

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111419\
 Data File : PR043099.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2019 16:31
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 17:19:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 01 09:55:27 2019
 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...	4.723	3.975	327.3E6	1044.7E6	55.534	52.103
2)	SA Decachlor...	10.641	9.073	188.2E6	512.0E6	47.021	40.742
Target Compounds							
3)	L1 AR-1016-1	5.899	5.067	86857945	262.8E6	484.148	452.991
4)	L1 AR-1016-2	5.899	5.087	86857945	353.5E6	348.562	451.054 #
5)	L1 AR-1016-3	5.986	5.265	73679585	167.4E6	489.903	455.221
6)	L1 AR-1016-4	6.086	5.305	61634531	121.2E6	491.113	442.058
7)	L1 AR-1016-5	6.379	5.522	61169614	163.1E6	493.949	531.580
8)	L2 AR-1221-1	0.000	4.184	0	24213203	N.D.	133.841 #
9)	L2 AR-1221-2	5.020	4.274	11443660	39487667	307.631	298.588
10)	L2 AR-1221-3	5.097	4.349	38900359	135.5E6	336.764	327.674
11)	L3 AR-1232-1	5.097	4.349	38900359	135.5E6	243.469	234.797
12)	L3 AR-1232-2	5.631	5.087	56621408	353.5E6	670.155	643.841
13)	L3 AR-1232-3	5.899	5.265	86857945	167.4E6	504.368	646.896 #
14)	L3 AR-1232-4	6.086	5.348	61634531	145.3E6	720.738	723.351
15)	L3 AR-1232-5	6.172	5.522	53110214	163.1E6	819.966	803.311
16)	L4 AR-1242-1	5.899	5.067	86857945	262.8E6	681.307	629.854
17)	L4 AR-1242-2	5.899	5.087	86857945	353.5E6	484.195	627.998 #
18)	L4 AR-1242-3	5.986	5.265	73679585	167.4E6	681.819	616.246
19)	L4 AR-1242-4	6.086	5.348	61634531	145.3E6	683.890	616.700
20)	L4 AR-1242-5	6.824	5.875	13234938	145.5E6	132.396	493.292 #
21)	L5 AR-1248-1	5.899	5.067	86857945	262.8E6	915.512	831.802
22)	L5 AR-1248-2	6.172	5.305	53110214	121.2E6	403.001	365.167
23)	L5 AR-1248-3	6.379	5.348	61169614	145.3E6	413.052	442.914
24)	L5 AR-1248-4	6.783	5.522	15198077	163.1E6	89.003	454.555 #
25)	L5 AR-1248-5	6.824	5.916	13234938	60337569	81.612	155.652 #
26)	L6 AR-1254-1	6.757	5.875	52798627	145.5E6	282.851	230.868
27)	L6 AR-1254-2	6.973	6.022	36007362	137.0E6	123.350	234.524 #
28)	L6 AR-1254-3	7.344	6.442	28476172	221.7E6	90.420	215.457 #
29)	L6 AR-1254-4	7.629	6.656	26595136	34423027	113.473	45.140 #
30)	L6 AR-1254-5	8.049	7.074	120.5E6	354.5E6	479.241	384.581
31)	L7 AR-1260-1	7.506	6.558	88618985	247.6E6	426.247	408.498
32)	L7 AR-1260-2	7.761	6.745	104.3E6	379.4E6	426.544	438.826
33)	L7 AR-1260-3	8.122	6.901	77469042	311.3E6	428.559	438.310
34)	L7 AR-1260-4	8.362	7.374	91514944	242.4E6	438.518	415.273
35)	L7 AR-1260-5	8.700	7.615	189.0E6	676.9E6	455.928	419.556
36)	L8 AR-1262-1	8.122	7.167	77469042	150.2E6	262.528	345.655 #
37)	L8 AR-1262-2	8.700	7.615	189.0E6	676.9E6	339.421	323.876
38)	L8 AR-1262-3	9.053	7.899	113.8E6	147.7E6	318.360	176.127 #
39)	L8 AR-1262-4	9.111	7.964	68826562	421.5E6	507.954	298.815 #
40)	L8 AR-1262-5	9.832	8.480	48155766	142.2E6	262.916	218.506
41)	L9 AR-1268-1	9.053	7.899	113.8E6	147.7E6	179.282	60.831 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111419\
 Data File : PR043099.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2019 16:31
 Operator : SM\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

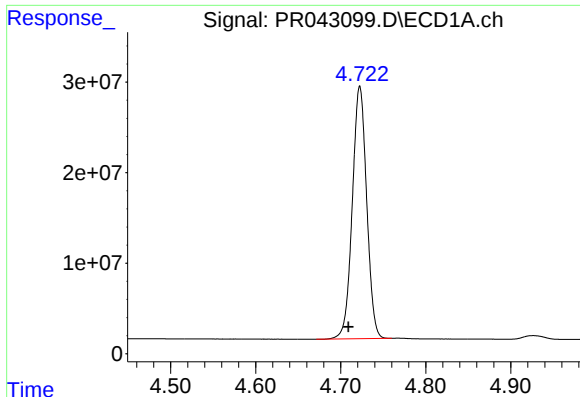
Instrument :
 ECD_R
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 17:19:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
 Quant Title : GC EXTRACTABLES
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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	9.111	7.964	68826562	421.5E6	119.558	196.206 #
44) L9	AR-1268-4	9.832	8.480	48155766	142.2E6	234.674	196.153
45) L9	AR-1268-5	10.278	8.795	13175188	35533355	8.417	6.898

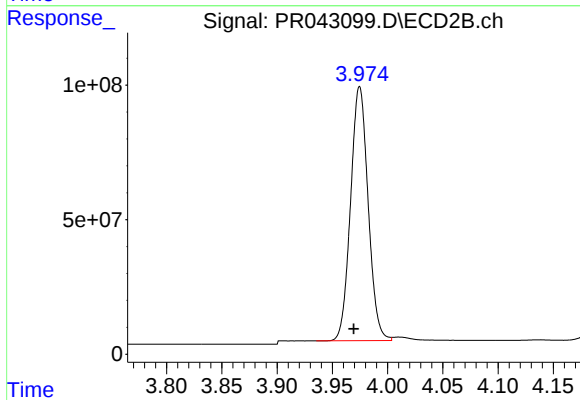
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

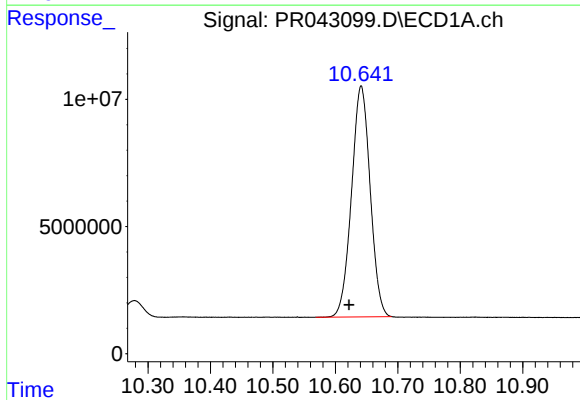
R.T.: 4.723 min
Delta R.T.: 0.014 min
Response: 327340176
Conc: 55.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



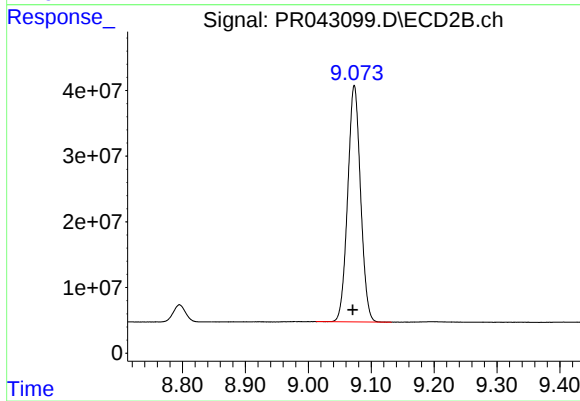
#1 Tetrachloro-m-xylene

R.T.: 3.975 min
Delta R.T.: 0.005 min
Response: 1044712193
Conc: 52.10 ng/ml



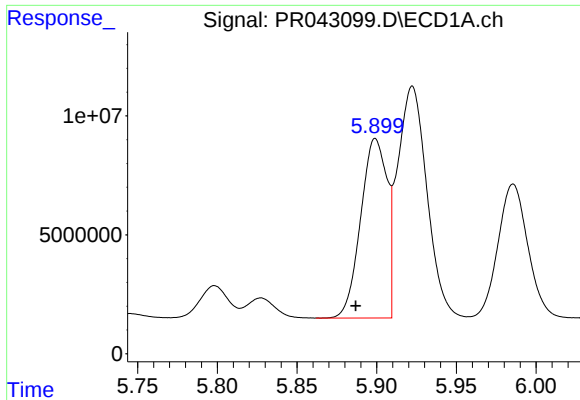
#2 Decachlorobiphenyl

R.T.: 10.641 min
Delta R.T.: 0.019 min
Response: 188170780
Conc: 47.02 ng/ml



#2 Decachlorobiphenyl

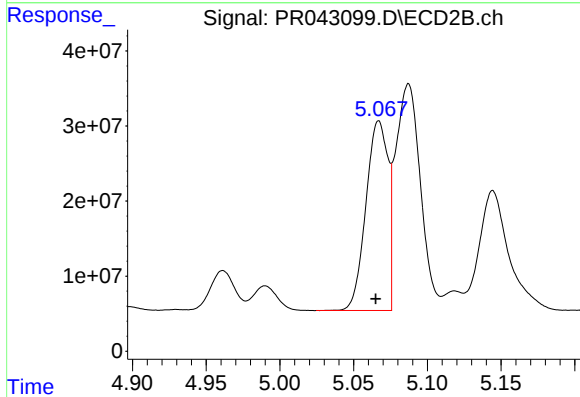
R.T.: 9.073 min
Delta R.T.: 0.003 min
Response: 511962462
Conc: 40.74 ng/ml



#3 AR-1016-1

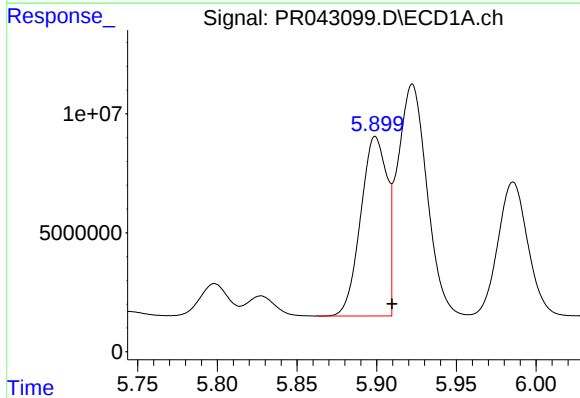
R.T.: 5.899 min
Delta R.T.: 0.012 min
Response: 86857945
Conc: 484.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



