

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032221\
 Data File : PP034229.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Mar 2021 19:11
 Operator : DD\AJ
 Sample : M1660-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 02:05:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Mar 20 01:42:16 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...	4.849	4.261	1594174	903835	18.977	20.424
2)	SA Decachlor...	10.773	9.576	1418339	549314	18.073	20.816
Target Compounds							
3)	L1 AR-1016-1	6.163	5.518	80424	17535	31.975	15.310 #
4)	L1 AR-1016-2	6.212f	5.538	34826	12488	9.198	7.418
5)	L1 AR-1016-3	6.260	5.732	24566	16801	10.437	18.617 #
6)	L1 AR-1016-4	0.000	5.778	0	899243	N.D.	1224.598 #
7)	L1 AR-1016-5	6.671	6.008	845085	433839	437.609	459.242
8)	L2 AR-1221-1	5.098	4.506	405269	44795	446.327	95.495 #
9)	L2 AR-1221-2	5.199	0.000	26655	0	38.731	N.D. #
10)	L2 AR-1221-3	5.299	4.707	18417	22762	8.884	21.342 #
11)	L3 AR-1232-1	5.299	4.707	18417	22762	11.237	26.208 #
12)	L3 AR-1232-2	0.000	5.538	0	12488	N.D.	17.120 #
13)	L3 AR-1232-3	6.212f	5.732	34826	16801	22.392	43.030 #
14)	L3 AR-1232-4	0.000	5.823	0	362983	N.D.	1045.861 #
15)	L3 AR-1232-5	6.455	6.008	1741135	433839	3179.966	1186.223 #
16)	L4 AR-1242-1	6.163	5.518	80424	17535	40.360	19.252 #
17)	L4 AR-1242-2	6.212f	5.538	34826	12488	11.713	9.514
18)	L4 AR-1242-3	6.260	5.732	24566	16801	13.202	23.106 #
19)	L4 AR-1242-4	0.000	5.823	0	362983	N.D.	501.069 #
20)	L4 AR-1242-5	7.139	6.387	3026411	5290308	1985.133	6740.552 #
21)	L5 AR-1248-1	6.163	5.518	80424	17535	53.790	25.491 #
22)	L5 AR-1248-2	6.455	5.778	1741135	899243	829.729	900.512
23)	L5 AR-1248-3	6.671	5.823	845085	362983	331.840	344.200
24)	L5 AR-1248-4	7.098	6.008	3263092	433839	1262.948	353.525 #
25)	L5 AR-1248-5	7.139	6.429	3026411	716348	1166.213	709.500 #
26)	L6 AR-1254-1	7.067	6.387	9031423	5290308	3299.784	3154.840
27)	L6 AR-1254-2	7.296	6.543	21445200	8334682	5150.092	5747.341
28)	L6 AR-1254-3	7.676	6.964	30376894	15700513	6994.109	6855.747
29)	L6 AR-1254-4	7.972	7.200	25813336	10051700	8891.521	8406.161
30)	L6 AR-1254-5	8.399	7.627	48861520	32694609	14636.867	17706.679
31)	L7 AR-1260-1	7.844	7.099	18239218	8995446	5722.380	5770.216
32)	L7 AR-1260-2	8.108	7.293	28125714	10143238	7484.304	5668.832
33)	L7 AR-1260-3	8.460f	7.448	6848151	8976942	2243.888	5305.189 #
34)	L7 AR-1260-4	8.695	7.928	18637128	1788888	5353.111	1256.457 #
35)	L7 AR-1260-5	9.021	8.171	9088014	3840572	1327.539	1236.824
36)	L8 AR-1262-1	8.460f	7.627	6848151	32694609	1535.122	32377.971 #
37)	L8 AR-1262-2	9.021	8.171	9088014	3840572	1198.958	1189.863
38)	L8 AR-1262-3	9.343	8.457	6676562	179616	1252.346	131.100 #
39)	L8 AR-1262-4	9.391f	8.519	2051451	3501249	476.015	1445.873 #
40)	L8 AR-1262-5	10.056	9.017	842963	326128	296.811	310.199
41)	L9 AR-1268-1	9.343f	8.457	6676562	179616	670.417	45.378 #

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 Acq On : 22 Mar 2021 19:11
 Operator : DD\AJ
 Sample : M1660-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

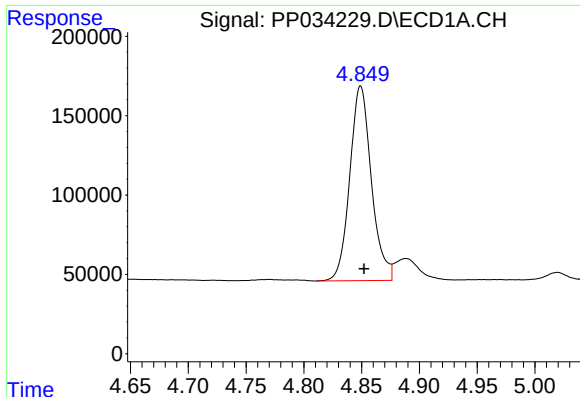
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 02:05:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031821.M
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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
42) L9	AR-1268-2	0.000	8.519	0	3501249	N.D.	948.489 #
43) L9	AR-1268-3	9.629	8.728	179337	41769	20.166	12.260 #
44) L9	AR-1268-4	10.056	9.017	842963	326128	270.786	271.010
45) L9	AR-1268-5	10.452	9.315	316932	115482	11.470	12.386

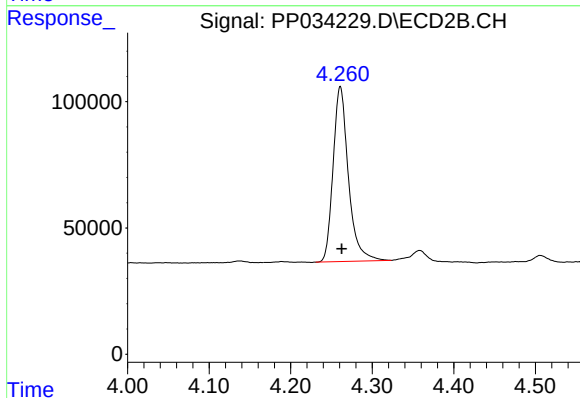
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

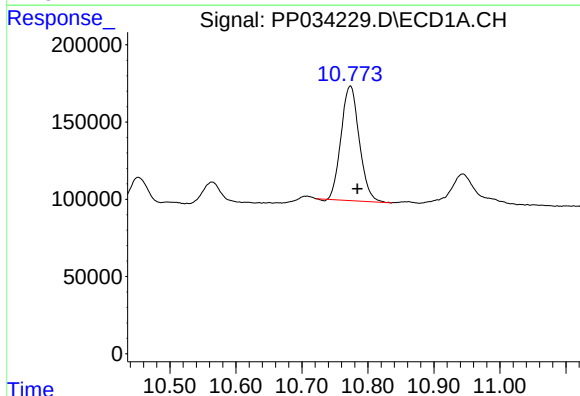
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 1594174
Conc: 18.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



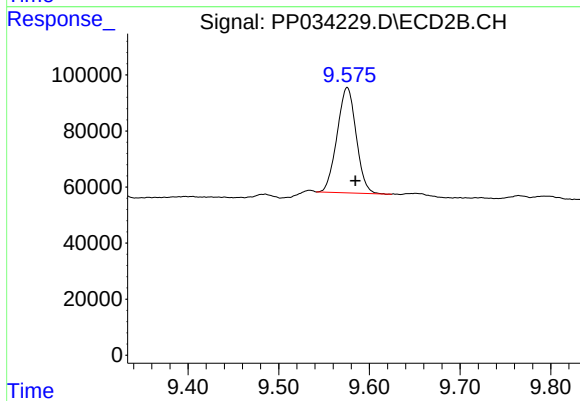
#1 Tetrachloro-m-xylene

R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 903835
Conc: 20.42 ng/ml



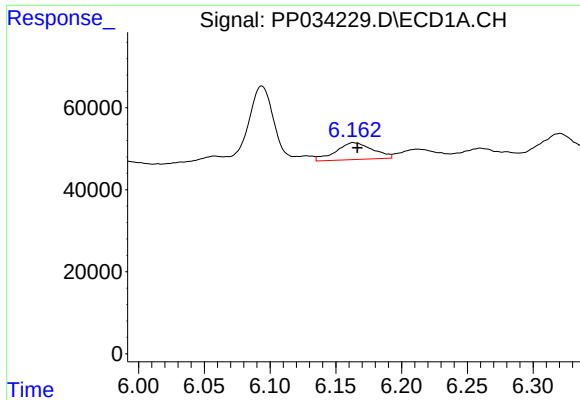
#2 Decachlorobiphenyl

R.T.: 10.773 min
Delta R.T.: -0.011 min
Response: 1418339
Conc: 18.07 ng/ml



#2 Decachlorobiphenyl

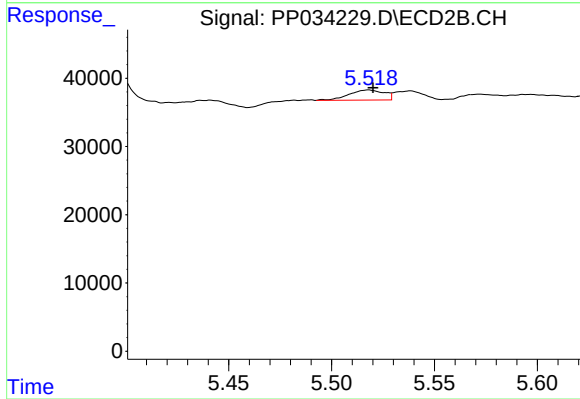
R.T.: 9.576 min
Delta R.T.: -0.009 min
Response: 549314
Conc: 20.82 ng/ml



#3 AR-1016-1

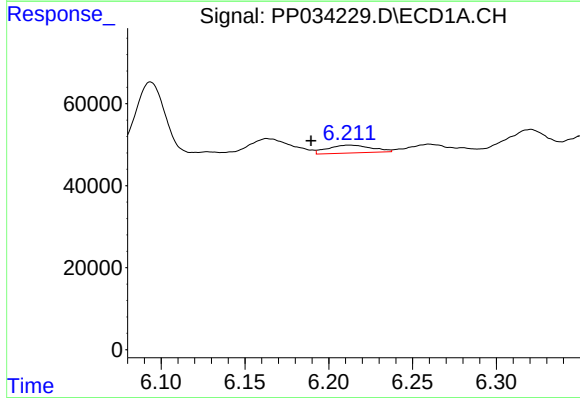
R.T.: 6.163 min
Delta R.T.: -0.003 min
Response: 80424
Conc: 31.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



