

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120321\
 Data File : PO083417.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Dec 2021 13:24
 Operator : AJ\MA
 Sample : PB141143BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 22:59:33 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	1799341	584785	20.503	19.185
2)	SA Decachlor...	11.033	9.254	1435808	623815	21.835	20.751
Target Compounds							
3)	L1 AR-1016-1	6.279	5.204	1333078	533063	459.593	404.709
4)	L1 AR-1016-2	6.303	5.225	1870224	728542	453.819	405.873
5)	L1 AR-1016-3	6.369	5.415	1142874	406900	455.455	416.902
6)	L1 AR-1016-4	6.477	5.468	935980	336542	457.023	413.977
7)	L1 AR-1016-5	6.794	5.697	923192	419104	455.600	413.096
8)	L2 AR-1221-1	5.197	4.205	132973	47494	140.323	127.810
9)	L2 AR-1221-2	5.301	4.305	156716	60230	233.084	213.890
10)	L2 AR-1221-3	5.388	4.393	697967	272476	324.696	301.282
11)	L3 AR-1232-1	5.388	4.393	697967	272476	392.080	355.454
12)	L3 AR-1232-2	5.981	5.225	1005780	728542	1109.119	969.873
13)	L3 AR-1232-3	6.303	5.415	1870224	406900	1141.942	1027.316
14)	L3 AR-1232-4	6.477	5.513	935980	395529	1169.166	1124.939
15)	L3 AR-1232-5	6.576	5.697	759938	419104	1352.496	1091.577
16)	L4 AR-1242-1	6.279	5.204	1333078	533063	623.258	548.477
17)	L4 AR-1242-2	6.303	5.225	1870224	728542	620.459	555.349
18)	L4 AR-1242-3	6.369	5.415	1142874	406900	612.035	561.671
19)	L4 AR-1242-4	6.477	5.513	935980	395529	620.600	574.550
20)	L4 AR-1242-5	7.266	6.077	128492	350710	83.059	378.665 #
21)	L5 AR-1248-1	6.279	5.204	1333078	533063	855.891	747.947
22)	L5 AR-1248-2	6.576	5.468	759938	336542	357.665	332.230
23)	L5 AR-1248-3	6.794	5.513	923192	395529	372.262	399.292
24)	L5 AR-1248-4	7.227	5.697	137404	419104	52.445	340.067 #
25)	L5 AR-1248-5	7.266	6.120	128492	51716	49.620	41.865
26)	L6 AR-1254-1	7.195	6.077	682335	350710	245.187	180.365 #
27)	L6 AR-1254-2	7.426	6.238	740307	339815	177.951	201.965
28)	L6 AR-1254-3	7.811	6.677f	382477	619947	89.050	242.496 #
29)	L6 AR-1254-4	8.107	6.899	233596	76063	75.520	41.695 #
30)	L6 AR-1254-5	8.540	7.328	2237994	1186876	698.098	510.063 #
31)	L7 AR-1260-1	7.978	6.796	1628901	837758	512.753	458.491
32)	L7 AR-1260-2	8.245	6.995	1870902	1082212	498.474	451.661
33)	L7 AR-1260-3	8.613	7.148	1195514	940419	417.874	458.509
34)	L7 AR-1260-4	8.846	7.632	1441518	712460	446.321	404.774
35)	L7 AR-1260-5	9.177	7.883	2752576	1834140	434.352	410.800
36)	L8 AR-1262-1	8.613	7.328	1195514	1186876	320.578	974.163 #
37)	L8 AR-1262-2	9.177	7.883	2752576	1834140	427.767	405.988
38)	L8 AR-1262-3	9.516f	8.170	1842109	366576	605.617	195.880 #
39)	L8 AR-1262-4	9.568f	8.232	1036874	1245373	547.805	393.233 #
40)	L8 AR-1262-5	10.269	8.733	714232	385009	286.232	259.677
41)	L9 AR-1268-1	9.516f	8.170	1842109	366576	222.664	63.568 #

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 ALS Vial : 9 Sample Multiplier: 1

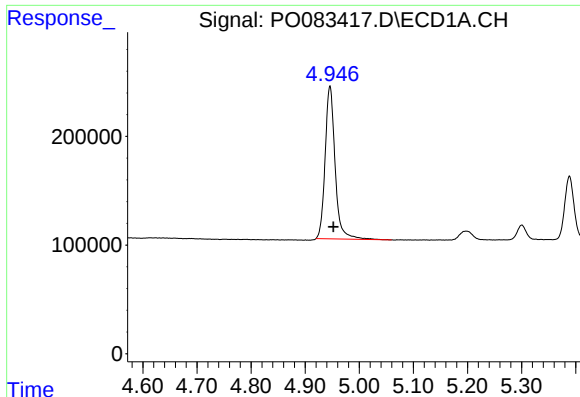
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.568f	8.232	1036874	1245373	134.805	259.292 #
43) L9	AR-1268-3	9.818	8.442	53696	27299	8.188	6.622
44) L9	AR-1268-4	10.269	8.733	714232	385009	250.124	227.131
45) L9	AR-1268-5	10.690	9.011	249877	107114	11.144	9.112

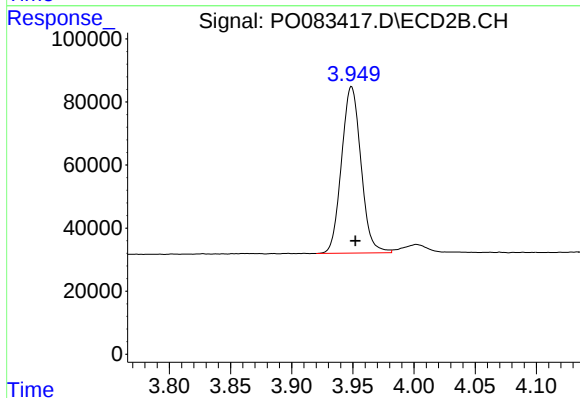
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

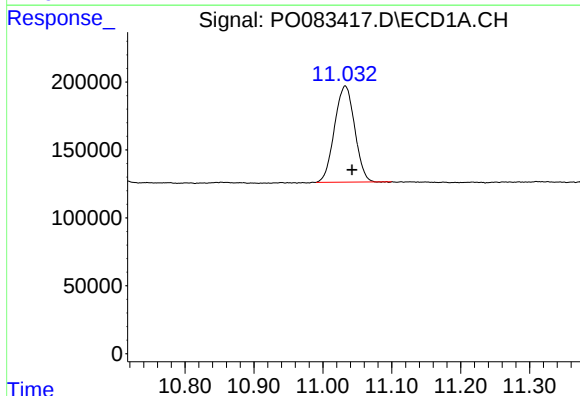
R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 1799341
Conc: 20.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



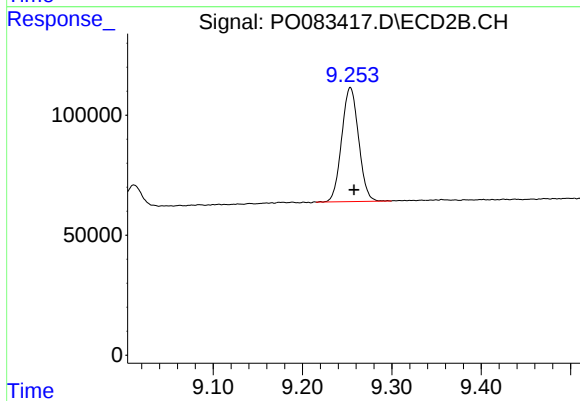
#1 Tetrachloro-m-xylene

R.T.: 3.949 min
Delta R.T.: -0.003 min
Response: 584785
Conc: 19.18 ng/ml



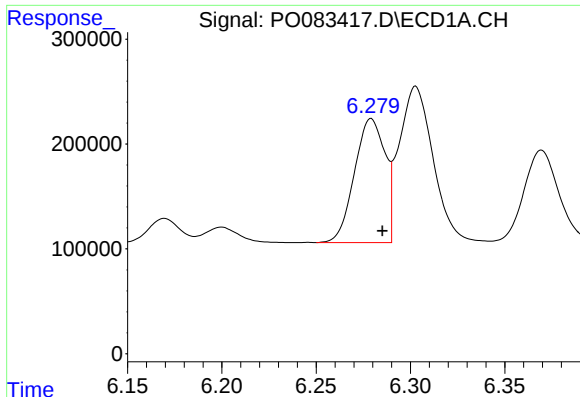
#2 Decachlorobiphenyl

R.T.: 11.033 min
Delta R.T.: -0.010 min
Response: 1435808
Conc: 21.84 ng/ml



#2 Decachlorobiphenyl

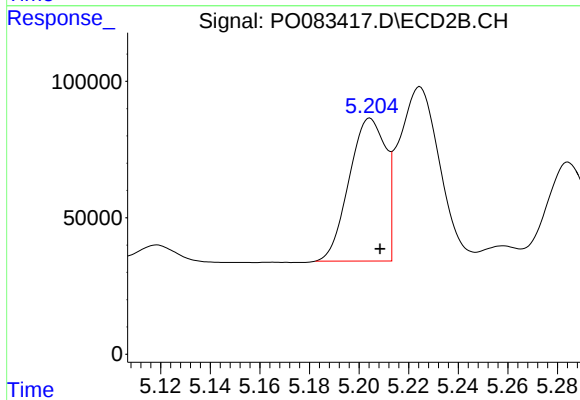
R.T.: 9.254 min
Delta R.T.: -0.004 min
Response: 623815
Conc: 20.75 ng/ml



#3 AR-1016-1

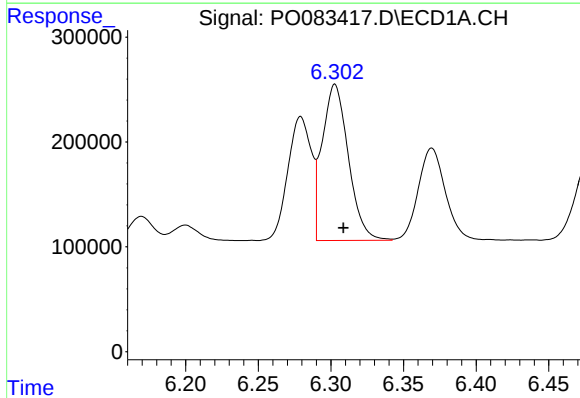
R.T.: 6.279 min
Delta R.T.: -0.006 min
Response: 1333078
Conc: 459.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



