

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091922\
 Data File : PR056797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2022 13:29
 Operator : AJ\MA
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 13:53:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 07 09:20:17 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.624	2.894	246.8E6	85338794	51.359	48.689
2)	SA Decachlor...	9.510	8.098	101.2E6	81833448	50.998	49.186
Target Compounds							
3)	L1 AR-1016-1	4.845	3.997	51602127	21796613	411.894	406.757
4)	L1 AR-1016-2	4.867	4.014	74532385	32890663	409.958	409.289
5)	L1 AR-1016-3	4.931	4.191	44434791	18573660	416.517	428.043
6)	L1 AR-1016-4	5.033	4.242	36517342	13249880	421.905	418.020
7)	L1 AR-1016-5	5.348	4.456	32758948	18440885	431.841	436.902
8)	L2 AR-1221-1	3.843	3.114	7032860	2236973	130.518	111.861
9)	L2 AR-1221-2	3.935	3.200	9939658	3685585	253.647	243.964
10)	L2 AR-1221-3	4.012	3.276	33884480	13319719	284.961	285.956
11)	L3 AR-1232-1	4.012	3.276	33884480	13319719	352.271	353.083
12)	L3 AR-1232-2	4.560	4.014	41149056	32890663	935.173	936.467
13)	L3 AR-1232-3	4.867	4.191	74532385	18573660	928.173	1016.773
14)	L3 AR-1232-4	5.033	4.283	36517342	16051728	971.991	1071.760
15)	L3 AR-1232-5	5.136	4.456	26709285	18440885	1042.684	1058.051
16)	L4 AR-1242-1	4.845	3.997	51602127	21796613	492.823	485.567
17)	L4 AR-1242-2	4.867	4.014	74532385	32890663	490.331	498.148
18)	L4 AR-1242-3	4.931	4.191	44434791	18573660	495.286	512.747
19)	L4 AR-1242-4	5.033	4.283	36517342	16051728	503.294	496.280
20)	L4 AR-1242-5	5.821	4.823	31488097	21636827	472.406	517.060
21)	L5 AR-1248-1	4.845	3.997	51602127	21796613	638.659	624.956
22)	L5 AR-1248-2	5.136	4.242	26709285	13249880	278.532	281.052
23)	L5 AR-1248-3	5.348	4.283	32758948	16051728	306.821	331.541
24)	L5 AR-1248-4	5.782	4.456	30401801	18440885	275.563	313.574
25)	L5 AR-1248-5	5.821	4.865	31488097	19364797	286.528	319.095
26)	L6 AR-1254-1	5.751	4.823	23880446	21636827	225.128	246.034
27)	L6 AR-1254-2	5.989	4.981	26761278	7104703	171.370	92.590 #
28)	L6 AR-1254-3	6.380	5.398	11343185	7801840	74.161	61.676
29)	L6 AR-1254-4	6.693	5.644	6821137	4989362	58.656	62.766
30)	L6 AR-1254-5	7.148	6.084	2061927	1924407	17.574	17.408
31)	L7 AR-1260-1	6.562	5.545	2286718	2995411	20.577	36.521 #
32)	L7 AR-1260-2	6.816f	5.742	2228934	857377	16.764	8.417 #
33)	L7 AR-1260-3	0.000	5.895	0	1083268	N.D.	11.445 #
34)	L7 AR-1260-4	7.457f	6.400	801020	227309	7.394	2.833 #
35)	L7 AR-1260-5	7.815	6.663	1040701	375274	4.963	1.963 #
36)	L8 AR-1262-1	0.000	6.153f	0	200276	N.D.	1.865 #
37)	L8 AR-1262-2	7.815	6.400	1040701	227309	4.580	2.296 #
38)	L8 AR-1262-3	8.129	0.000	479821	0	3.068	N.D. #
39)	L8 AR-1262-4	8.199	7.029	861742	556962	12.521	3.616 #
41)	L9 AR-1268-1	8.129	0.000	479821	0	1.732	N.D. #
42)	L9 AR-1268-2	8.199	7.029	861742	556962	3.313	2.533

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Integration File signal 1: autoint1.e
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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
43) L9	AR-1268-3	8.420	7.254	234416	548086	1.062	2.963 #
45) L9	AR-1268-5	9.203	7.863	1310347	488845	1.833	0.801 #

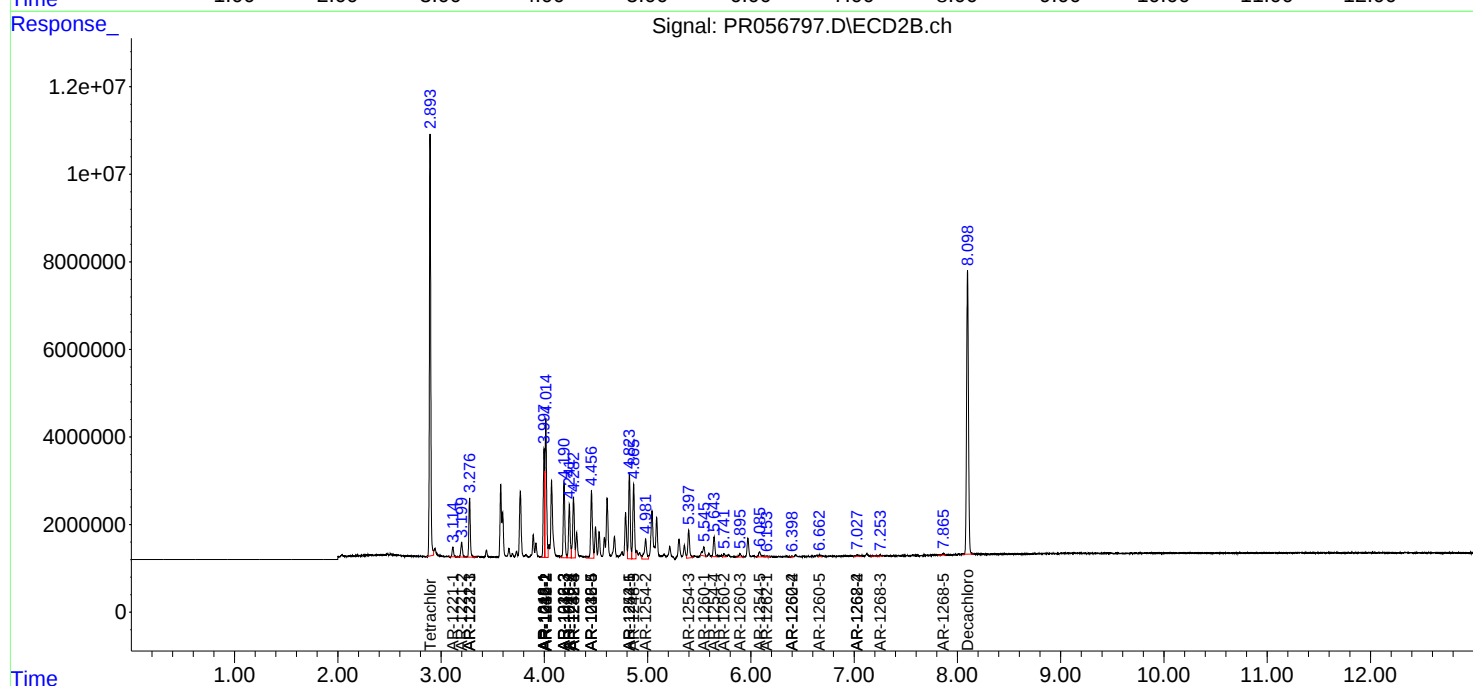
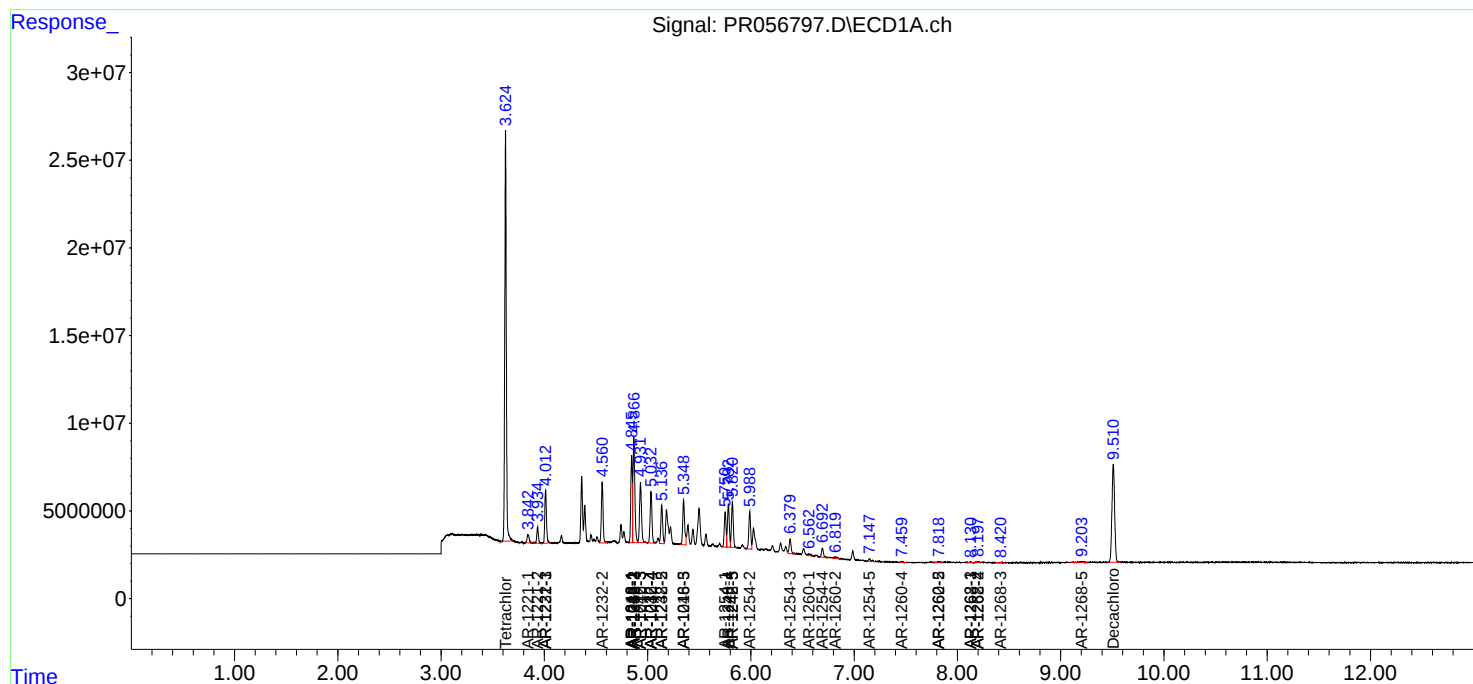
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