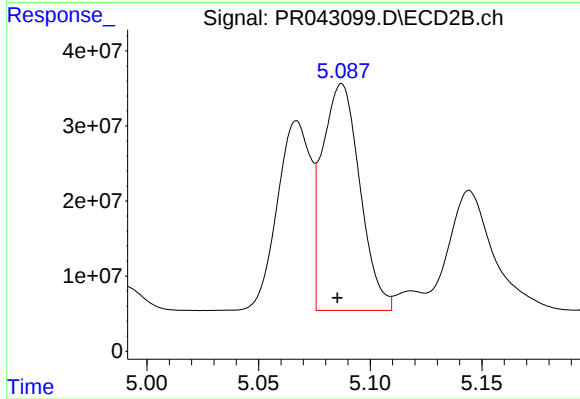
#3 AR-1016-1

R.T.: 5.067 min
Delta R.T.: 0.002 min
Response: 262793117
Conc: 452.99 ng/ml



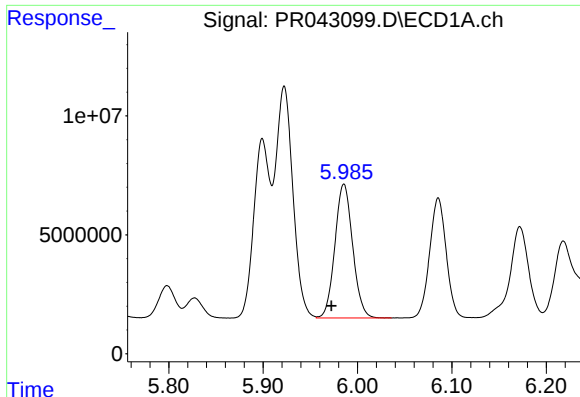
#4 AR-1016-2

R.T.: 5.899 min
Delta R.T.: -0.010 min
Response: 86857945
Conc: 348.56 ng/ml



#4 AR-1016-2

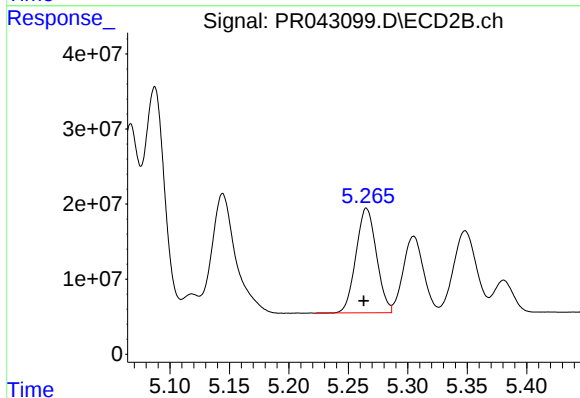
R.T.: 5.087 min
Delta R.T.: 0.002 min
Response: 353484018
Conc: 451.05 ng/ml



#5 AR-1016-3

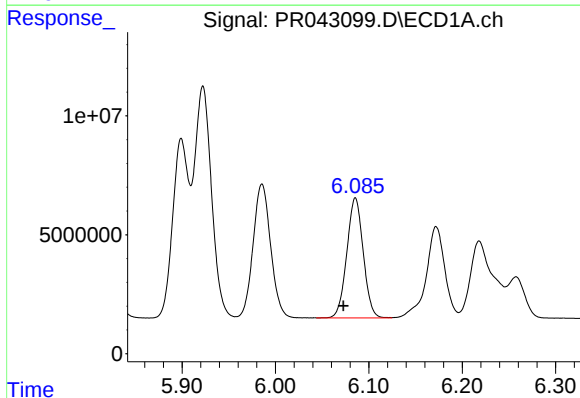
R.T.: 5.986 min
Delta R.T.: 0.013 min
Response: 73679585
Conc: 489.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



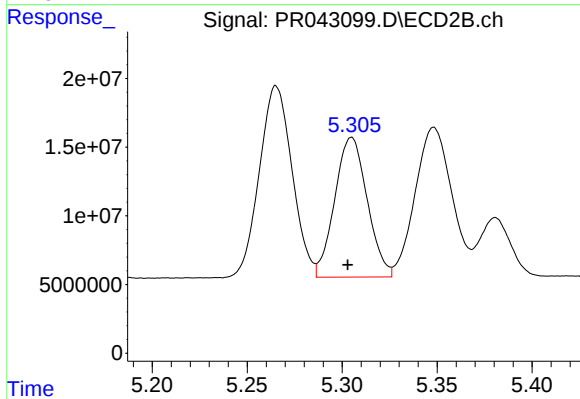
#5 AR-1016-3

R.T.: 5.265 min
Delta R.T.: 0.002 min
Response: 167379846
Conc: 455.22 ng/ml



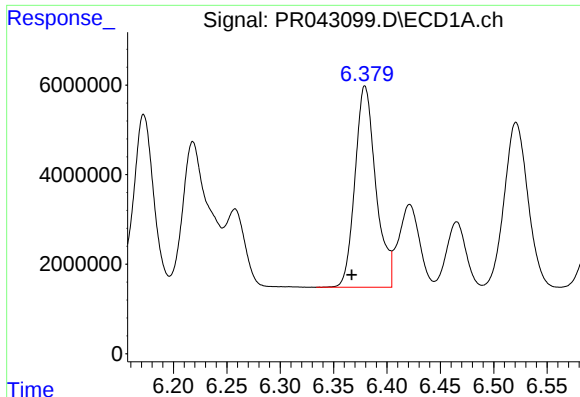
#6 AR-1016-4

R.T.: 6.086 min
Delta R.T.: 0.013 min
Response: 61634531
Conc: 491.11 ng/ml



#6 AR-1016-4

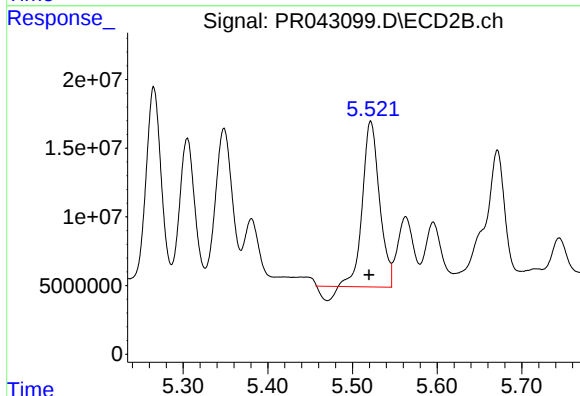
R.T.: 5.305 min
Delta R.T.: 0.002 min
Response: 121186497
Conc: 442.06 ng/ml



#7 AR-1016-5

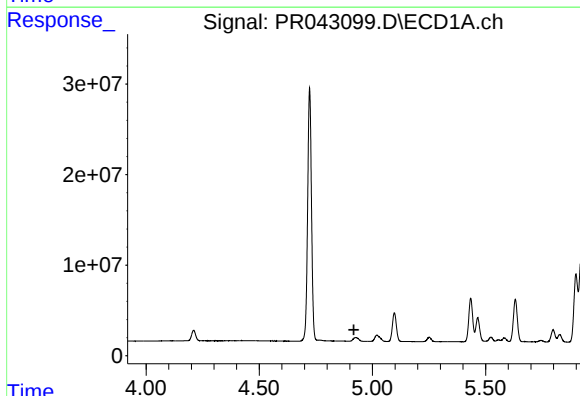
R.T.: 6.379 min
Delta R.T.: 0.013 min
Response: 61169614
Conc: 493.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



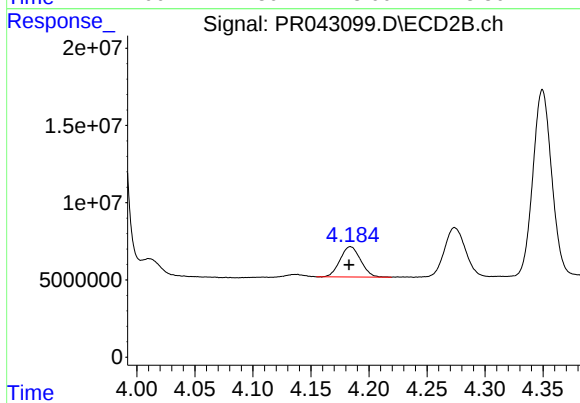
#7 AR-1016-5

R.T.: 5.522 min
Delta R.T.: 0.002 min
Response: 163096857
Conc: 531.58 ng/ml



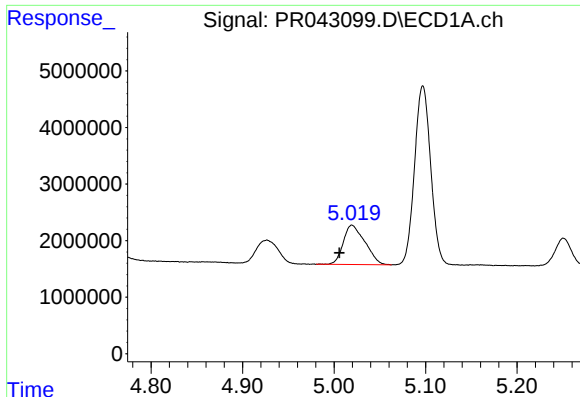
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.918 min
Response: 0
Conc: N.D.



