

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010923\
 Data File : PP054331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2023 16:54
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 20:46:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 2023
 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...	4.338	3.587	110.3E6	81934284	54.446	50.796
2)	SA Decachlor...	10.102	8.611	67589779	71643873	47.062	50.788
Target Compounds							
3)	L1 AR-1016-1	5.510	4.673	26954396	19465618	364.757	374.106
4)	L1 AR-1016-2	5.532	4.692	38175544	26900973	357.721	375.593
5)	L1 AR-1016-3	5.594	4.869	23774616	14714325	347.515	375.098
6)	L1 AR-1016-4	5.693	4.911	17338223	12645339	333.014	367.449
7)	L1 AR-1016-5	5.989	5.125	16387011	16659274	361.930	378.901
8)	L2 AR-1221-1	4.543	3.799	3137281	2302651	130.480	120.505
9)	L2 AR-1221-2	4.634	3.886	4669404	3534100	263.556	239.685
10)	L2 AR-1221-3	4.710	3.962	16463012	12498588	305.446	281.402
11)	L3 AR-1232-1	4.710	3.962	16463012	12498588	365.995	335.818
12)	L3 AR-1232-2	5.240	4.692	22682424	26900973	869.249	501.927 #
13)	L3 AR-1232-3	5.532	4.869	38175544	14714325	829.915	886.266
14)	L3 AR-1232-4	5.693	4.953	17338223	15625579	774.289	931.466
15)	L3 AR-1232-5	5.785	5.125	14161733	16659274	795.780	922.702
16)	L4 AR-1242-1	5.510	4.673	26954396	19465618	453.951	461.079
17)	L4 AR-1242-2	5.532	4.692	38175544	26900973	446.531	462.070
18)	L4 AR-1242-3	5.594	4.869	23774616	14714325	435.132	460.097
19)	L4 AR-1242-4	5.693	4.953	17338223	15625579	413.690	447.926
20)	L4 AR-1242-5	6.433	5.477	15171186	18210853	462.192	484.020
21)	L5 AR-1248-1	5.510	4.673	26954396	19465618	600.365	598.417
22)	L5 AR-1248-2	5.785	4.911	14161733	12645339	222.887	256.061
23)	L5 AR-1248-3	5.989	4.953	16387011	15625579	276.458	302.790
24)	L5 AR-1248-4	6.394	5.125	15051954	16659274	259.840	282.285
25)	L5 AR-1248-5	6.433	5.518	15171186	13899365	273.428	280.260
26)	L6 AR-1254-1	6.367	5.477	12141580	18210853	195.407	212.357
27)	L6 AR-1254-2	6.591	5.626	14643836	5949542	156.040	80.085 #
28)	L6 AR-1254-3	6.956	6.031	7046478	7631605	74.231	65.749
29)	L6 AR-1254-4	7.243	6.261	4801465	4516118	70.782	71.740
30)	L6 AR-1254-5	7.664	6.681	2630398	2957768	34.602	30.933
31)	L7 AR-1260-1	7.122	6.175	1411836	4230556	18.111	49.941 #
32)	L7 AR-1260-2	7.379	6.351	1914890	1491722	21.379	15.597 #
33)	L7 AR-1260-3	7.722f	6.504	398906	1610744	5.837	17.622 #
34)	L7 AR-1260-4	7.953	6.978	1514690	158495	19.012	2.091 #
35)	L7 AR-1260-5	8.287	7.221	419683	338692	2.926	2.138 #
36)	L8 AR-1262-1	7.722f	6.773	398906	53334	4.742	1.306 #
37)	L8 AR-1262-2	8.287	6.978	419683	158495	2.966	1.831 #
38)	L8 AR-1262-3	8.611	0.000	264201	0	2.551	N.D. #
39)	L8 AR-1262-4	8.699	7.569	51245	371399	1.012	3.174 #
40)	L8 AR-1262-5	9.362f	8.066	144297	32277	2.569	0.586 #
41)	L9 AR-1268-1	8.611f	0.000	264201	0	1.355	N.D. #

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 Data File : PP054331.D
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 Acq On : 09 Jan 2023 16:54
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

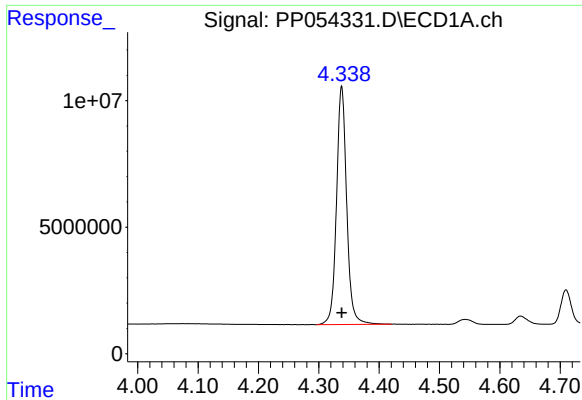
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 20:46:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.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	8.699	7.569	51245	371399	0.290	2.016 #
43) L9	AR-1268-3	8.912	7.782	82983	186700	0.535	1.092 #
44) L9	AR-1268-4	9.362f	8.066	144297	32277	2.109	0.511 #
45) L9	AR-1268-5	9.758	8.356	545542	366177	1.070	0.748 #

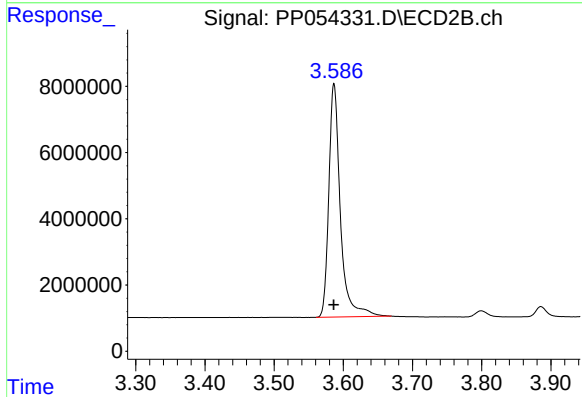
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

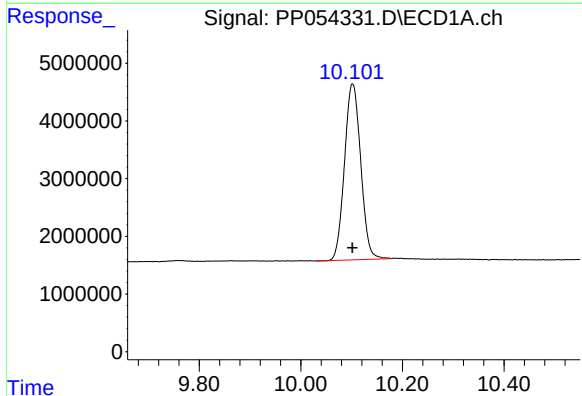
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 110256992
Conc: 54.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