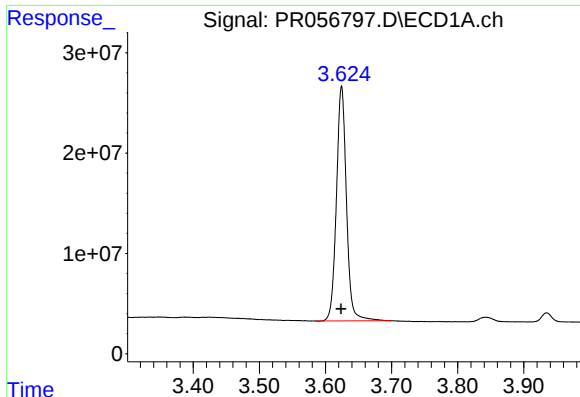
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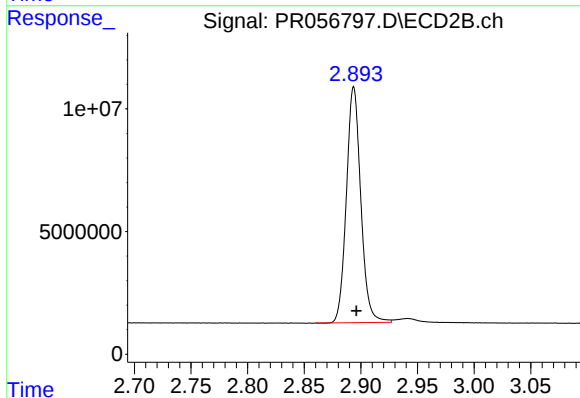




#1 Tetrachloro-m-xylene

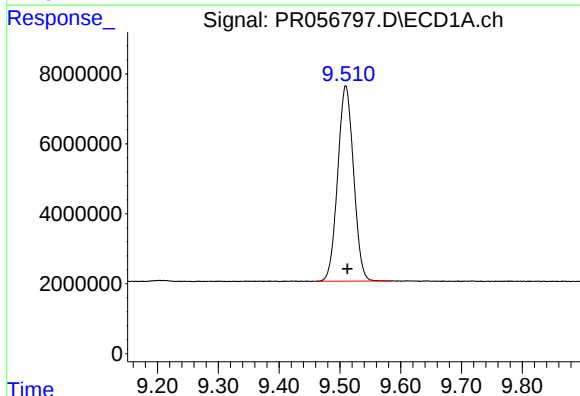
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 246766726
Conc: 51.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



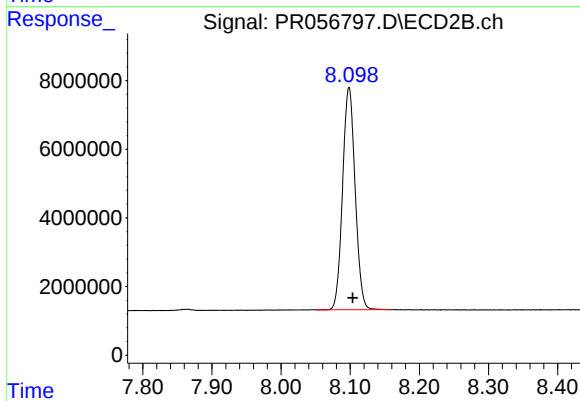
#1 Tetrachloro-m-xylene

R.T.: 2.894 min
Delta R.T.: -0.002 min
Response: 85338794
Conc: 48.69 ng/ml



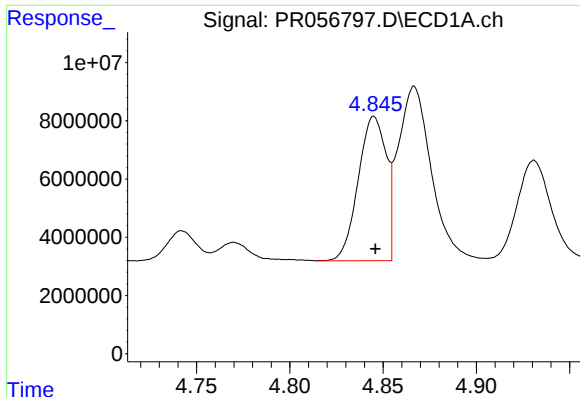
#2 Decachlorobiphenyl

R.T.: 9.510 min
Delta R.T.: -0.003 min
Response: 101198858
Conc: 51.00 ng/ml



#2 Decachlorobiphenyl

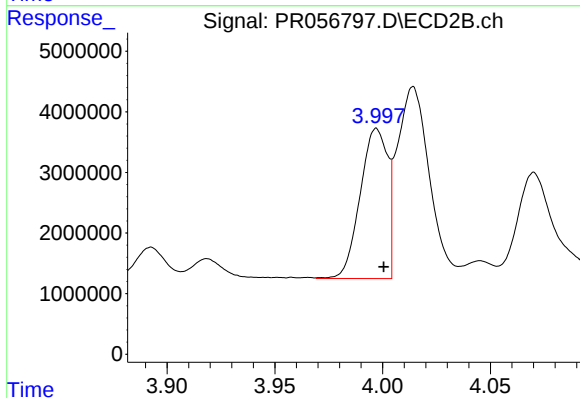
R.T.: 8.098 min
Delta R.T.: -0.005 min
Response: 81833448
Conc: 49.19 ng/ml



#3 AR-1016-1

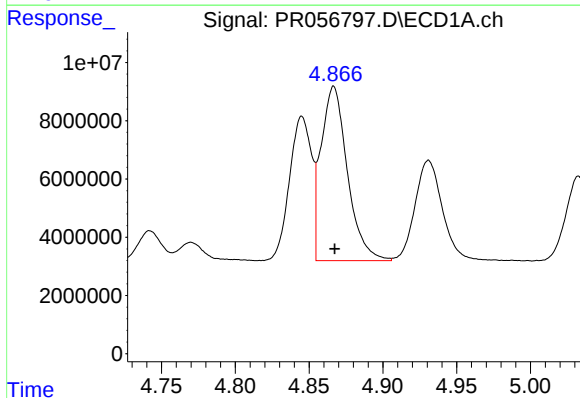
R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 51602127
Conc: 411.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



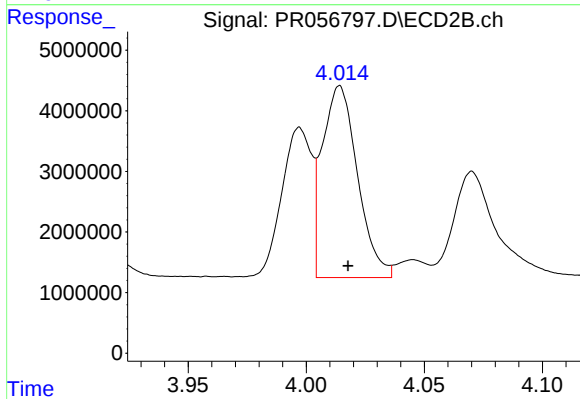
#3 AR-1016-1

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 21796613
Conc: 406.76 ng/ml



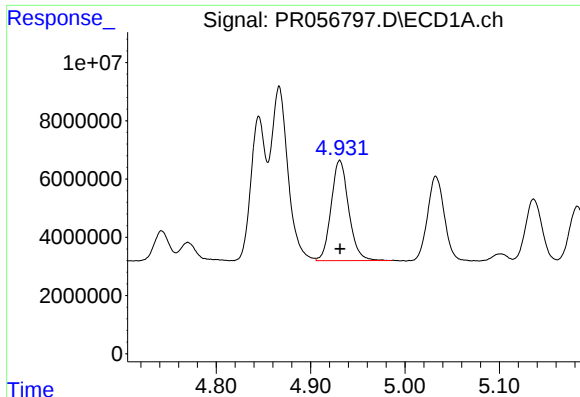
#4 AR-1016-2

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 74532385
Conc: 409.96 ng/ml



#4 AR-1016-2

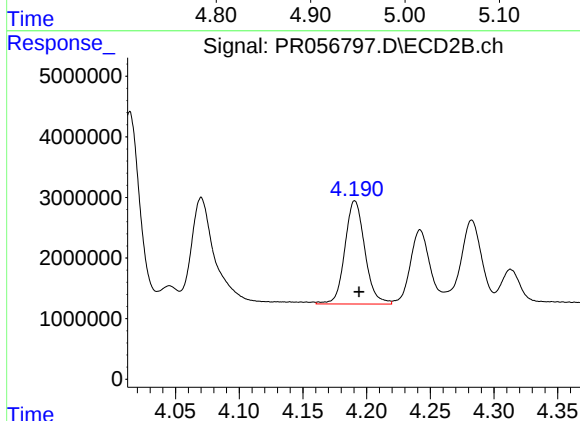
R.T.: 4.014 min
Delta R.T.: -0.004 min
Response: 32890663
Conc: 409.29 ng/ml



#5 AR-1016-3

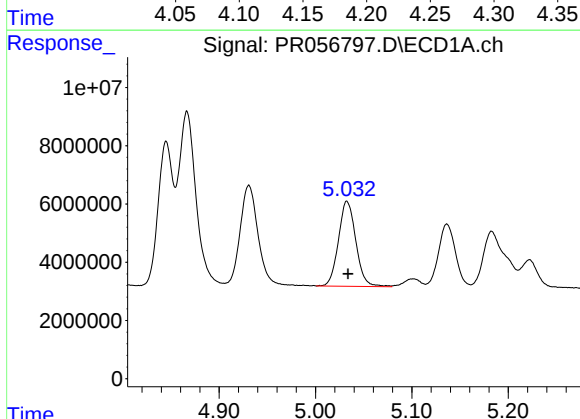
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 44434791
Conc: 416.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



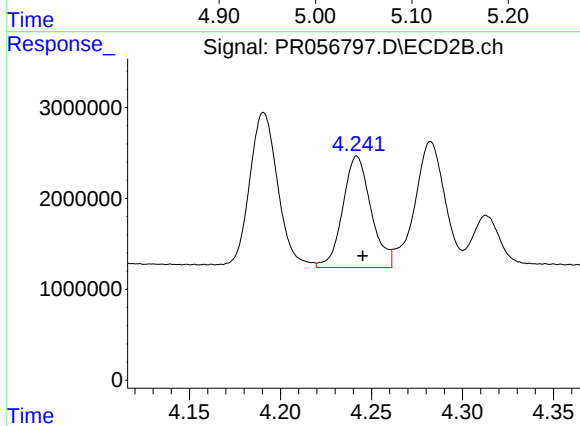
#5 AR-1016-3

R.T.: 4.191 min
Delta R.T.: -0.003 min
Response: 18573660
Conc: 428.04 ng/ml



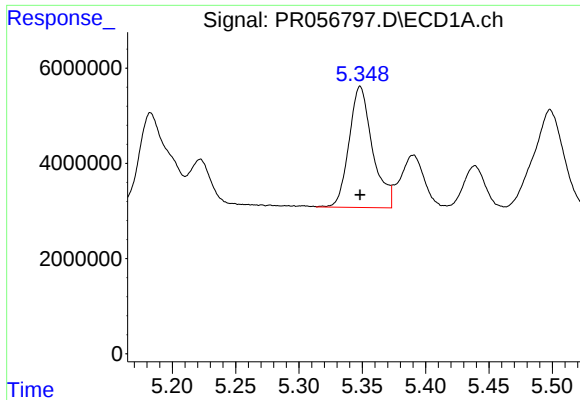
#6 AR-1016-4

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 36517342
Conc: 421.91 ng/ml