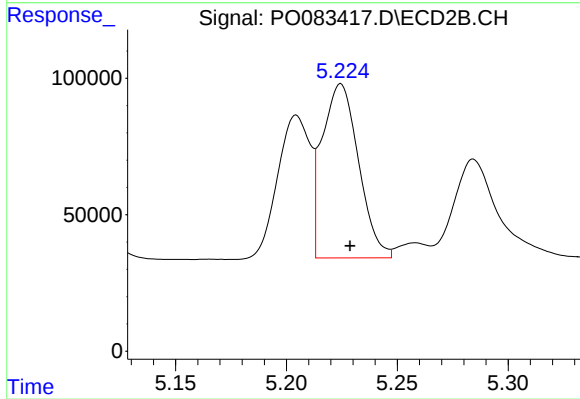
#3 AR-1016-1

R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 533063
Conc: 404.71 ng/ml



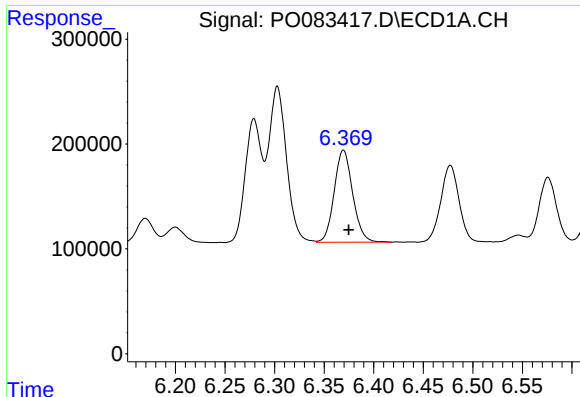
#4 AR-1016-2

R.T.: 6.303 min
Delta R.T.: -0.006 min
Response: 1870224
Conc: 453.82 ng/ml



#4 AR-1016-2

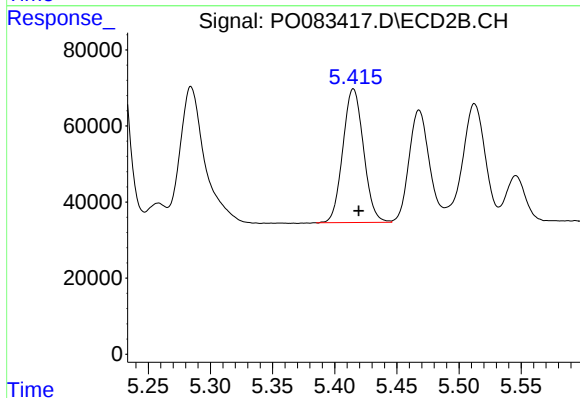
R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 728542
Conc: 405.87 ng/ml



#5 AR-1016-3

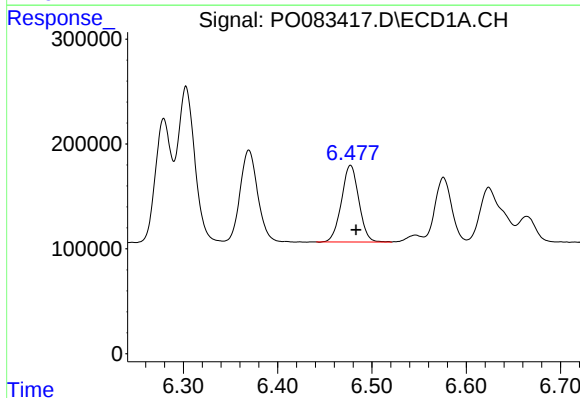
R.T.: 6.369 min
Delta R.T.: -0.005 min
Response: 1142874
Conc: 455.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



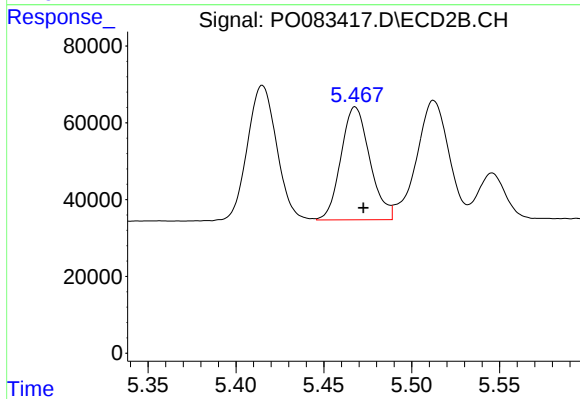
#5 AR-1016-3

R.T.: 5.415 min
Delta R.T.: -0.004 min
Response: 406900
Conc: 416.90 ng/ml



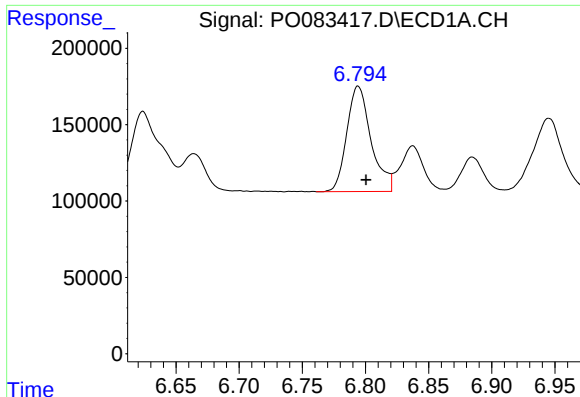
#6 AR-1016-4

R.T.: 6.477 min
Delta R.T.: -0.006 min
Response: 935980
Conc: 457.02 ng/ml



#6 AR-1016-4

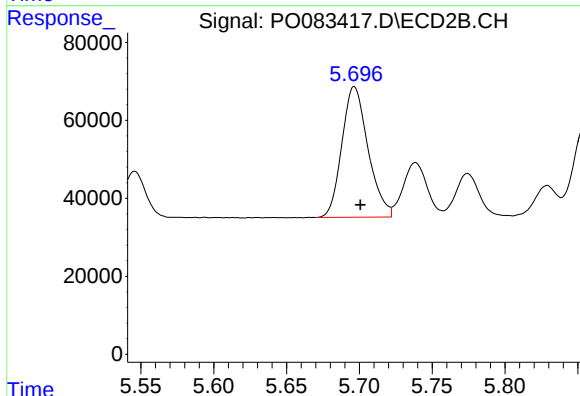
R.T.: 5.468 min
Delta R.T.: -0.005 min
Response: 336542
Conc: 413.98 ng/ml



#7 AR-1016-5

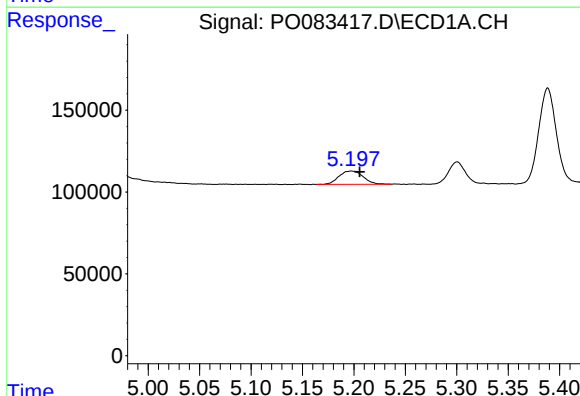
R.T.: 6.794 min
Delta R.T.: -0.006 min
Response: 923192
Conc: 455.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



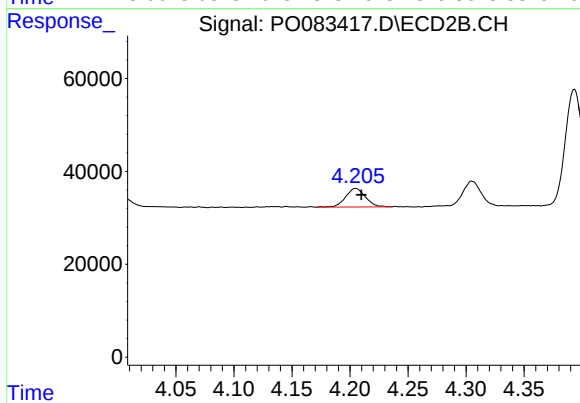
#7 AR-1016-5

R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 419104
Conc: 413.10 ng/ml



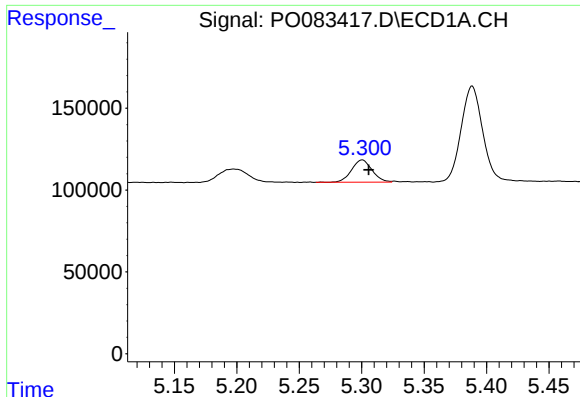
#8 AR-1221-1

R.T.: 5.197 min
Delta R.T.: -0.008 min
Response: 132973
Conc: 140.32 ng/ml



#8 AR-1221-1

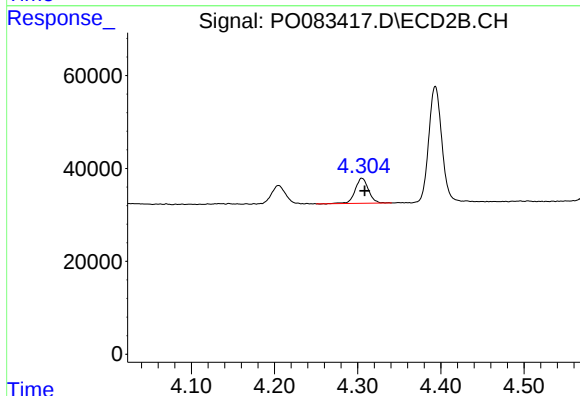
R.T.: 4.205 min
Delta R.T.: -0.005 min
Response: 47494
Conc: 127.81 ng/ml



#9 AR-1221-2

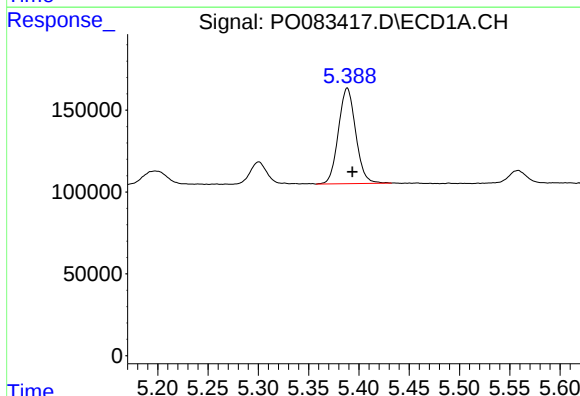
R.T.: 5.301 min
Delta R.T.: -0.005 min
Response: 156716
Conc: 233.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