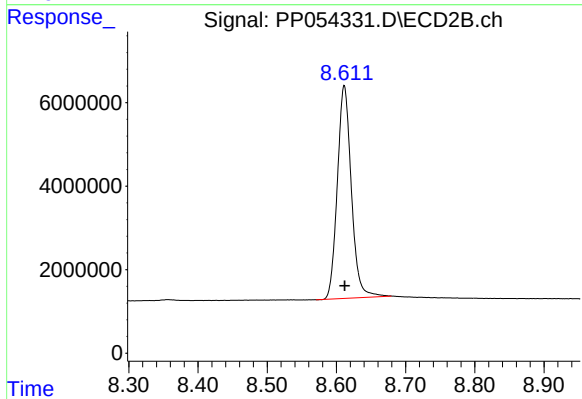
#1 Tetrachloro-m-xylene

R.T.: 3.587 min
Delta R.T.: 0.000 min
Response: 81934284
Conc: 50.80 ng/ml



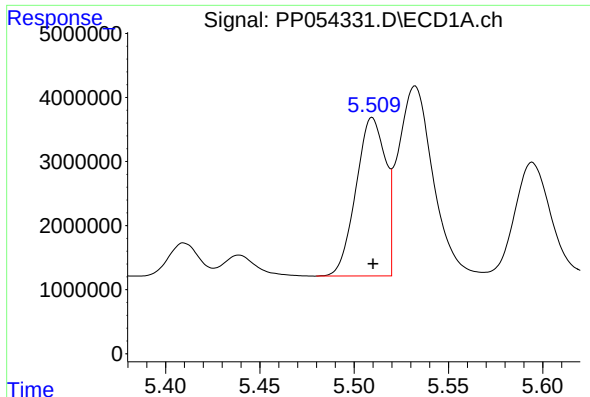
#2 Decachlorobiphenyl

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 67589779
Conc: 47.06 ng/ml



#2 Decachlorobiphenyl

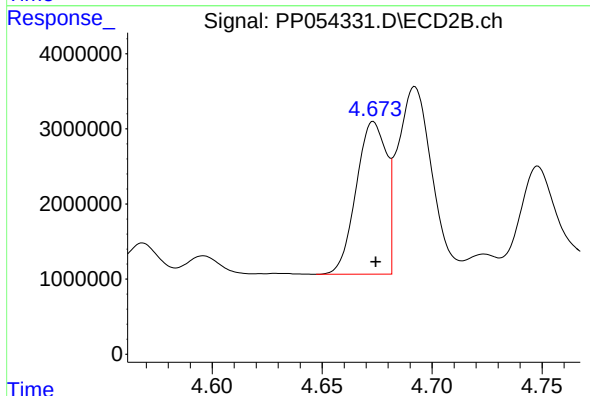
R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 71643873
Conc: 50.79 ng/ml



#3 AR-1016-1

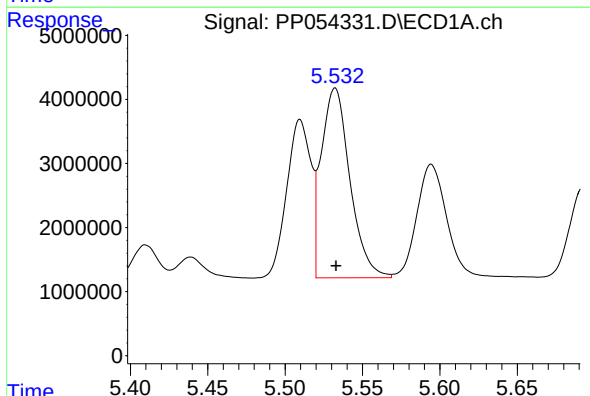
R.T.: 5.510 min
Delta R.T.: 0.000 min
Response: 26954396
Conc: 364.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



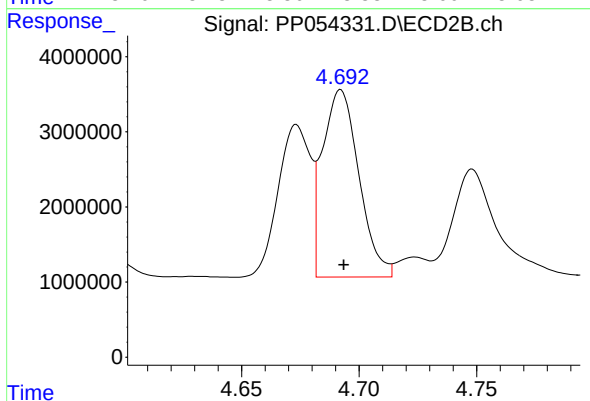
#3 AR-1016-1

R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 19465618
Conc: 374.11 ng/ml



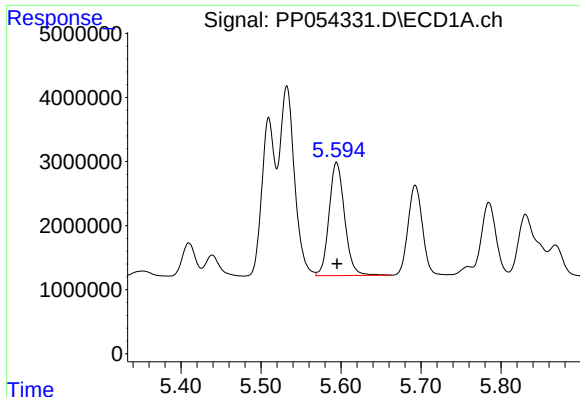
#4 AR-1016-2

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 38175544
Conc: 357.72 ng/ml



#4 AR-1016-2

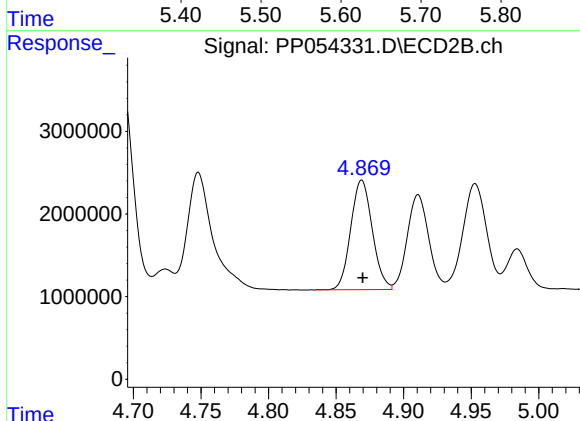
R.T.: 4.692 min
Delta R.T.: -0.001 min
Response: 26900973
Conc: 375.59 ng/ml