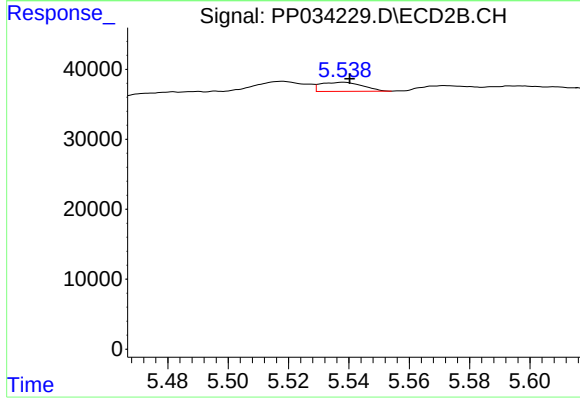
#3 AR-1016-1

R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 17535
Conc: 15.31 ng/ml



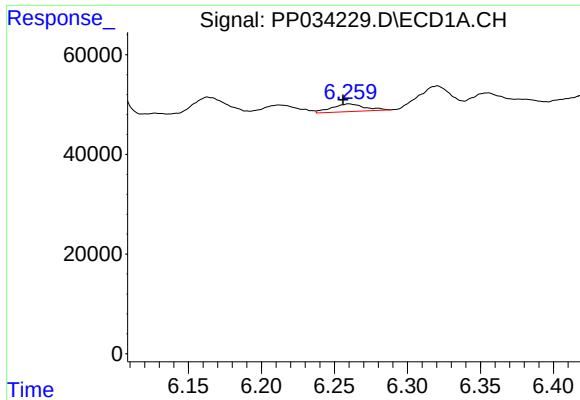
#4 AR-1016-2

R.T.: 6.212 min
Delta R.T.: 0.023 min
Response: 34826
Conc: 9.20 ng/ml



#4 AR-1016-2

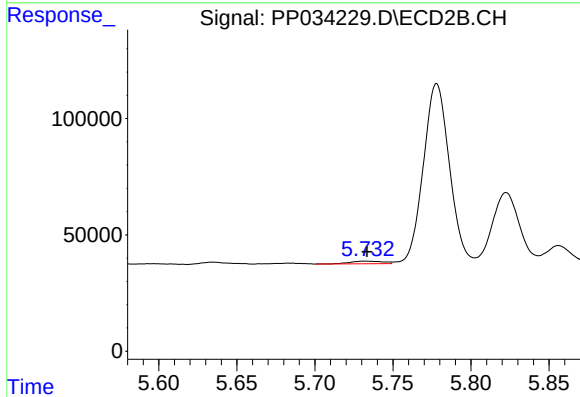
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 12488
Conc: 7.42 ng/ml



#5 AR-1016-3

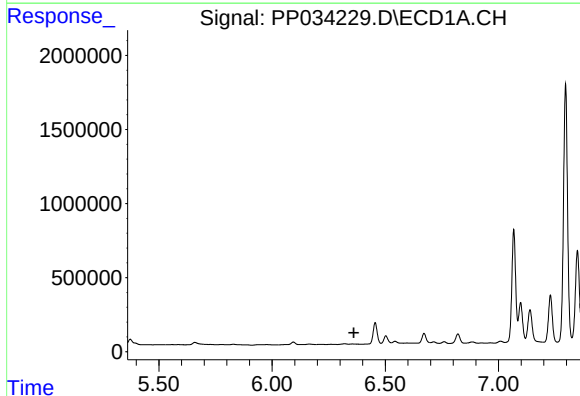
R.T.: 6.260 min
Delta R.T.: 0.004 min
Response: 24566
Conc: 10.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



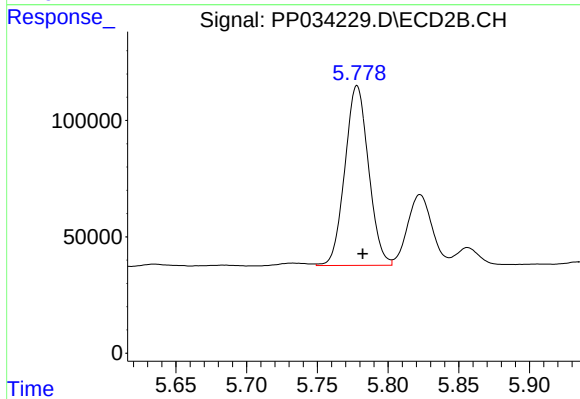
#5 AR-1016-3

R.T.: 5.732 min
Delta R.T.: -0.001 min
Response: 16801
Conc: 18.62 ng/ml



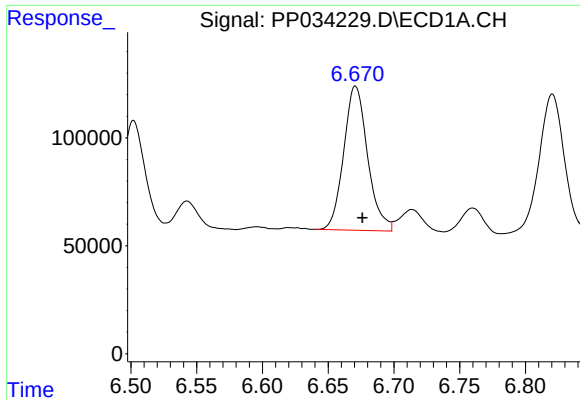
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.361 min
Response: 0
Conc: N.D.



#6 AR-1016-4

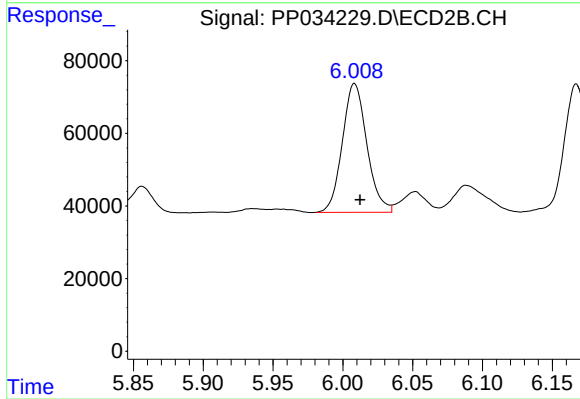
R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 899243
Conc: 1224.60 ng/ml



#7 AR-1016-5

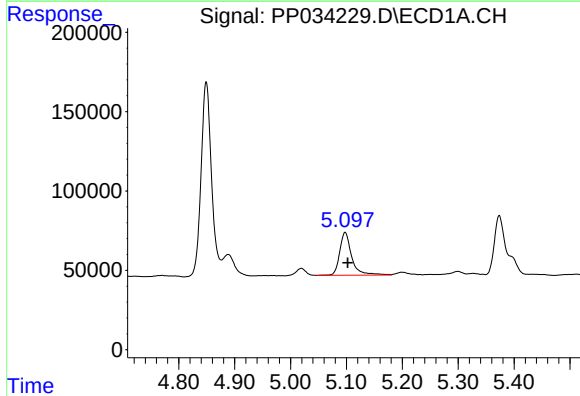
R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 845085
Conc: 437.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



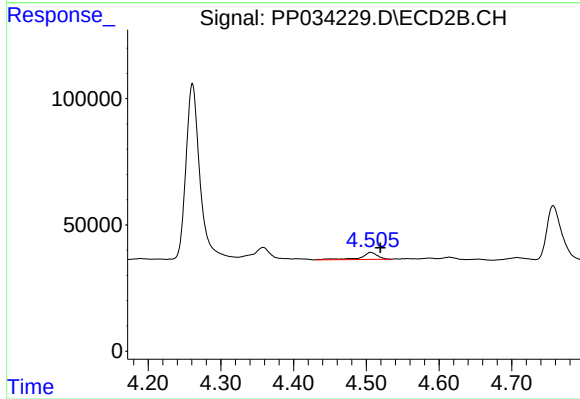
#7 AR-1016-5

R.T.: 6.008 min
Delta R.T.: -0.004 min
Response: 433839
Conc: 459.24 ng/ml



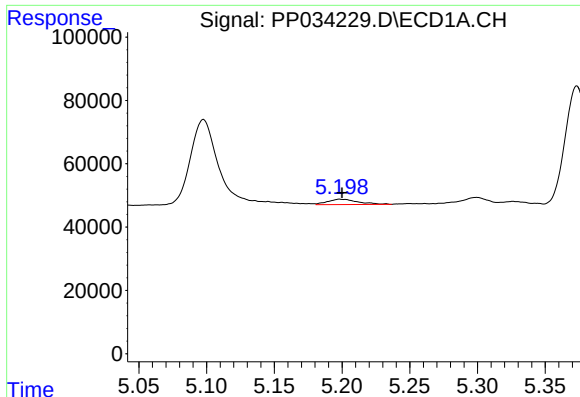
#8 AR-1221-1

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 405269
Conc: 446.33 ng/ml



#8 AR-1221-1

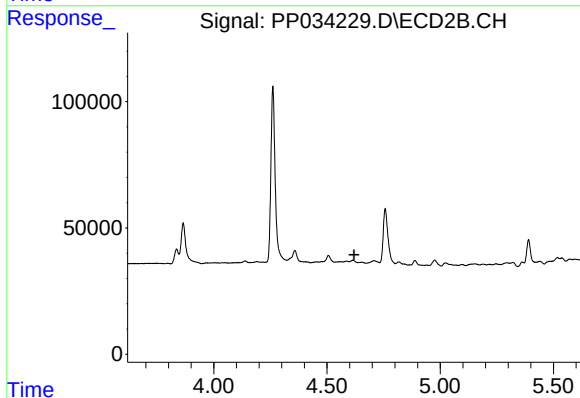
R.T.: 4.506 min
Delta R.T.: -0.013 min
Response: 44795
Conc: 95.49 ng/ml



#9 AR-1221-2

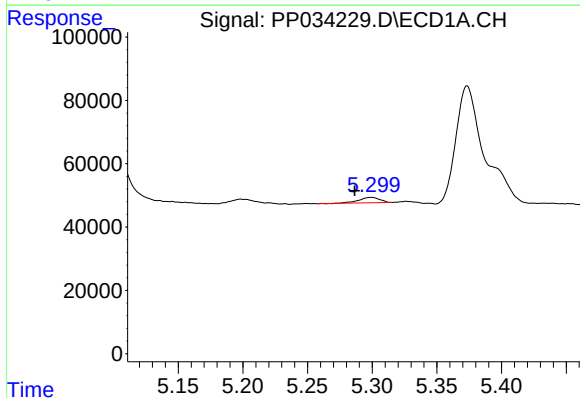
R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 26655
Conc: 38.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



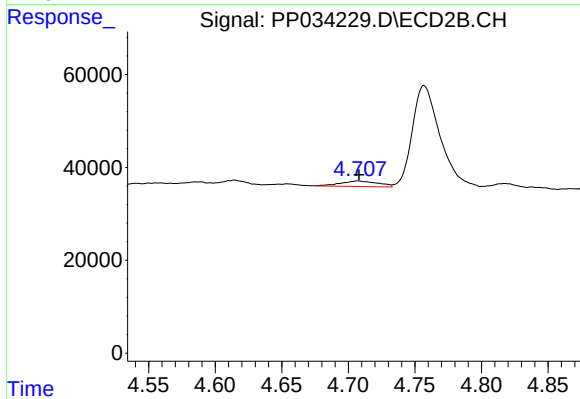
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.619 min
Response: 0
Conc: N.D.



