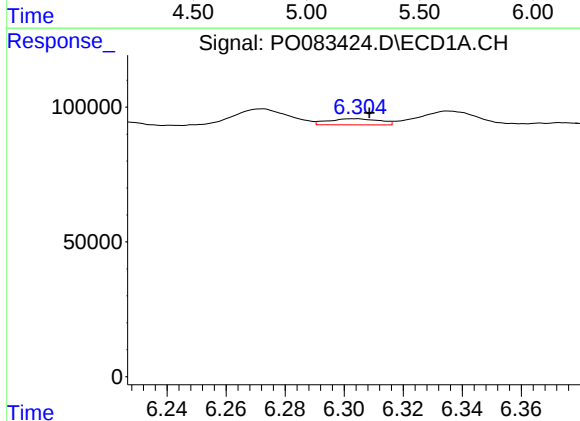
R.T.: 6.272 min
Delta R.T.: -0.012 min
Response: 74663
Conc: 34.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



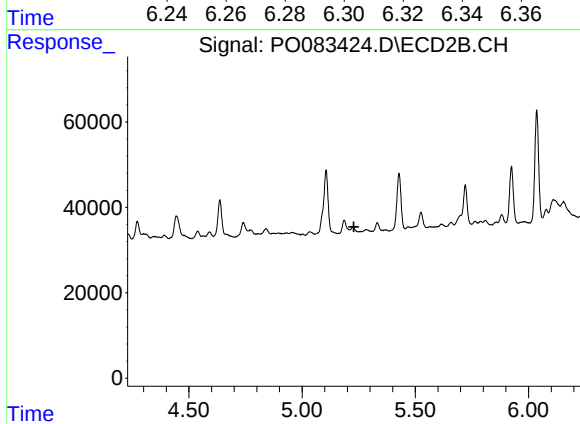
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.209 min
Response: 0
Conc: N.D.



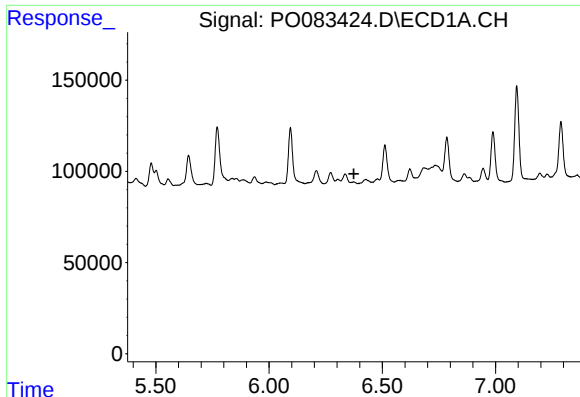
#17 AR-1242-2

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 27654
Conc: 9.17 ng/ml



#17 AR-1242-2

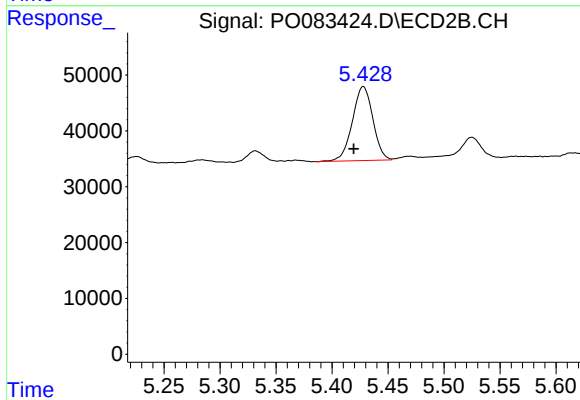
R.T.: 0.000 min
Exp R.T. : 5.229 min
Response: 0
Conc: N.D.



#18 AR-1242-3

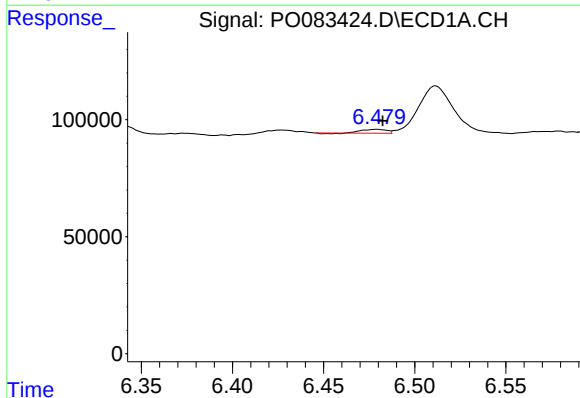
R.T.: 0.000 min
Exp R.T.: 6.375 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



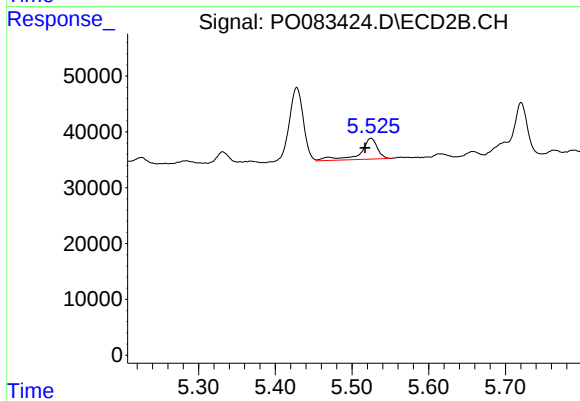
#18 AR-1242-3

R.T.: 5.428 min
Delta R.T.: 0.008 min
Response: 169079
Conc: 233.39 ng/ml



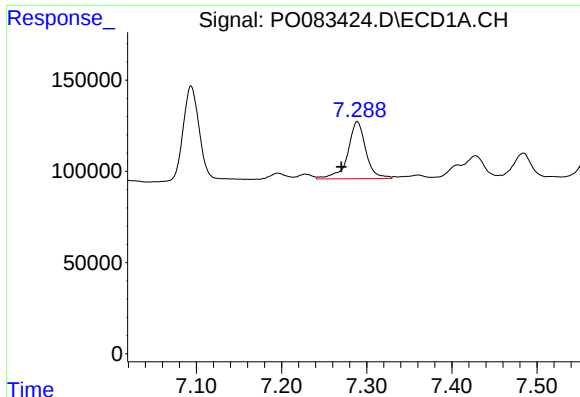
#19 AR-1242-4

R.T.: 6.479 min
Delta R.T.: -0.003 min
Response: 15529
Conc: 10.30 ng/ml



#19 AR-1242-4

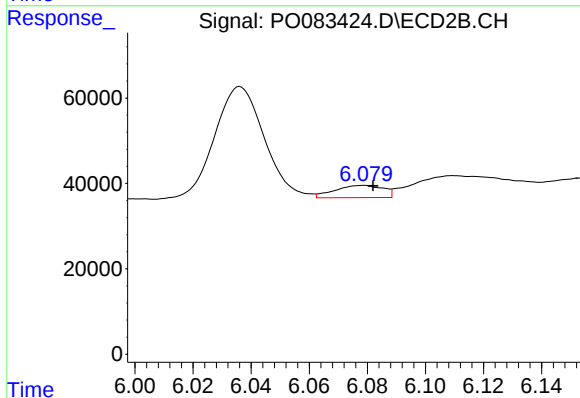
R.T.: 5.525 min
Delta R.T.: 0.008 min
Response: 58562
Conc: 85.07 ng/ml