#8 AR-1221-1

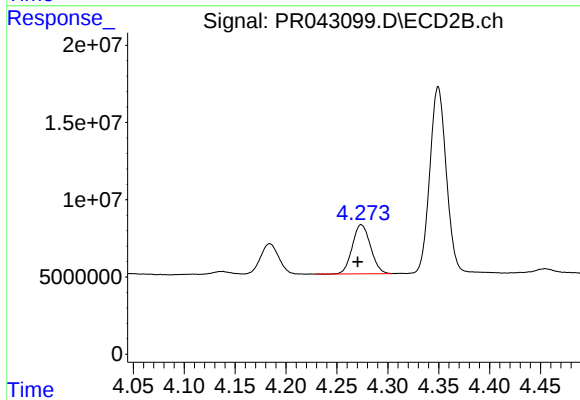
R.T.: 4.184 min
Delta R.T.: 0.001 min
Response: 24213203
Conc: 133.84 ng/ml



#9 AR-1221-2

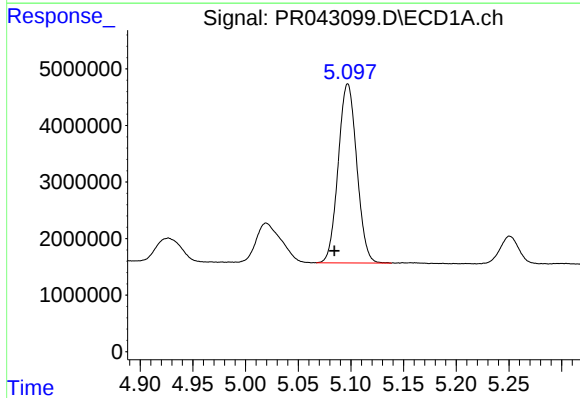
R.T.: 5.020 min
Delta R.T.: 0.014 min
Response: 11443660
Conc: 307.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



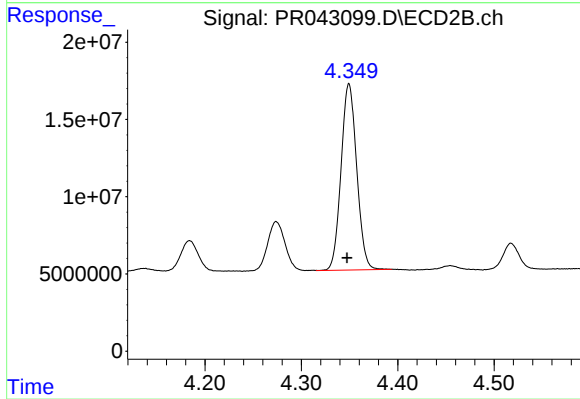
#9 AR-1221-2

R.T.: 4.274 min
Delta R.T.: 0.003 min
Response: 39487667
Conc: 298.59 ng/ml



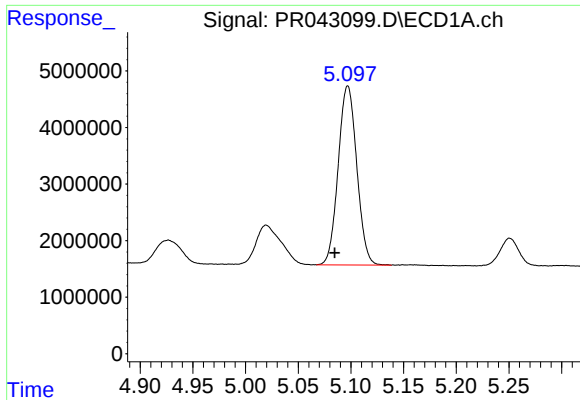
#10 AR-1221-3

R.T.: 5.097 min
Delta R.T.: 0.013 min
Response: 38900359
Conc: 336.76 ng/ml



#10 AR-1221-3

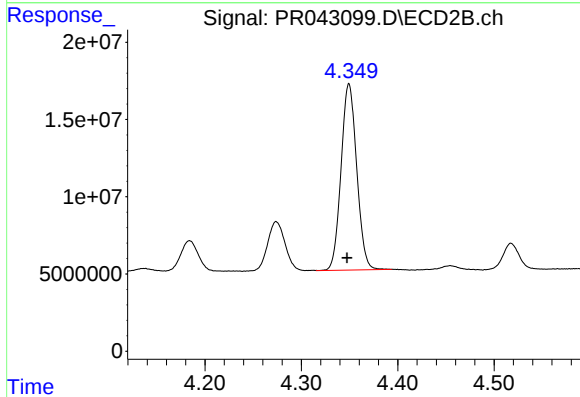
R.T.: 4.349 min
Delta R.T.: 0.002 min
Response: 135523854
Conc: 327.67 ng/ml



#11 AR-1232-1

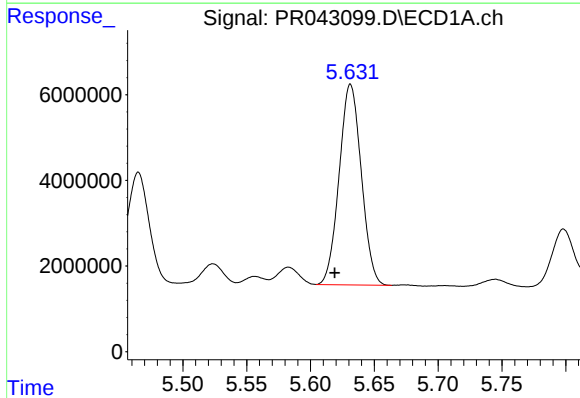
R.T.: 5.097 min
Delta R.T.: 0.012 min
Response: 38900359
Conc: 243.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



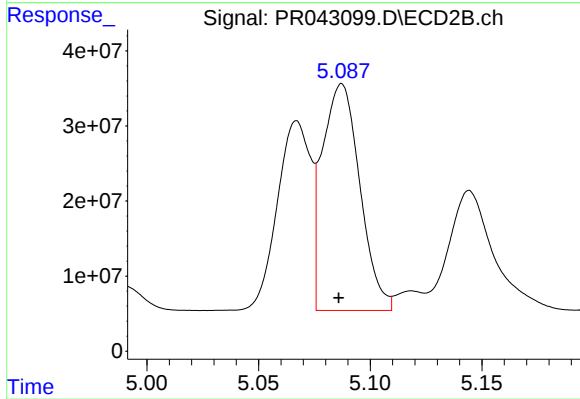
#11 AR-1232-1

R.T.: 4.349 min
Delta R.T.: 0.002 min
Response: 135523854
Conc: 234.80 ng/ml



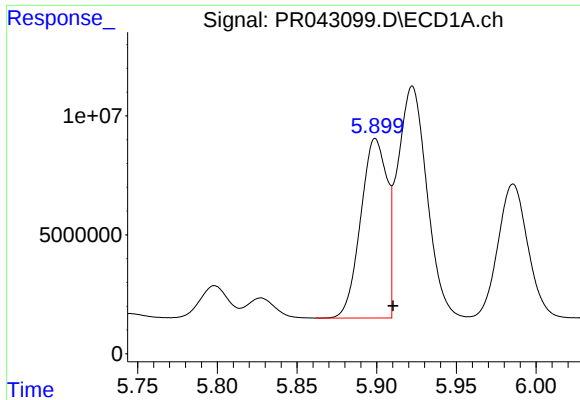
#12 AR-1232-2

R.T.: 5.631 min
Delta R.T.: 0.012 min
Response: 56621408
Conc: 670.15 ng/ml



#12 AR-1232-2

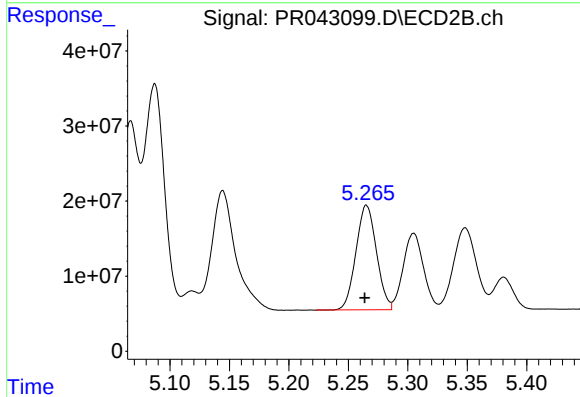
R.T.: 5.087 min
Delta R.T.: 0.001 min
Response: 353484018
Conc: 643.84 ng/ml



#13 AR-1232-3

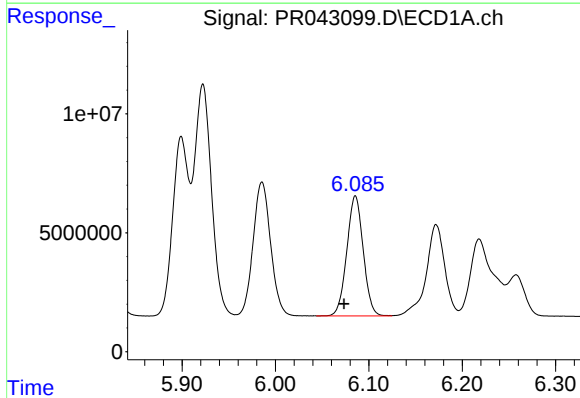
R.T.: 5.899 min
Delta R.T.: -0.011 min
Response: 86857945
Conc: 504.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



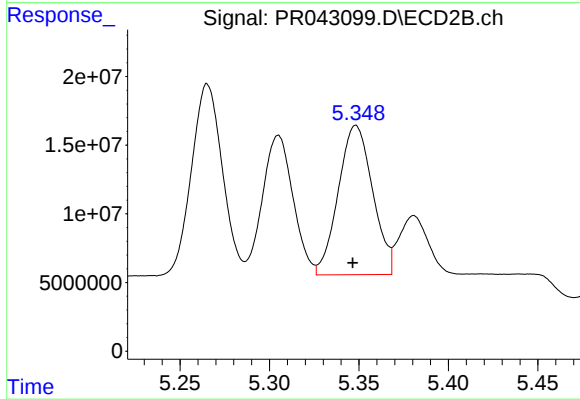
#13 AR-1232-3

R.T.: 5.265 min
Delta R.T.: 0.001 min
Response: 167379846
Conc: 646.90 ng/ml



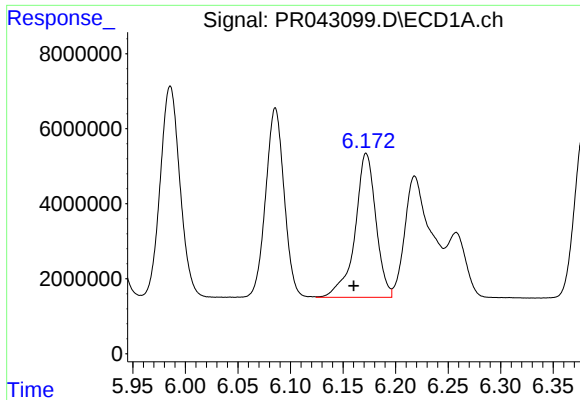
#14 AR-1232-4

R.T.: 6.086 min
Delta R.T.: 0.012 min
Response: 61634531
Conc: 720.74 ng/ml



#14 AR-1232-4

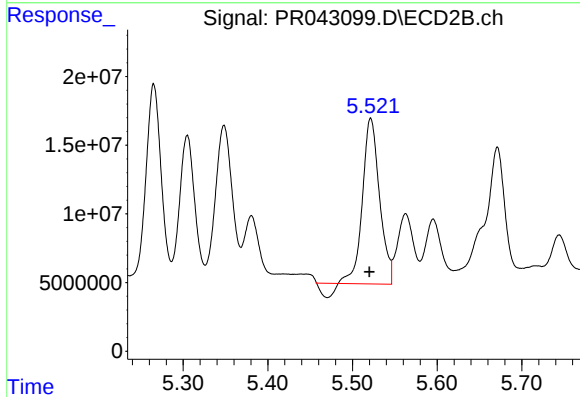
R.T.: 5.348 min
Delta R.T.: 0.002 min
Response: 145344209
Conc: 723.35 ng/ml