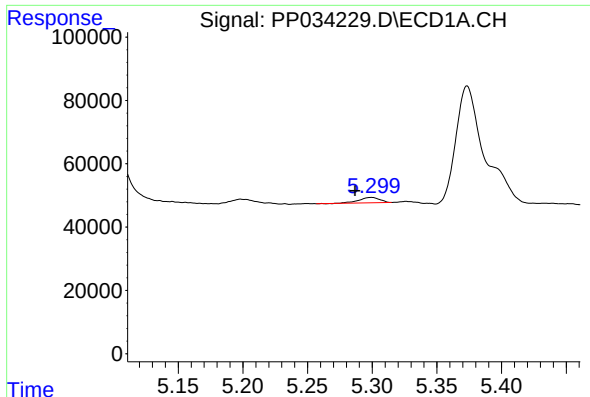
#10 AR-1221-3

R.T.: 5.299 min
Delta R.T.: 0.013 min
Response: 18417
Conc: 8.88 ng/ml



#10 AR-1221-3

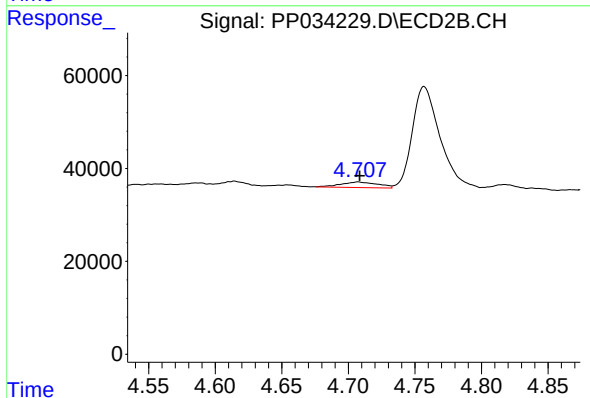
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 22762
Conc: 21.34 ng/ml



#11 AR-1232-1

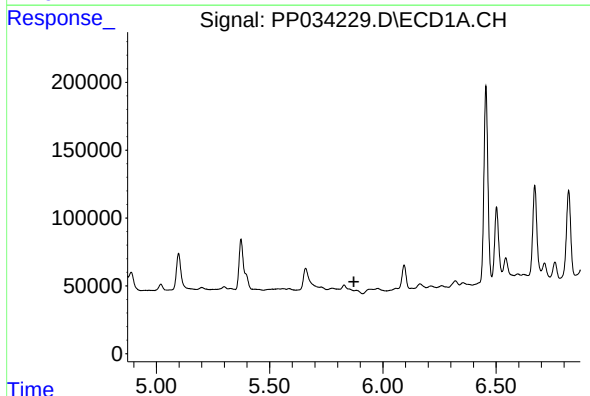
R.T.: 5.299 min
Delta R.T.: 0.013 min
Response: 18417
Conc: 11.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



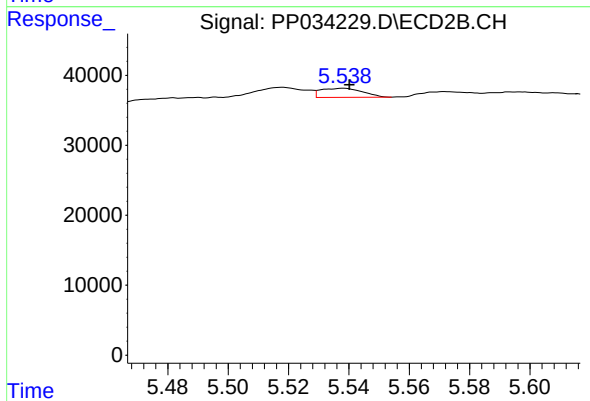
#11 AR-1232-1

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 22762
Conc: 26.21 ng/ml



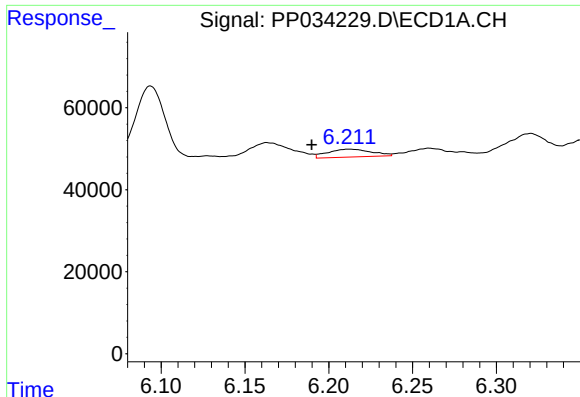
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.872 min
Response: 0
Conc: N.D.



#12 AR-1232-2

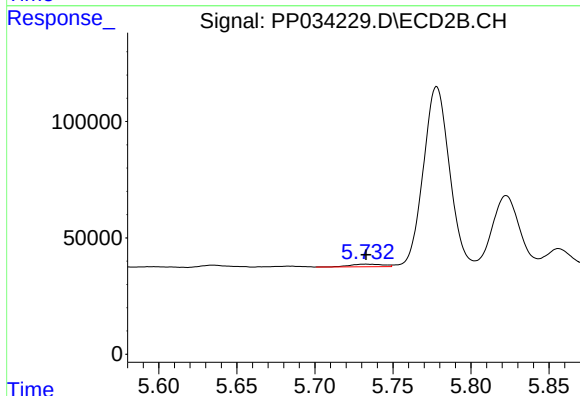
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 12488
Conc: 17.12 ng/ml



#13 AR-1232-3

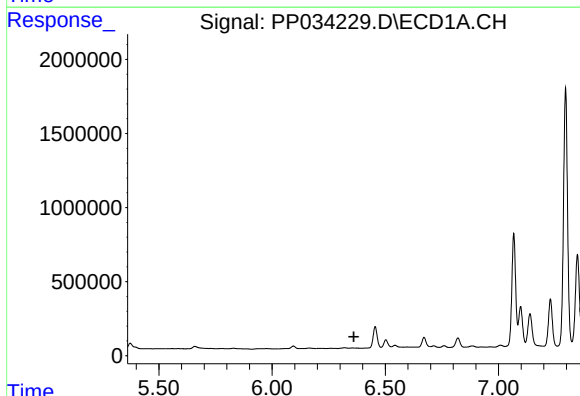
R.T.: 6.212 min
Delta R.T.: 0.023 min
Response: 34826
Conc: 22.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



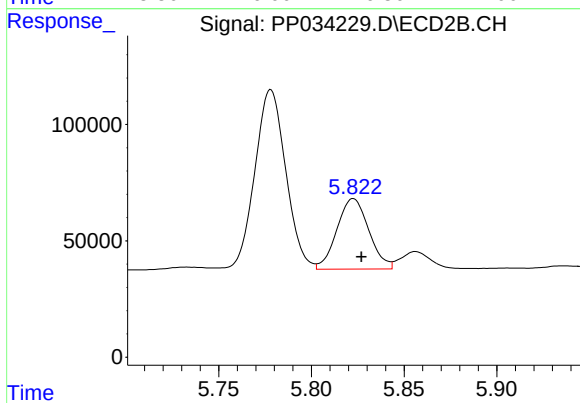
#13 AR-1232-3

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 16801
Conc: 43.03 ng/ml



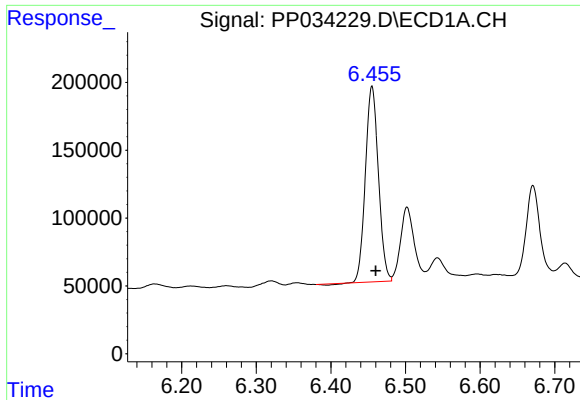
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.361 min
Response: 0
Conc: N.D.



#14 AR-1232-4

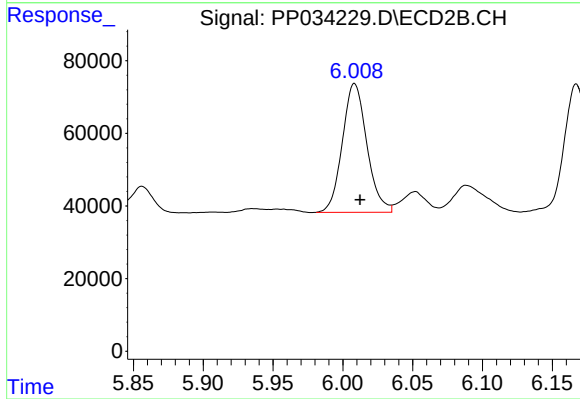
R.T.: 5.823 min
Delta R.T.: -0.004 min
Response: 362983
Conc: 1045.86 ng/ml



#15 AR-1232-5

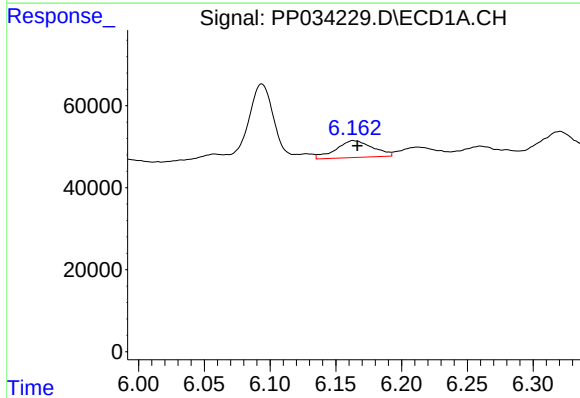
R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 1741135
Conc: 3179.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