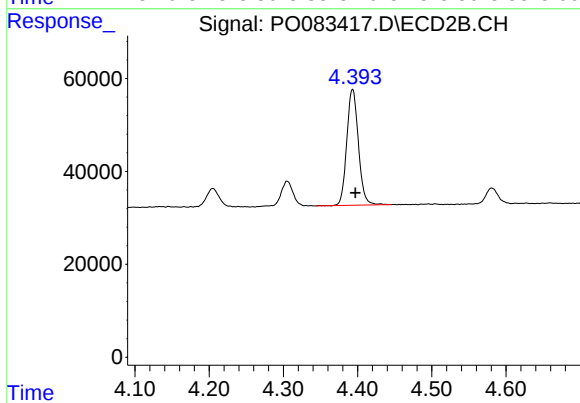
#9 AR-1221-2

R.T.: 4.305 min
Delta R.T.: -0.004 min
Response: 60230
Conc: 213.89 ng/ml



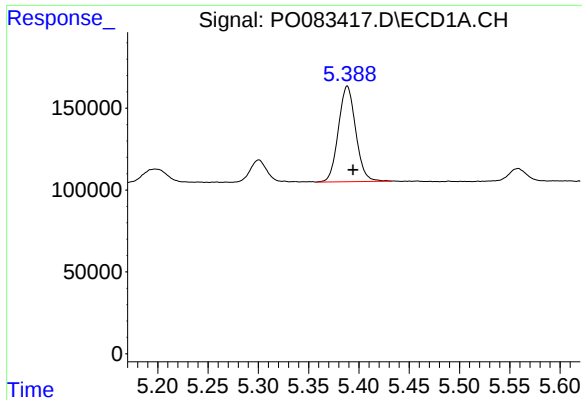
#10 AR-1221-3

R.T.: 5.388 min
Delta R.T.: -0.005 min
Response: 697967
Conc: 324.70 ng/ml



#10 AR-1221-3

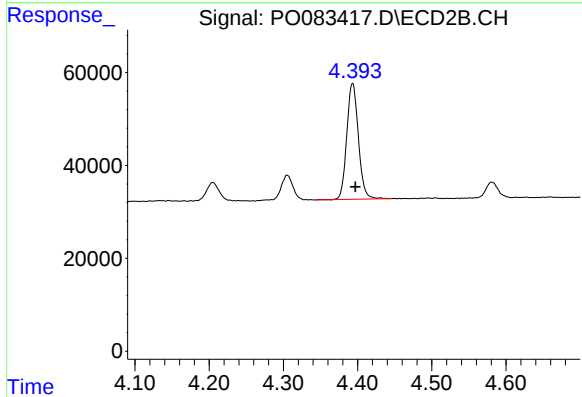
R.T.: 4.393 min
Delta R.T.: -0.004 min
Response: 272476
Conc: 301.28 ng/ml



#11 AR-1232-1

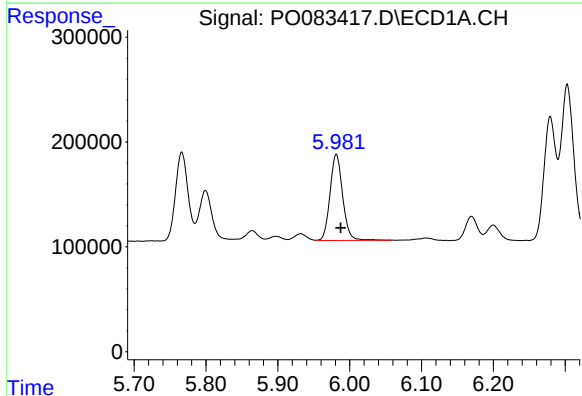
R.T.: 5.388 min
Delta R.T.: -0.006 min
Response: 697967
Conc: 392.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



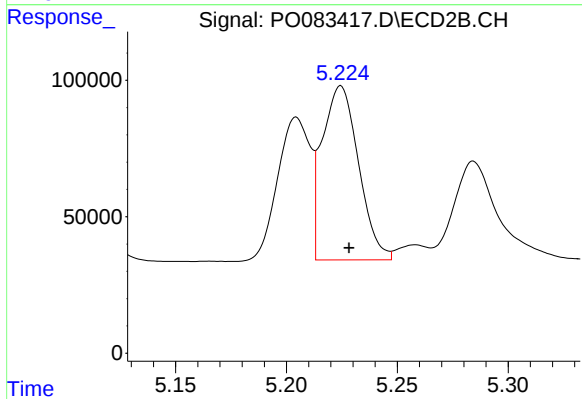
#11 AR-1232-1

R.T.: 4.393 min
Delta R.T.: -0.004 min
Response: 272476
Conc: 355.45 ng/ml



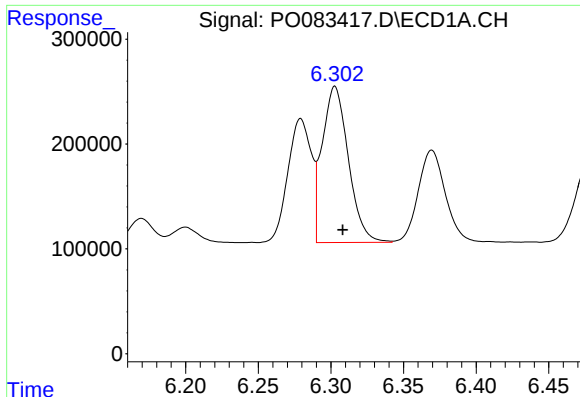
#12 AR-1232-2

R.T.: 5.981 min
Delta R.T.: -0.006 min
Response: 1005780
Conc: 1109.12 ng/ml



#12 AR-1232-2

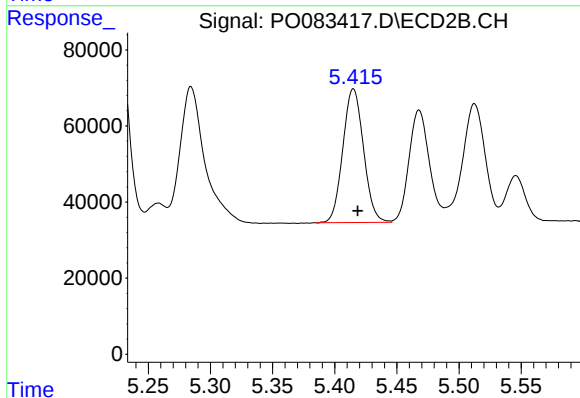
R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 728542
Conc: 969.87 ng/ml



#13 AR-1232-3

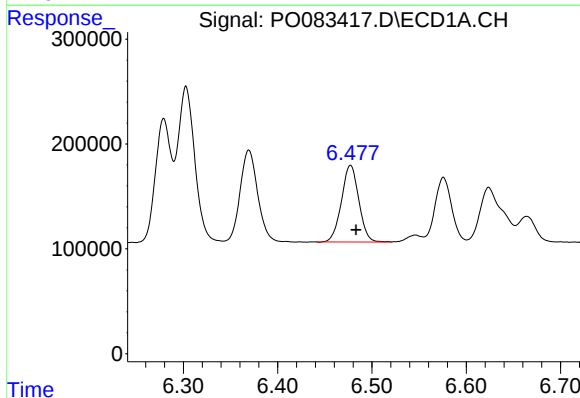
R.T.: 6.303 min
Delta R.T.: -0.005 min
Response: 1870224
Conc: 1141.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



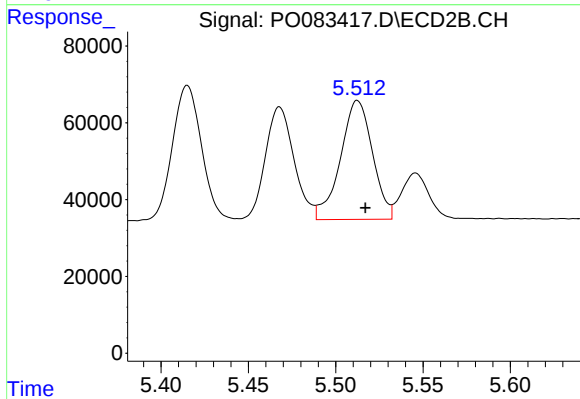
#13 AR-1232-3

R.T.: 5.415 min
Delta R.T.: -0.004 min
Response: 406900
Conc: 1027.32 ng/ml



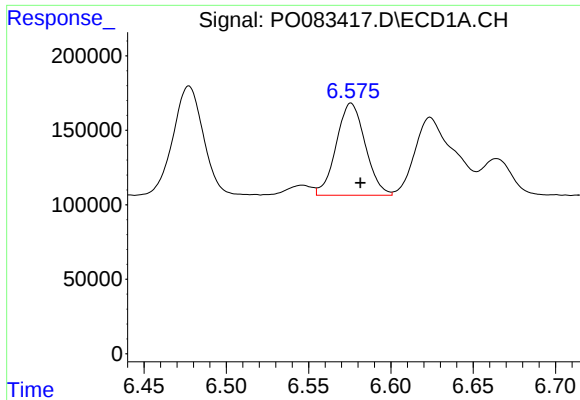
#14 AR-1232-4

R.T.: 6.477 min
Delta R.T.: -0.006 min
Response: 935980
Conc: 1169.17 ng/ml



#14 AR-1232-4

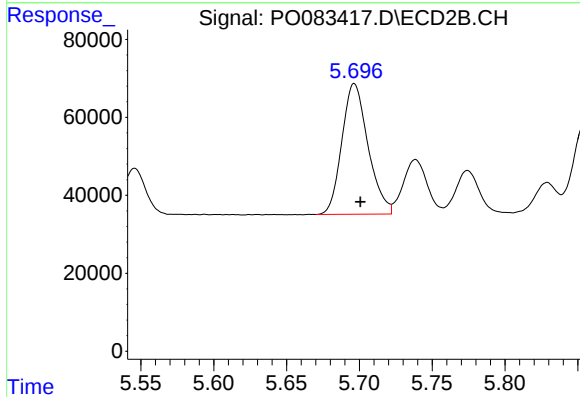
R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 395529
Conc: 1124.94 ng/ml



#15 AR-1232-5

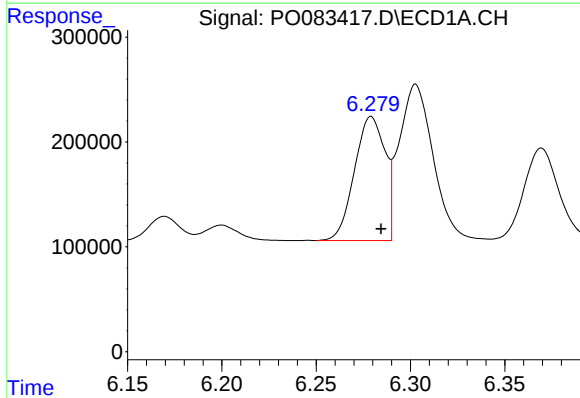
R.T.: 6.576 min
Delta R.T.: -0.006 min
Response: 759938
Conc: 1352.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