#20 AR-1242-5

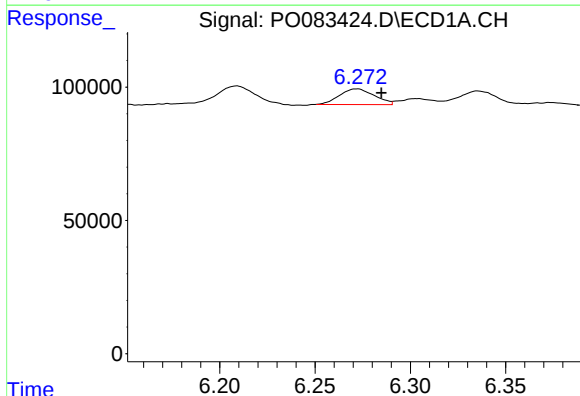
R.T.: 7.289 min
Delta R.T.: 0.018 min
Response: 461547
Conc: 298.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



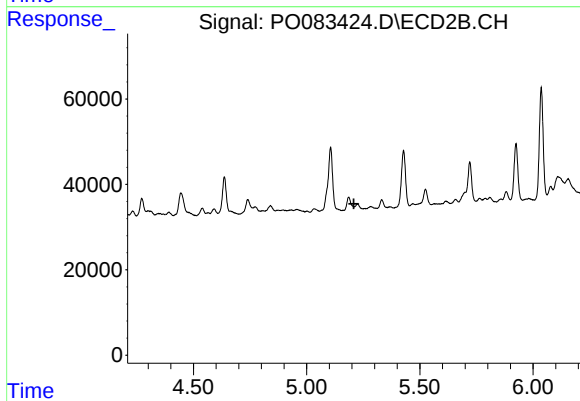
#20 AR-1242-5

R.T.: 6.078 min
Delta R.T.: -0.004 min
Response: 32909
Conc: 35.53 ng/ml



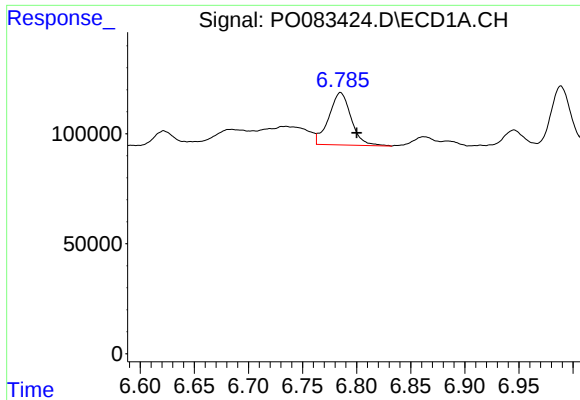
#21 AR-1248-1

R.T.: 6.272 min
Delta R.T.: -0.012 min
Response: 74663
Conc: 47.94 ng/ml



#21 AR-1248-1

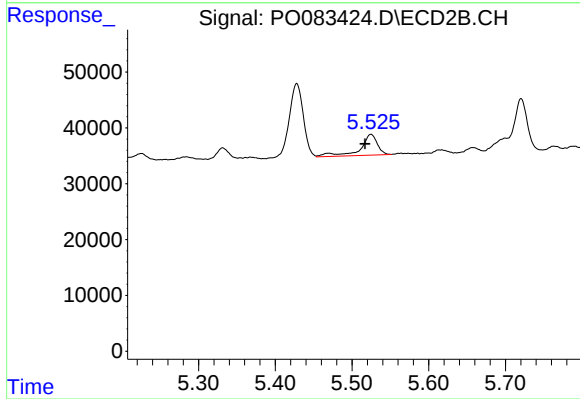
R.T.: 0.000 min
Exp R.T. : 5.208 min
Response: 0
Conc: N.D.



#23 AR-1248-3

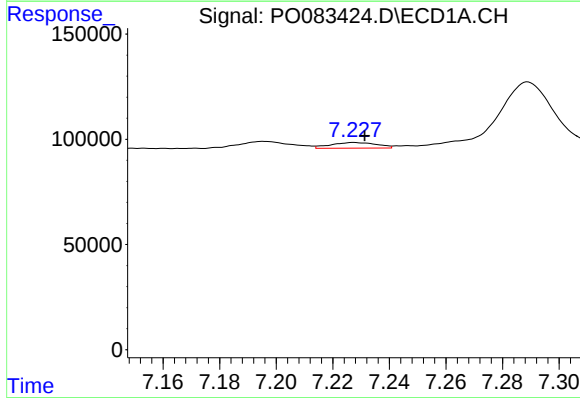
R.T.: 6.785 min
Delta R.T.: -0.015 min
Response: 341695
Conc: 137.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