#6 AR-1016-4

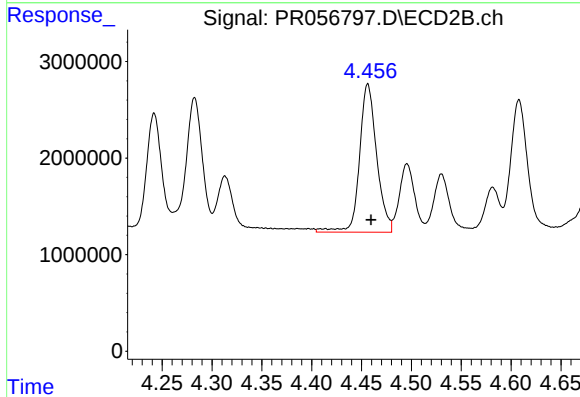
R.T.: 4.242 min
Delta R.T.: -0.003 min
Response: 13249880
Conc: 418.02 ng/ml



#7 AR-1016-5

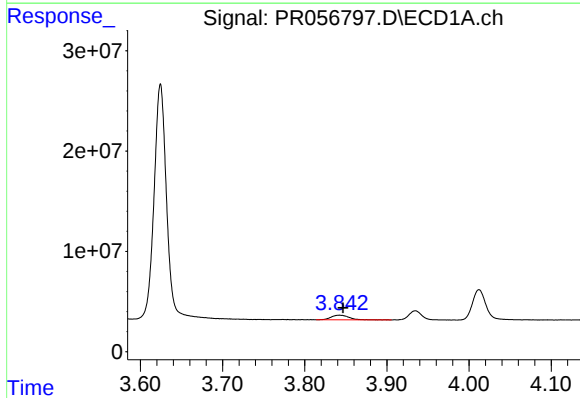
R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 32758948
Conc: 431.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



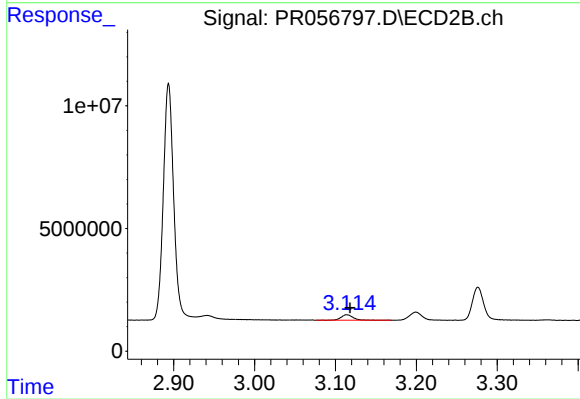
#7 AR-1016-5

R.T.: 4.456 min
Delta R.T.: -0.003 min
Response: 18440885
Conc: 436.90 ng/ml



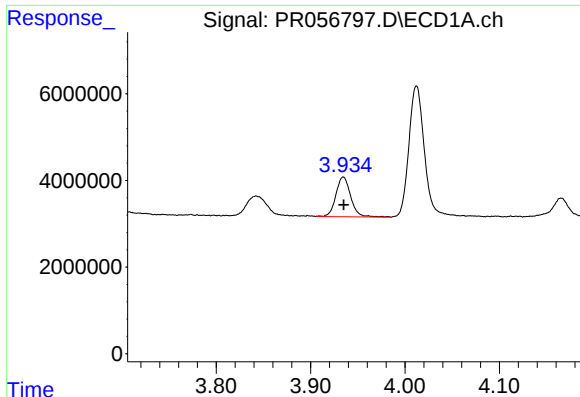
#8 AR-1221-1

R.T.: 3.843 min
Delta R.T.: -0.004 min
Response: 7032860
Conc: 130.52 ng/ml



#8 AR-1221-1

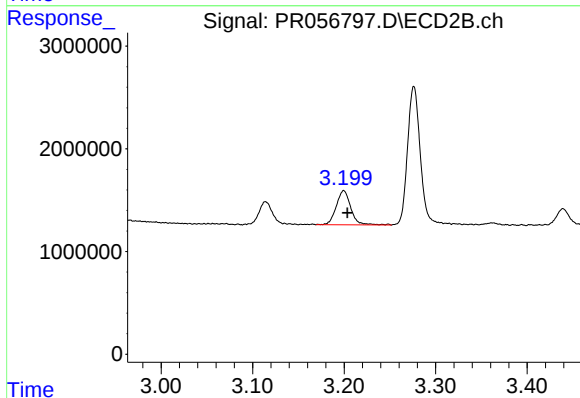
R.T.: 3.114 min
Delta R.T.: -0.004 min
Response: 2236973
Conc: 111.86 ng/ml



#9 AR-1221-2

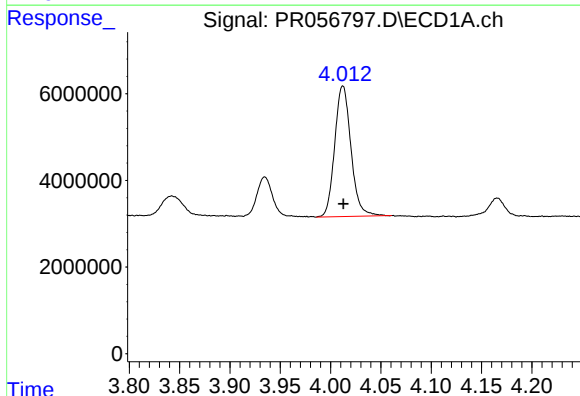
R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 9939658
Conc: 253.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



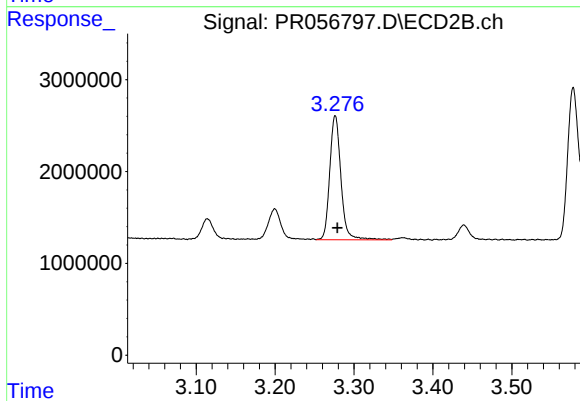
#9 AR-1221-2

R.T.: 3.200 min
Delta R.T.: -0.004 min
Response: 3685585
Conc: 243.96 ng/ml



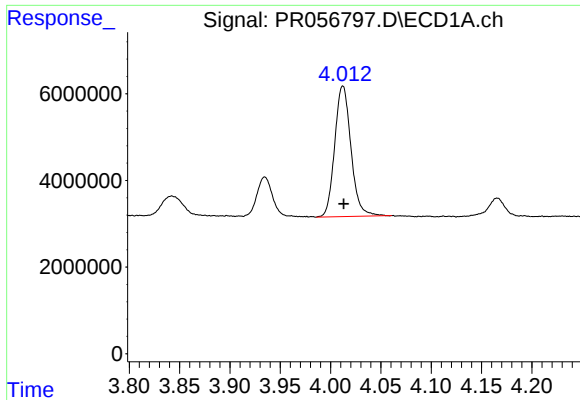
#10 AR-1221-3

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 33884480
Conc: 284.96 ng/ml



#10 AR-1221-3

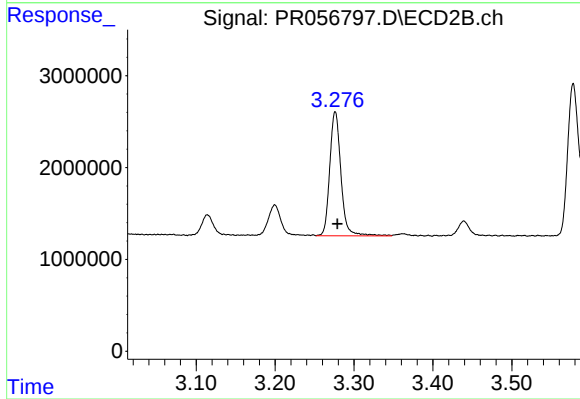
R.T.: 3.276 min
Delta R.T.: -0.003 min
Response: 13319719
Conc: 285.96 ng/ml



#11 AR-1232-1

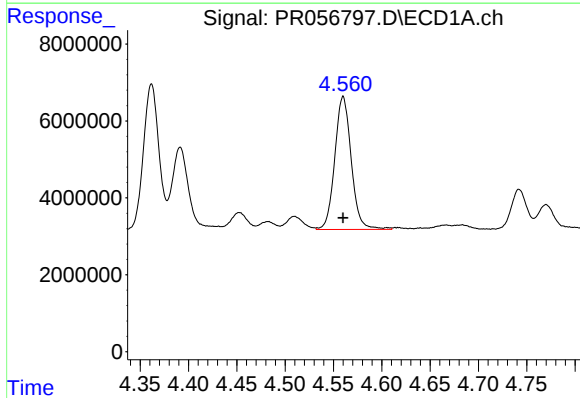
R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 33884480
Conc: 352.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



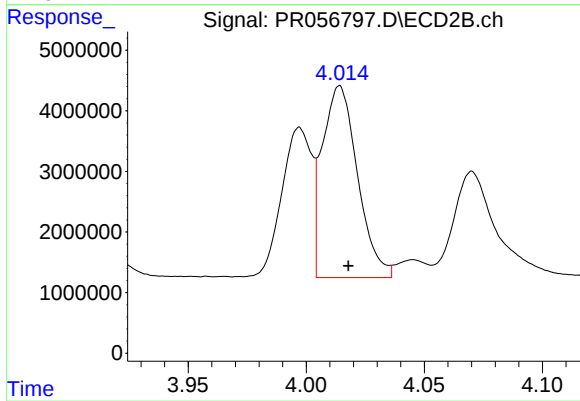
#11 AR-1232-1

R.T.: 3.276 min
Delta R.T.: -0.003 min
Response: 13319719
Conc: 353.08 ng/ml



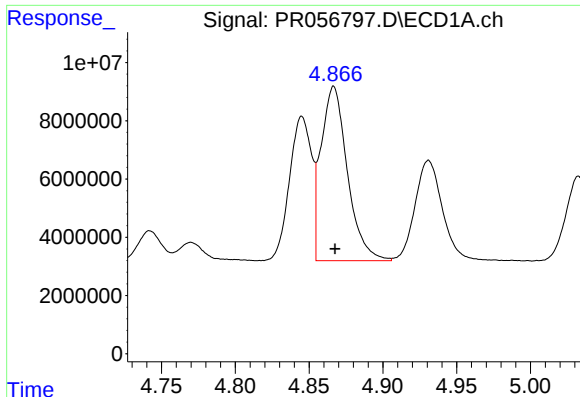
#12 AR-1232-2

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 41149056
Conc: 935.17 ng/ml