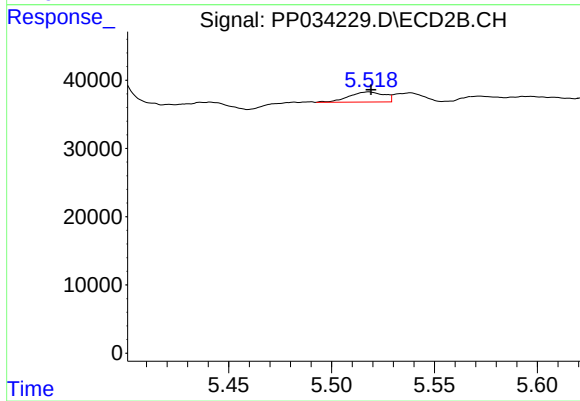
#15 AR-1232-5

R.T.: 6.008 min
Delta R.T.: -0.004 min
Response: 433839
Conc: 1186.22 ng/ml



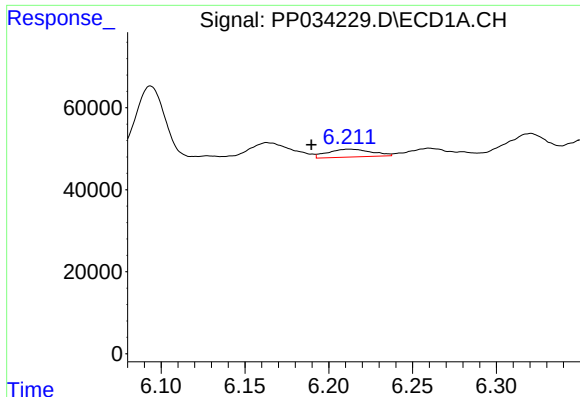
#16 AR-1242-1

R.T.: 6.163 min
Delta R.T.: -0.003 min
Response: 80424
Conc: 40.36 ng/ml



#16 AR-1242-1

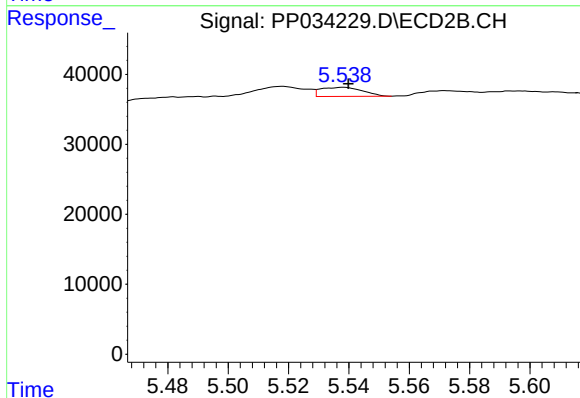
R.T.: 5.518 min
Delta R.T.: -0.001 min
Response: 17535
Conc: 19.25 ng/ml



#17 AR-1242-2

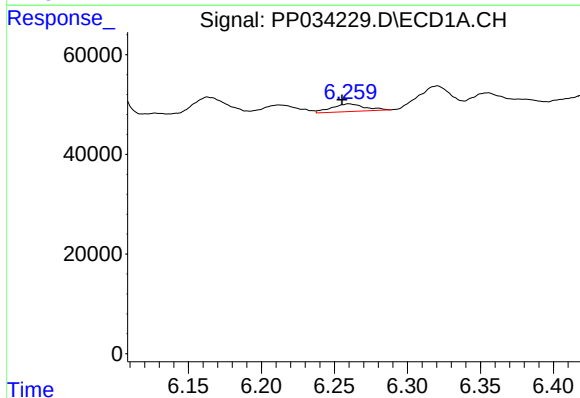
R.T.: 6.212 min
Delta R.T.: 0.023 min
Response: 34826
Conc: 11.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



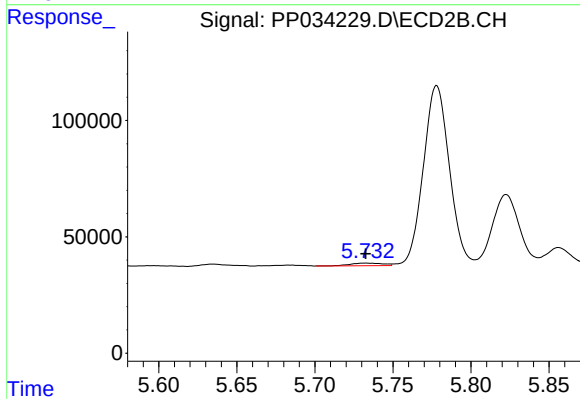
#17 AR-1242-2

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 12488
Conc: 9.51 ng/ml



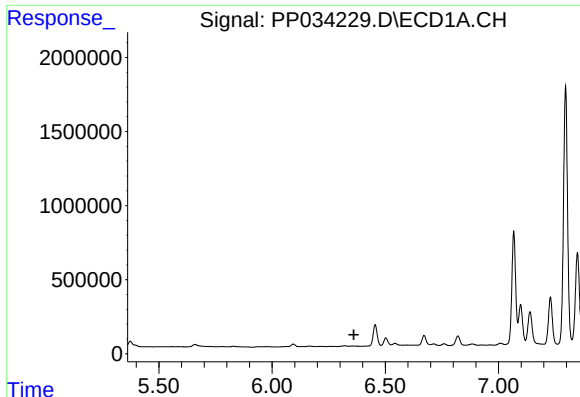
#18 AR-1242-3

R.T.: 6.260 min
Delta R.T.: 0.005 min
Response: 24566
Conc: 13.20 ng/ml



#18 AR-1242-3

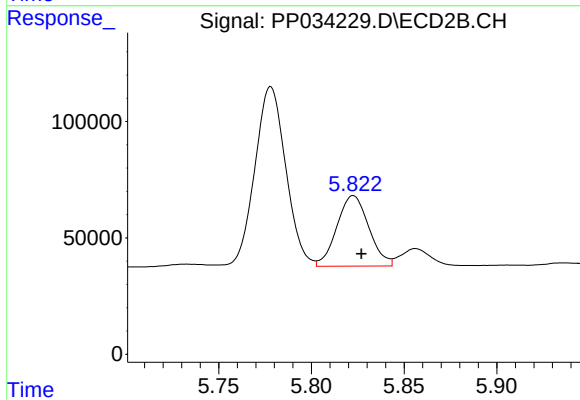
R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 16801
Conc: 23.11 ng/ml



#19 AR-1242-4

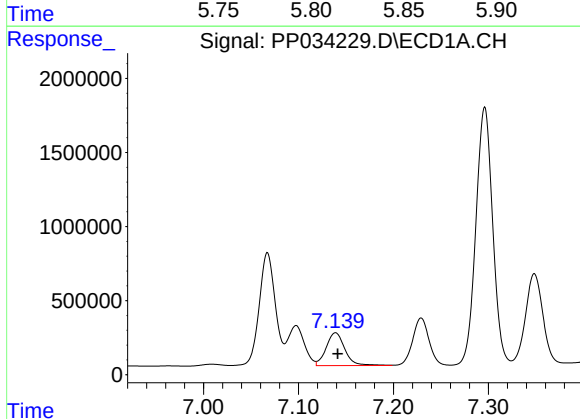
R.T.: 0.000 min
Exp R.T.: 6.361 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



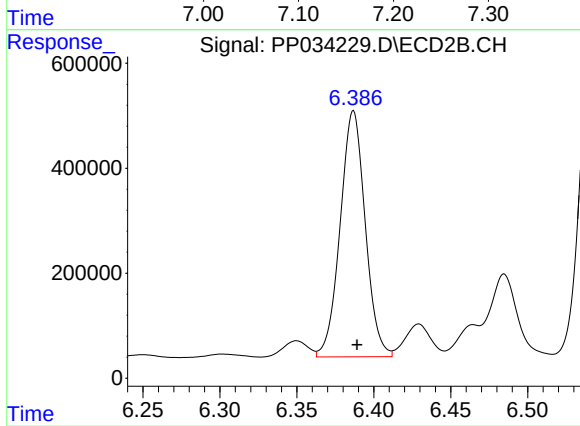
#19 AR-1242-4

R.T.: 5.823 min
Delta R.T.: -0.004 min
Response: 362983
Conc: 501.07 ng/ml



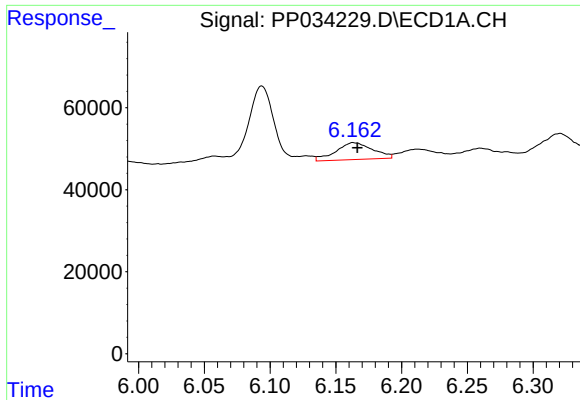
#20 AR-1242-5

R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 3026411
Conc: 1985.13 ng/ml



#20 AR-1242-5

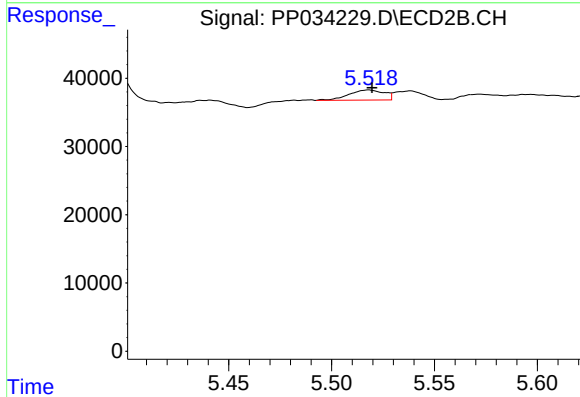
R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 5290308
Conc: 6740.55 ng/ml



#21 AR-1248-1

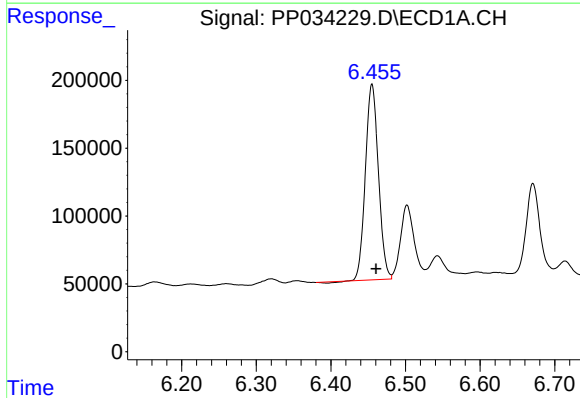
R.T.: 6.163 min
Delta R.T.: -0.003 min
Response: 80424
Conc: 53.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