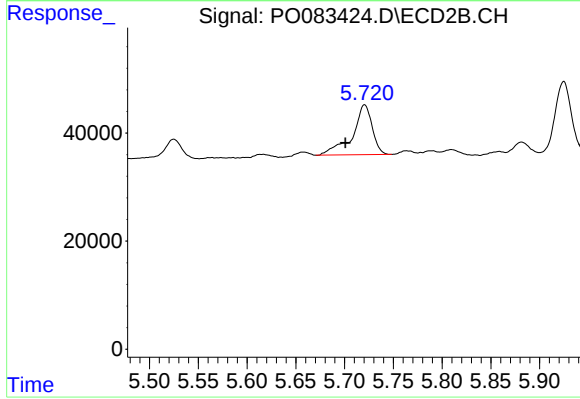
#23 AR-1248-3

R.T.: 5.525 min
Delta R.T.: 0.008 min
Response: 58562
Conc: 59.12 ng/ml



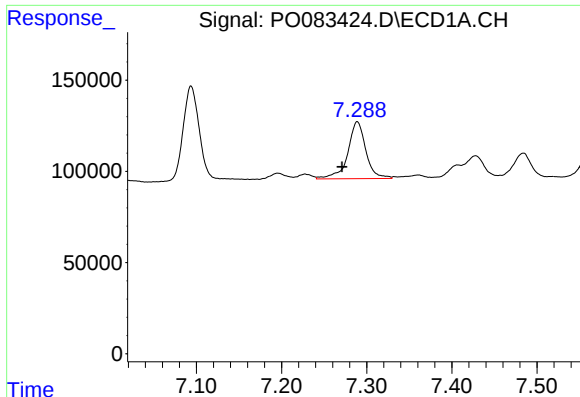
#24 AR-1248-4

R.T.: 7.228 min
Delta R.T.: -0.004 min
Response: 30429
Conc: 11.61 ng/ml



#24 AR-1248-4

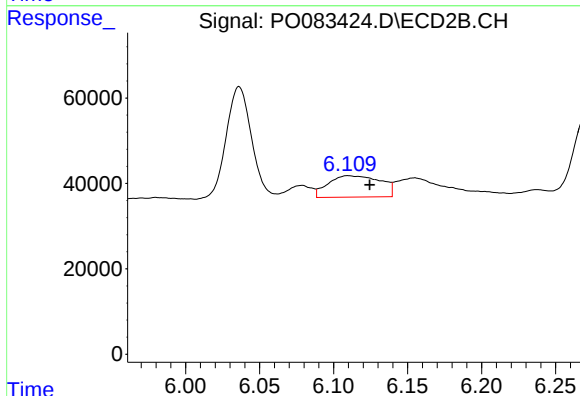
R.T.: 5.721 min
Delta R.T.: 0.020 min
Response: 130384
Conc: 105.80 ng/ml



#25 AR-1248-5

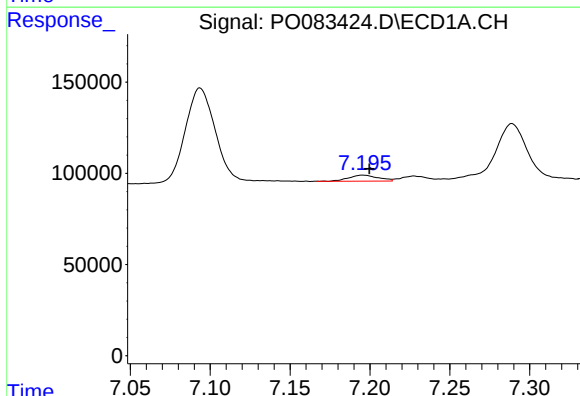
R.T.: 7.289 min
Delta R.T.: 0.018 min
Response: 461547
Conc: 178.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



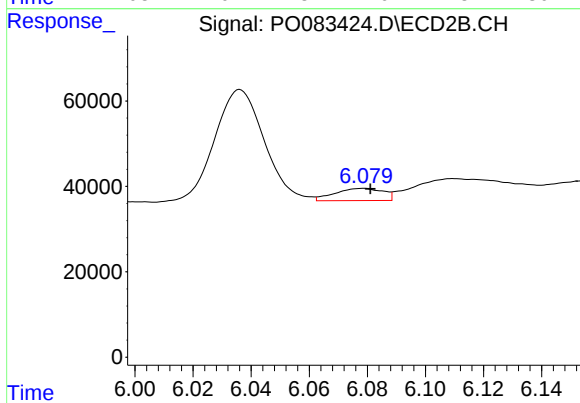
#25 AR-1248-5

R.T.: 6.110 min
Delta R.T.: -0.015 min
Response: 122925
Conc: 99.51 ng/ml



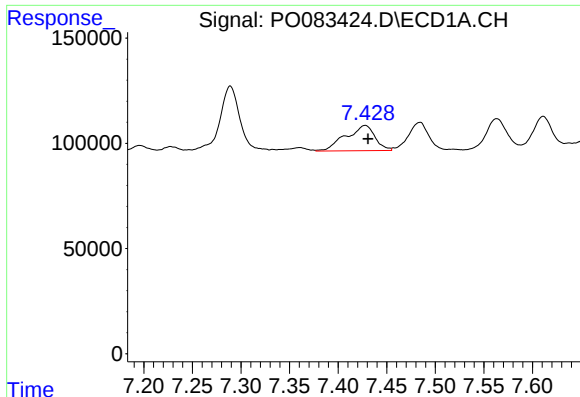
#26 AR-1254-1

R.T.: 7.196 min
Delta R.T.: -0.004 min
Response: 43612
Conc: 15.67 ng/ml



#26 AR-1254-1

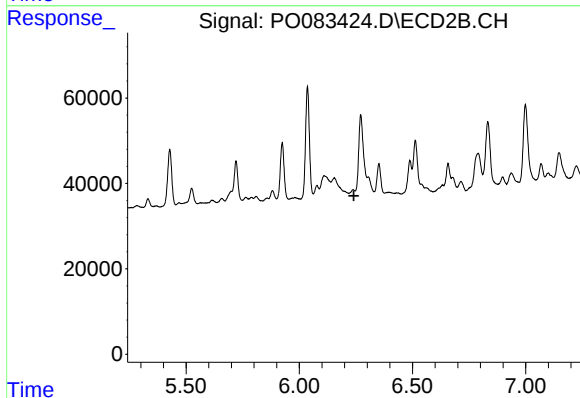
R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 32909
Conc: 16.92 ng/ml



#27 AR-1254-2

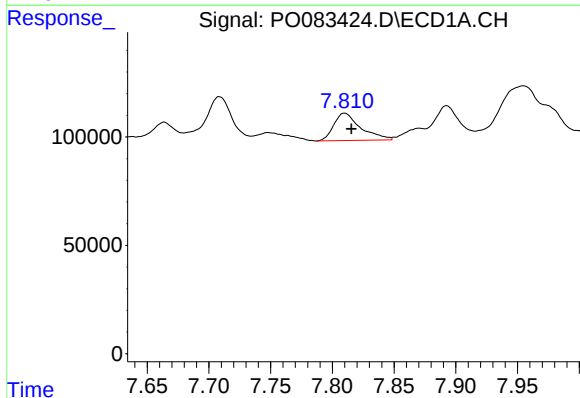
R.T.: 7.428 min
Delta R.T.: -0.003 min
Response: 251268
Conc: 60.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



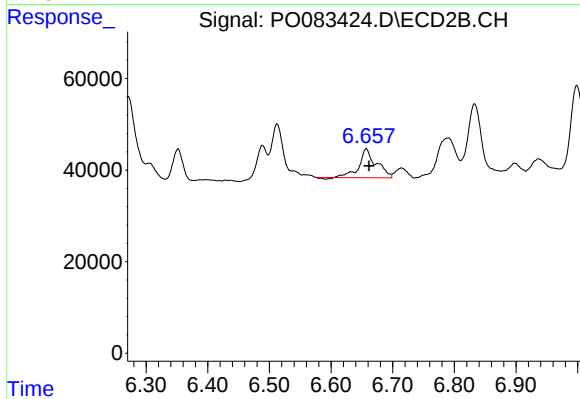
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.241 min
Response: 0
Conc: N.D.