#5 AR-1016-3

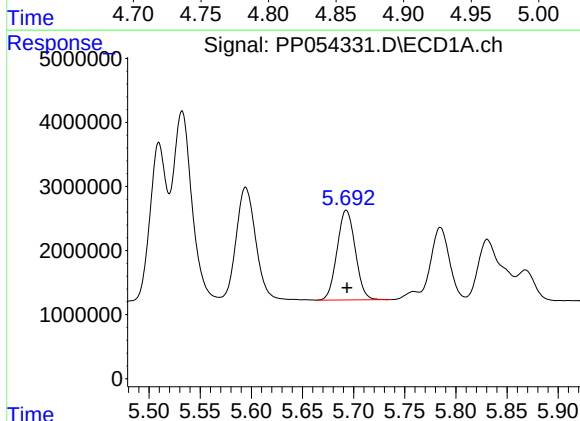
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 23774616
Conc: 347.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



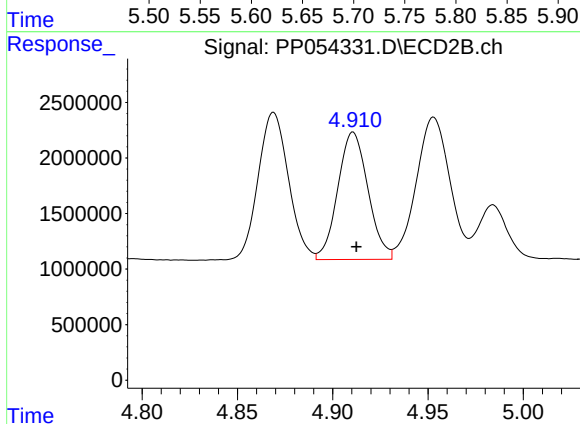
#5 AR-1016-3

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 14714325
Conc: 375.10 ng/ml



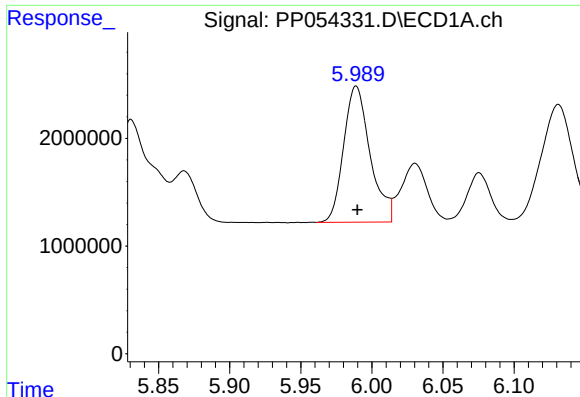
#6 AR-1016-4

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 17338223
Conc: 333.01 ng/ml



#6 AR-1016-4

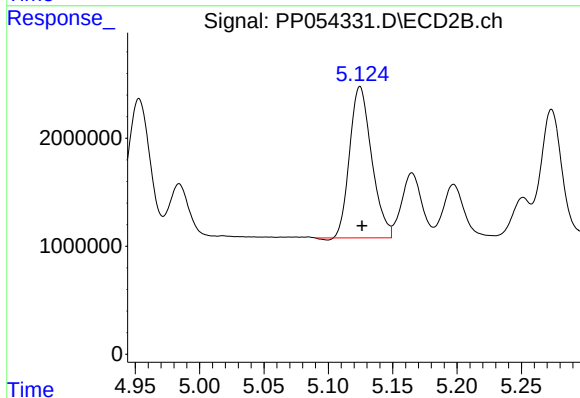
R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 12645339
Conc: 367.45 ng/ml



#7 AR-1016-5

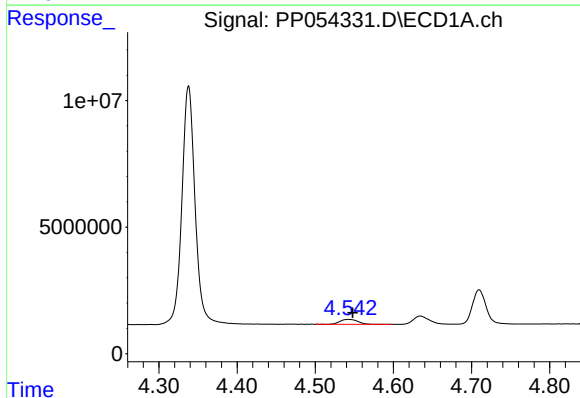
R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 16387011
Conc: 361.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



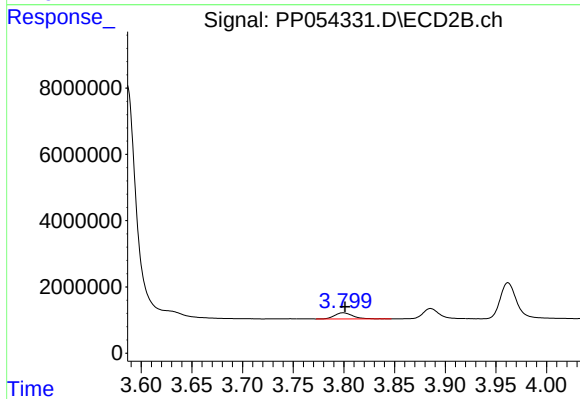
#7 AR-1016-5

R.T.: 5.125 min
Delta R.T.: -0.002 min
Response: 16659274
Conc: 378.90 ng/ml



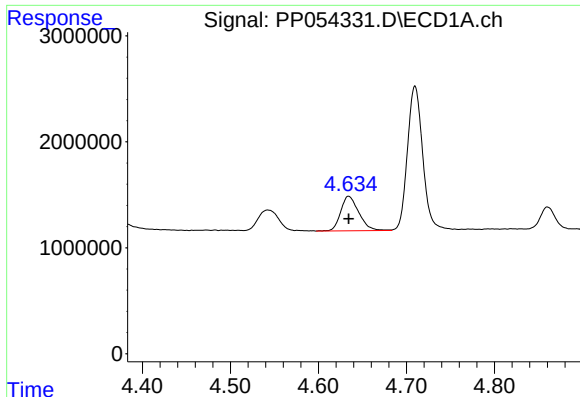
#8 AR-1221-1

R.T.: 4.543 min
Delta R.T.: -0.005 min
Response: 3137281
Conc: 130.48 ng/ml



#8 AR-1221-1

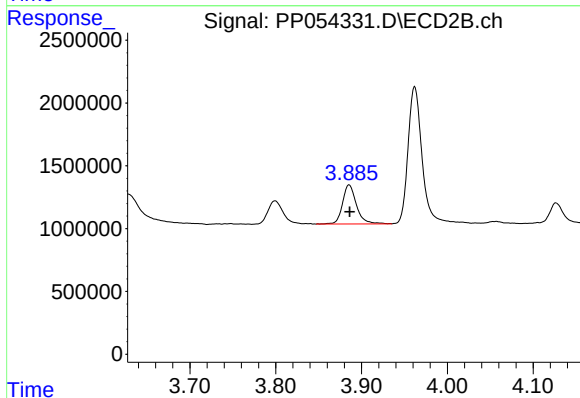
R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 2302651
Conc: 120.51 ng/ml