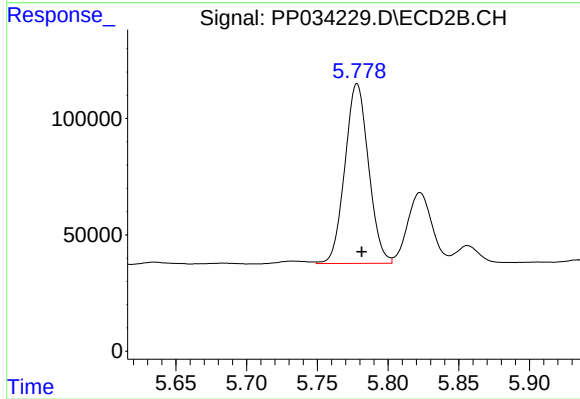
#21 AR-1248-1

R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 17535
Conc: 25.49 ng/ml



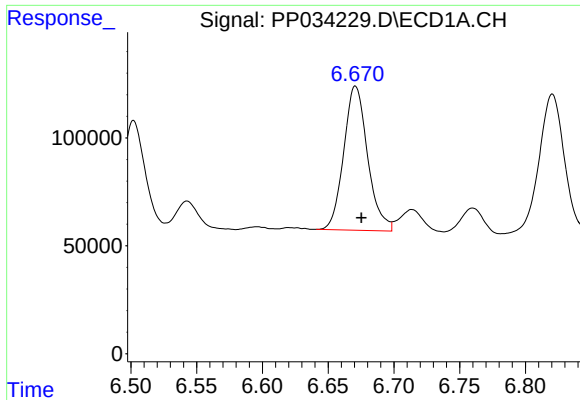
#22 AR-1248-2

R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 1741135
Conc: 829.73 ng/ml



#22 AR-1248-2

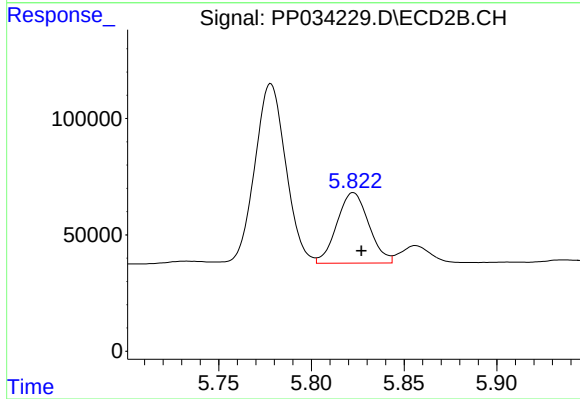
R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 899243
Conc: 900.51 ng/ml



#23 AR-1248-3

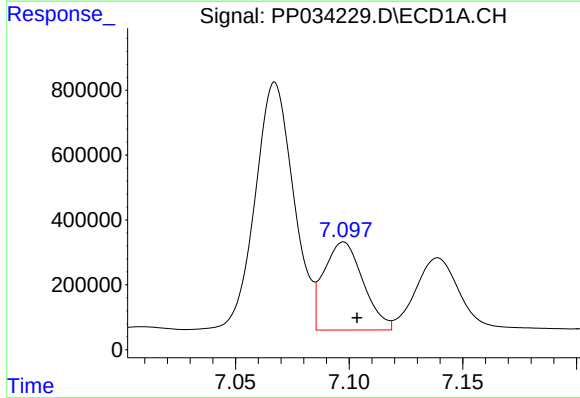
R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 845085
Conc: 331.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



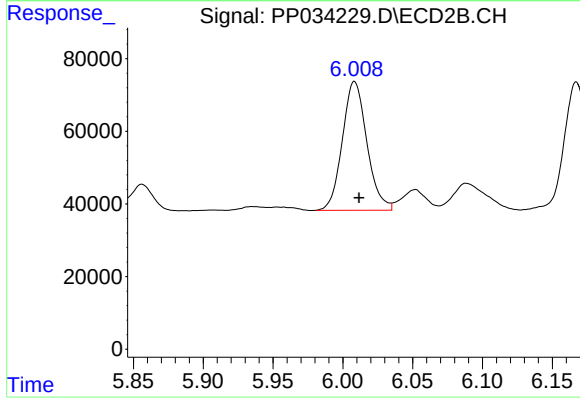
#23 AR-1248-3

R.T.: 5.823 min
Delta R.T.: -0.004 min
Response: 362983
Conc: 344.20 ng/ml



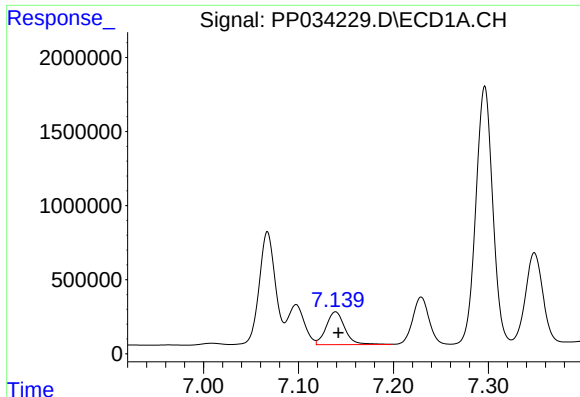
#24 AR-1248-4

R.T.: 7.098 min
Delta R.T.: -0.006 min
Response: 3263092
Conc: 1262.95 ng/ml



#24 AR-1248-4

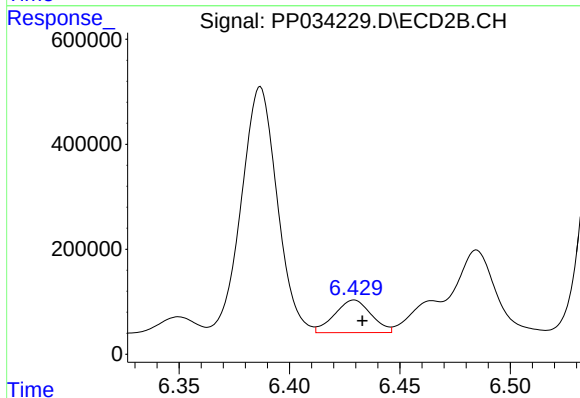
R.T.: 6.008 min
Delta R.T.: -0.003 min
Response: 433839
Conc: 353.52 ng/ml



#25 AR-1248-5

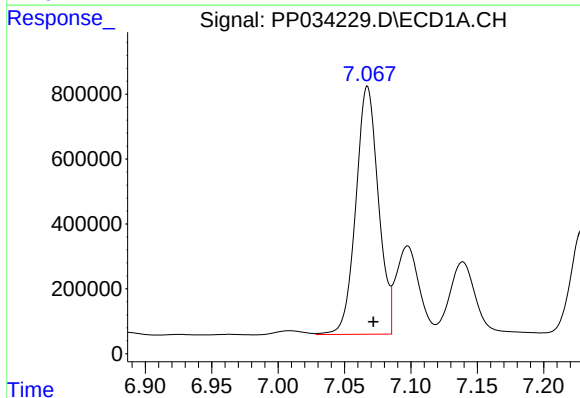
R.T.: 7.139 min
Delta R.T.: -0.003 min
Response: 3026411
Conc: 1166.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



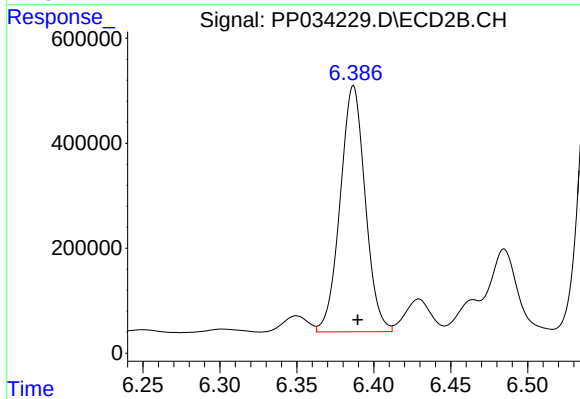
#25 AR-1248-5

R.T.: 6.429 min
Delta R.T.: -0.004 min
Response: 716348
Conc: 709.50 ng/ml



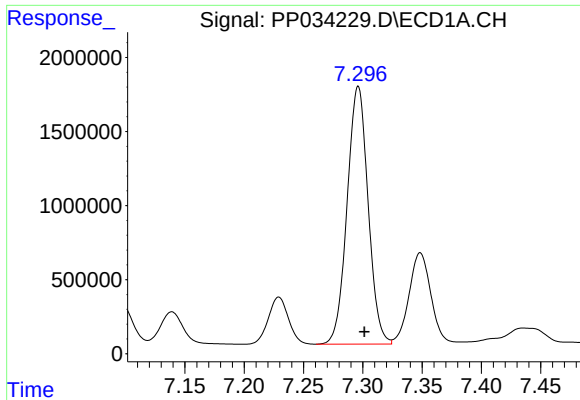
#26 AR-1254-1

R.T.: 7.067 min
Delta R.T.: -0.004 min
Response: 9031423
Conc: 3299.78 ng/ml



#26 AR-1254-1

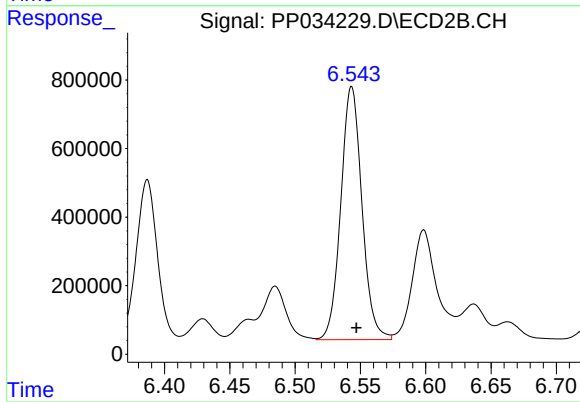
R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 5290308
Conc: 3154.84 ng/ml



#27 AR-1254-2

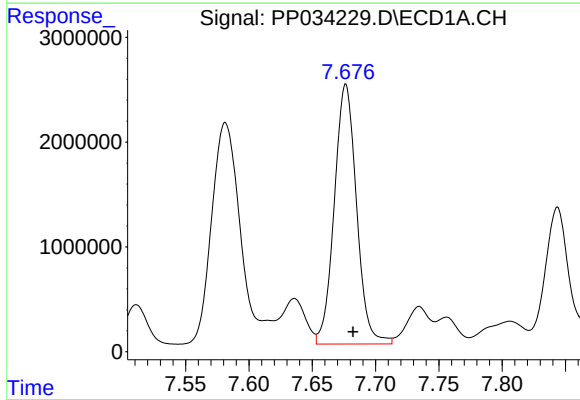
R.T.: 7.296 min
Delta R.T.: -0.005 min
Response: 21445200
Conc: 5150.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