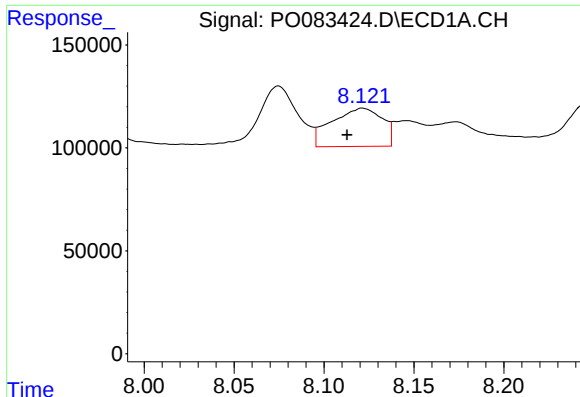
#28 AR-1254-3

R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 192039
Conc: 44.71 ng/ml



#28 AR-1254-3

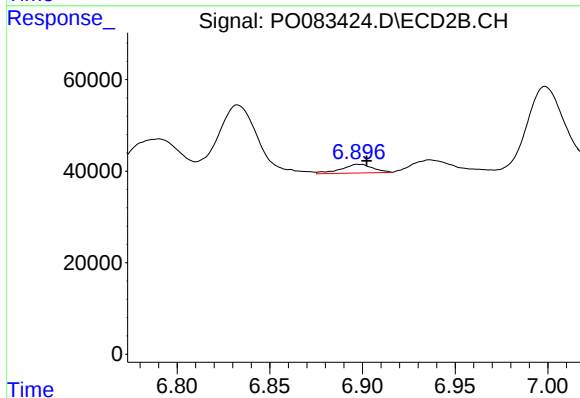
R.T.: 6.657 min
Delta R.T.: -0.004 min
Response: 120783
Conc: 47.25 ng/ml



#29 AR-1254-4

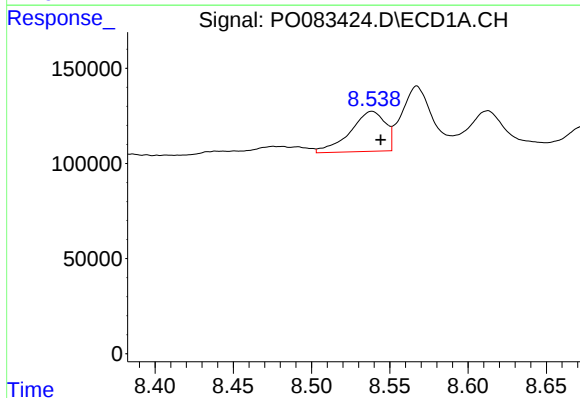
R.T.: 8.122 min
Delta R.T.: 0.009 min
Response: 363298
Conc: 117.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



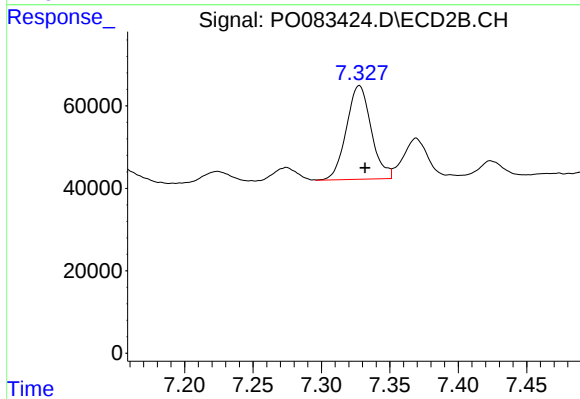
#29 AR-1254-4

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 22753
Conc: 12.47 ng/ml



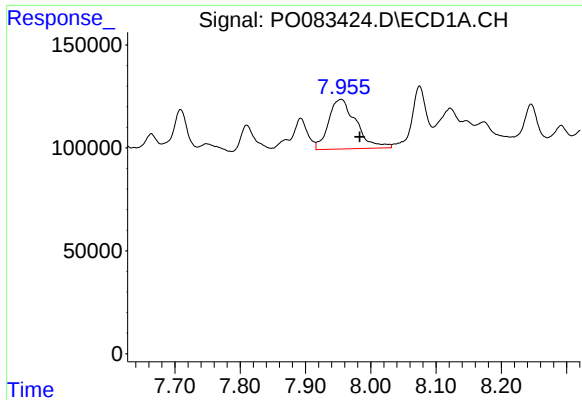
#30 AR-1254-5

R.T.: 8.539 min
Delta R.T.: -0.006 min
Response: 329739
Conc: 102.86 ng/ml



#30 AR-1254-5

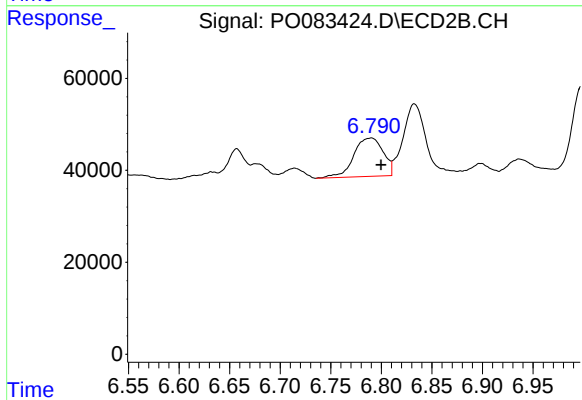
R.T.: 7.328 min
Delta R.T.: -0.004 min
Response: 287263
Conc: 123.45 ng/ml