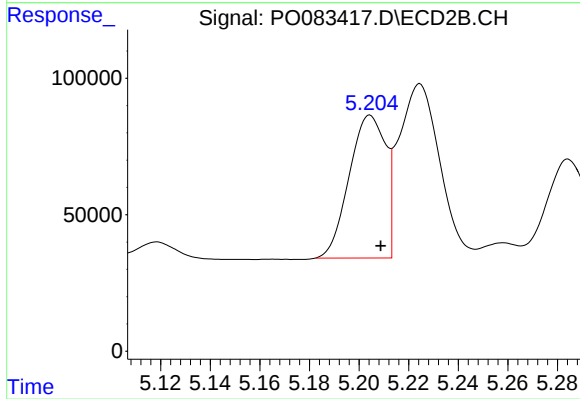
#15 AR-1232-5

R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 419104
Conc: 1091.58 ng/ml



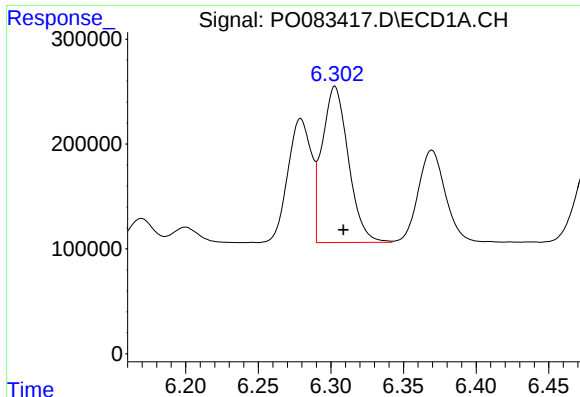
#16 AR-1242-1

R.T.: 6.279 min
Delta R.T.: -0.005 min
Response: 1333078
Conc: 623.26 ng/ml



#16 AR-1242-1

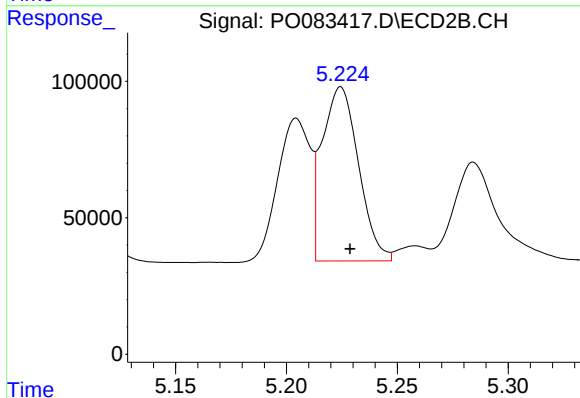
R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 533063
Conc: 548.48 ng/ml



#17 AR-1242-2

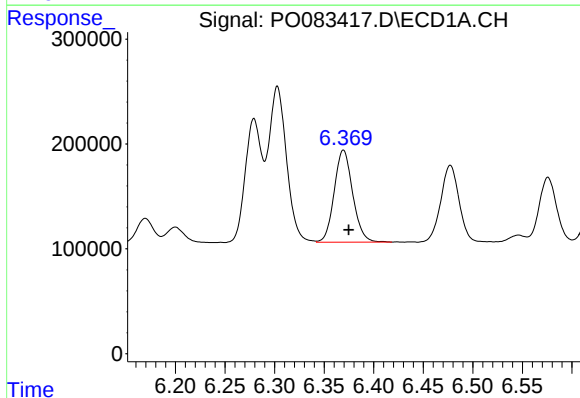
R.T.: 6.303 min
Delta R.T.: -0.006 min
Response: 1870224
Conc: 620.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



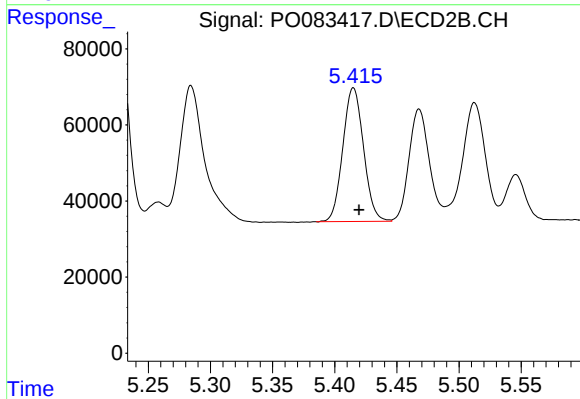
#17 AR-1242-2

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 728542
Conc: 555.35 ng/ml



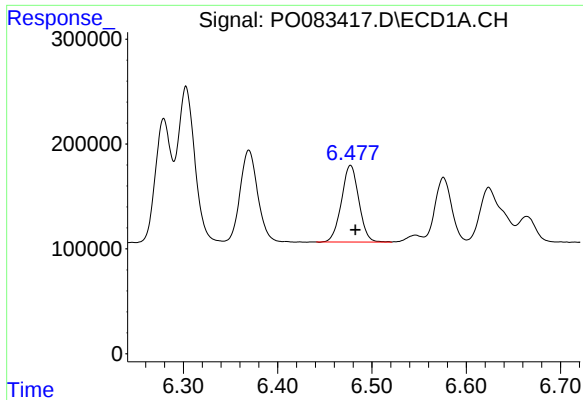
#18 AR-1242-3

R.T.: 6.369 min
Delta R.T.: -0.005 min
Response: 1142874
Conc: 612.03 ng/ml



#18 AR-1242-3

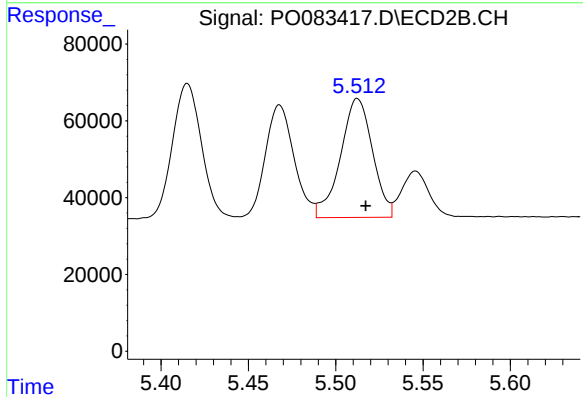
R.T.: 5.415 min
Delta R.T.: -0.004 min
Response: 406900
Conc: 561.67 ng/ml



#19 AR-1242-4

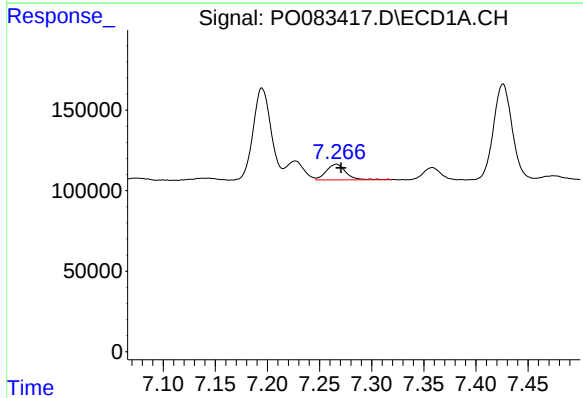
R.T.: 6.477 min
Delta R.T.: -0.005 min
Response: 935980
Conc: 620.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



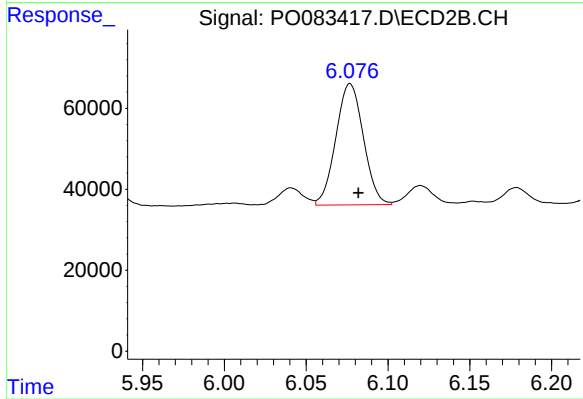
#19 AR-1242-4

R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 395529
Conc: 574.55 ng/ml



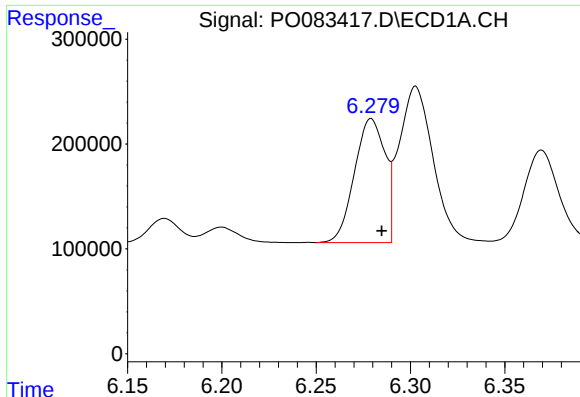
#20 AR-1242-5

R.T.: 7.266 min
Delta R.T.: -0.004 min
Response: 128492
Conc: 83.06 ng/ml



#20 AR-1242-5

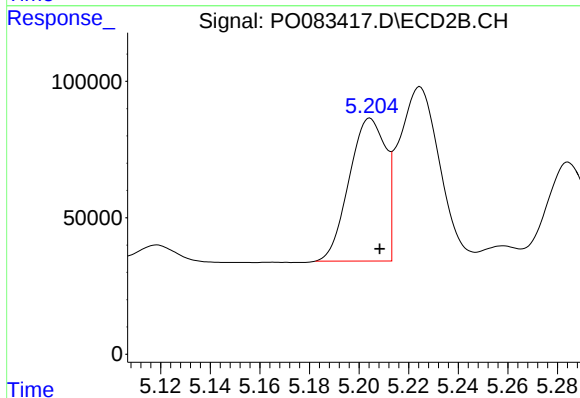
R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 350710
Conc: 378.67 ng/ml



#21 AR-1248-1

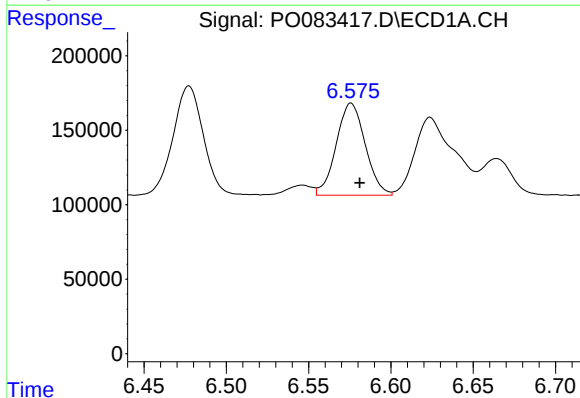
R.T.: 6.279 min
Delta R.T.: -0.006 min
Response: 1333078
Conc: 855.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