#15 AR-1232-5

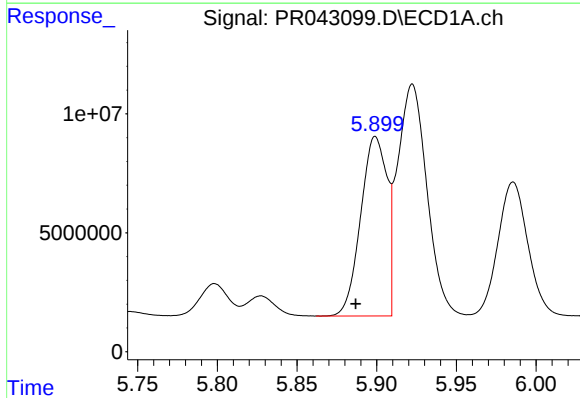
R.T.: 6.172 min
Delta R.T.: 0.012 min
Response: 53110214
Conc: 819.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



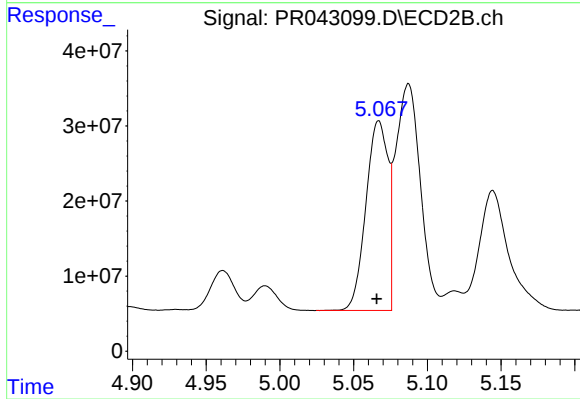
#15 AR-1232-5

R.T.: 5.522 min
Delta R.T.: 0.001 min
Response: 163096857
Conc: 803.31 ng/ml



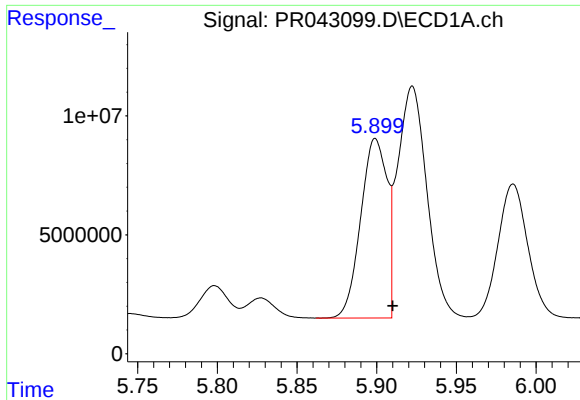
#16 AR-1242-1

R.T.: 5.899 min
Delta R.T.: 0.012 min
Response: 86857945
Conc: 681.31 ng/ml



#16 AR-1242-1

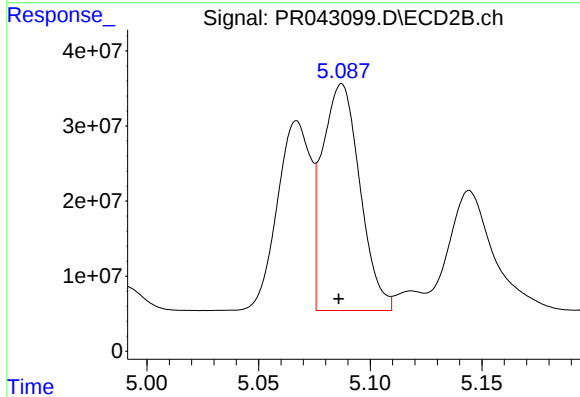
R.T.: 5.067 min
Delta R.T.: 0.001 min
Response: 262793117
Conc: 629.85 ng/ml



#17 AR-1242-2

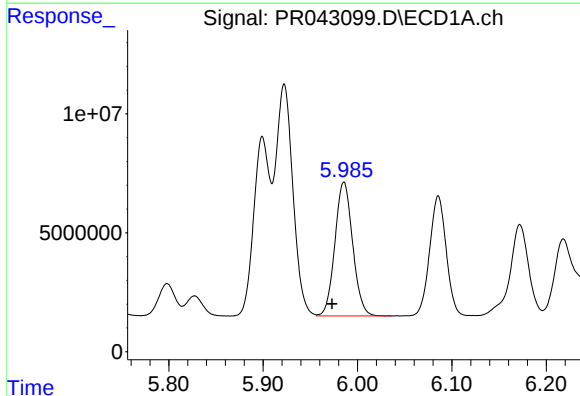
R.T.: 5.899 min
Delta R.T.: -0.011 min
Response: 86857945
Conc: 484.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



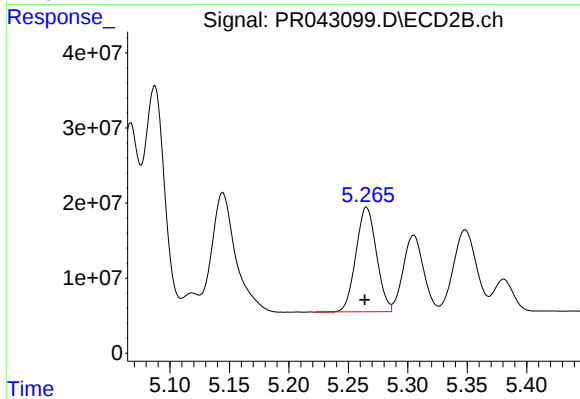
#17 AR-1242-2

R.T.: 5.087 min
Delta R.T.: 0.001 min
Response: 353484018
Conc: 628.00 ng/ml



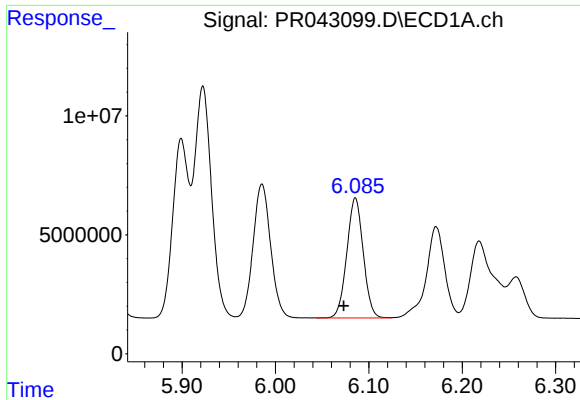
#18 AR-1242-3

R.T.: 5.986 min
Delta R.T.: 0.013 min
Response: 73679585
Conc: 681.82 ng/ml



#18 AR-1242-3

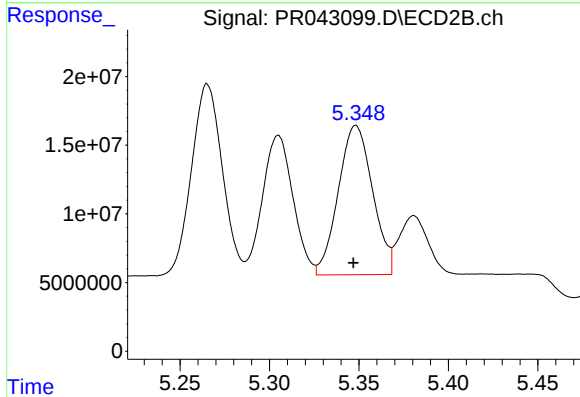
R.T.: 5.265 min
Delta R.T.: 0.001 min
Response: 167379846
Conc: 616.25 ng/ml



#19 AR-1242-4

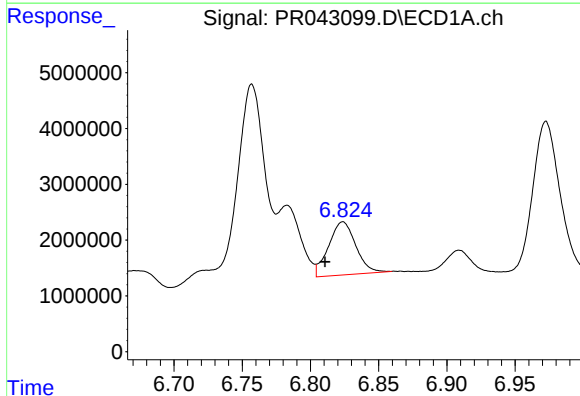
R.T.: 6.086 min
Delta R.T.: 0.012 min
Response: 61634531
Conc: 683.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



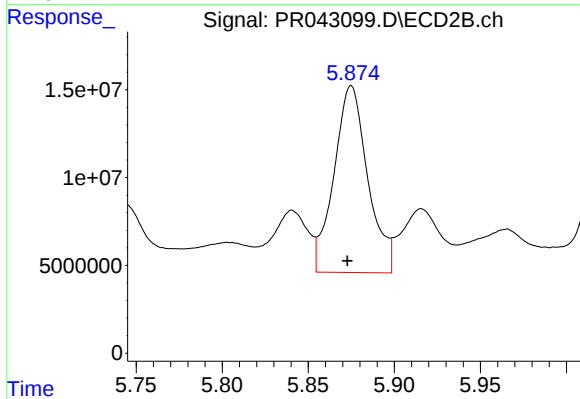
#19 AR-1242-4

R.T.: 5.348 min
Delta R.T.: 0.001 min
Response: 145344209
Conc: 616.70 ng/ml



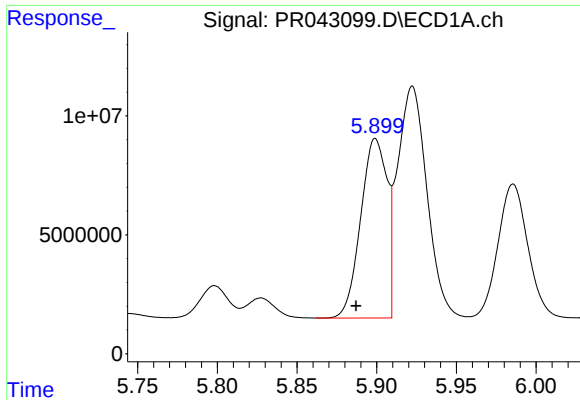
#20 AR-1242-5

R.T.: 6.824 min
Delta R.T.: 0.013 min
Response: 13234938
Conc: 132.40 ng/ml



#20 AR-1242-5

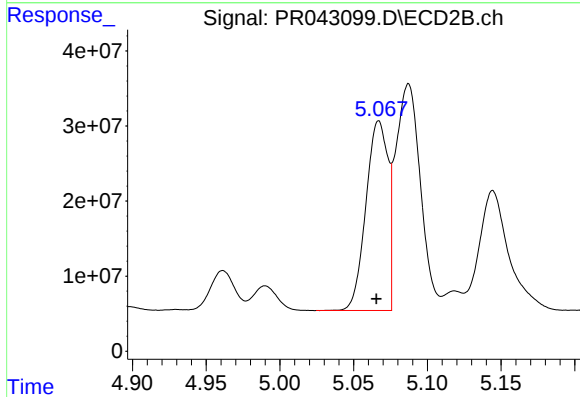
R.T.: 5.875 min
Delta R.T.: 0.002 min
Response: 145487238
Conc: 493.29 ng/ml