#12 AR-1232-2

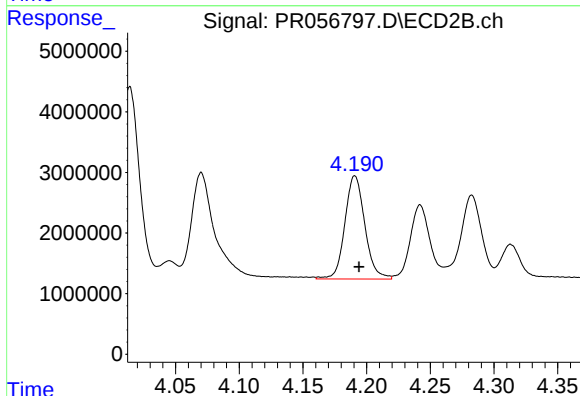
R.T.: 4.014 min
Delta R.T.: -0.004 min
Response: 32890663
Conc: 936.47 ng/ml



#13 AR-1232-3

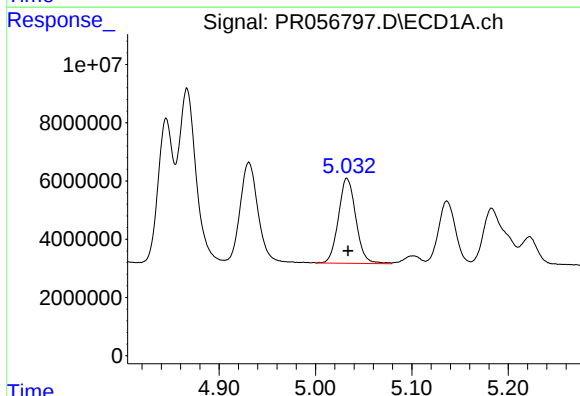
R.T.: 4.867 min
Delta R.T.: -0.001 min
Response: 74532385
Conc: 928.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



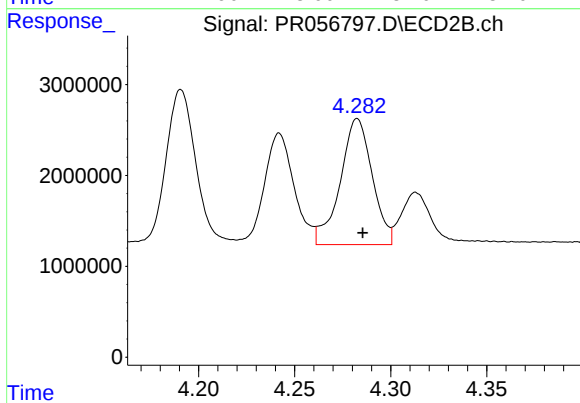
#13 AR-1232-3

R.T.: 4.191 min
Delta R.T.: -0.003 min
Response: 18573660
Conc: 1016.77 ng/ml



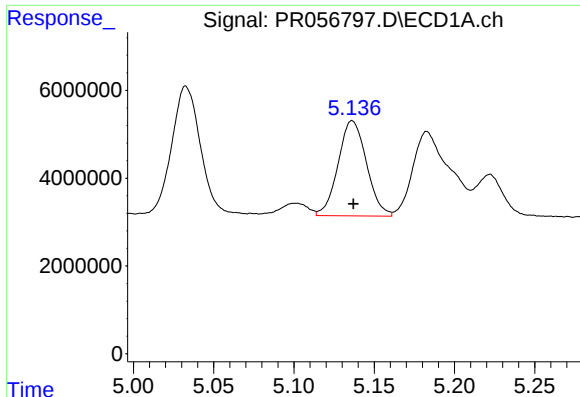
#14 AR-1232-4

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 36517342
Conc: 971.99 ng/ml



#14 AR-1232-4

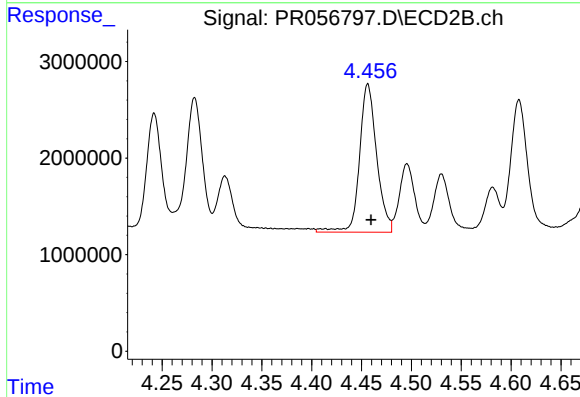
R.T.: 4.283 min
Delta R.T.: -0.003 min
Response: 16051728
Conc: 1071.76 ng/ml



#15 AR-1232-5

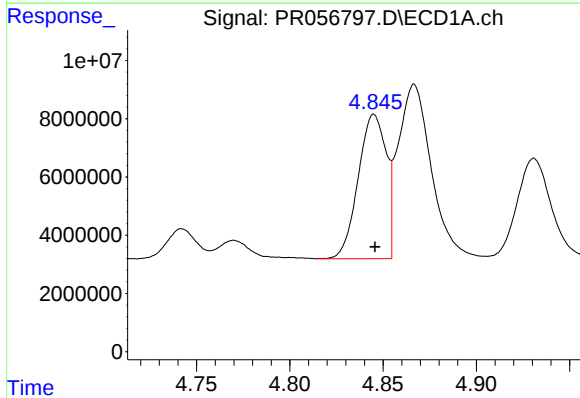
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 26709285
Conc: 1042.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



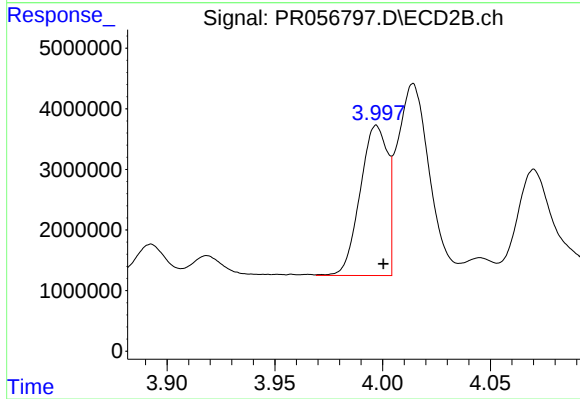
#15 AR-1232-5

R.T.: 4.456 min
Delta R.T.: -0.003 min
Response: 18440885
Conc: 1058.05 ng/ml



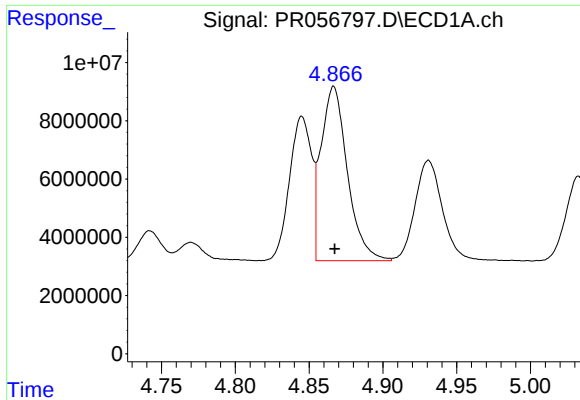
#16 AR-1242-1

R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 51602127
Conc: 492.82 ng/ml



#16 AR-1242-1

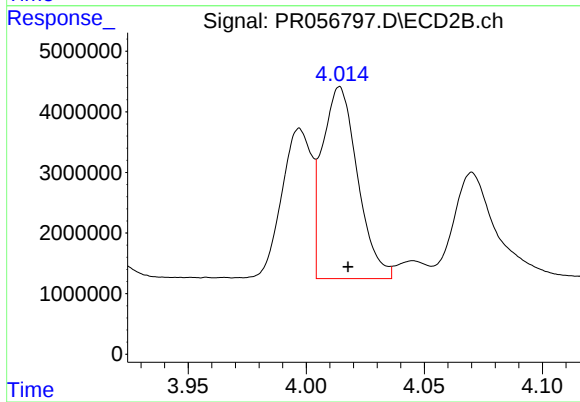
R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 21796613
Conc: 485.57 ng/ml



#17 AR-1242-2

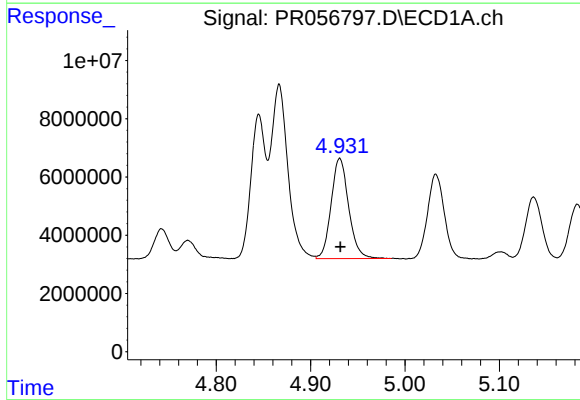
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 74532385
Conc: 490.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



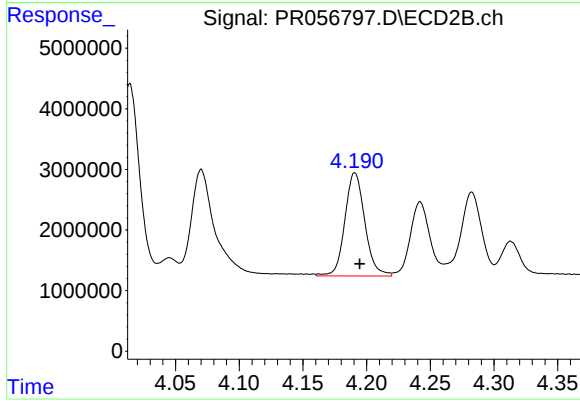
#17 AR-1242-2

R.T.: 4.014 min
Delta R.T.: -0.004 min
Response: 32890663
Conc: 498.15 ng/ml



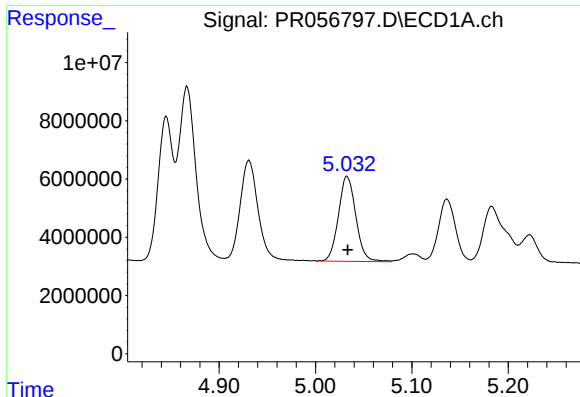
#18 AR-1242-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 44434791
Conc: 495.29 ng/ml