#9 AR-1221-2

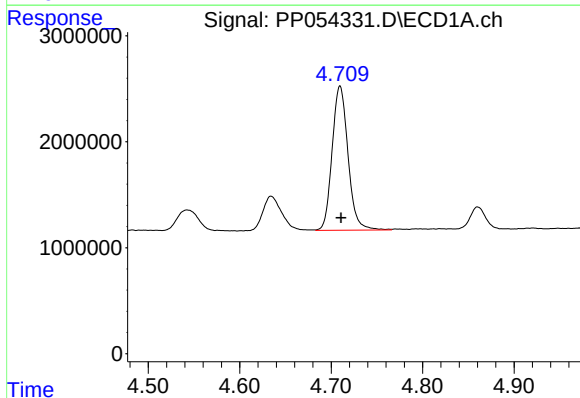
R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 4669404
Conc: 263.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



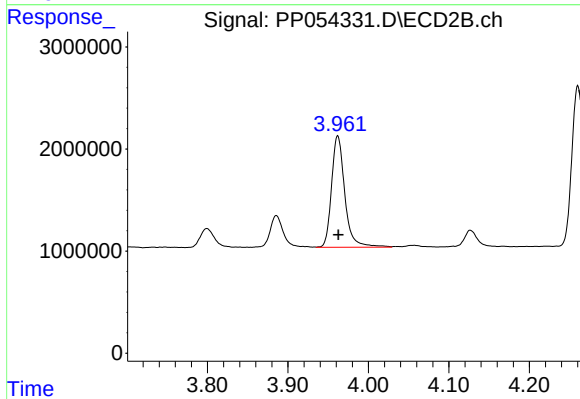
#9 AR-1221-2

R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 3534100
Conc: 239.68 ng/ml



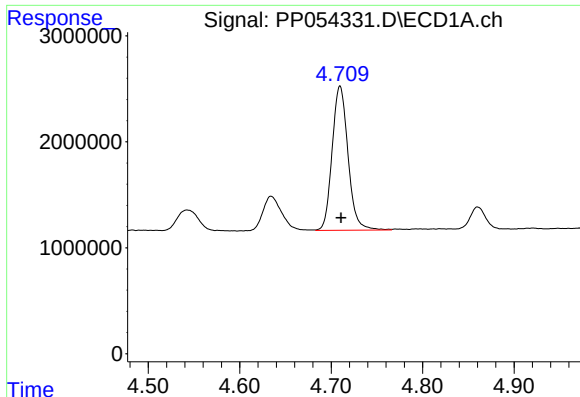
#10 AR-1221-3

R.T.: 4.710 min
Delta R.T.: -0.001 min
Response: 16463012
Conc: 305.45 ng/ml



#10 AR-1221-3

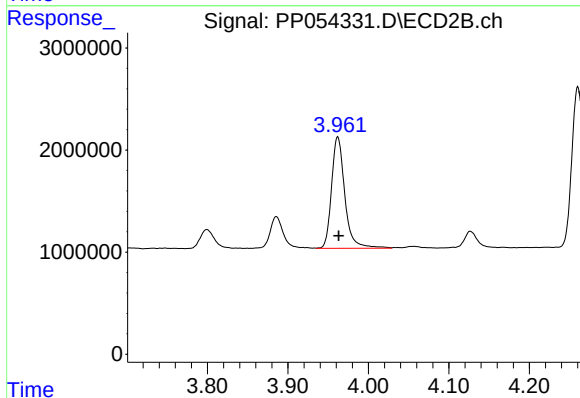
R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 12498588
Conc: 281.40 ng/ml



#11 AR-1232-1

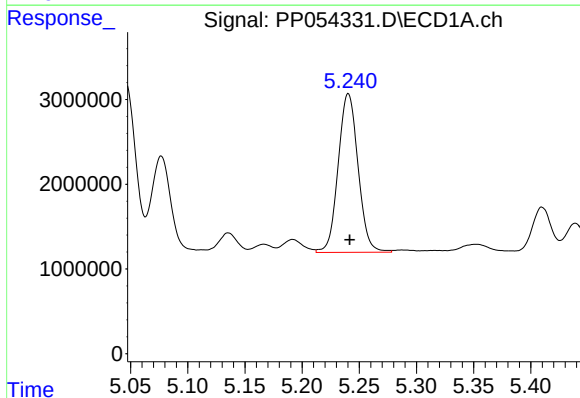
R.T.: 4.710 min
Delta R.T.: -0.001 min
Response: 16463012
Conc: 365.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



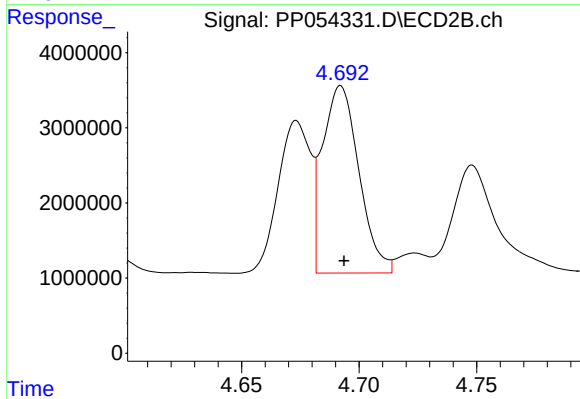
#11 AR-1232-1

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 12498588
Conc: 335.82 ng/ml



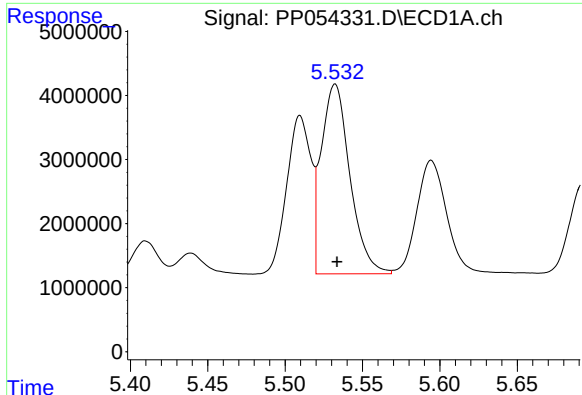
#12 AR-1232-2

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 22682424
Conc: 869.25 ng/ml



#12 AR-1232-2

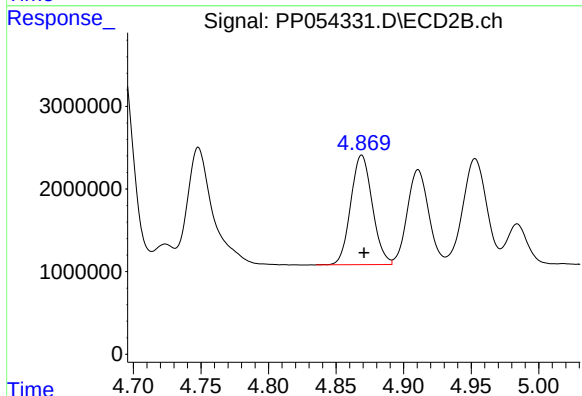
R.T.: 4.692 min
Delta R.T.: -0.001 min
Response: 26900973
Conc: 501.93 ng/ml