#21 AR-1248-1

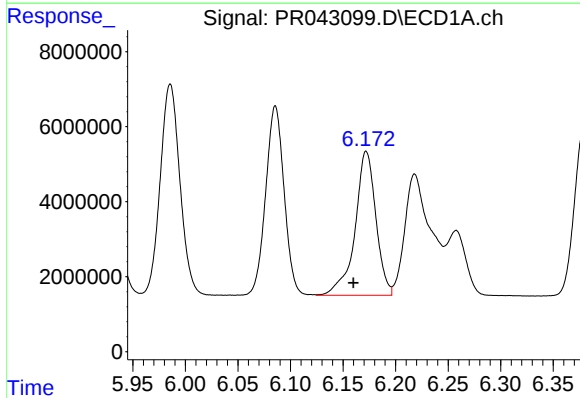
R.T.: 5.899 min
Delta R.T.: 0.012 min
Response: 86857945
Conc: 915.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



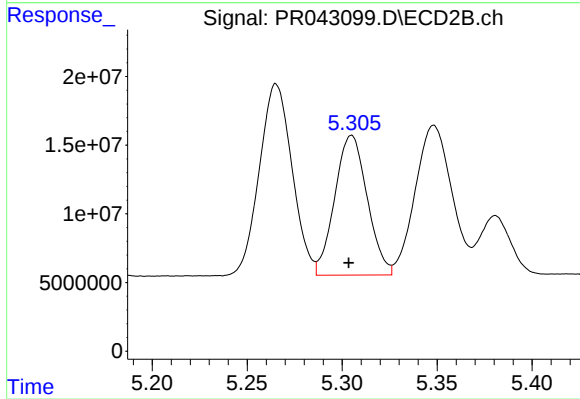
#21 AR-1248-1

R.T.: 5.067 min
Delta R.T.: 0.002 min
Response: 262793117
Conc: 831.80 ng/ml



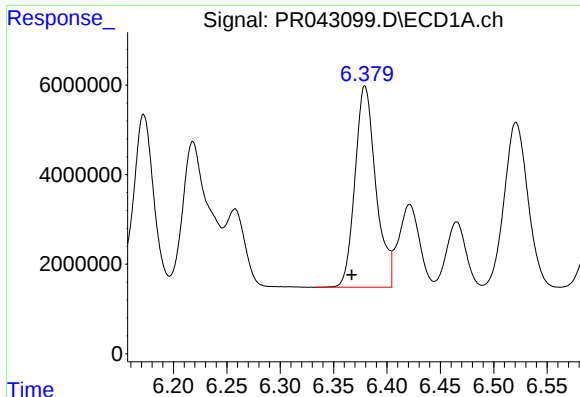
#22 AR-1248-2

R.T.: 6.172 min
Delta R.T.: 0.012 min
Response: 53110214
Conc: 403.00 ng/ml



#22 AR-1248-2

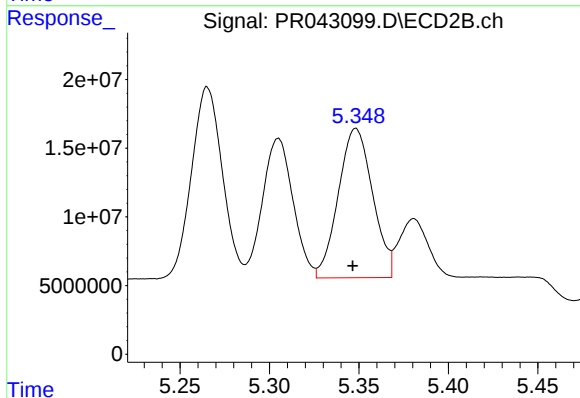
R.T.: 5.305 min
Delta R.T.: 0.002 min
Response: 121186497
Conc: 365.17 ng/ml



#23 AR-1248-3

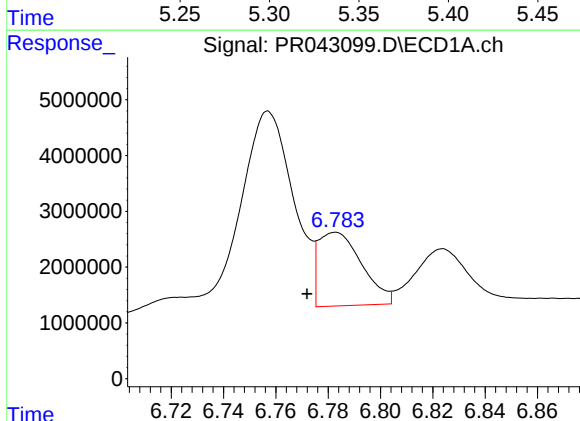
R.T.: 6.379 min
Delta R.T.: 0.012 min
Response: 61169614
Conc: 413.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



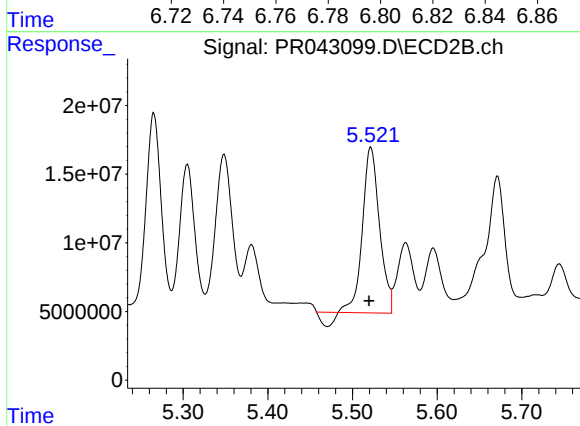
#23 AR-1248-3

R.T.: 5.348 min
Delta R.T.: 0.002 min
Response: 145344209
Conc: 442.91 ng/ml



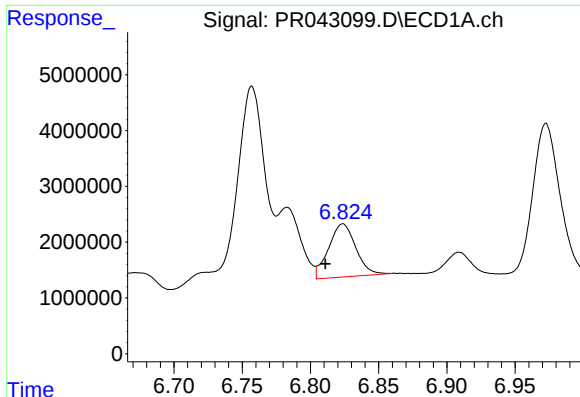
#24 AR-1248-4

R.T.: 6.783 min
Delta R.T.: 0.011 min
Response: 15198077
Conc: 89.00 ng/ml



#24 AR-1248-4

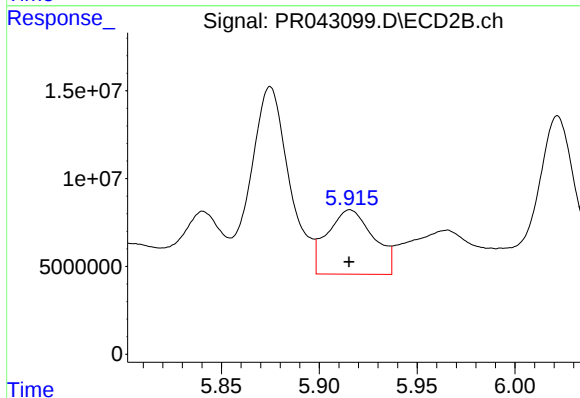
R.T.: 5.522 min
Delta R.T.: 0.002 min
Response: 163096857
Conc: 454.55 ng/ml



#25 AR-1248-5

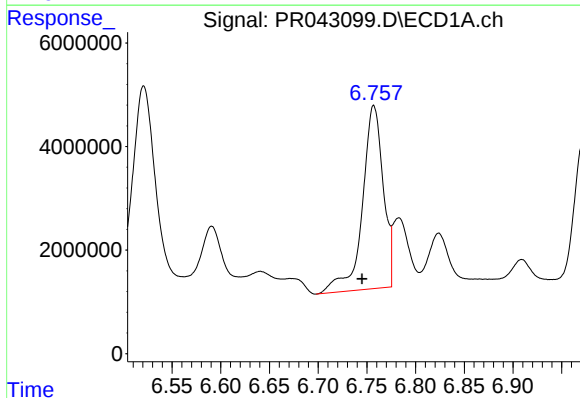
R.T.: 6.824 min
Delta R.T.: 0.013 min
Response: 13234938
Conc: 81.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



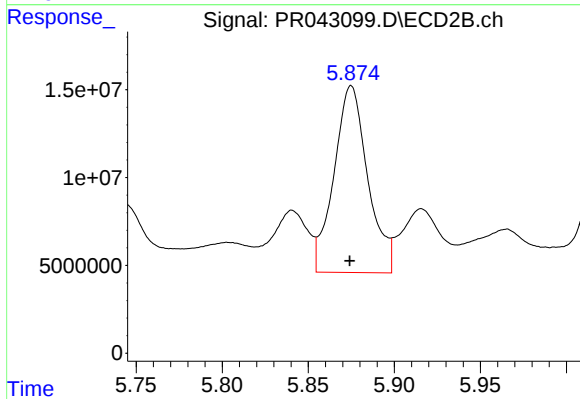
#25 AR-1248-5

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 60337569
Conc: 155.65 ng/ml



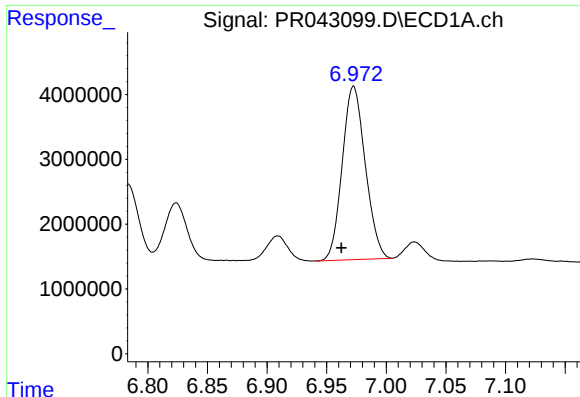
#26 AR-1254-1

R.T.: 6.757 min
Delta R.T.: 0.012 min
Response: 52798627
Conc: 282.85 ng/ml



#26 AR-1254-1

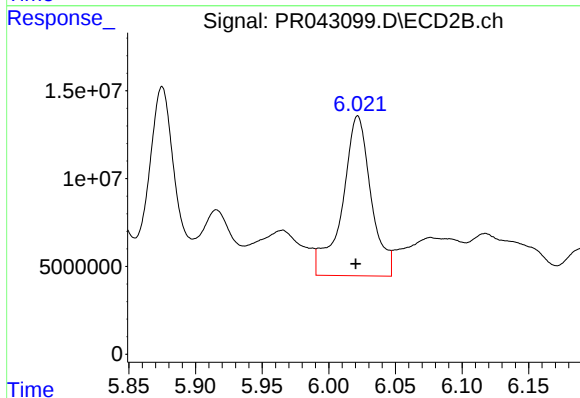
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 145487238
Conc: 230.87 ng/ml