#18 AR-1242-3

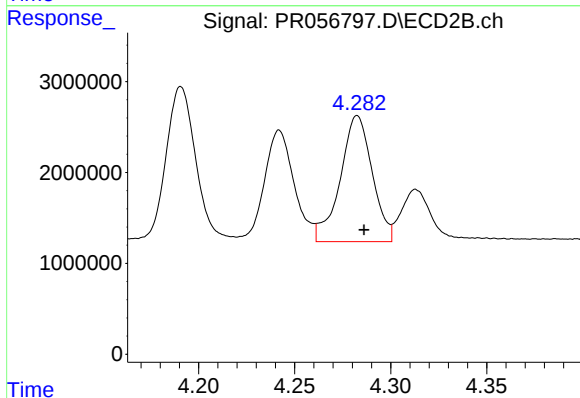
R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 18573660
Conc: 512.75 ng/ml



#19 AR-1242-4

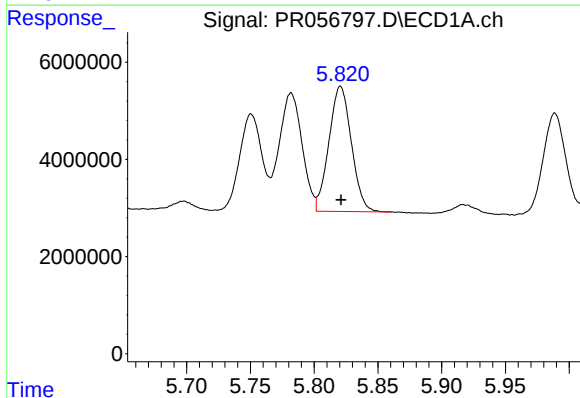
R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 36517342
Conc: 503.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



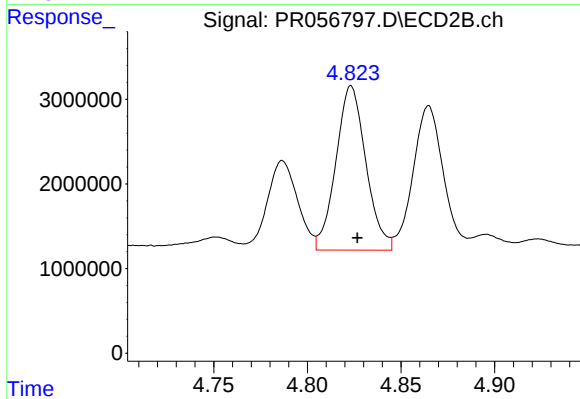
#19 AR-1242-4

R.T.: 4.283 min
Delta R.T.: -0.004 min
Response: 16051728
Conc: 496.28 ng/ml



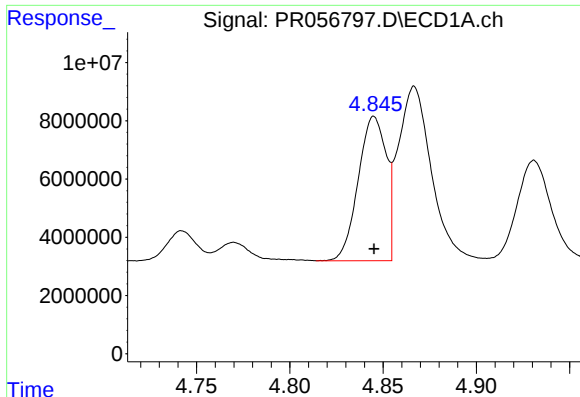
#20 AR-1242-5

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 31488097
Conc: 472.41 ng/ml



#20 AR-1242-5

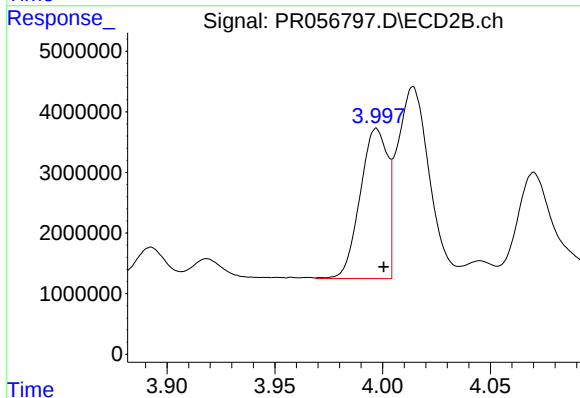
R.T.: 4.823 min
Delta R.T.: -0.003 min
Response: 21636827
Conc: 517.06 ng/ml



#21 AR-1248-1

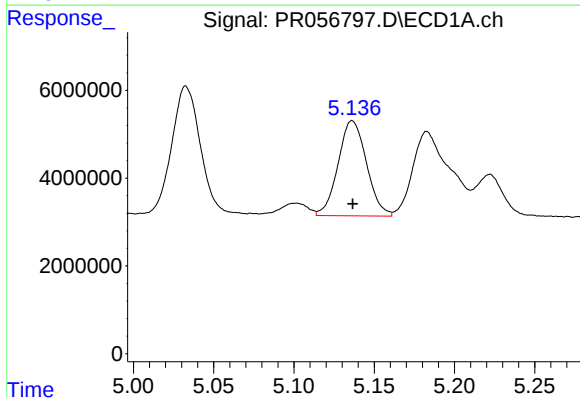
R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 51602127
Conc: 638.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



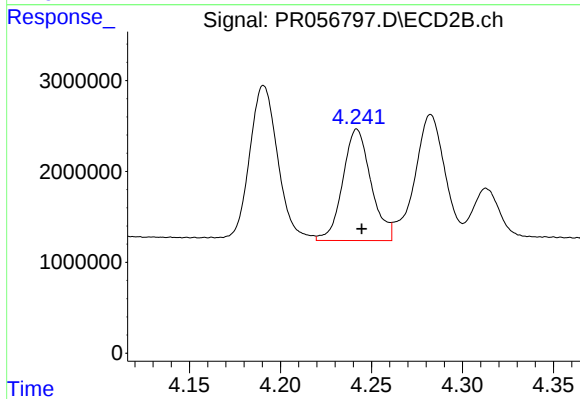
#21 AR-1248-1

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 21796613
Conc: 624.96 ng/ml



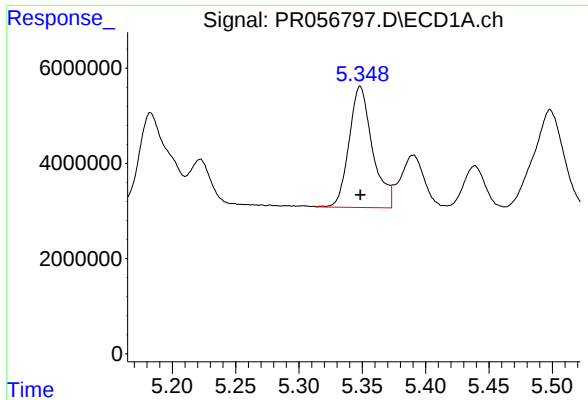
#22 AR-1248-2

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 26709285
Conc: 278.53 ng/ml



#22 AR-1248-2

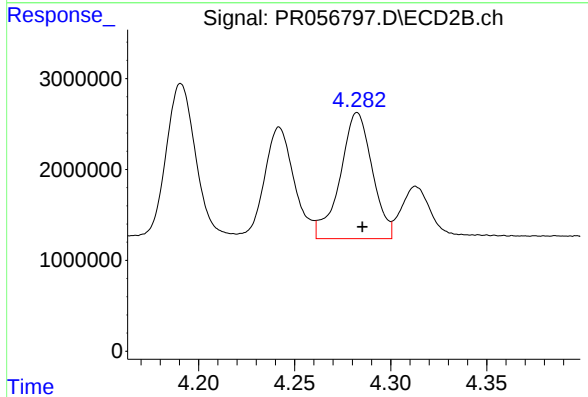
R.T.: 4.242 min
Delta R.T.: -0.003 min
Response: 13249880
Conc: 281.05 ng/ml



#23 AR-1248-3

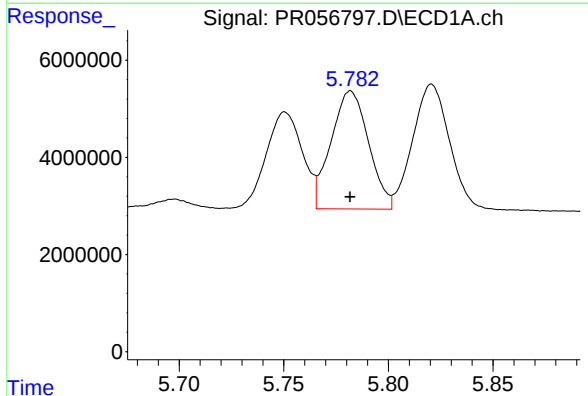
R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 32758948
Conc: 306.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



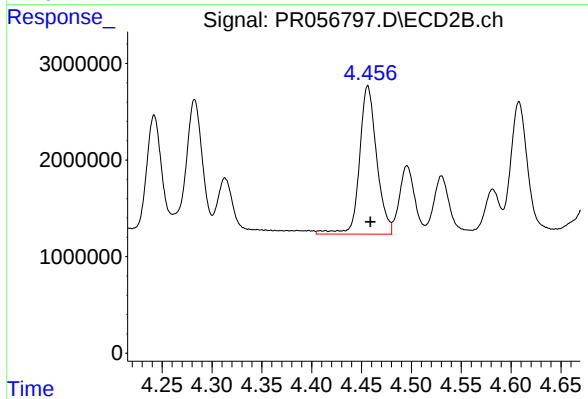
#23 AR-1248-3

R.T.: 4.283 min
Delta R.T.: -0.003 min
Response: 16051728
Conc: 331.54 ng/ml



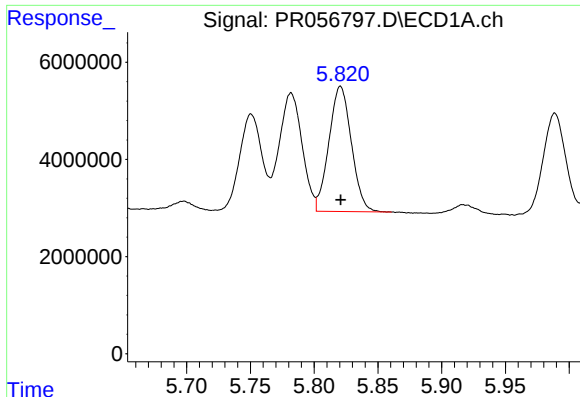
#24 AR-1248-4

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 30401801
Conc: 275.56 ng/ml



#24 AR-1248-4

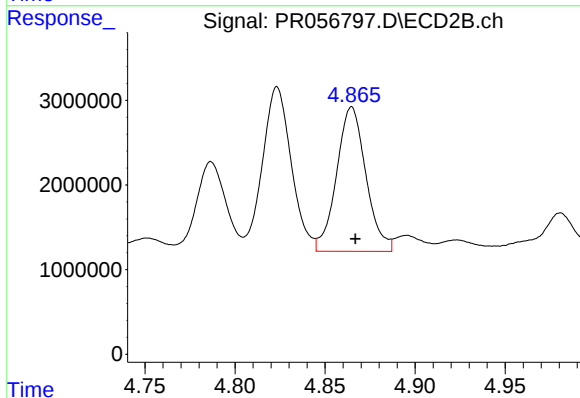
R.T.: 4.456 min
Delta R.T.: -0.003 min
Response: 18440885
Conc: 313.57 ng/ml