#31 AR-1260-1

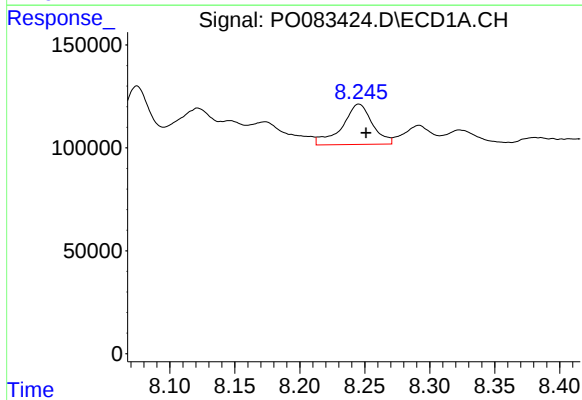
R.T.: 7.955 min
Delta R.T.: -0.028 min
Response: 707597
Conc: 222.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



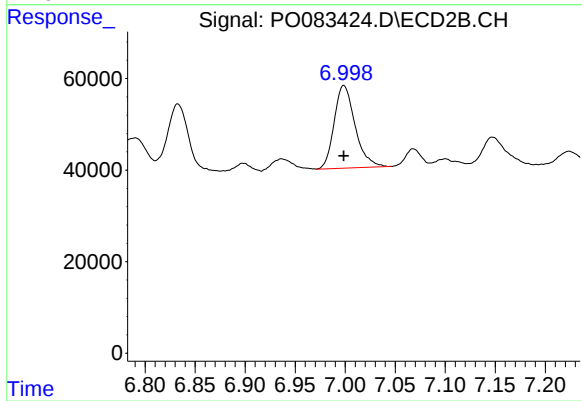
#31 AR-1260-1

R.T.: 6.790 min
Delta R.T.: -0.010 min
Response: 168933
Conc: 92.45 ng/ml



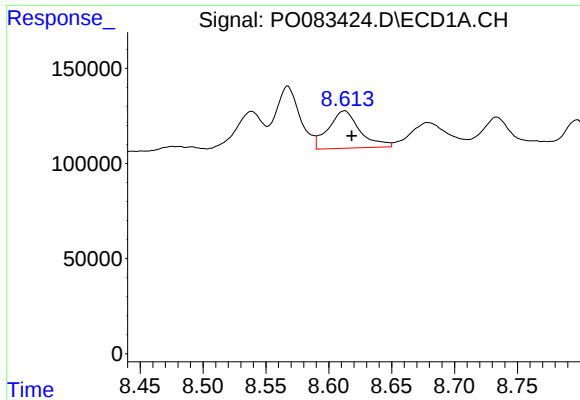
#32 AR-1260-2

R.T.: 8.245 min
Delta R.T.: -0.006 min
Response: 317504
Conc: 84.59 ng/ml



#32 AR-1260-2

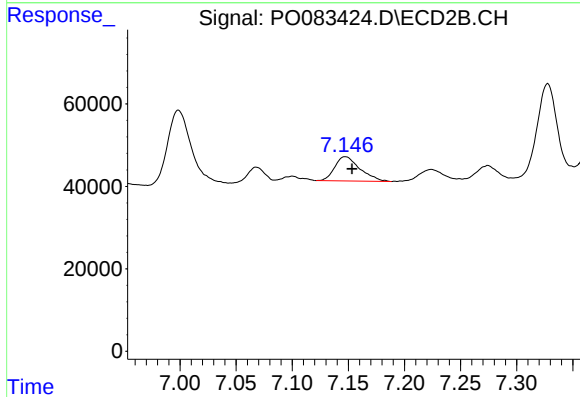
R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 262841
Conc: 109.70 ng/ml



#33 AR-1260-3

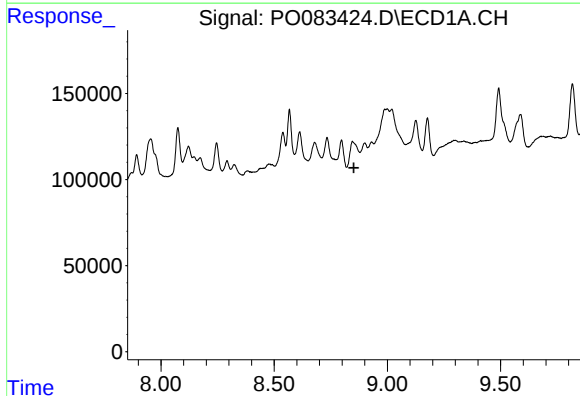
R.T.: 8.613 min
Delta R.T.: -0.006 min
Response: 343456
Conc: 120.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



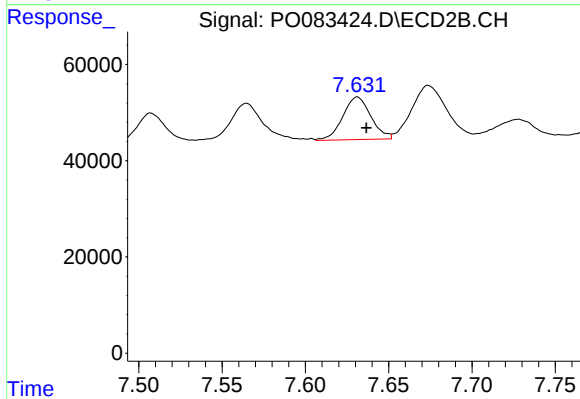
#33 AR-1260-3

R.T.: 7.147 min
Delta R.T.: -0.006 min
Response: 91665
Conc: 44.69 ng/ml



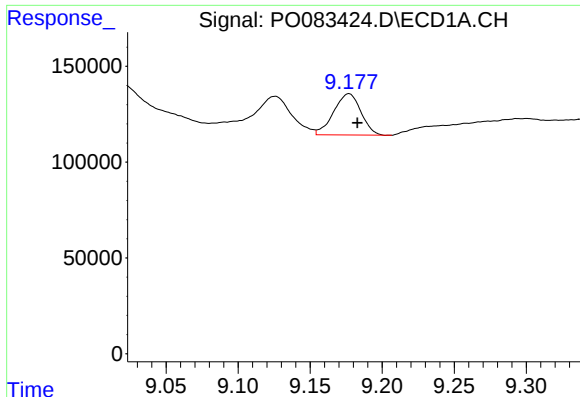
#34 AR-1260-4

R.T.: 8.846 min
Delta R.T.: -0.006 min
Response: -5425
Conc: N.D.