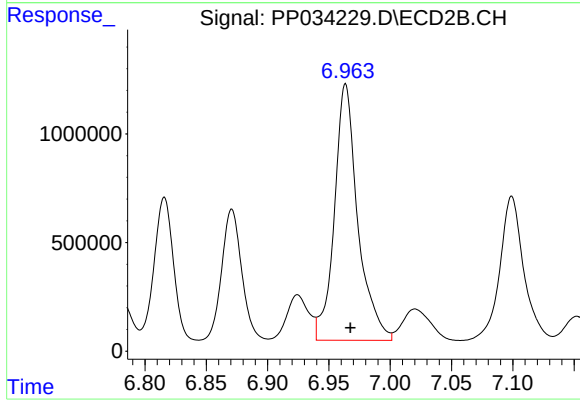
#27 AR-1254-2

R.T.: 6.543 min
Delta R.T.: -0.004 min
Response: 8334682
Conc: 5747.34 ng/ml



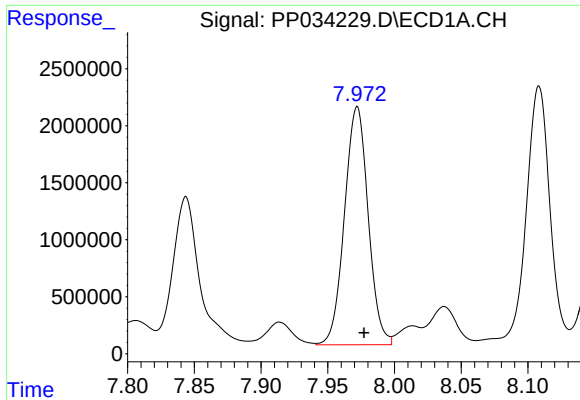
#28 AR-1254-3

R.T.: 7.676 min
Delta R.T.: -0.006 min
Response: 30376894
Conc: 6994.11 ng/ml



#28 AR-1254-3

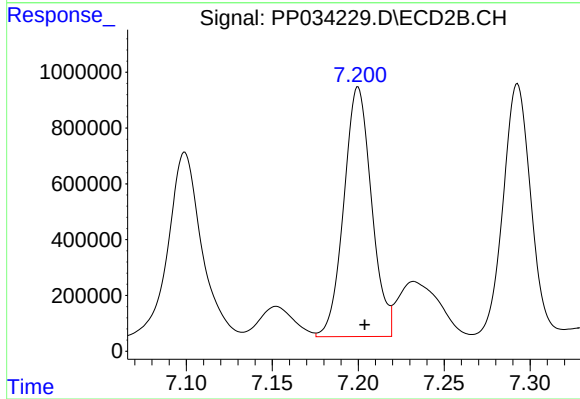
R.T.: 6.964 min
Delta R.T.: -0.004 min
Response: 15700513
Conc: 6855.75 ng/ml



#29 AR-1254-4

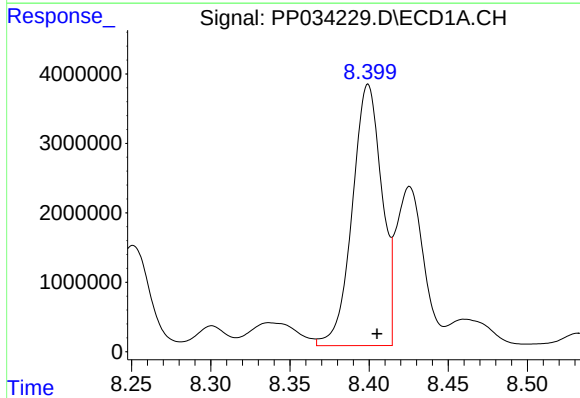
R.T.: 7.972 min
Delta R.T.: -0.005 min
Response: 25813336
Conc: 8891.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



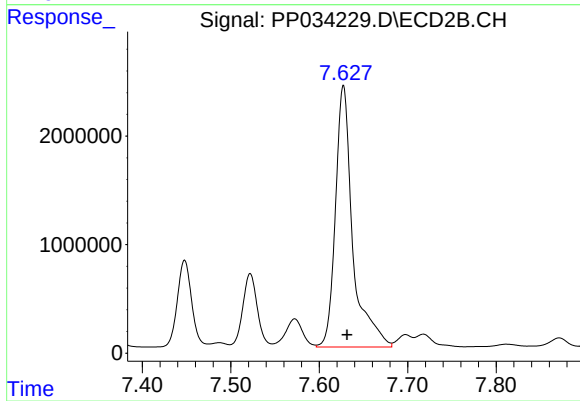
#29 AR-1254-4

R.T.: 7.200 min
Delta R.T.: -0.004 min
Response: 10051700
Conc: 8406.16 ng/ml



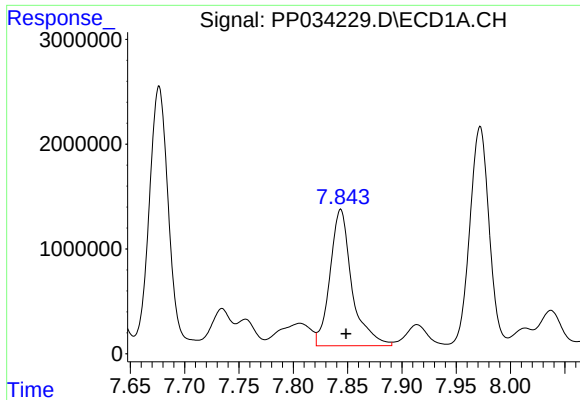
#30 AR-1254-5

R.T.: 8.399 min
Delta R.T.: -0.006 min
Response: 48861520
Conc: 14636.87 ng/ml



#30 AR-1254-5

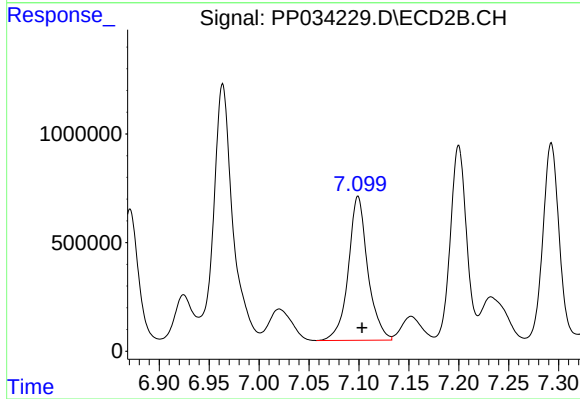
R.T.: 7.627 min
Delta R.T.: -0.004 min
Response: 32694609
Conc: 17706.68 ng/ml



#31 AR-1260-1

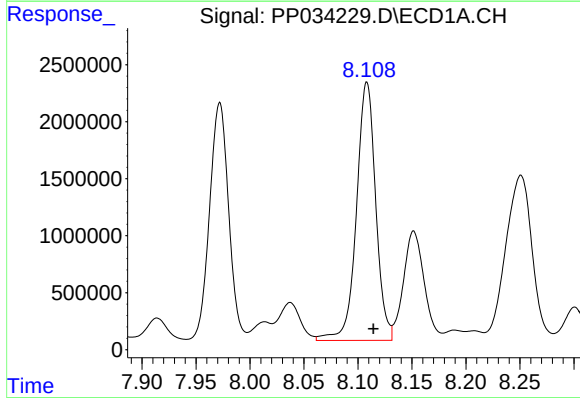
R.T.: 7.844 min
Delta R.T.: -0.005 min
Response: 18239218
Conc: 5722.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



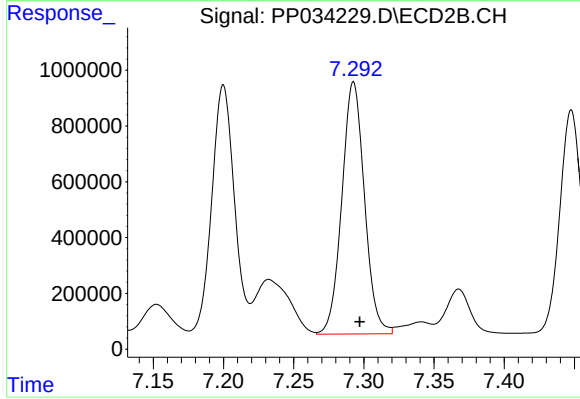
#31 AR-1260-1

R.T.: 7.099 min
Delta R.T.: -0.004 min
Response: 8995446
Conc: 5770.22 ng/ml



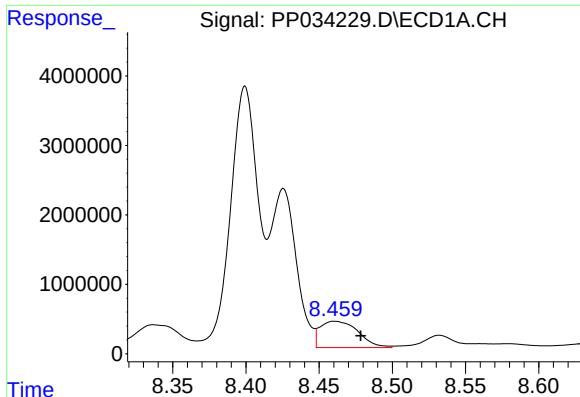
#32 AR-1260-2

R.T.: 8.108 min
Delta R.T.: -0.006 min
Response: 28125714
Conc: 7484.30 ng/ml



#32 AR-1260-2

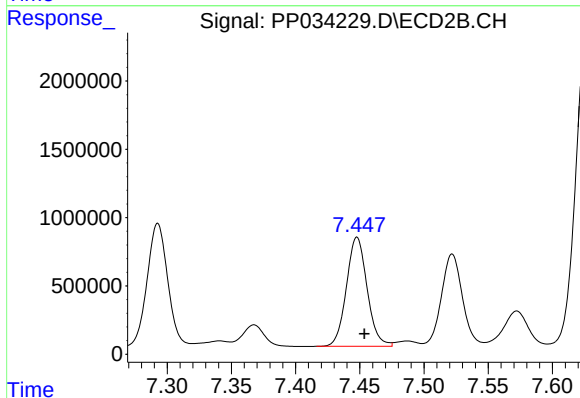
R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 10143238
Conc: 5668.83 ng/ml



#33 AR-1260-3

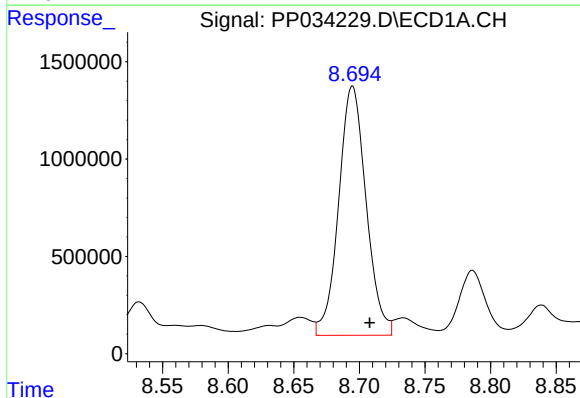
R.T.: 8.460 min
Delta R.T.: -0.018 min
Response: 6848151
Conc: 2243.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