#25 AR-1248-5

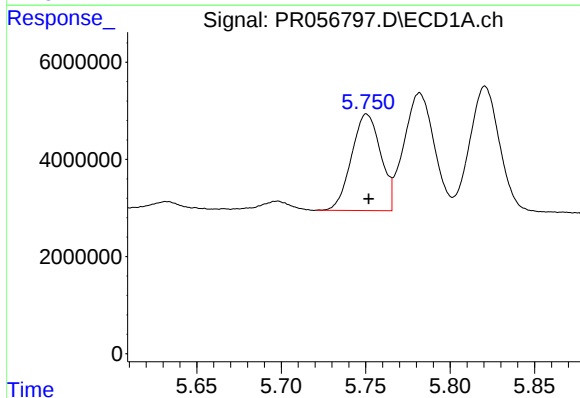
R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 31488097
Conc: 286.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



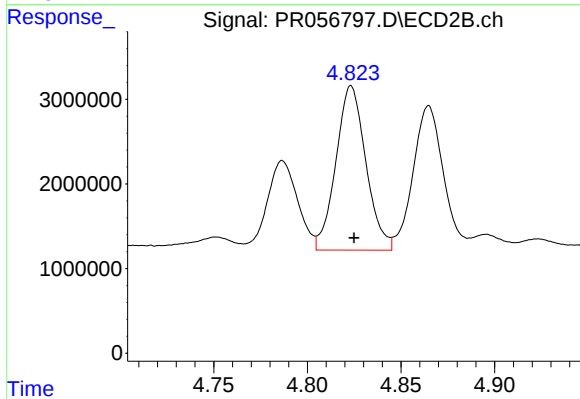
#25 AR-1248-5

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 19364797
Conc: 319.10 ng/ml



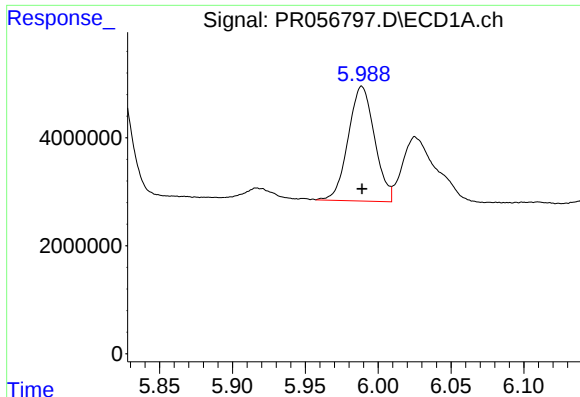
#26 AR-1254-1

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 23880446
Conc: 225.13 ng/ml



#26 AR-1254-1

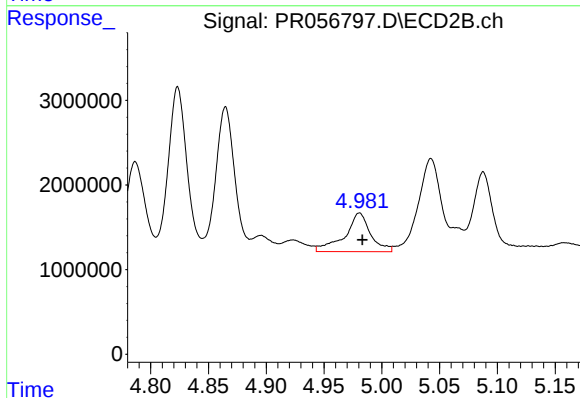
R.T.: 4.823 min
Delta R.T.: -0.002 min
Response: 21636827
Conc: 246.03 ng/ml



#27 AR-1254-2

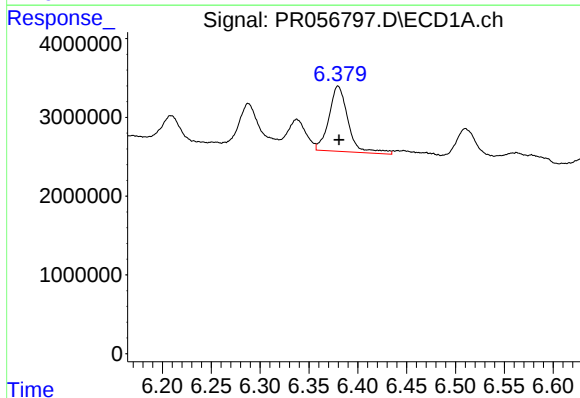
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 26761278
Conc: 171.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



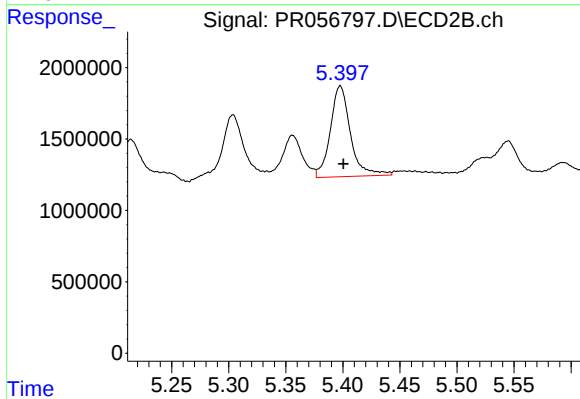
#27 AR-1254-2

R.T.: 4.981 min
Delta R.T.: -0.003 min
Response: 7104703
Conc: 92.59 ng/ml



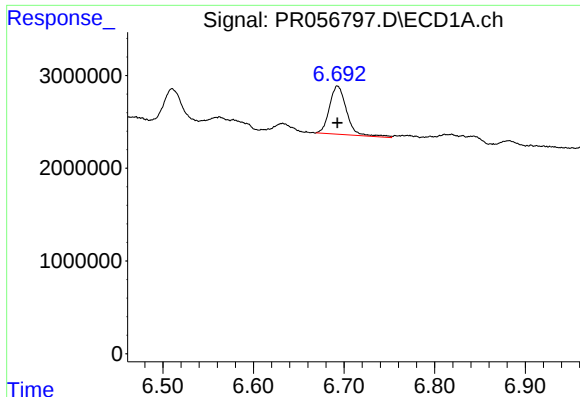
#28 AR-1254-3

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 11343185
Conc: 74.16 ng/ml



#28 AR-1254-3

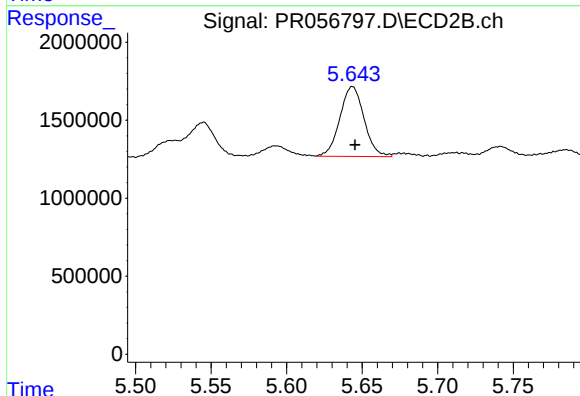
R.T.: 5.398 min
Delta R.T.: -0.003 min
Response: 7801840
Conc: 61.68 ng/ml



#29 AR-1254-4

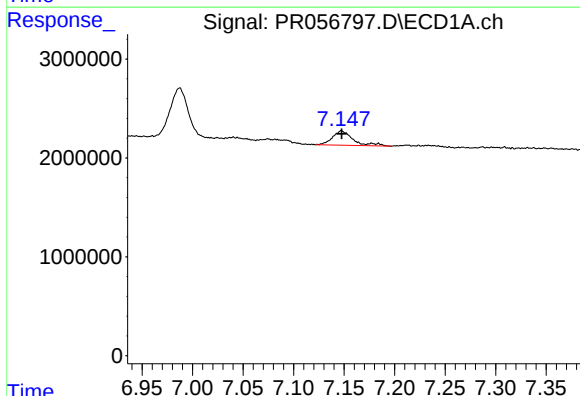
R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 6821137
Conc: 58.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



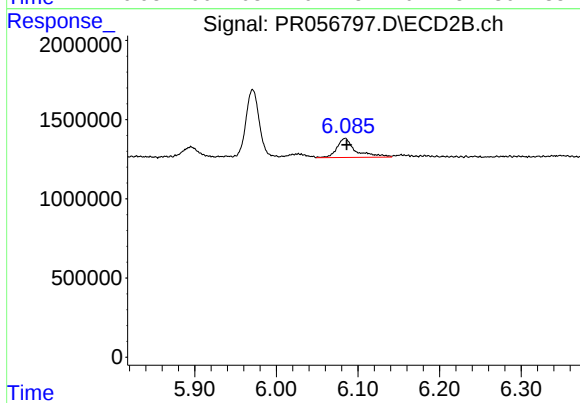
#29 AR-1254-4

R.T.: 5.644 min
Delta R.T.: -0.002 min
Response: 4989362
Conc: 62.77 ng/ml



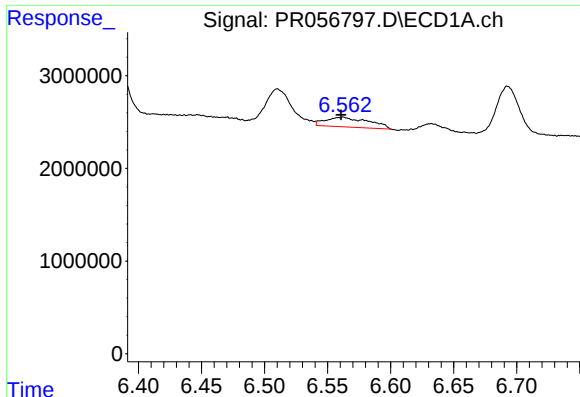
#30 AR-1254-5

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 2061927
Conc: 17.57 ng/ml



#30 AR-1254-5

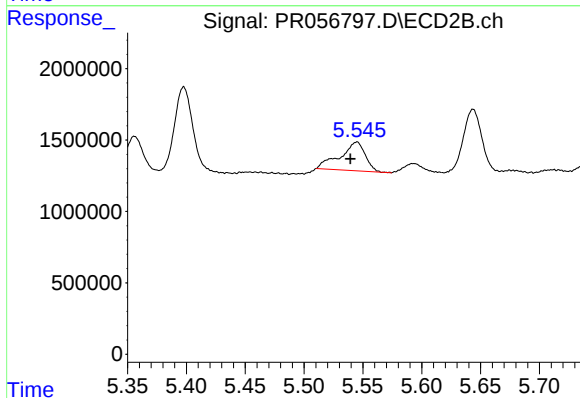
R.T.: 6.084 min
Delta R.T.: -0.002 min
Response: 1924407
Conc: 17.41 ng/ml