#13 AR-1232-3

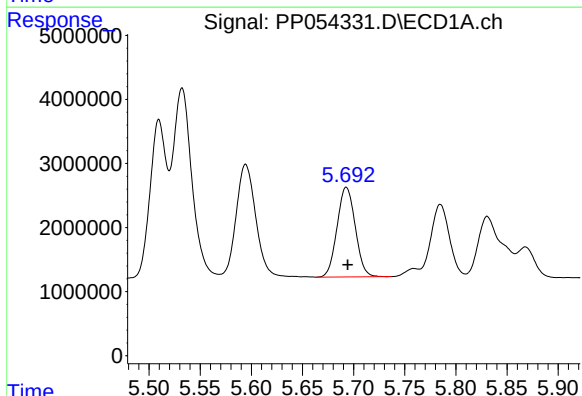
R.T.: 5.532 min
Delta R.T.: -0.001 min
Response: 38175544
Conc: 829.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



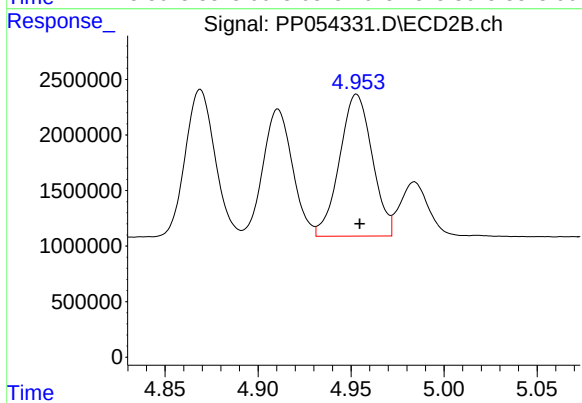
#13 AR-1232-3

R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 14714325
Conc: 886.27 ng/ml



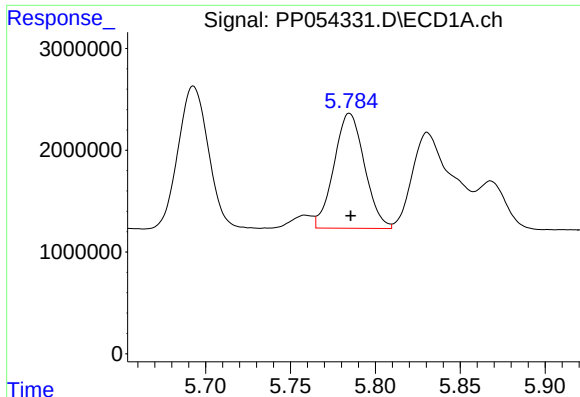
#14 AR-1232-4

R.T.: 5.693 min
Delta R.T.: -0.001 min
Response: 17338223
Conc: 774.29 ng/ml



#14 AR-1232-4

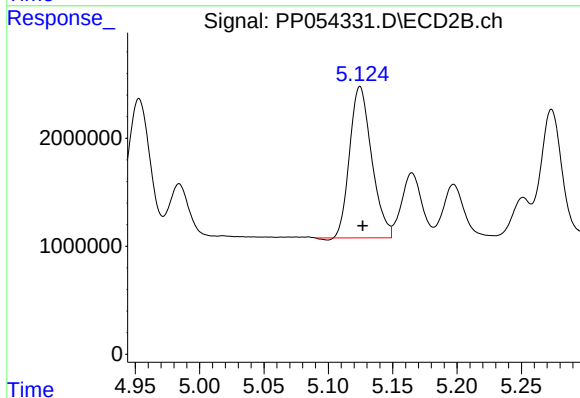
R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 15625579
Conc: 931.47 ng/ml



#15 AR-1232-5

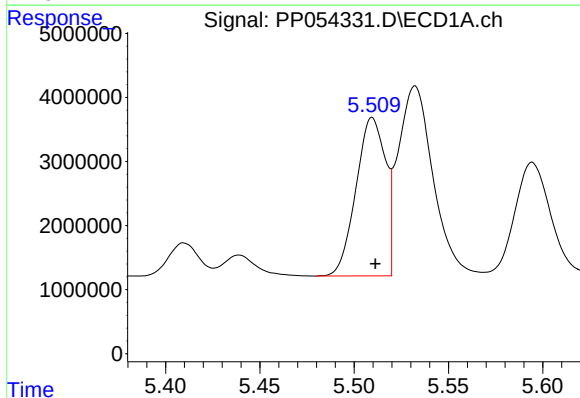
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 14161733
Conc: 795.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



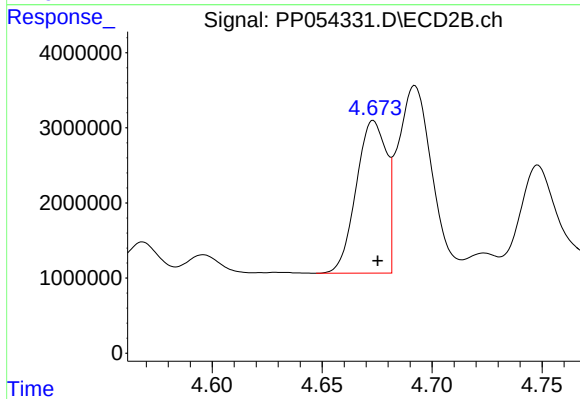
#15 AR-1232-5

R.T.: 5.125 min
Delta R.T.: -0.002 min
Response: 16659274
Conc: 922.70 ng/ml



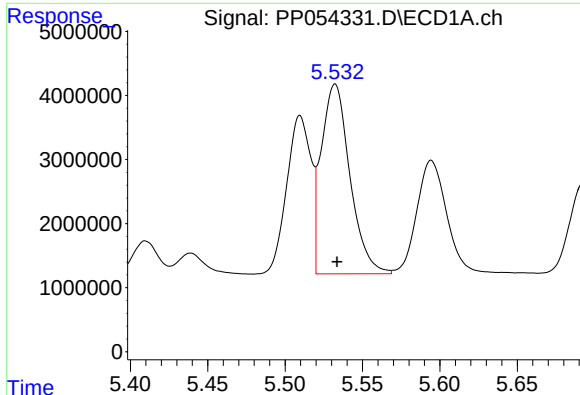
#16 AR-1242-1

R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 26954396
Conc: 453.95 ng/ml