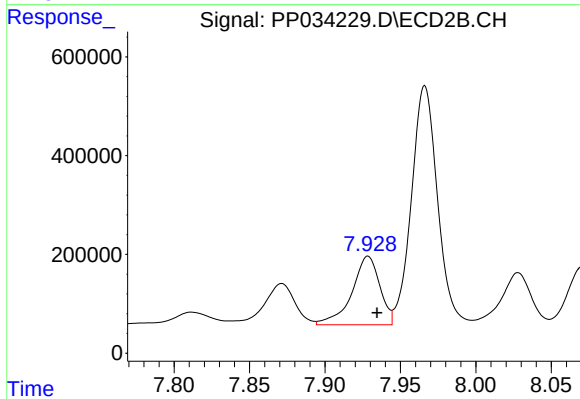
#33 AR-1260-3

R.T.: 7.448 min
Delta R.T.: -0.006 min
Response: 8976942
Conc: 5305.19 ng/ml



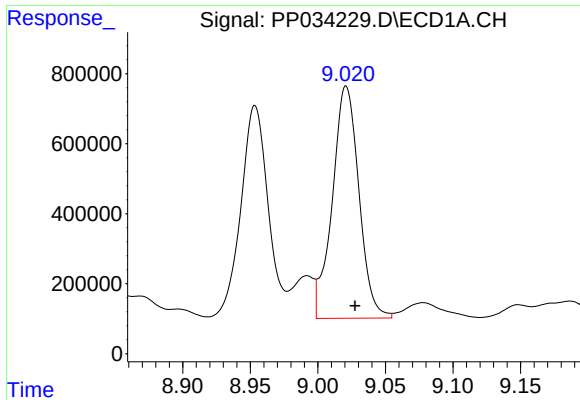
#34 AR-1260-4

R.T.: 8.695 min
Delta R.T.: -0.013 min
Response: 18637128
Conc: 5353.11 ng/ml



#34 AR-1260-4

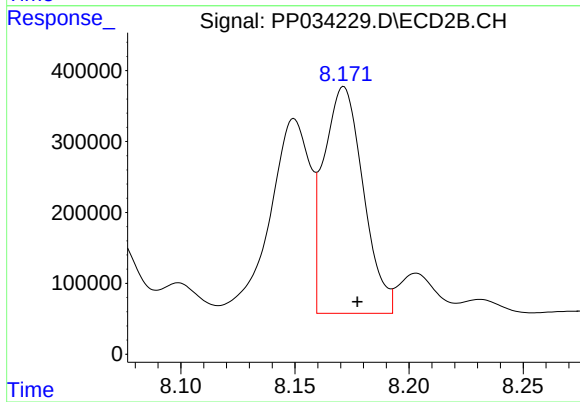
R.T.: 7.928 min
Delta R.T.: -0.006 min
Response: 1788888
Conc: 1256.46 ng/ml



#35 AR-1260-5

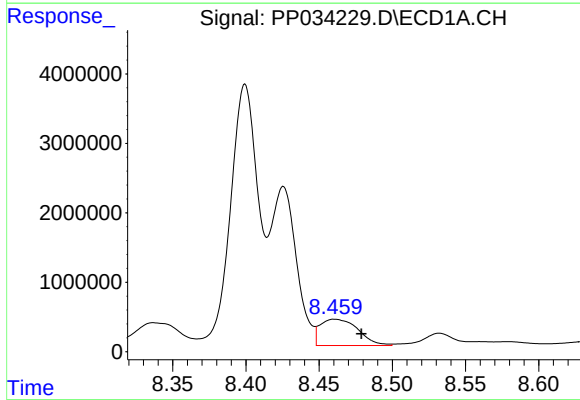
R.T.: 9.021 min
Delta R.T.: -0.007 min
Response: 9088014
Conc: 1327.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



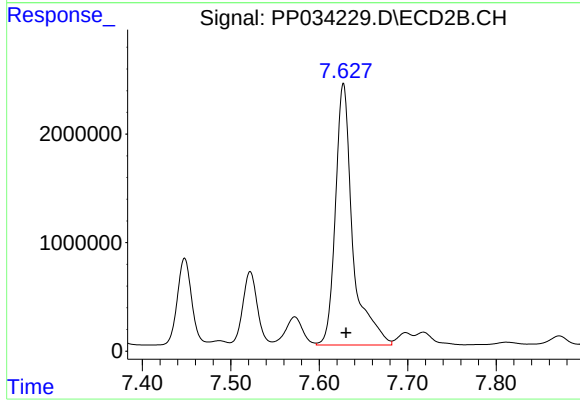
#35 AR-1260-5

R.T.: 8.171 min
Delta R.T.: -0.006 min
Response: 3840572
Conc: 1236.82 ng/ml



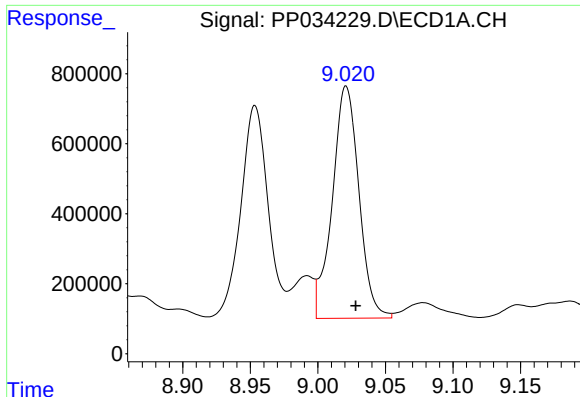
#36 AR-1262-1

R.T.: 8.460 min
Delta R.T.: -0.018 min
Response: 6848151
Conc: 1535.12 ng/ml



#36 AR-1262-1

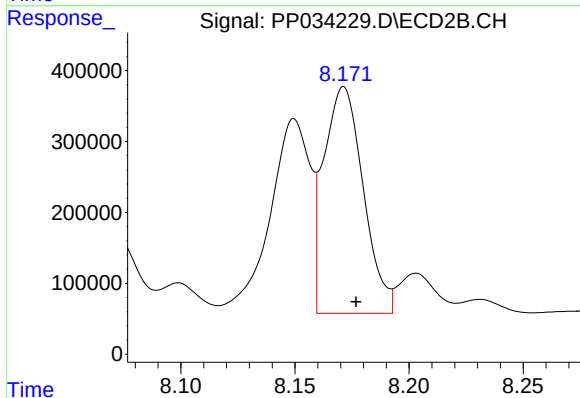
R.T.: 7.627 min
Delta R.T.: -0.003 min
Response: 32694609
Conc: 32377.97 ng/ml



#37 AR-1262-2

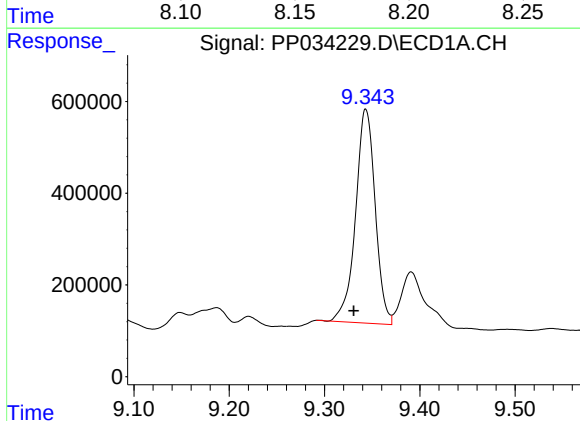
R.T.: 9.021 min
Delta R.T.: -0.007 min
Response: 9088014
Conc: 1198.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



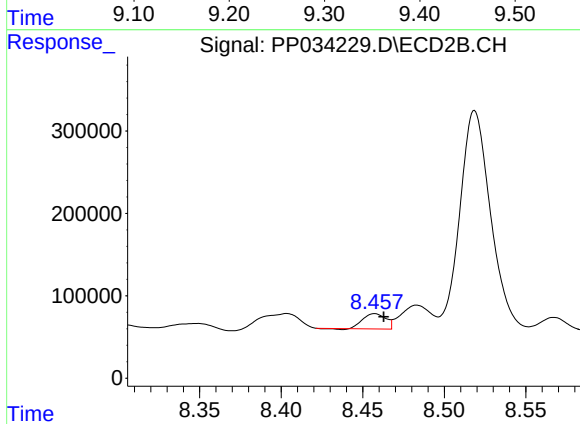
#37 AR-1262-2

R.T.: 8.171 min
Delta R.T.: -0.005 min
Response: 3840572
Conc: 1189.86 ng/ml



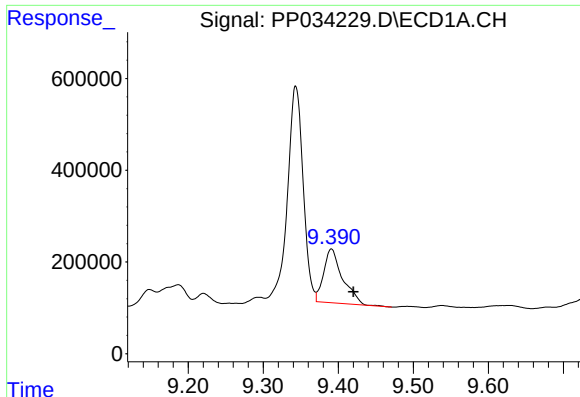
#38 AR-1262-3

R.T.: 9.343 min
Delta R.T.: 0.012 min
Response: 6676562
Conc: 1252.35 ng/ml



#38 AR-1262-3

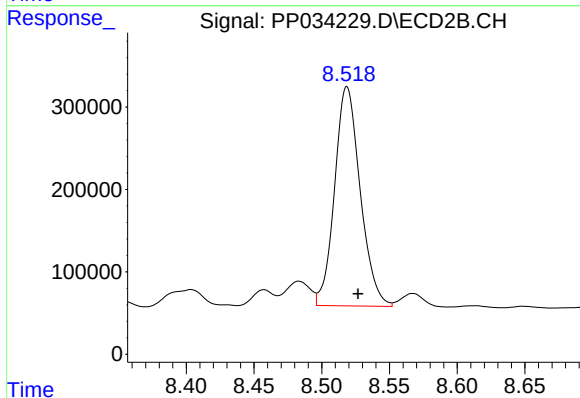
R.T.: 8.457 min
Delta R.T.: -0.006 min
Response: 179616
Conc: 131.10 ng/ml



#39 AR-1262-4

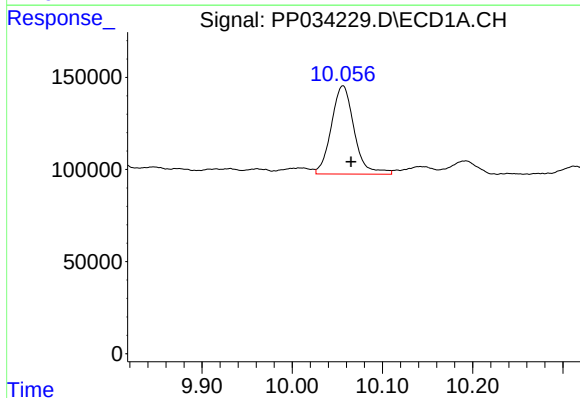
R.T.: 9.391 min
Delta R.T.: -0.029 min
Response: 2051451
Conc: 476.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