#31 AR-1260-1

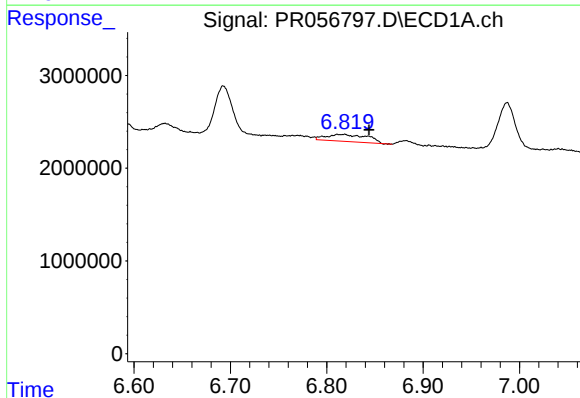
R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 2286718
Conc: 20.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



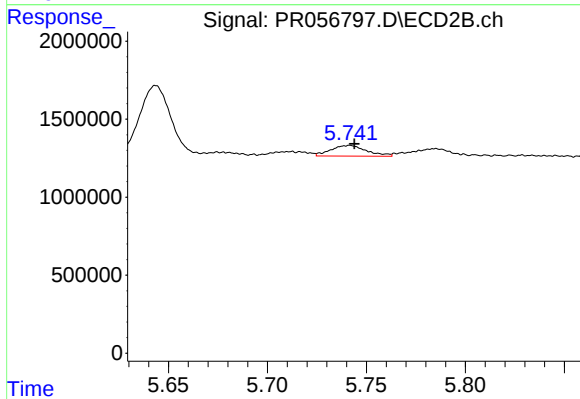
#31 AR-1260-1

R.T.: 5.545 min
Delta R.T.: 0.005 min
Response: 2995411
Conc: 36.52 ng/ml



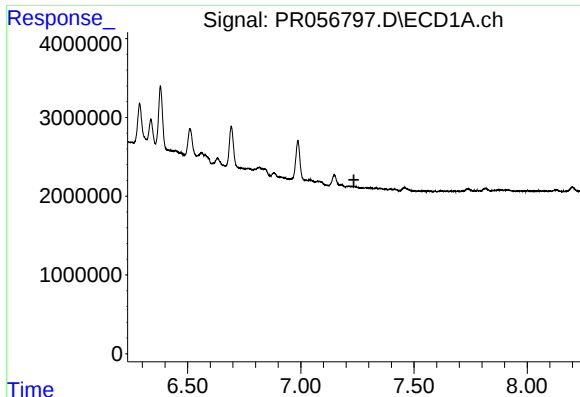
#32 AR-1260-2

R.T.: 6.816 min
Delta R.T.: -0.029 min
Response: 2228934
Conc: 16.76 ng/ml



#32 AR-1260-2

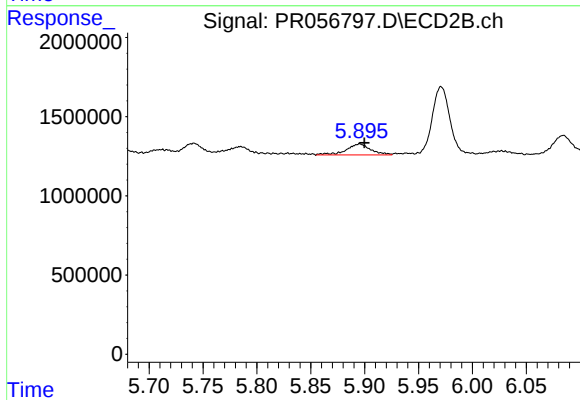
R.T.: 5.742 min
Delta R.T.: -0.002 min
Response: 857377
Conc: 8.42 ng/ml



#33 AR-1260-3

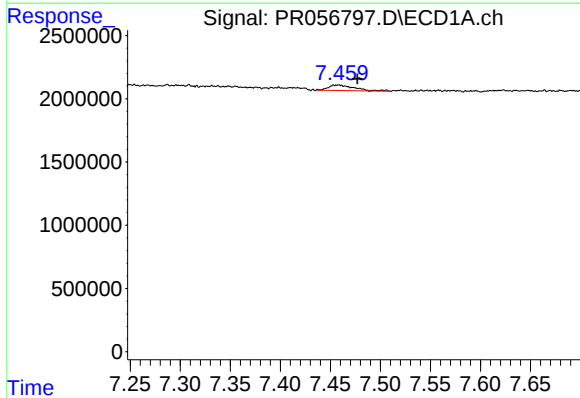
R.T.: 0.000 min
Exp R.T.: 7.234 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



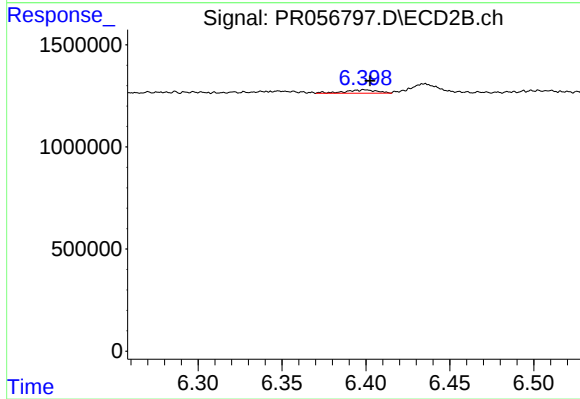
#33 AR-1260-3

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 1083268
Conc: 11.44 ng/ml



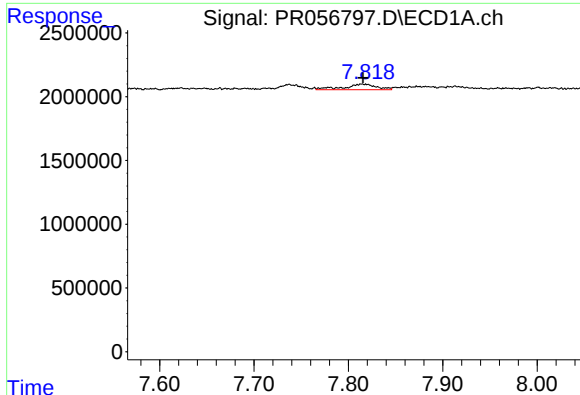
#34 AR-1260-4

R.T.: 7.457 min
Delta R.T.: -0.020 min
Response: 801020
Conc: 7.39 ng/ml



#34 AR-1260-4

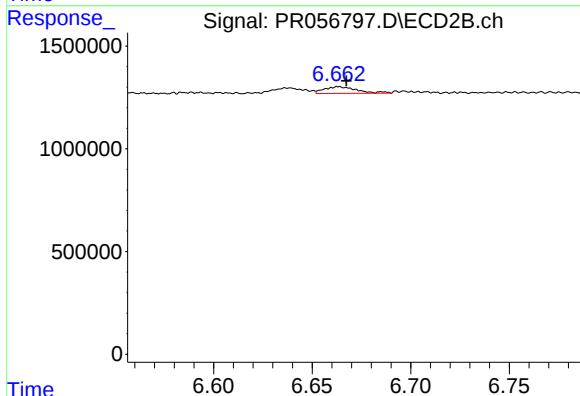
R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 227309
Conc: 2.83 ng/ml



#35 AR-1260-5

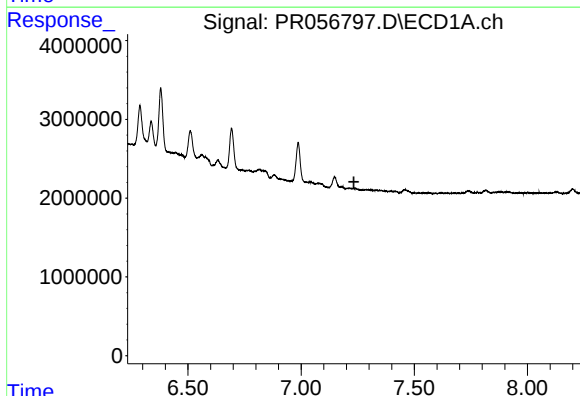
R.T.: 7.815 min
Delta R.T.: 0.000 min
Response: 1040701
Conc: 4.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



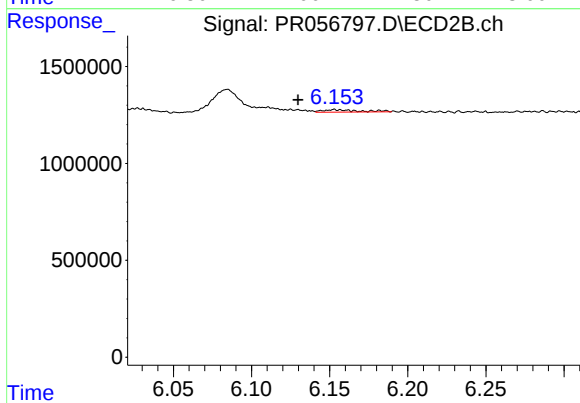
#35 AR-1260-5

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 375274
Conc: 1.96 ng/ml



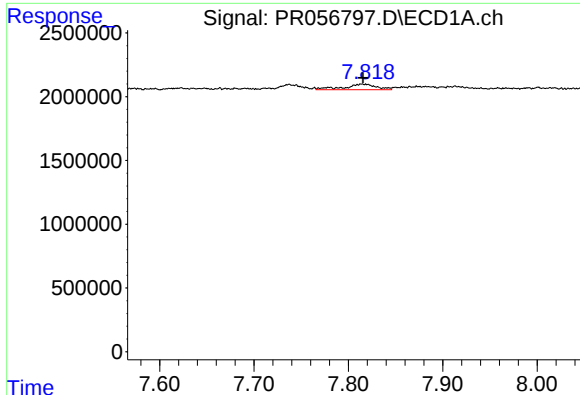
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.233 min
Response: 0
Conc: N.D.