#27 AR-1254-2

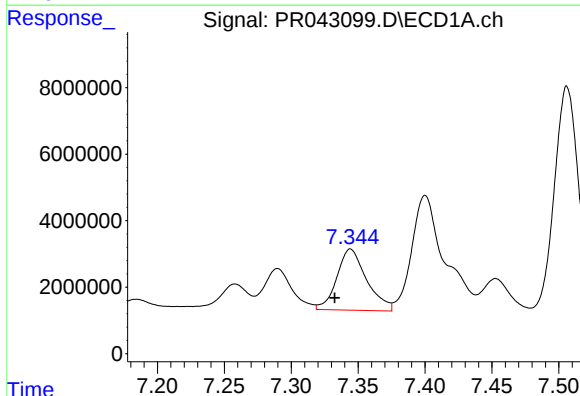
R.T.: 6.973 min
Delta R.T.: 0.010 min
Response: 36007362
Conc: 123.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



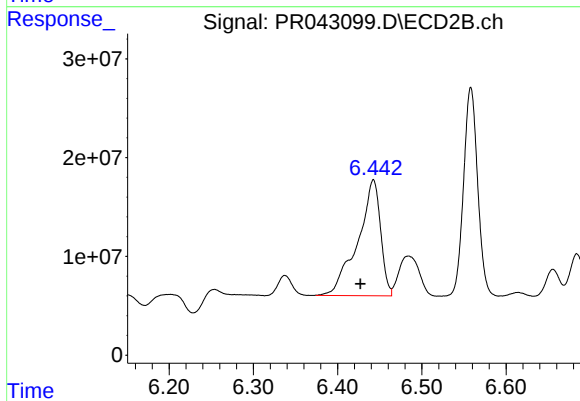
#27 AR-1254-2

R.T.: 6.022 min
Delta R.T.: 0.002 min
Response: 137016162
Conc: 234.52 ng/ml



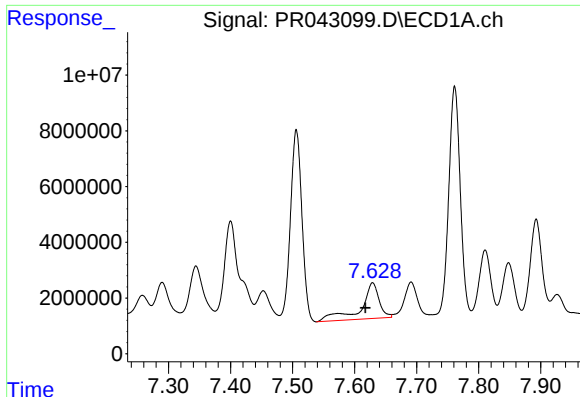
#28 AR-1254-3

R.T.: 7.344 min
Delta R.T.: 0.012 min
Response: 28476172
Conc: 90.42 ng/ml



#28 AR-1254-3

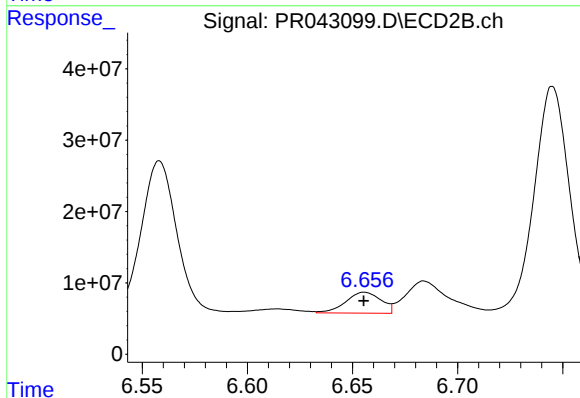
R.T.: 6.442 min
Delta R.T.: 0.015 min
Response: 221698150
Conc: 215.46 ng/ml



#29 AR-1254-4

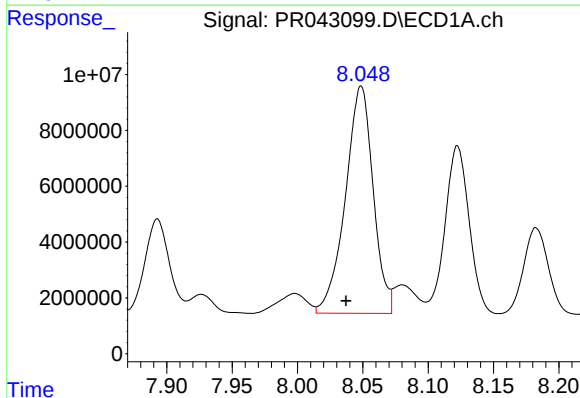
R.T.: 7.629 min
Delta R.T.: 0.011 min
Response: 26595136
Conc: 113.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



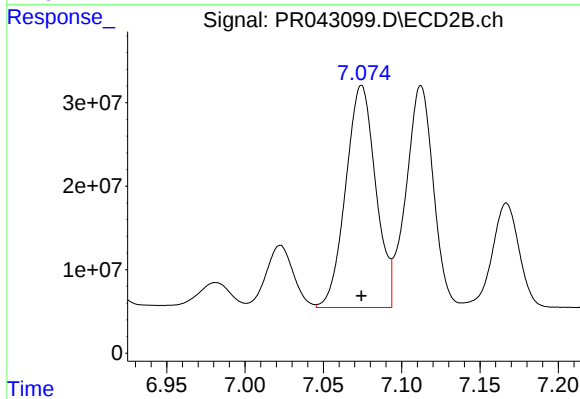
#29 AR-1254-4

R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 34423027
Conc: 45.14 ng/ml



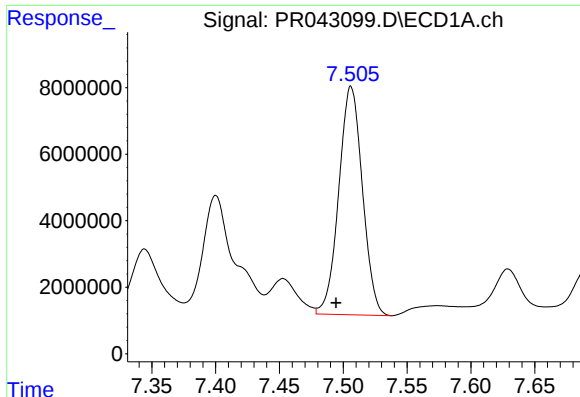
#30 AR-1254-5

R.T.: 8.049 min
Delta R.T.: 0.012 min
Response: 120490683
Conc: 479.24 ng/ml



#30 AR-1254-5

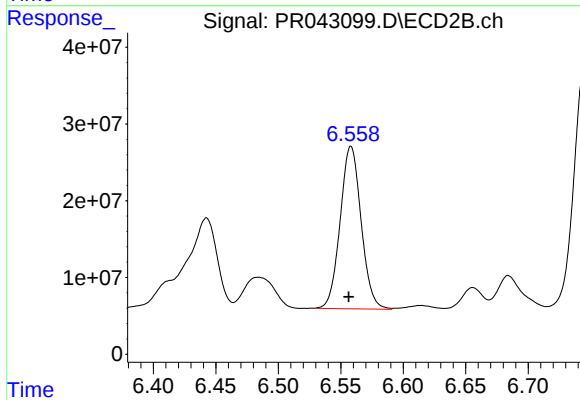
R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 354514898
Conc: 384.58 ng/ml



#31 AR-1260-1

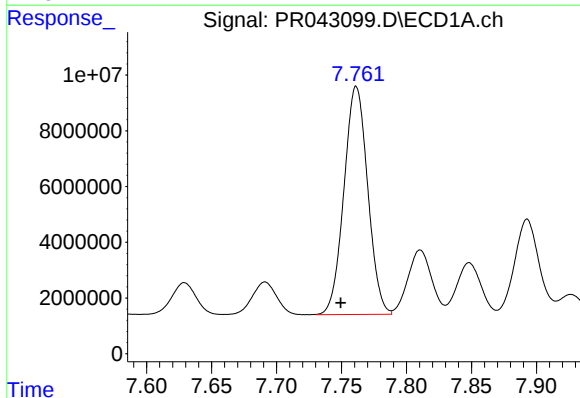
R.T.: 7.506 min
Delta R.T.: 0.012 min
Response: 88618985
Conc: 426.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



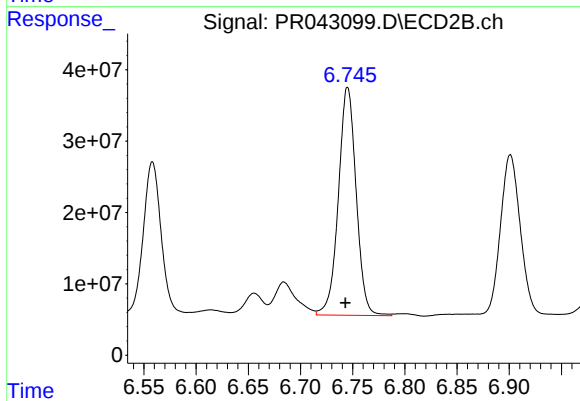
#31 AR-1260-1

R.T.: 6.558 min
Delta R.T.: 0.002 min
Response: 247588625
Conc: 408.50 ng/ml



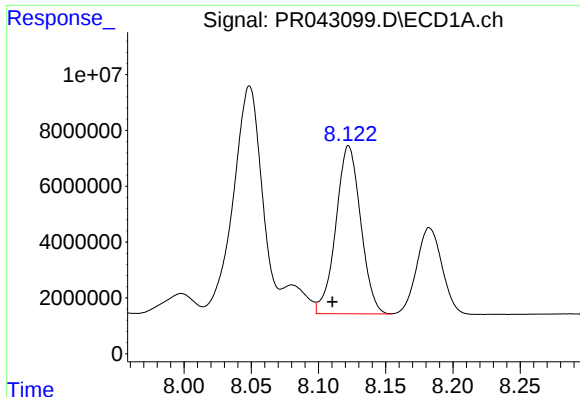
#32 AR-1260-2

R.T.: 7.761 min
Delta R.T.: 0.012 min
Response: 104282904
Conc: 426.54 ng/ml



#32 AR-1260-2

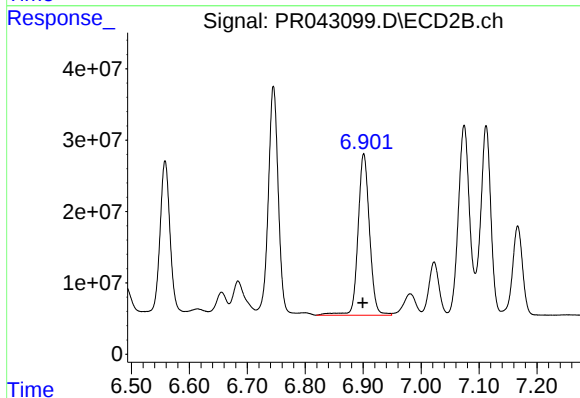
R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 379445785
Conc: 438.83 ng/ml