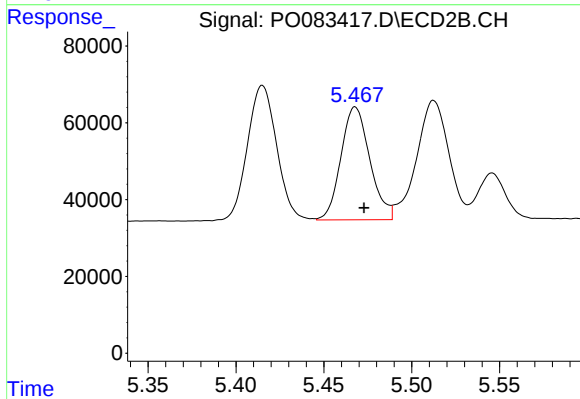
#21 AR-1248-1

R.T.: 5.204 min
Delta R.T.: -0.004 min
Response: 533063
Conc: 747.95 ng/ml



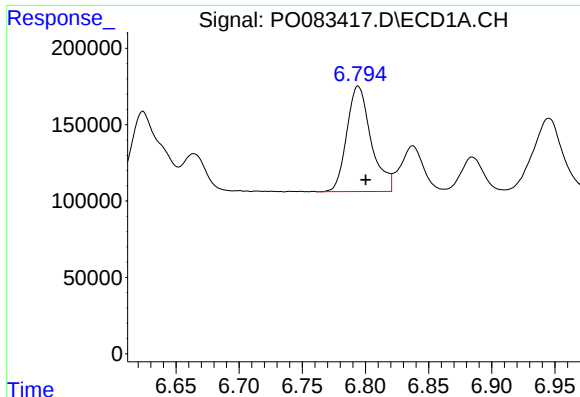
#22 AR-1248-2

R.T.: 6.576 min
Delta R.T.: -0.005 min
Response: 759938
Conc: 357.66 ng/ml



#22 AR-1248-2

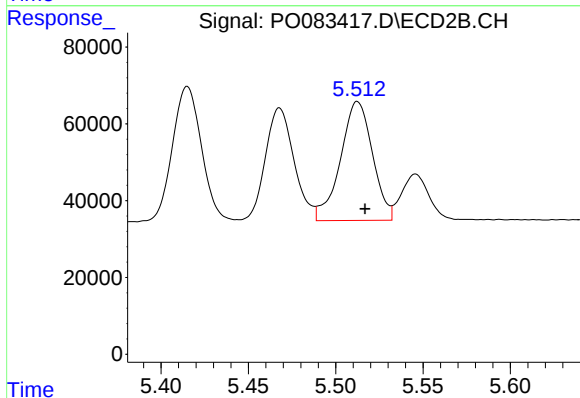
R.T.: 5.468 min
Delta R.T.: -0.005 min
Response: 336542
Conc: 332.23 ng/ml



#23 AR-1248-3

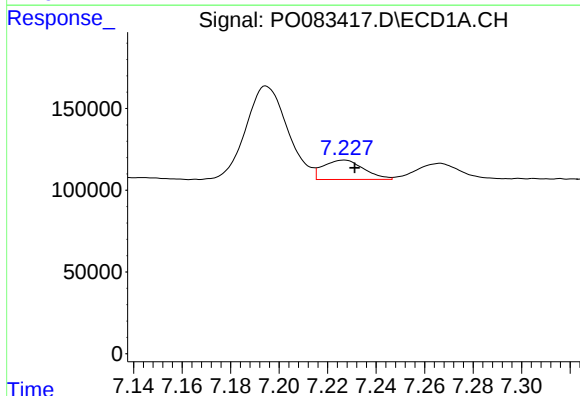
R.T.: 6.794 min
Delta R.T.: -0.006 min
Response: 923192
Conc: 372.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



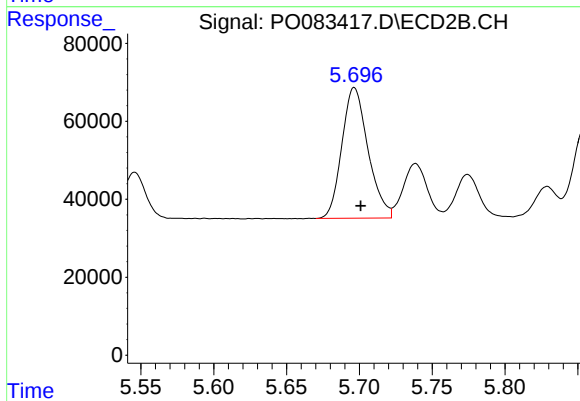
#23 AR-1248-3

R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 395529
Conc: 399.29 ng/ml



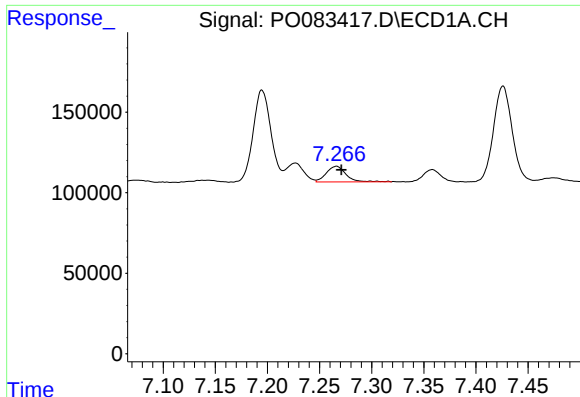
#24 AR-1248-4

R.T.: 7.227 min
Delta R.T.: -0.004 min
Response: 137404
Conc: 52.45 ng/ml



#24 AR-1248-4

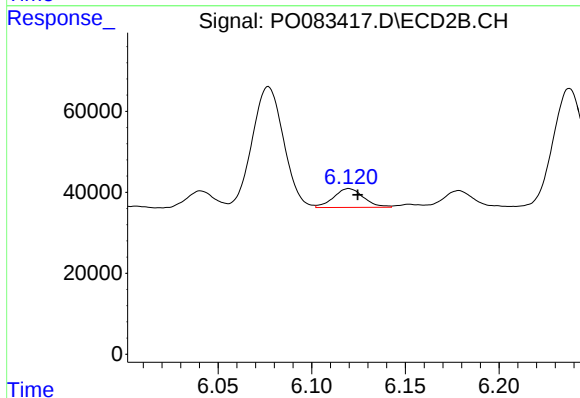
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 419104
Conc: 340.07 ng/ml



#25 AR-1248-5

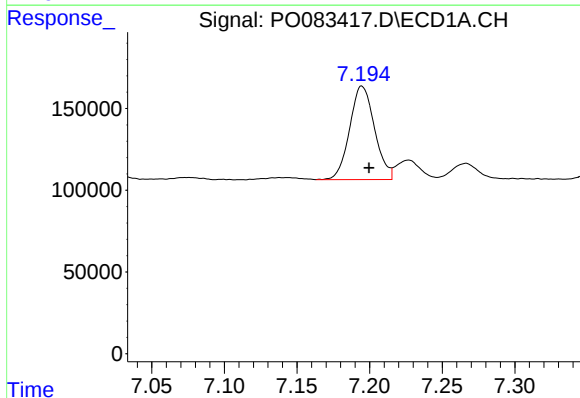
R.T.: 7.266 min
Delta R.T.: -0.005 min
Response: 128492
Conc: 49.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



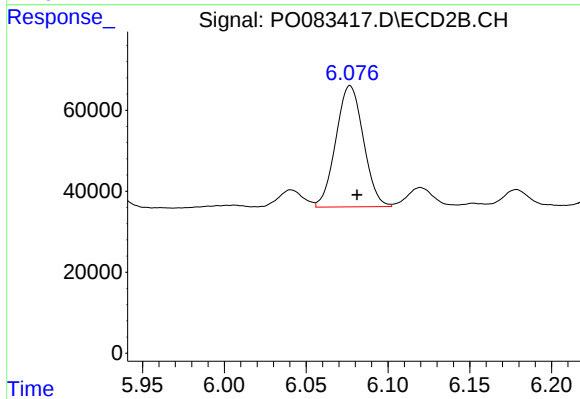
#25 AR-1248-5

R.T.: 6.120 min
Delta R.T.: -0.005 min
Response: 51716
Conc: 41.87 ng/ml



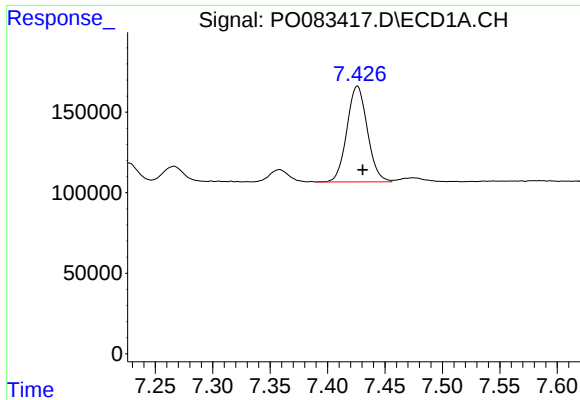
#26 AR-1254-1

R.T.: 7.195 min
Delta R.T.: -0.005 min
Response: 682335
Conc: 245.19 ng/ml



#26 AR-1254-1

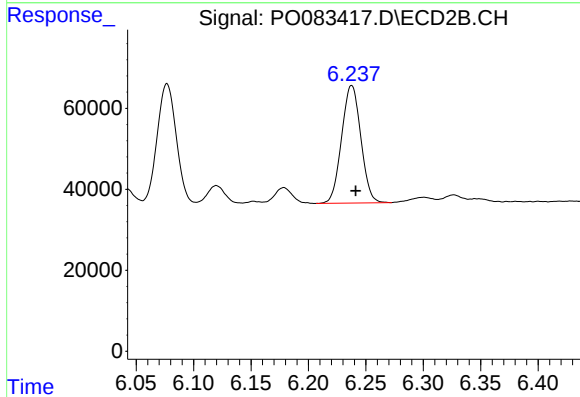
R.T.: 6.077 min
Delta R.T.: -0.004 min
Response: 350710
Conc: 180.36 ng/ml



#27 AR-1254-2

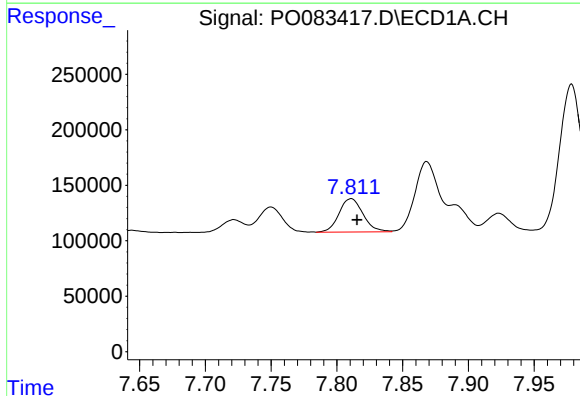
R.T.: 7.426 min
Delta R.T.: -0.005 min
Response: 740307
Conc: 177.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