#36 AR-1262-1

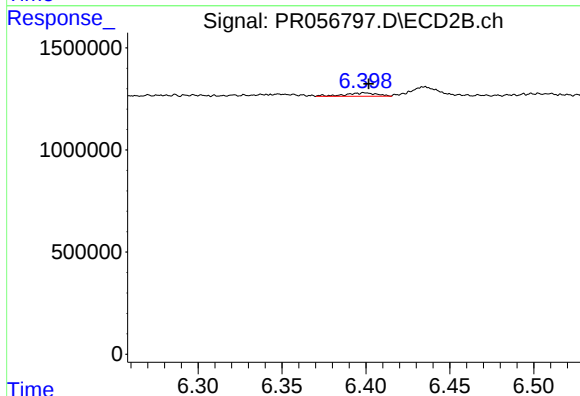
R.T.: 6.153 min
Delta R.T.: 0.023 min
Response: 200276
Conc: 1.87 ng/ml



#37 AR-1262-2

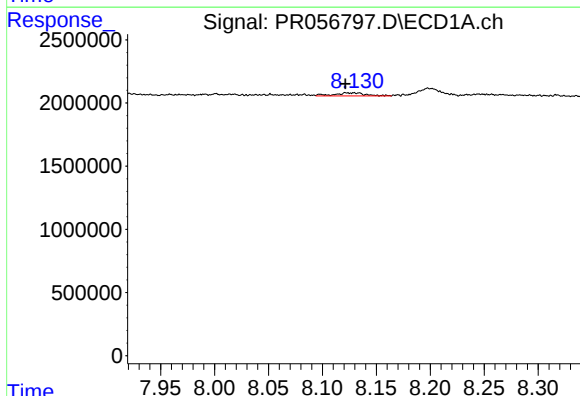
R.T.: 7.815 min
Delta R.T.: 0.000 min
Response: 1040701
Conc: 4.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



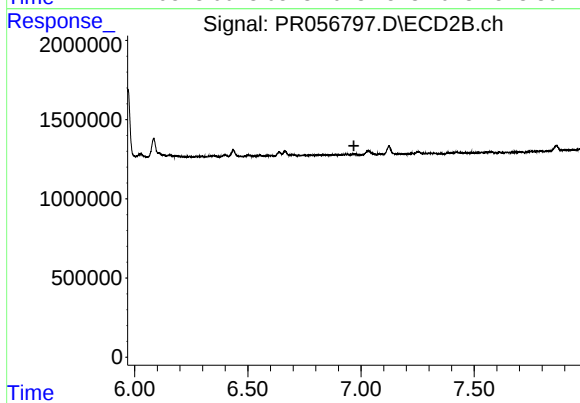
#37 AR-1262-2

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 227309
Conc: 2.30 ng/ml



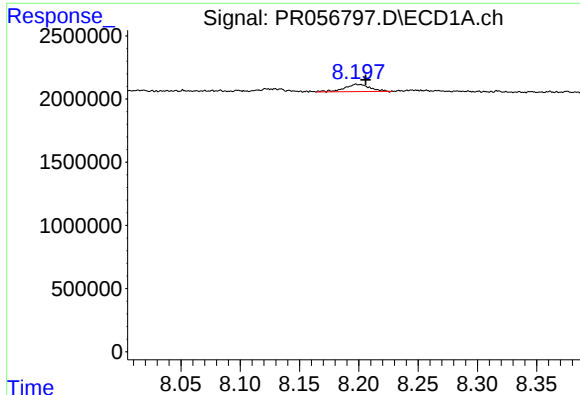
#38 AR-1262-3

R.T.: 8.129 min
Delta R.T.: 0.008 min
Response: 479821
Conc: 3.07 ng/ml



#38 AR-1262-3

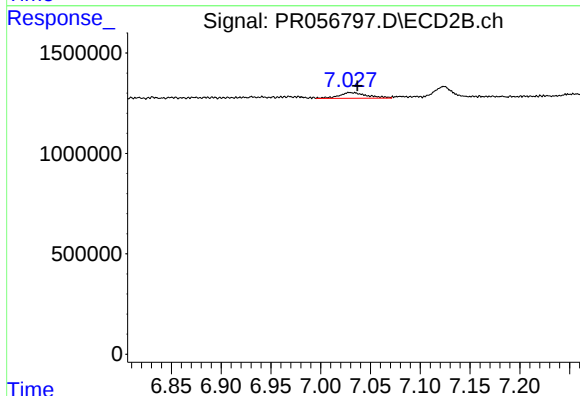
R.T.: 0.000 min
Exp R.T.: 6.968 min
Response: 0
Conc: N.D.



#39 AR-1262-4

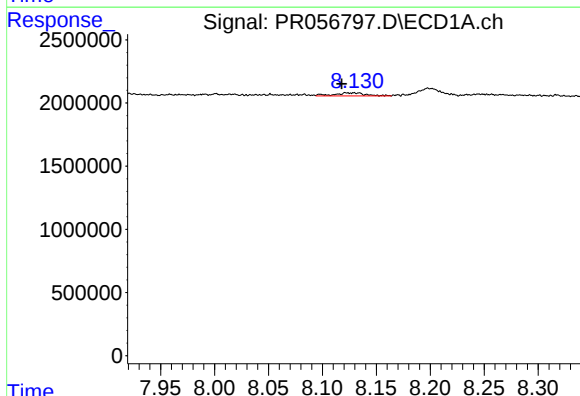
R.T.: 8.199 min
Delta R.T.: -0.007 min
Response: 861742
Conc: 12.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



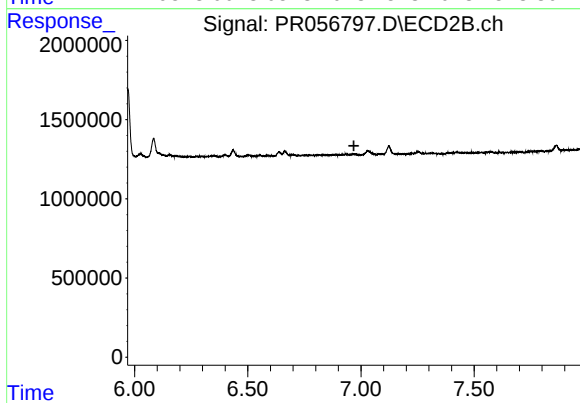
#39 AR-1262-4

R.T.: 7.029 min
Delta R.T.: -0.008 min
Response: 556962
Conc: 3.62 ng/ml



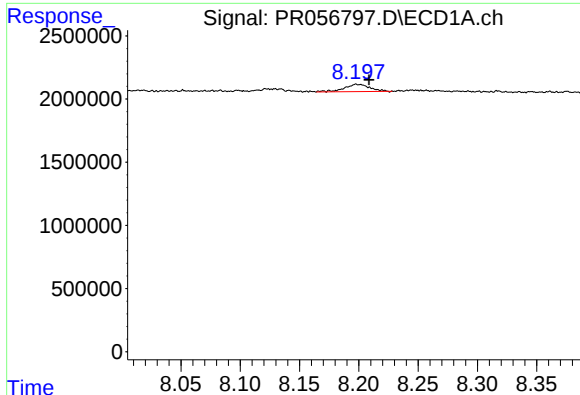
#41 AR-1268-1

R.T.: 8.129 min
Delta R.T.: 0.011 min
Response: 479821
Conc: 1.73 ng/ml



#41 AR-1268-1

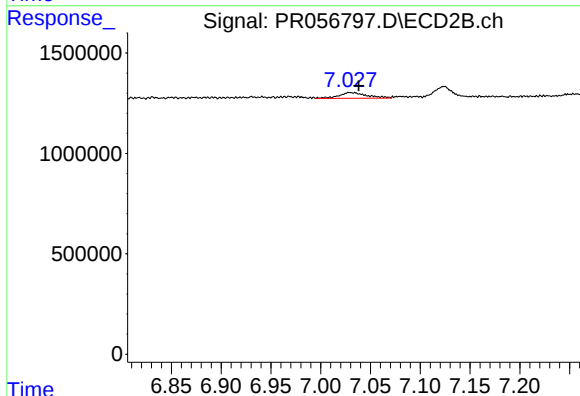
R.T.: 0.000 min
Exp R.T.: 6.969 min
Response: 0
Conc: N.D.



#42 AR-1268-2

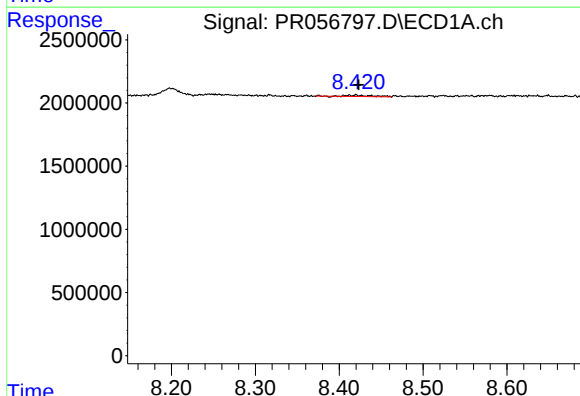
R.T.: 8.199 min
Delta R.T.: -0.009 min
Response: 861742
Conc: 3.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



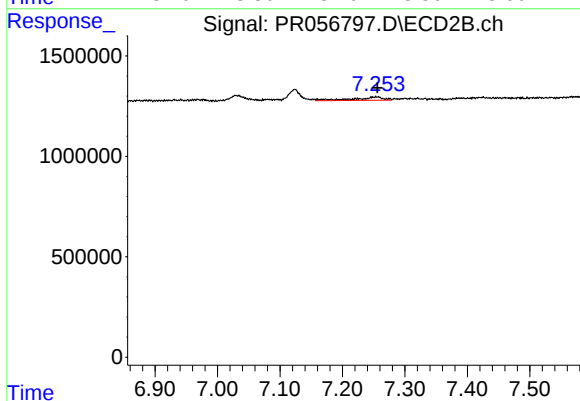
#42 AR-1268-2

R.T.: 7.029 min
Delta R.T.: -0.009 min
Response: 556962
Conc: 2.53 ng/ml



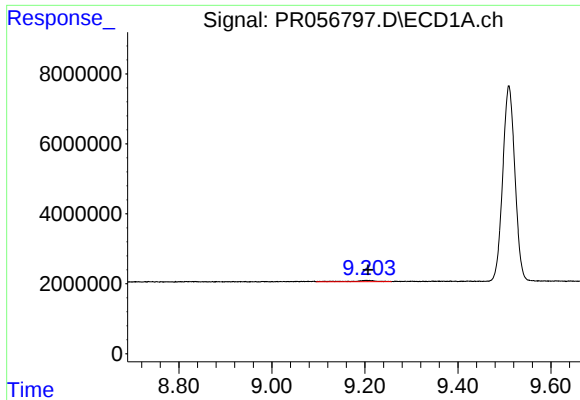
#43 AR-1268-3

R.T.: 8.420 min
Delta R.T.: -0.003 min
Response: 234416
Conc: 1.06 ng/ml



#43 AR-1268-3

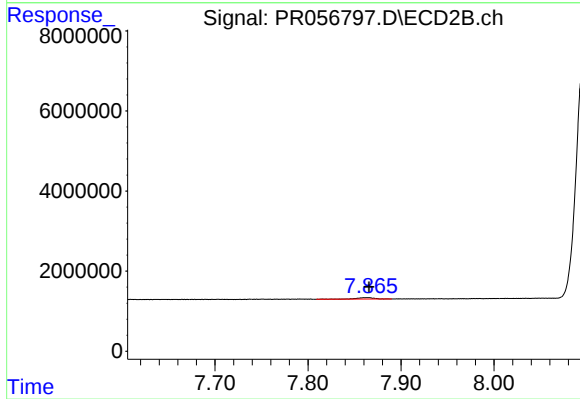
R.T.: 7.254 min
Delta R.T.: -0.002 min
Response: 548086
Conc: 2.96 ng/ml



#45 AR-1268-5

R.T.: 9.203 min
Delta R.T.: -0.004 min
Response: 1310347
Conc: 1.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.863 min
Delta R.T.: -0.003 min
Response: 488845
Conc: 0.80 ng/ml