#16 AR-1242-1

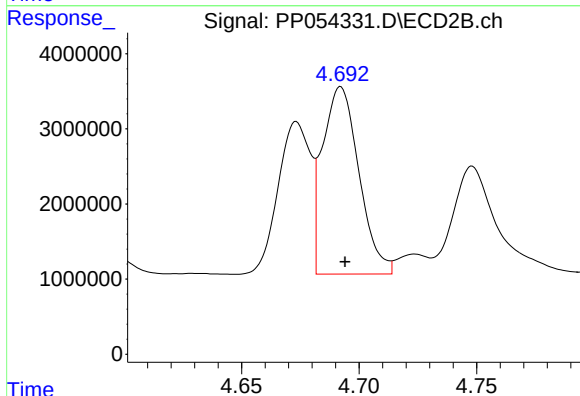
R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 19465618
Conc: 461.08 ng/ml



#17 AR-1242-2

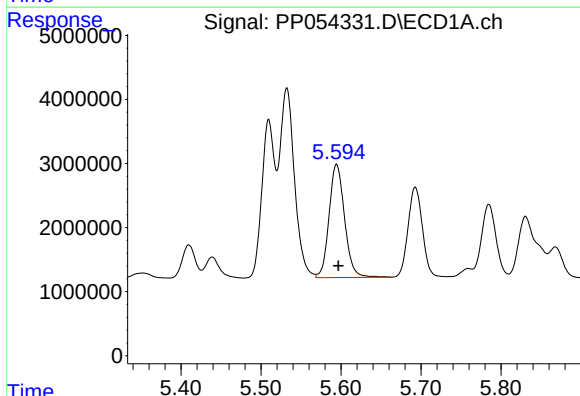
R.T.: 5.532 min
Delta R.T.: -0.001 min
Response: 38175544
Conc: 446.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



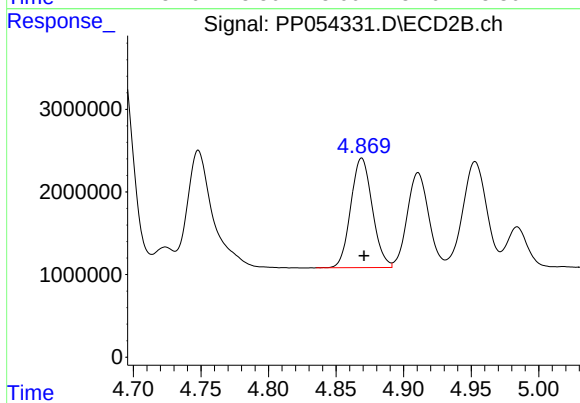
#17 AR-1242-2

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 26900973
Conc: 462.07 ng/ml



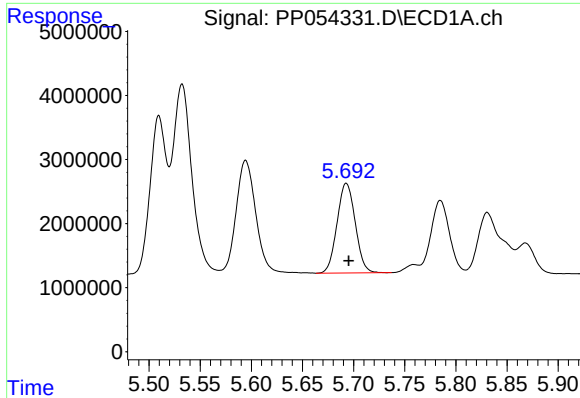
#18 AR-1242-3

R.T.: 5.594 min
Delta R.T.: -0.002 min
Response: 23774616
Conc: 435.13 ng/ml



#18 AR-1242-3

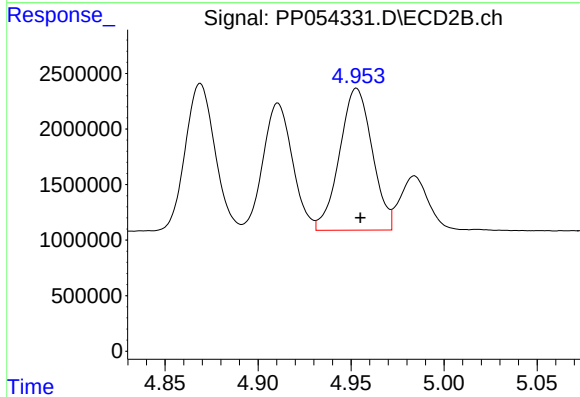
R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 14714325
Conc: 460.10 ng/ml



#19 AR-1242-4

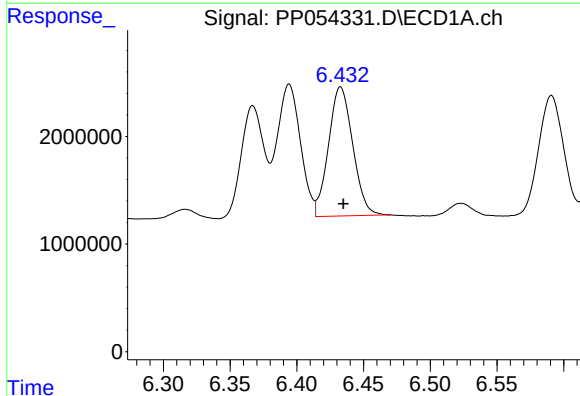
R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 17338223
Conc: 413.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



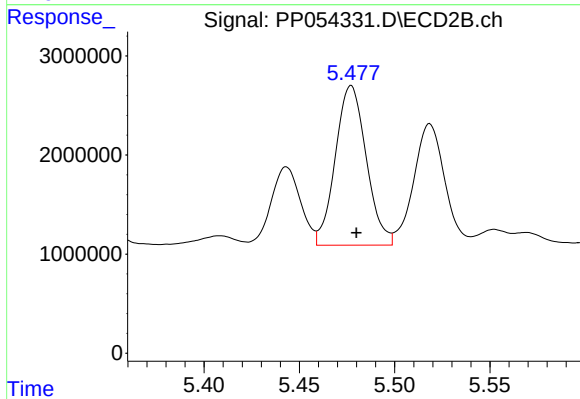
#19 AR-1242-4

R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 15625579
Conc: 447.93 ng/ml