#33 AR-1260-3

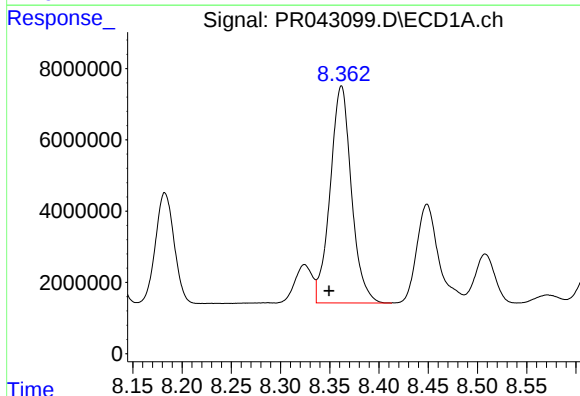
R.T.: 8.122 min
Delta R.T.: 0.012 min
Response: 77469042
Conc: 428.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



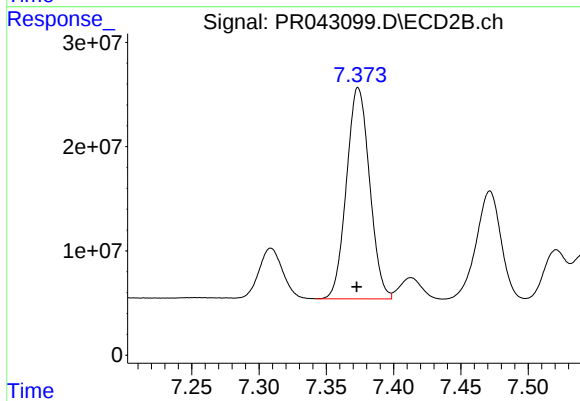
#33 AR-1260-3

R.T.: 6.901 min
Delta R.T.: 0.002 min
Response: 311282883
Conc: 438.31 ng/ml



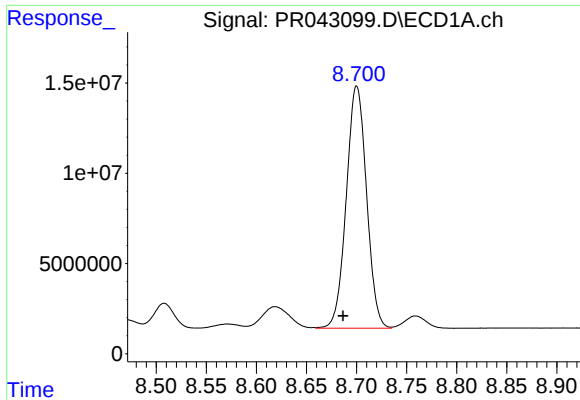
#34 AR-1260-4

R.T.: 8.362 min
Delta R.T.: 0.013 min
Response: 91514944
Conc: 438.52 ng/ml



#34 AR-1260-4

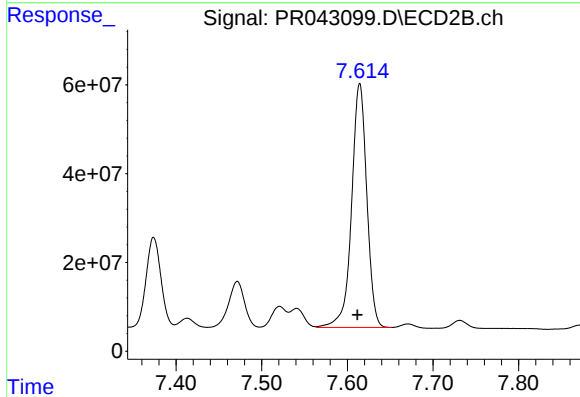
R.T.: 7.374 min
Delta R.T.: 0.001 min
Response: 242447788
Conc: 415.27 ng/ml



#35 AR-1260-5

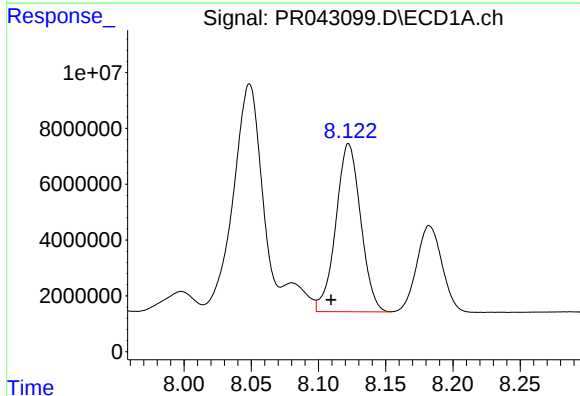
R.T.: 8.700 min
Delta R.T.: 0.014 min
Response: 189028718
Conc: 455.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



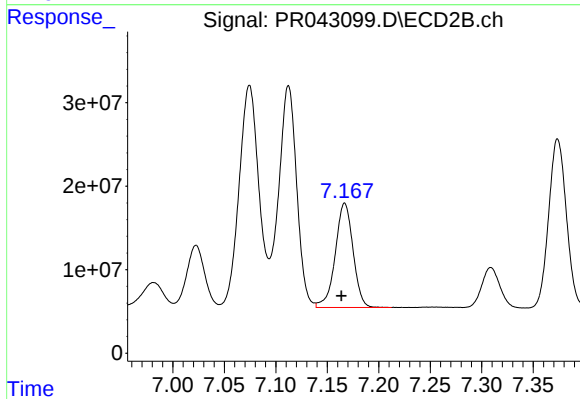
#35 AR-1260-5

R.T.: 7.615 min
Delta R.T.: 0.003 min
Response: 676871451
Conc: 419.56 ng/ml



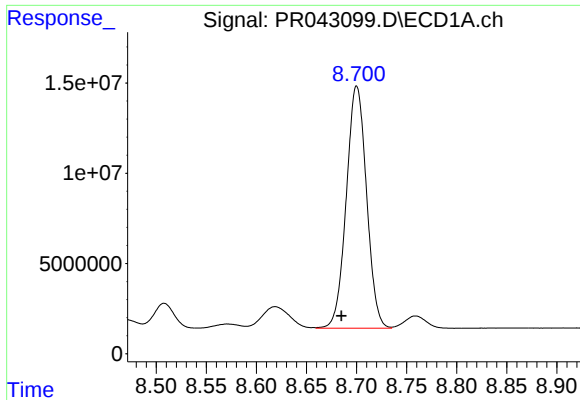
#36 AR-1262-1

R.T.: 8.122 min
Delta R.T.: 0.013 min
Response: 77469042
Conc: 262.53 ng/ml



#36 AR-1262-1

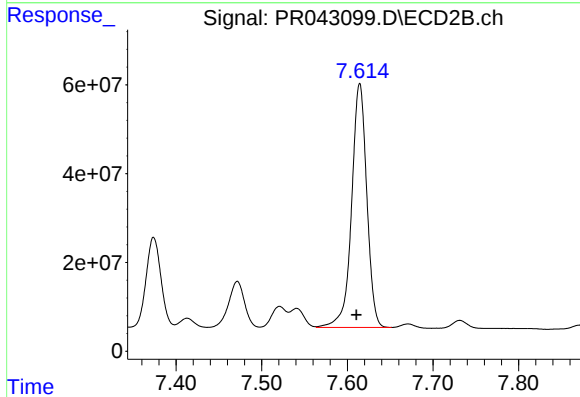
R.T.: 7.167 min
Delta R.T.: 0.003 min
Response: 150170816
Conc: 345.65 ng/ml



#37 AR-1262-2

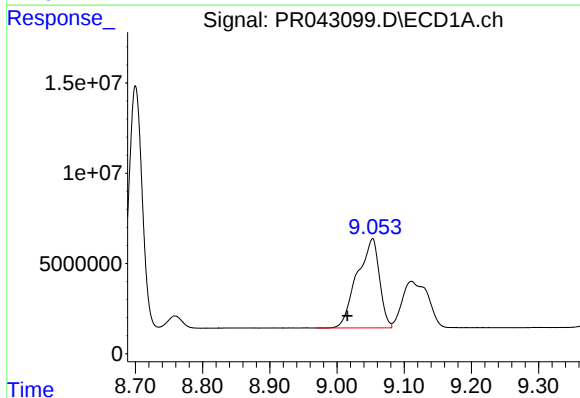
R.T.: 8.700 min
Delta R.T.: 0.015 min
Response: 189028718
Conc: 339.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



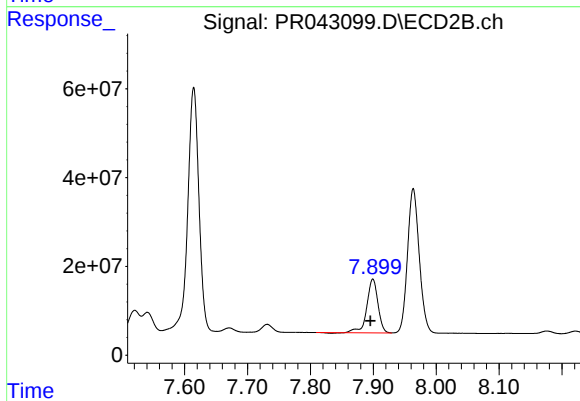
#37 AR-1262-2

R.T.: 7.615 min
Delta R.T.: 0.004 min
Response: 676871451
Conc: 323.88 ng/ml



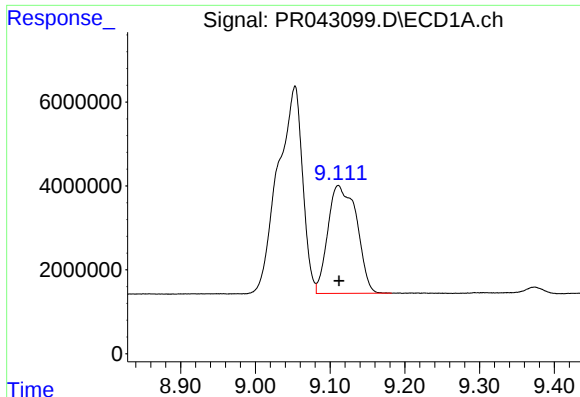
#38 AR-1262-3

R.T.: 9.053 min
Delta R.T.: 0.038 min
Response: 113769038
Conc: 318.36 ng/ml



#38 AR-1262-3

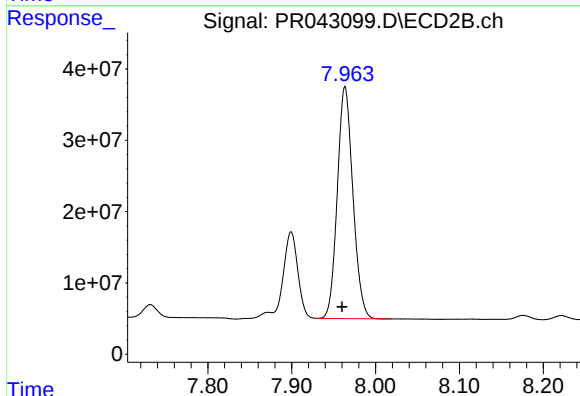
R.T.: 7.899 min
Delta R.T.: 0.004 min
Response: 147713948
Conc: 176.13 ng/ml