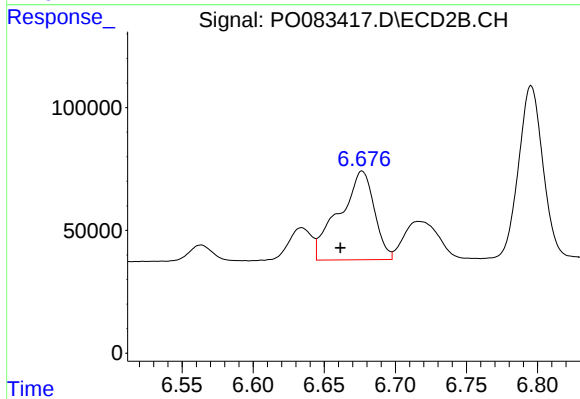
#27 AR-1254-2

R.T.: 6.238 min
Delta R.T.: -0.004 min
Response: 339815
Conc: 201.96 ng/ml



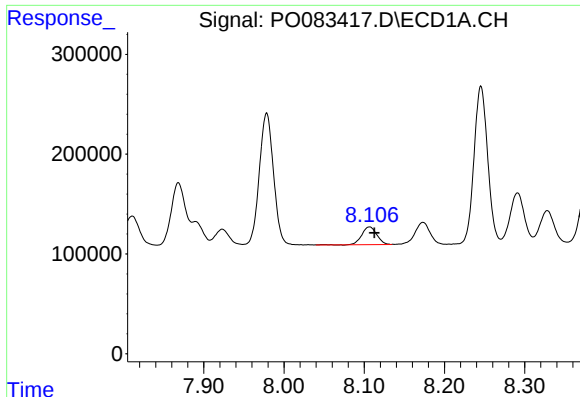
#28 AR-1254-3

R.T.: 7.811 min
Delta R.T.: -0.005 min
Response: 382477
Conc: 89.05 ng/ml



#28 AR-1254-3

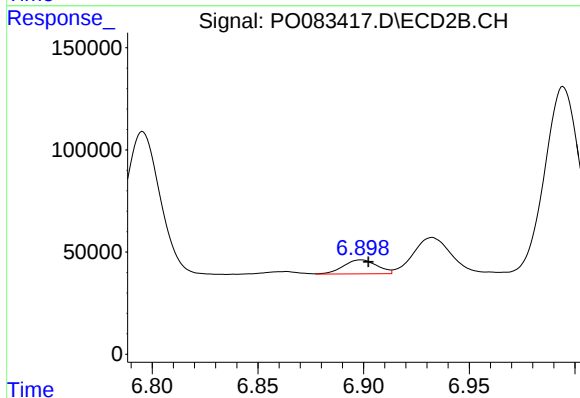
R.T.: 6.677 min
Delta R.T.: 0.015 min
Response: 619947
Conc: 242.50 ng/ml



#29 AR-1254-4

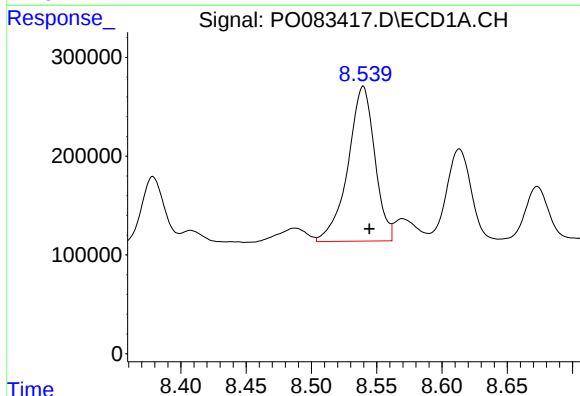
R.T.: 8.107 min
Delta R.T.: -0.006 min
Response: 233596
Conc: 75.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



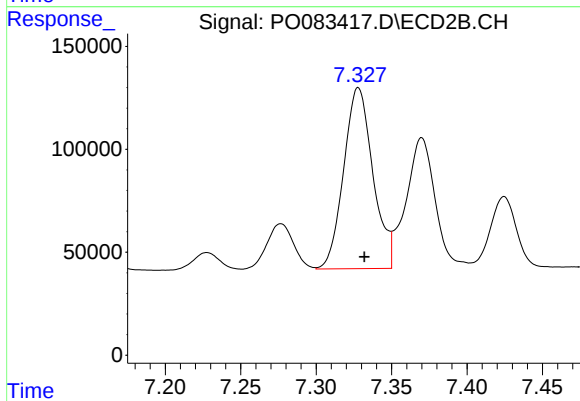
#29 AR-1254-4

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 76063
Conc: 41.69 ng/ml



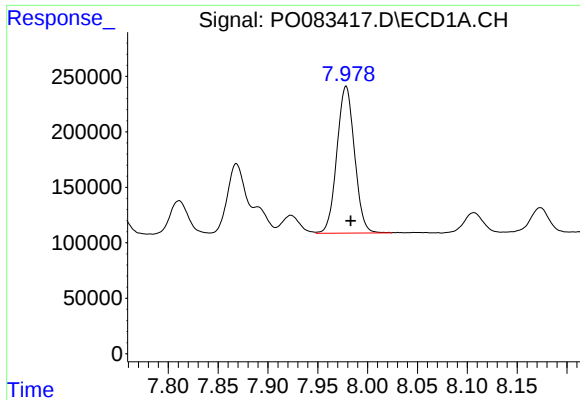
#30 AR-1254-5

R.T.: 8.540 min
Delta R.T.: -0.005 min
Response: 2237994
Conc: 698.10 ng/ml



#30 AR-1254-5

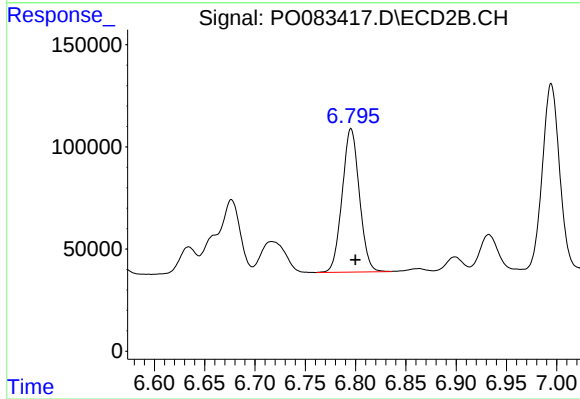
R.T.: 7.328 min
Delta R.T.: -0.004 min
Response: 1186876
Conc: 510.06 ng/ml



#31 AR-1260-1

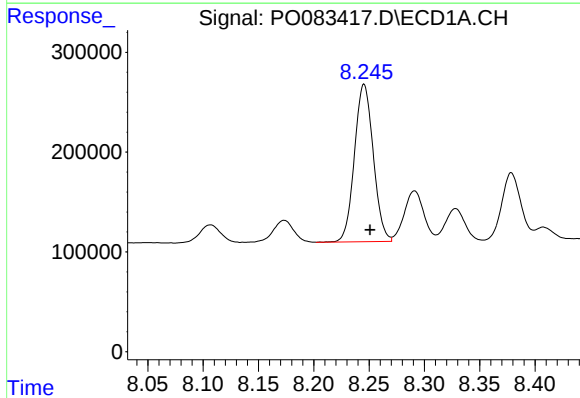
R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 1628901
Conc: 512.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



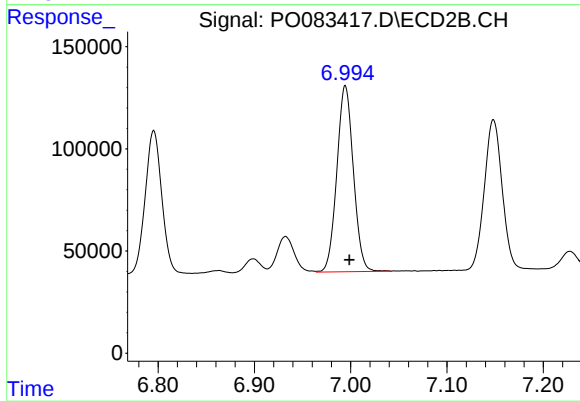
#31 AR-1260-1

R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 837758
Conc: 458.49 ng/ml



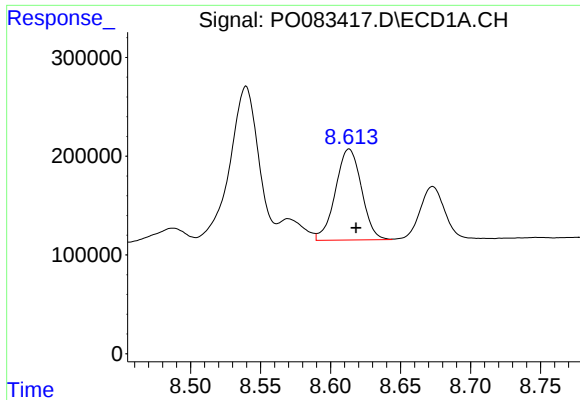
#32 AR-1260-2

R.T.: 8.245 min
Delta R.T.: -0.006 min
Response: 1870902
Conc: 498.47 ng/ml



#32 AR-1260-2

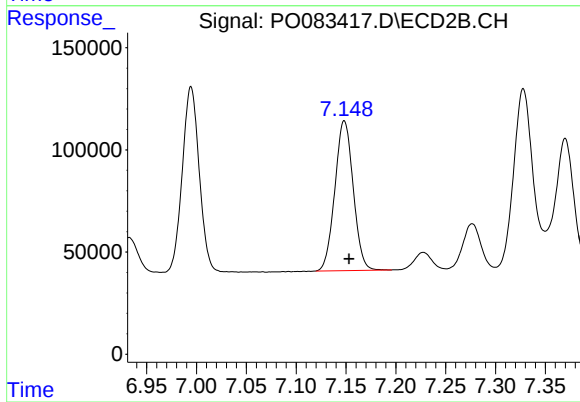
R.T.: 6.995 min
Delta R.T.: -0.004 min
Response: 1082212
Conc: 451.66 ng/ml



#33 AR-1260-3

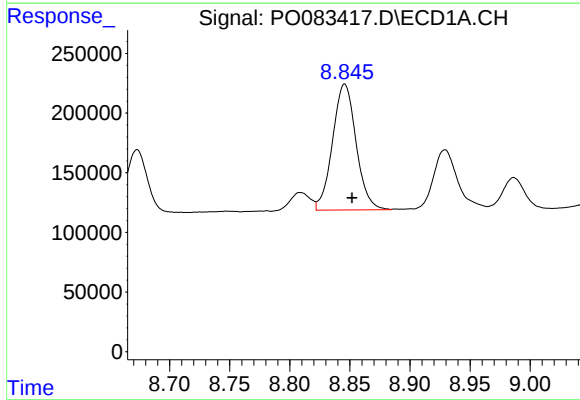
R.T.: 8.613 min
Delta R.T.: -0.005 min
Response: 1195514
Conc: 417.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