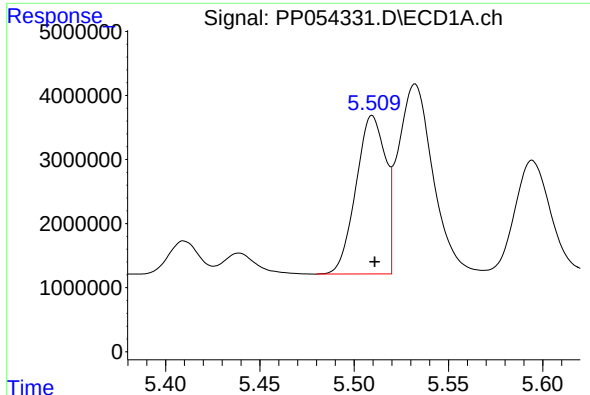
#20 AR-1242-5

R.T.: 6.433 min
Delta R.T.: -0.002 min
Response: 15171186
Conc: 462.19 ng/ml



#20 AR-1242-5

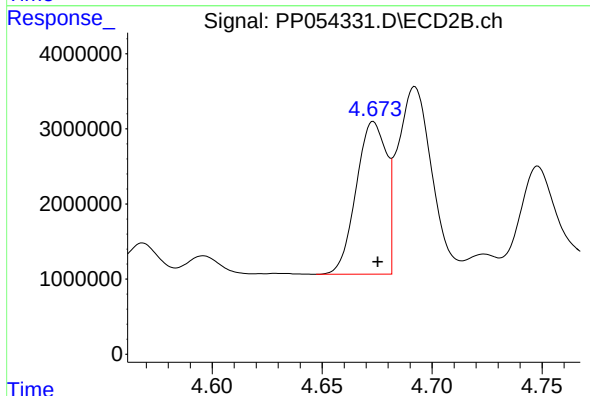
R.T.: 5.477 min
Delta R.T.: -0.003 min
Response: 18210853
Conc: 484.02 ng/ml



#21 AR-1248-1

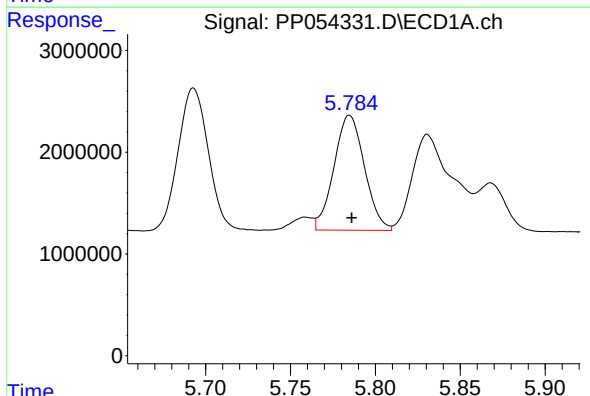
R.T.: 5.510 min
Delta R.T.: -0.001 min
Response: 26954396
Conc: 600.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



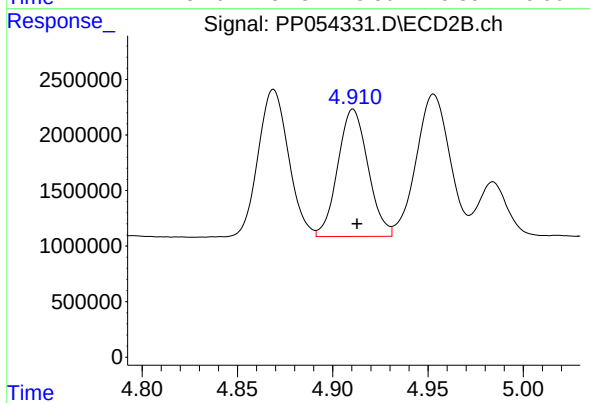
#21 AR-1248-1

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 19465618
Conc: 598.42 ng/ml



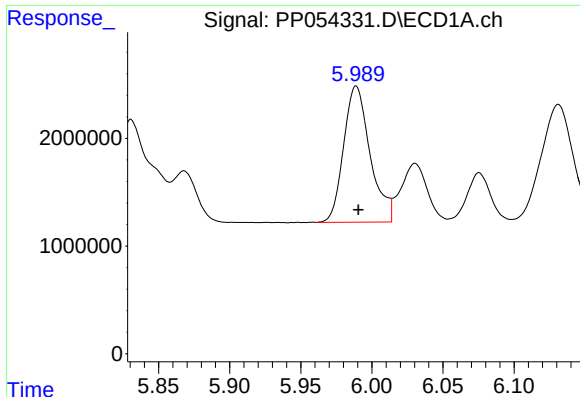
#22 AR-1248-2

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 14161733
Conc: 222.89 ng/ml



#22 AR-1248-2

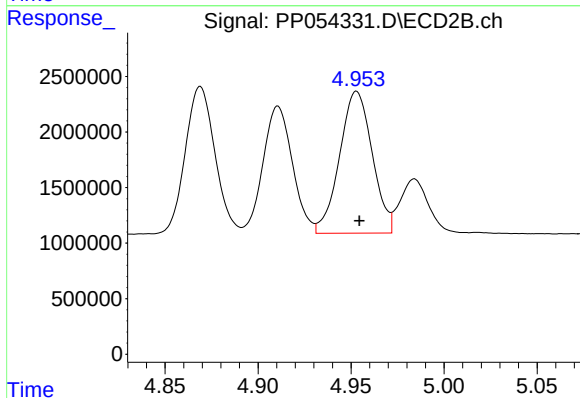
R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 12645339
Conc: 256.06 ng/ml



#23 AR-1248-3

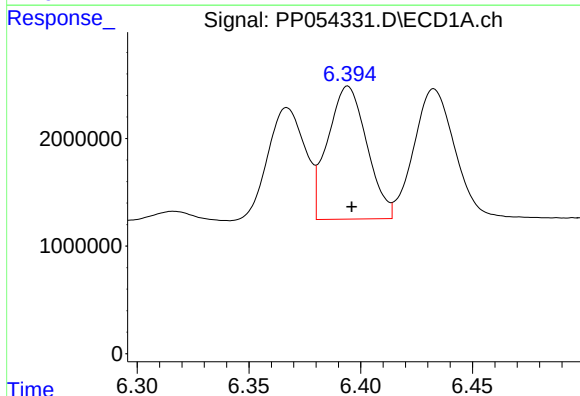
R.T.: 5.989 min
Delta R.T.: -0.002 min
Response: 16387011
Conc: 276.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



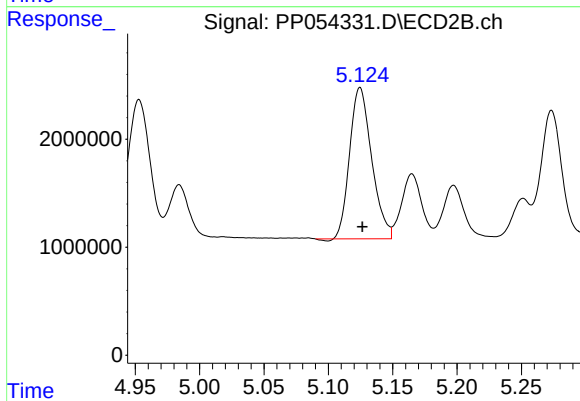
#23 AR-1248-3

R.T.: 4.953 min
Delta R.T.: -0.001 min
Response: 15625579
Conc: 302.79 ng/ml



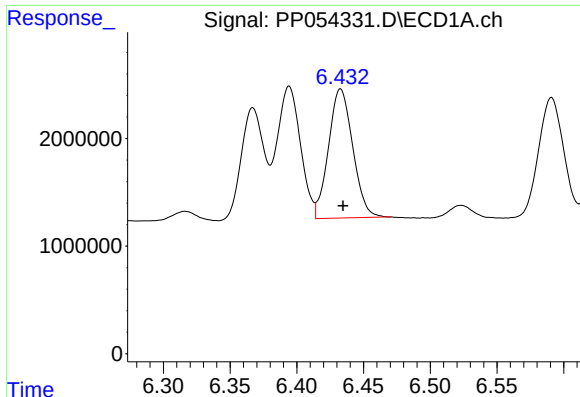
#24 AR-1248-4

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 15051954
Conc: 259.84 ng/ml