#39 AR-1262-4

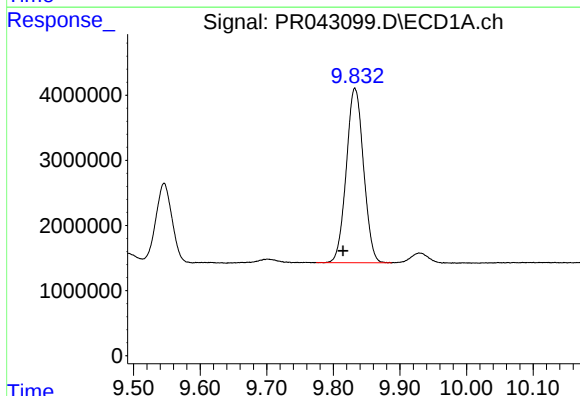
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 68826562
Conc: 507.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



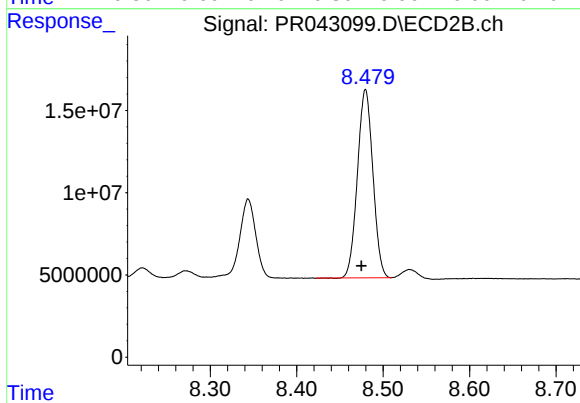
#39 AR-1262-4

R.T.: 7.964 min
Delta R.T.: 0.004 min
Response: 421529298
Conc: 298.81 ng/ml



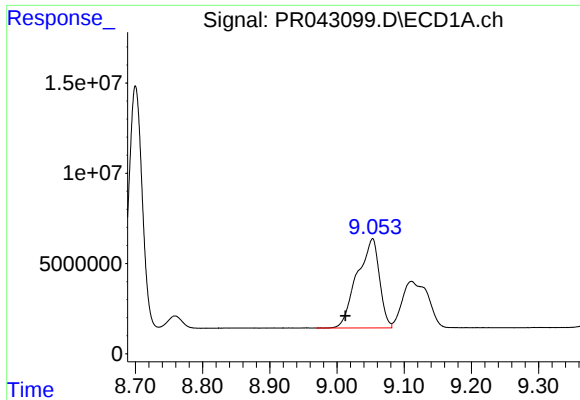
#40 AR-1262-5

R.T.: 9.832 min
Delta R.T.: 0.018 min
Response: 48155766
Conc: 262.92 ng/ml



#40 AR-1262-5

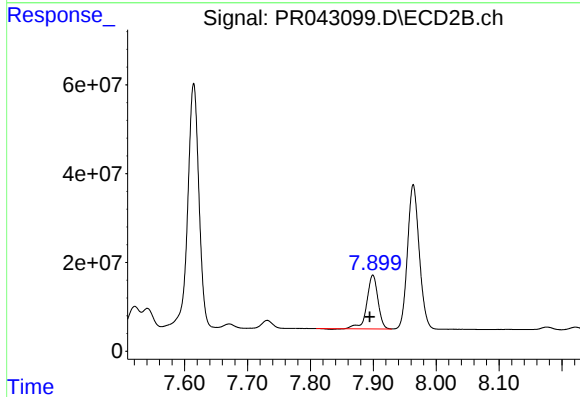
R.T.: 8.480 min
Delta R.T.: 0.005 min
Response: 142202429
Conc: 218.51 ng/ml



#41 AR-1268-1

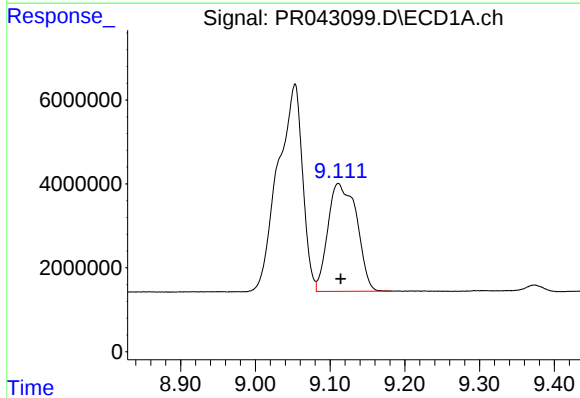
R.T.: 9.053 min
Delta R.T.: 0.040 min
Response: 113769038
Conc: 179.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



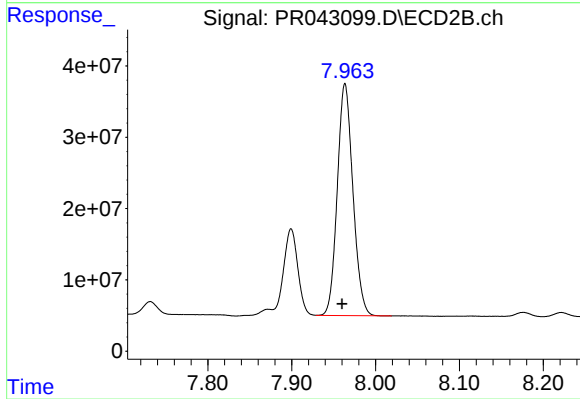
#41 AR-1268-1

R.T.: 7.899 min
Delta R.T.: 0.005 min
Response: 147713948
Conc: 60.83 ng/ml



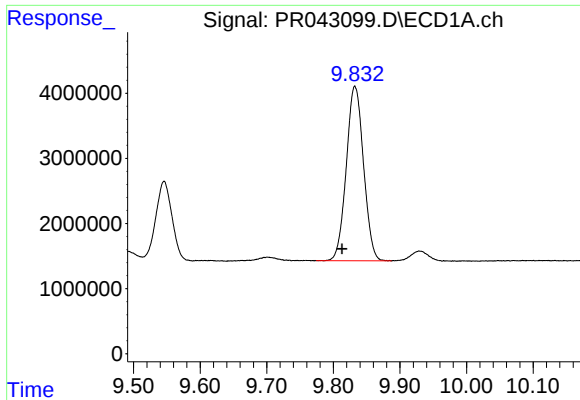
#42 AR-1268-2

R.T.: 9.111 min
Delta R.T.: -0.003 min
Response: 68826562
Conc: 119.56 ng/ml



#42 AR-1268-2

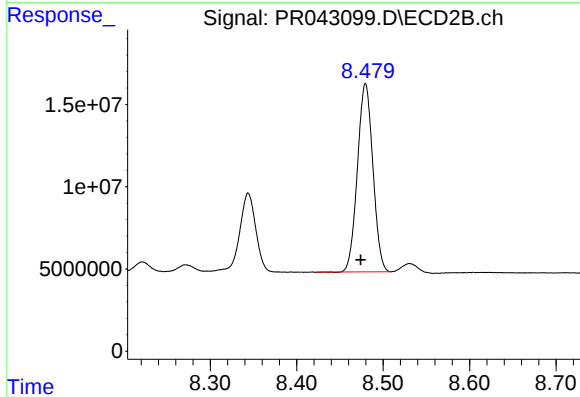
R.T.: 7.964 min
Delta R.T.: 0.003 min
Response: 421529298
Conc: 196.21 ng/ml



#44 AR-1268-4

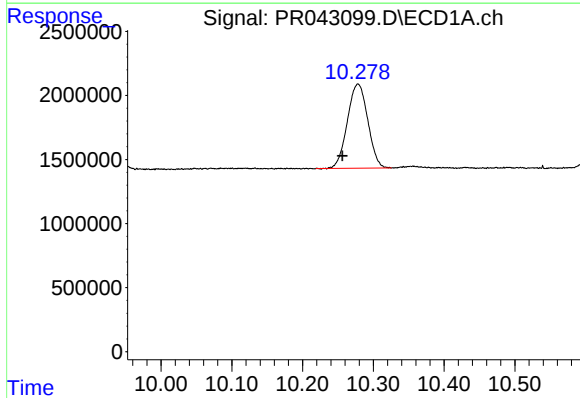
R.T.: 9.832 min
Delta R.T.: 0.019 min
Response: 48155766
Conc: 234.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



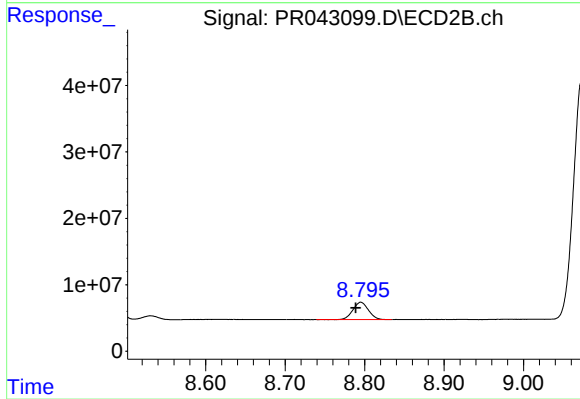
#44 AR-1268-4

R.T.: 8.480 min
Delta R.T.: 0.006 min
Response: 142202429
Conc: 196.15 ng/ml



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: 0.022 min
Response: 13175188
Conc: 8.42 ng/ml



#45 AR-1268-5

R.T.: 8.795 min
Delta R.T.: 0.006 min
Response: 35533355
Conc: 6.90 ng/ml