#34 AR-1260-4

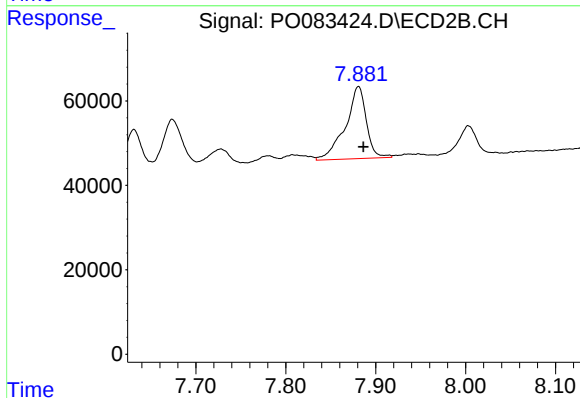
R.T.: 7.631 min
Delta R.T.: -0.005 min
Response: 103822
Conc: 58.99 ng/ml



#35 AR-1260-5

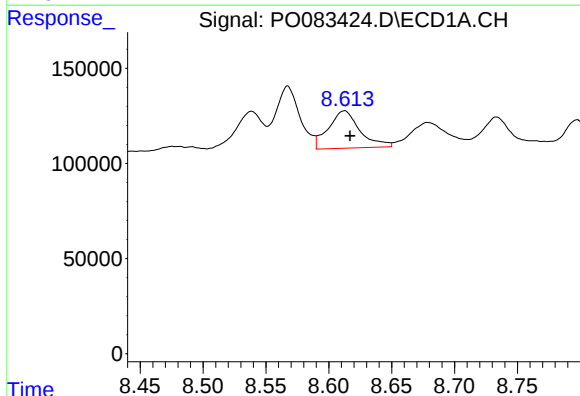
R.T.: 9.177 min
Delta R.T.: -0.006 min
Response: 284180
Conc: 44.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



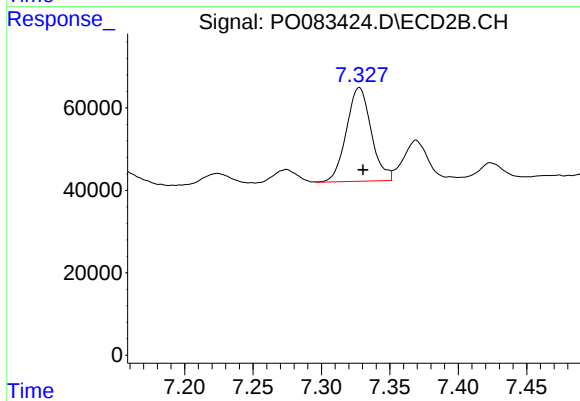
#35 AR-1260-5

R.T.: 7.881 min
Delta R.T.: -0.005 min
Response: 275957
Conc: 61.81 ng/ml



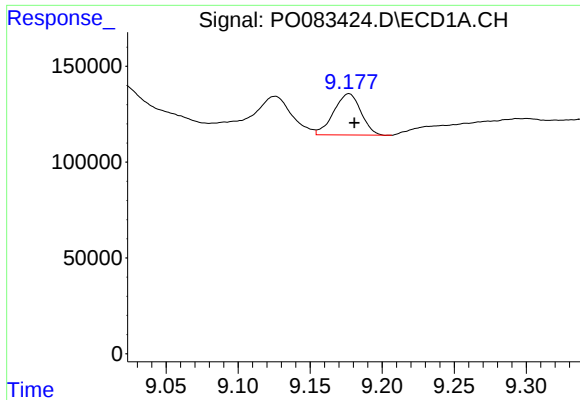
#36 AR-1262-1

R.T.: 8.613 min
Delta R.T.: -0.004 min
Response: 343456
Conc: 92.10 ng/ml



#36 AR-1262-1

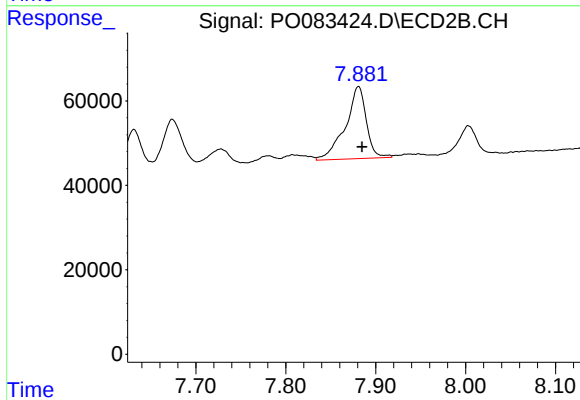
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 287263
Conc: 235.78 ng/ml



#37 AR-1262-2

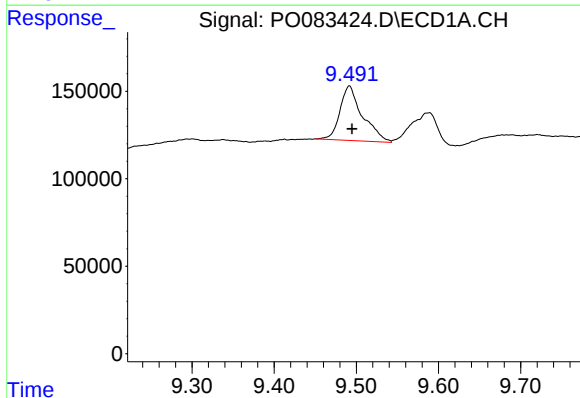
R.T.: 9.177 min
Delta R.T.: -0.004 min
Response: 284180
Conc: 44.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