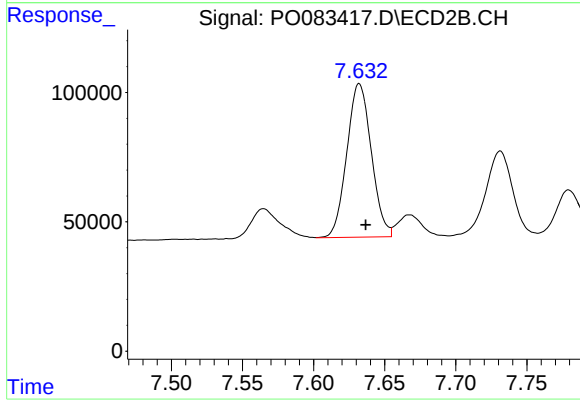
#33 AR-1260-3

R.T.: 7.148 min
Delta R.T.: -0.005 min
Response: 940419
Conc: 458.51 ng/ml



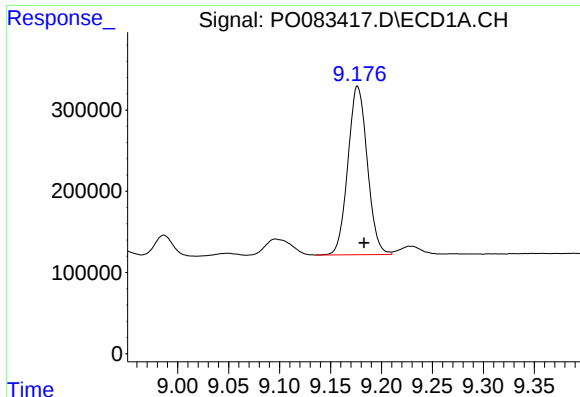
#34 AR-1260-4

R.T.: 8.846 min
Delta R.T.: -0.006 min
Response: 1441518
Conc: 446.32 ng/ml



#34 AR-1260-4

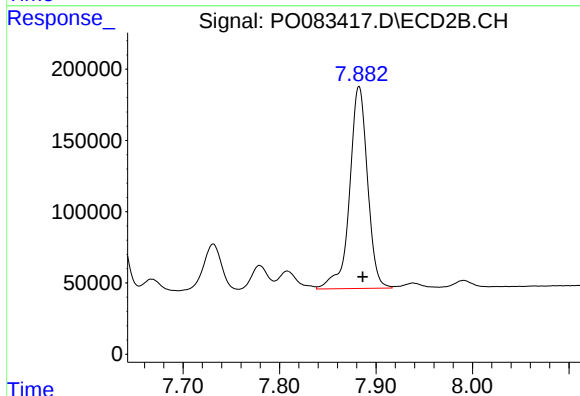
R.T.: 7.632 min
Delta R.T.: -0.005 min
Response: 712460
Conc: 404.77 ng/ml



#35 AR-1260-5

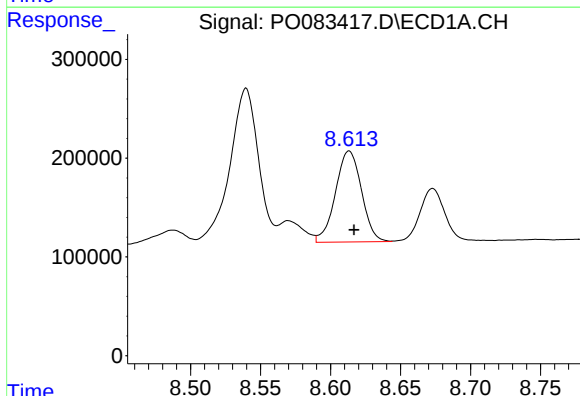
R.T.: 9.177 min
Delta R.T.: -0.006 min
Response: 2752576
Conc: 434.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



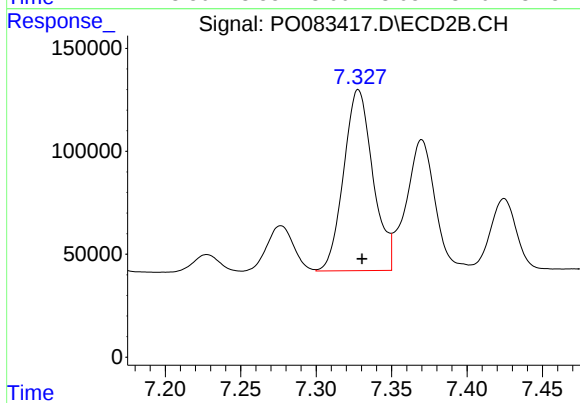
#35 AR-1260-5

R.T.: 7.883 min
Delta R.T.: -0.004 min
Response: 1834140
Conc: 410.80 ng/ml



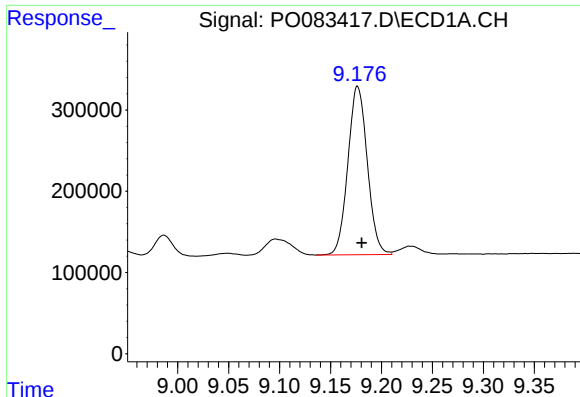
#36 AR-1262-1

R.T.: 8.613 min
Delta R.T.: -0.004 min
Response: 1195514
Conc: 320.58 ng/ml



#36 AR-1262-1

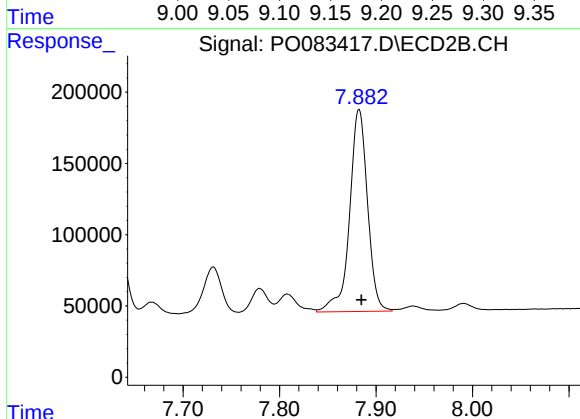
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 1186876
Conc: 974.16 ng/ml



#37 AR-1262-2

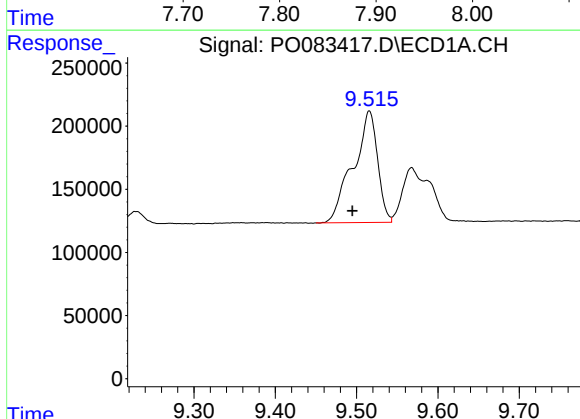
R.T.: 9.177 min
Delta R.T.: -0.004 min
Response: 2752576
Conc: 427.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



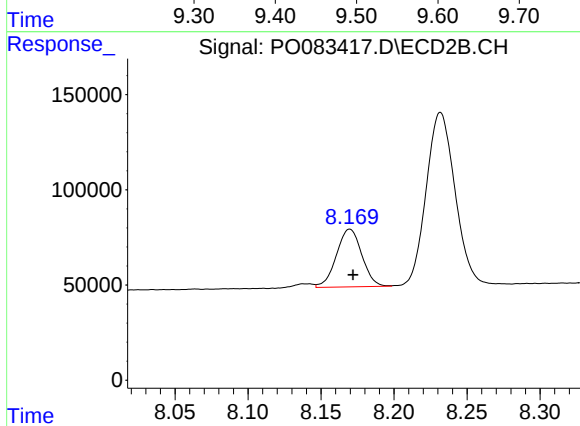
#37 AR-1262-2

R.T.: 7.883 min
Delta R.T.: -0.002 min
Response: 1834140
Conc: 405.99 ng/ml



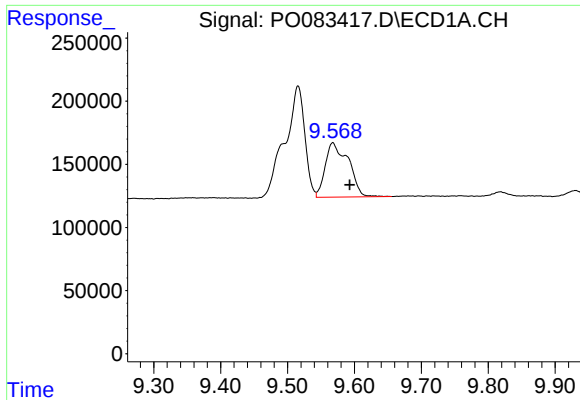
#38 AR-1262-3

R.T.: 9.516 min
Delta R.T.: 0.021 min
Response: 1842109
Conc: 605.62 ng/ml



#38 AR-1262-3

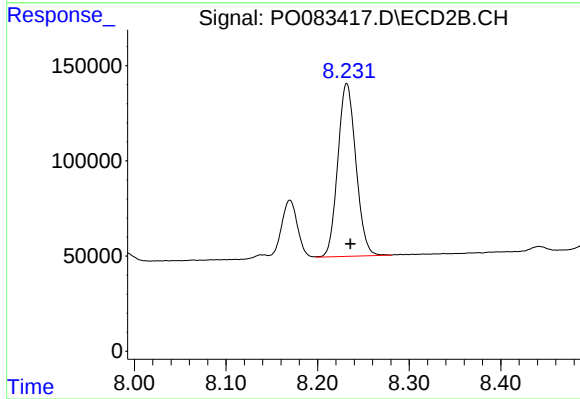
R.T.: 8.170 min
Delta R.T.: -0.002 min
Response: 366576
Conc: 195.88 ng/ml



#39 AR-1262-4

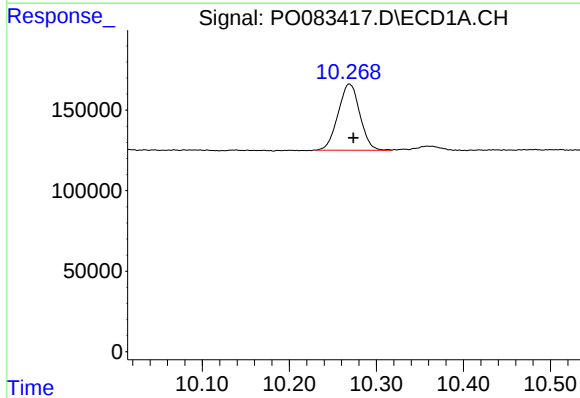
R.T.: 9.568 min
Delta R.T.: -0.025 min
Response: 1036874
Conc: 547.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