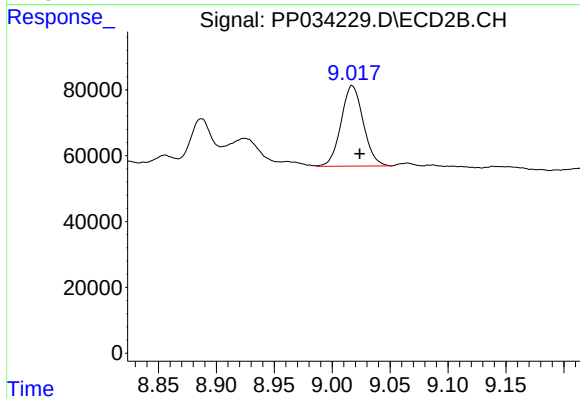
#39 AR-1262-4

R.T.: 8.519 min
Delta R.T.: -0.008 min
Response: 3501249
Conc: 1445.87 ng/ml



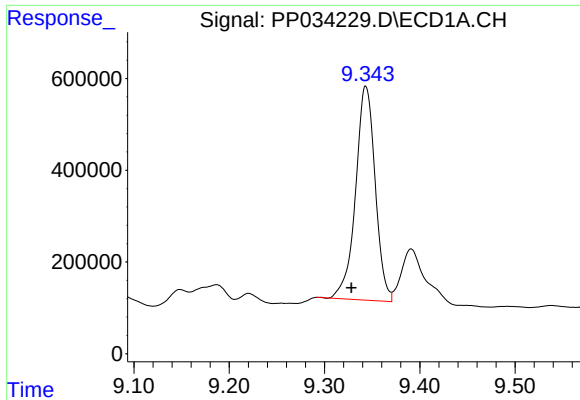
#40 AR-1262-5

R.T.: 10.056 min
Delta R.T.: -0.009 min
Response: 842963
Conc: 296.81 ng/ml



#40 AR-1262-5

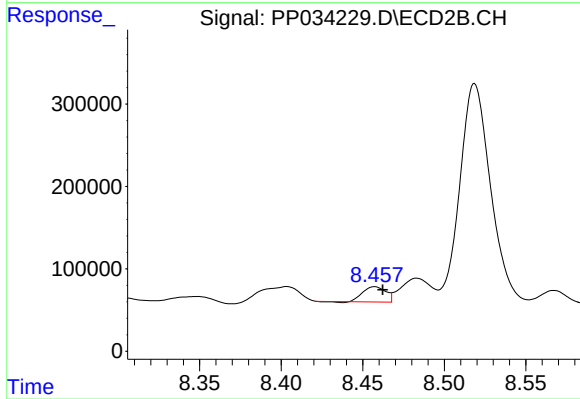
R.T.: 9.017 min
Delta R.T.: -0.006 min
Response: 326128
Conc: 310.20 ng/ml



#41 AR-1268-1

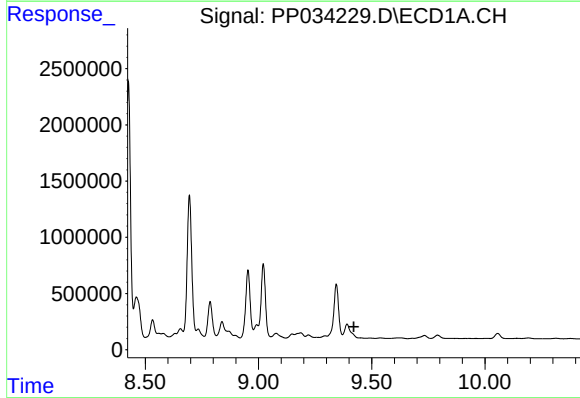
R.T.: 9.343 min
Delta R.T.: 0.015 min
Response: 6676562
Conc: 670.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



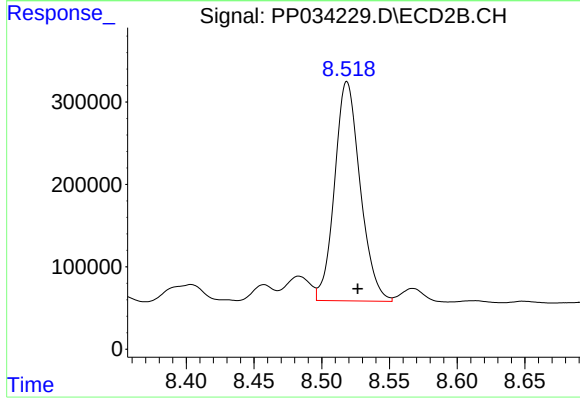
#41 AR-1268-1

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 179616
Conc: 45.38 ng/ml



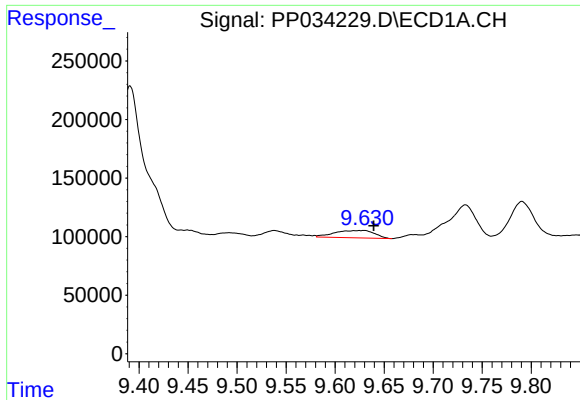
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.421 min
Response: 0
Conc: N.D.



#42 AR-1268-2

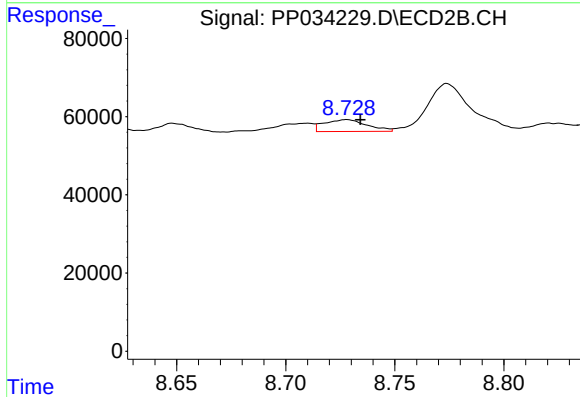
R.T.: 8.519 min
Delta R.T.: -0.008 min
Response: 3501249
Conc: 948.49 ng/ml



#43 AR-1268-3

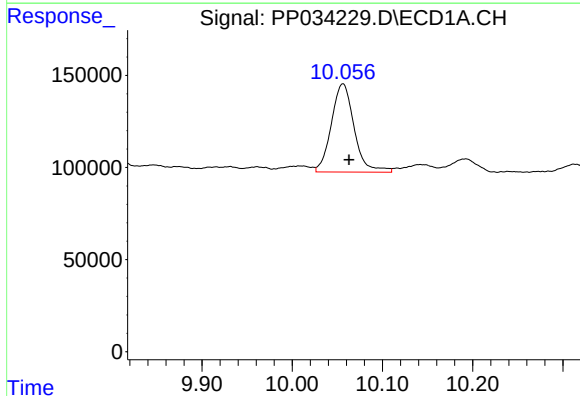
R.T.: 9.629 min
Delta R.T.: -0.010 min
Response: 179337
Conc: 20.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



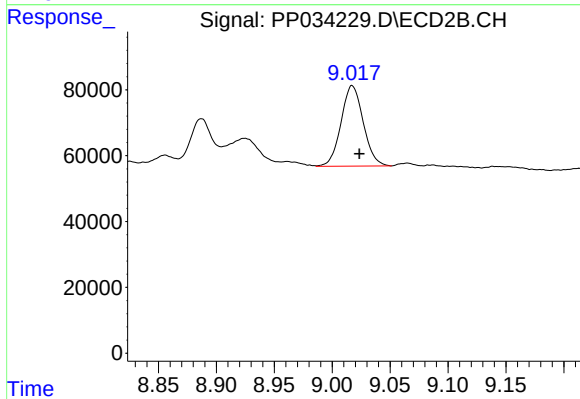
#43 AR-1268-3

R.T.: 8.728 min
Delta R.T.: -0.006 min
Response: 41769
Conc: 12.26 ng/ml



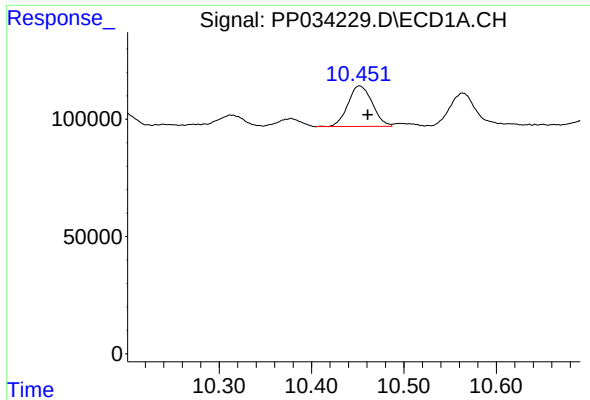
#44 AR-1268-4

R.T.: 10.056 min
Delta R.T.: -0.007 min
Response: 842963
Conc: 270.79 ng/ml



#44 AR-1268-4

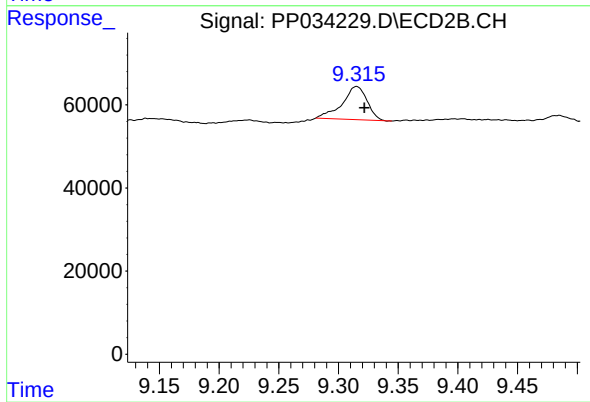
R.T.: 9.017 min
Delta R.T.: -0.006 min
Response: 326128
Conc: 271.01 ng/ml



#45 AR-1268-5

R.T.: 10.452 min
Delta R.T.: -0.009 min
Response: 316932
Conc: 11.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.315 min
Delta R.T.: -0.006 min
Response: 115482
Conc: 12.39 ng/ml