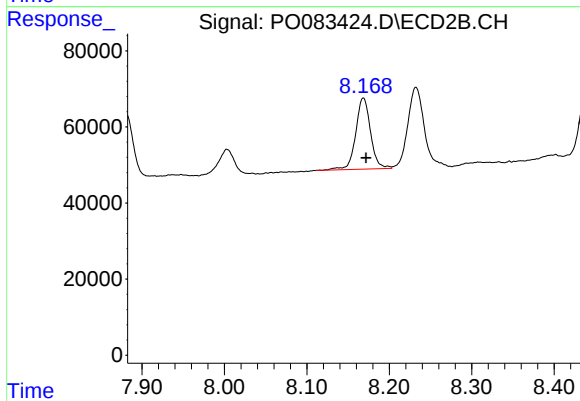
#37 AR-1262-2

R.T.: 7.881 min
Delta R.T.: -0.004 min
Response: 275957
Conc: 61.08 ng/ml



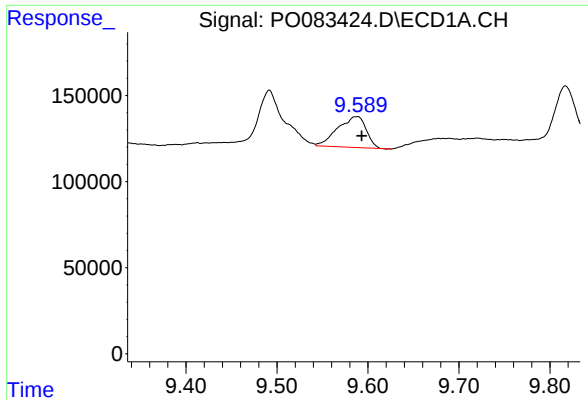
#38 AR-1262-3

R.T.: 9.492 min
Delta R.T.: -0.003 min
Response: 593907
Conc: 195.25 ng/ml



#38 AR-1262-3

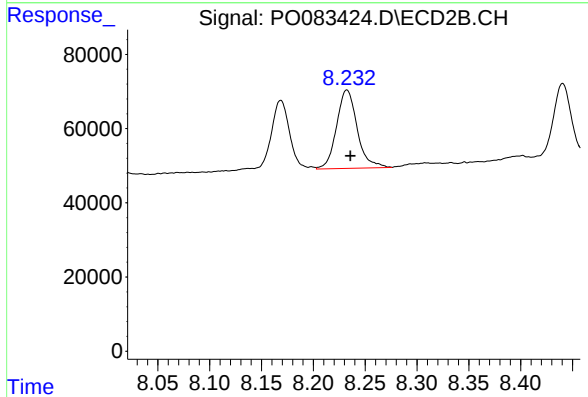
R.T.: 8.169 min
Delta R.T.: -0.003 min
Response: 234388
Conc: 125.25 ng/ml



#39 AR-1262-4

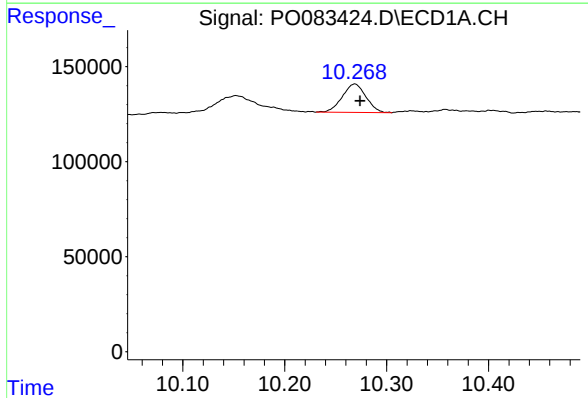
R.T.: 9.588 min
Delta R.T.: -0.005 min
Response: 390473
Conc: 206.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



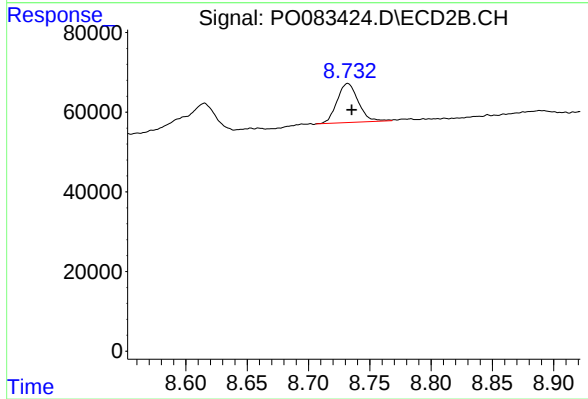
#39 AR-1262-4

R.T.: 8.232 min
Delta R.T.: -0.003 min
Response: 292907
Conc: 92.49 ng/ml



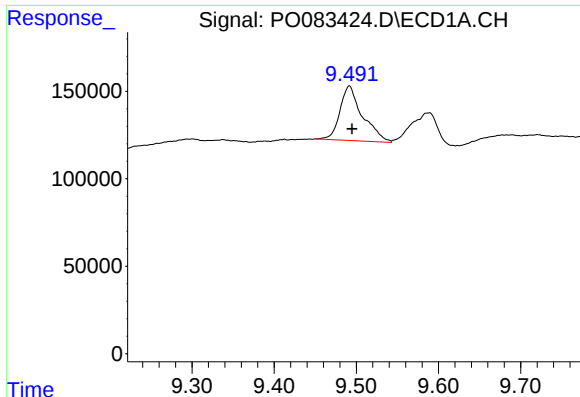
#40 AR-1262-5

R.T.: 10.269 min
Delta R.T.: -0.005 min
Response: 241528
Conc: 96.79 ng/ml



#40 AR-1262-5

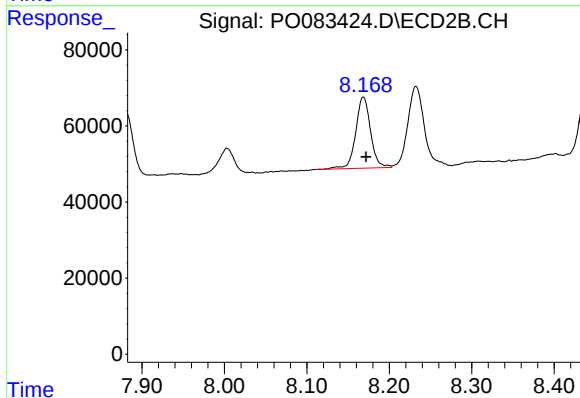
R.T.: 8.732 min
Delta R.T.: -0.003 min
Response: 118096
Conc: 79.65 ng/ml



#41 AR-1268-1

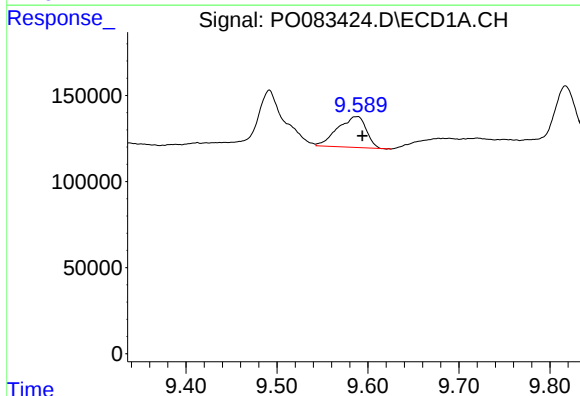
R.T.: 9.492 min
Delta R.T.: -0.003 min
Response: 593907
Conc: 71.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