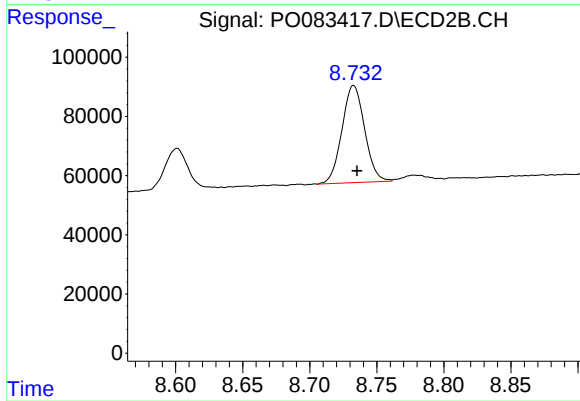
#39 AR-1262-4

R.T.: 8.232 min
Delta R.T.: -0.004 min
Response: 1245373
Conc: 393.23 ng/ml



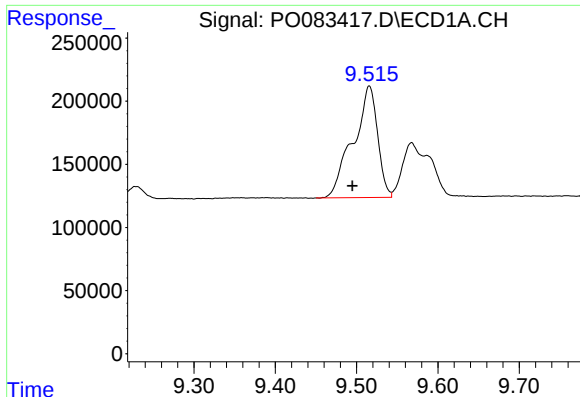
#40 AR-1262-5

R.T.: 10.269 min
Delta R.T.: -0.005 min
Response: 714232
Conc: 286.23 ng/ml



#40 AR-1262-5

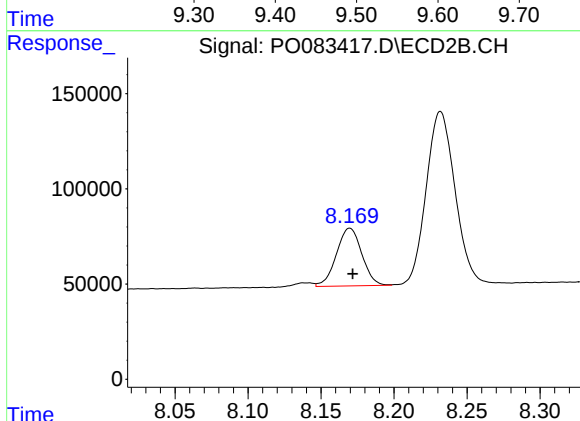
R.T.: 8.733 min
Delta R.T.: -0.003 min
Response: 385009
Conc: 259.68 ng/ml



#41 AR-1268-1

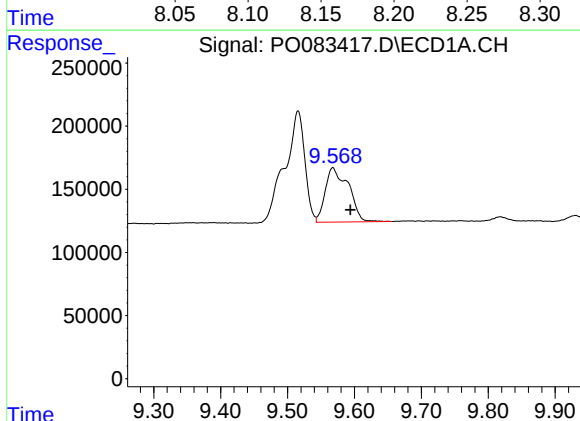
R.T.: 9.516 min
Delta R.T.: 0.021 min
Response: 1842109
Conc: 222.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



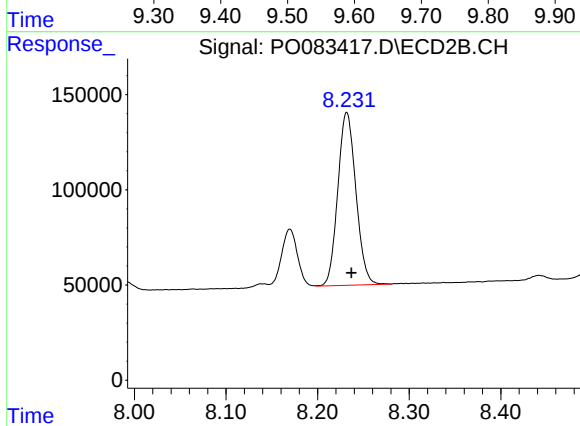
#41 AR-1268-1

R.T.: 8.170 min
Delta R.T.: -0.002 min
Response: 366576
Conc: 63.57 ng/ml



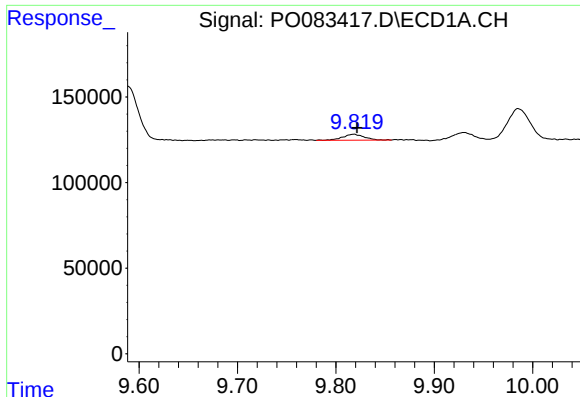
#42 AR-1268-2

R.T.: 9.568 min
Delta R.T.: -0.026 min
Response: 1036874
Conc: 134.80 ng/ml



#42 AR-1268-2

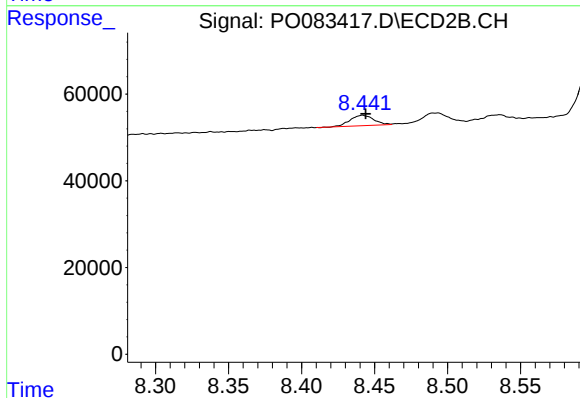
R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 1245373
Conc: 259.29 ng/ml



#43 AR-1268-3

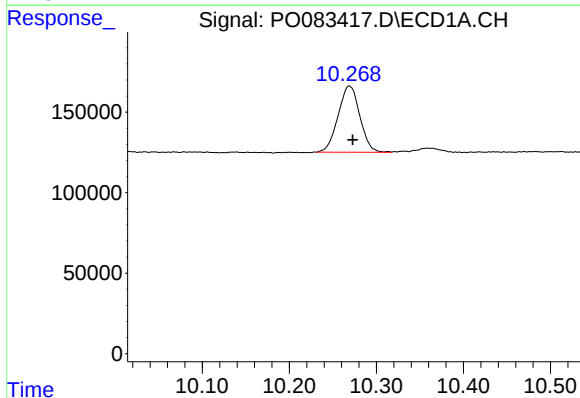
R.T.: 9.818 min
Delta R.T.: -0.003 min
Response: 53696
Conc: 8.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



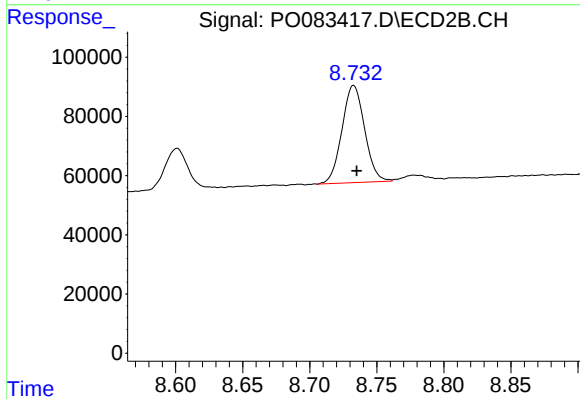
#43 AR-1268-3

R.T.: 8.442 min
Delta R.T.: -0.002 min
Response: 27299
Conc: 6.62 ng/ml



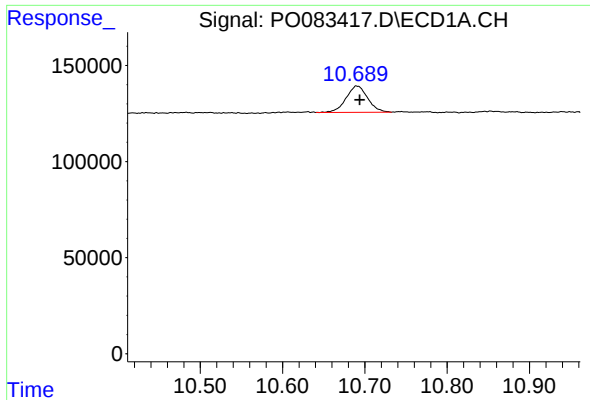
#44 AR-1268-4

R.T.: 10.269 min
Delta R.T.: -0.004 min
Response: 714232
Conc: 250.12 ng/ml



#44 AR-1268-4

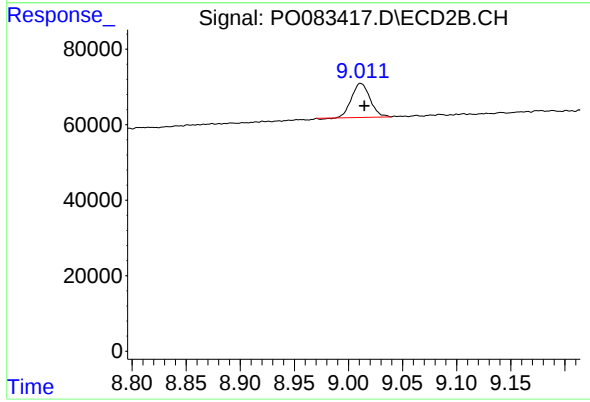
R.T.: 8.733 min
Delta R.T.: -0.002 min
Response: 385009
Conc: 227.13 ng/ml



#45 AR-1268-5

R.T.: 10.690 min
Delta R.T.: -0.004 min
Response: 249877
Conc: 11.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.011 min
Delta R.T.: -0.003 min
Response: 107114
Conc: 9.11 ng/ml