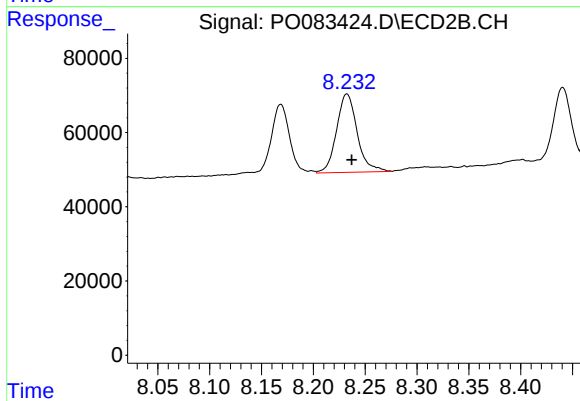
#41 AR-1268-1

R.T.: 8.169 min
Delta R.T.: -0.003 min
Response: 234388
Conc: 40.65 ng/ml



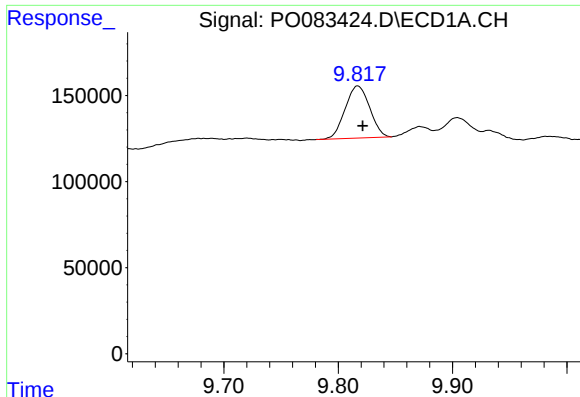
#42 AR-1268-2

R.T.: 9.588 min
Delta R.T.: -0.006 min
Response: 390473
Conc: 50.77 ng/ml



#42 AR-1268-2

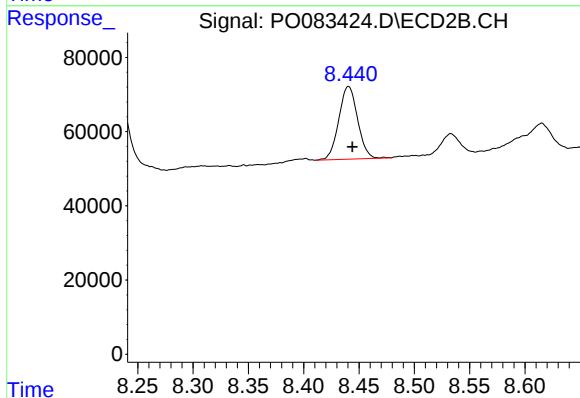
R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 292907
Conc: 60.98 ng/ml



#43 AR-1268-3

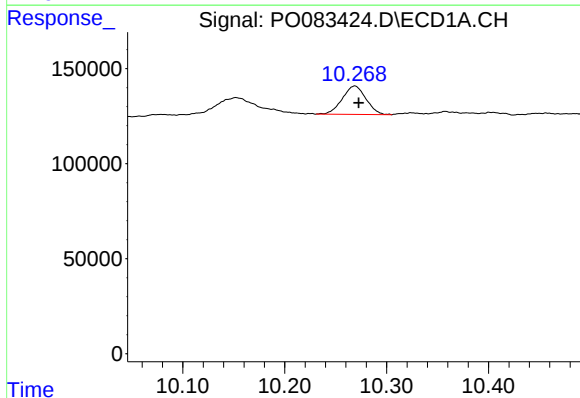
R.T.: 9.817 min
Delta R.T.: -0.004 min
Response: 450576
Conc: 68.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



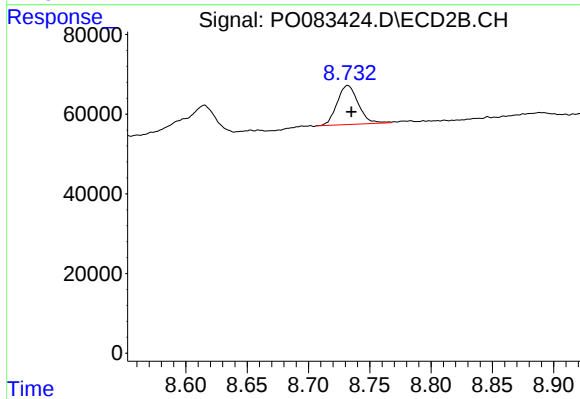
#43 AR-1268-3

R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 231427
Conc: 56.14 ng/ml



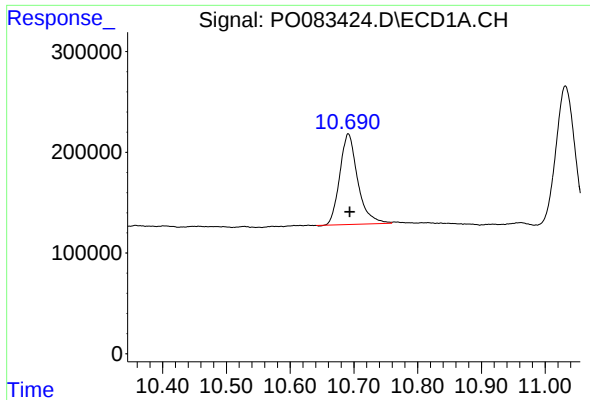
#44 AR-1268-4

R.T.: 10.269 min
Delta R.T.: -0.004 min
Response: 241528
Conc: 84.58 ng/ml



#44 AR-1268-4

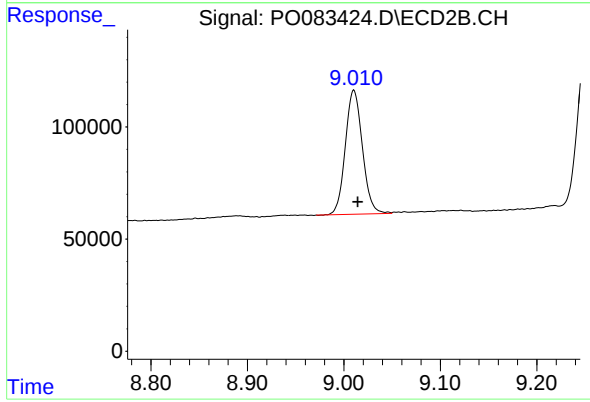
R.T.: 8.732 min
Delta R.T.: -0.003 min
Response: 118096
Conc: 69.67 ng/ml



#45 AR-1268-5

R.T.: 10.691 min
Delta R.T.: -0.002 min
Response: 1762210
Conc: 78.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.010 min
Delta R.T.: -0.004 min
Response: 682711
Conc: 58.08 ng/ml