#24 AR-1248-4

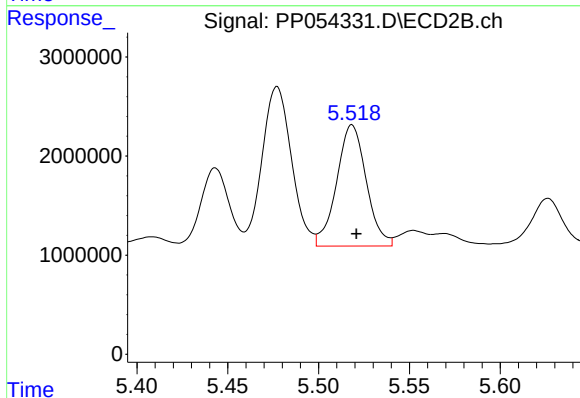
R.T.: 5.125 min
Delta R.T.: -0.002 min
Response: 16659274
Conc: 282.28 ng/ml



#25 AR-1248-5

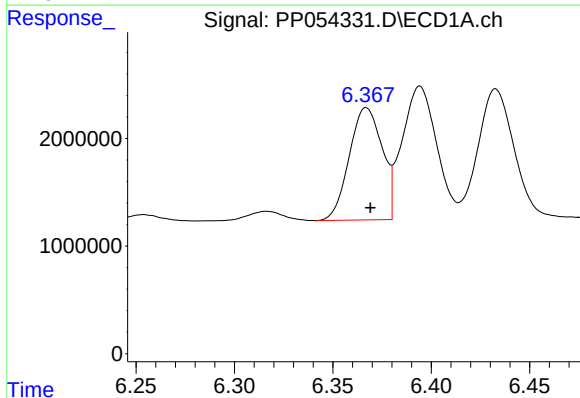
R.T.: 6.433 min
Delta R.T.: -0.002 min
Response: 15171186
Conc: 273.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



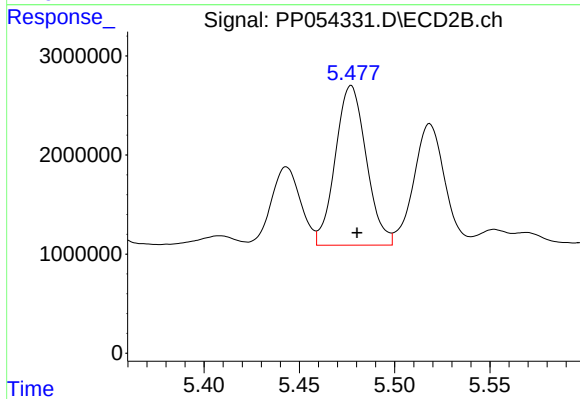
#25 AR-1248-5

R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 13899365
Conc: 280.26 ng/ml



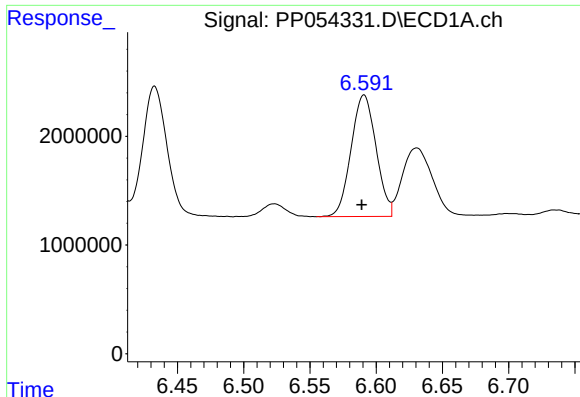
#26 AR-1254-1

R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 12141580
Conc: 195.41 ng/ml



#26 AR-1254-1

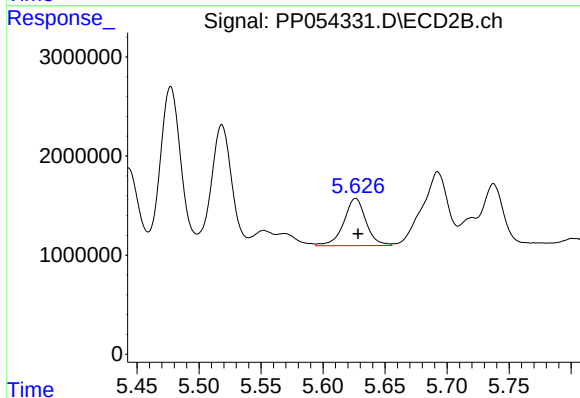
R.T.: 5.477 min
Delta R.T.: -0.003 min
Response: 18210853
Conc: 212.36 ng/ml



#27 AR-1254-2

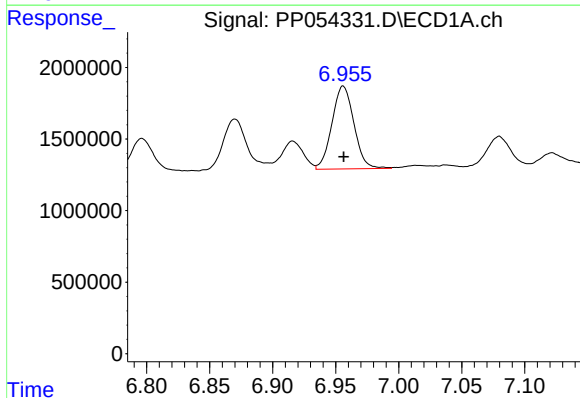
R.T.: 6.591 min
Delta R.T.: 0.002 min
Response: 14643836
Conc: 156.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



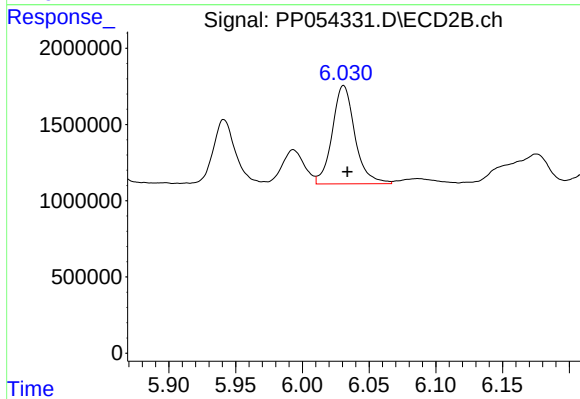
#27 AR-1254-2

R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 5949542
Conc: 80.08 ng/ml



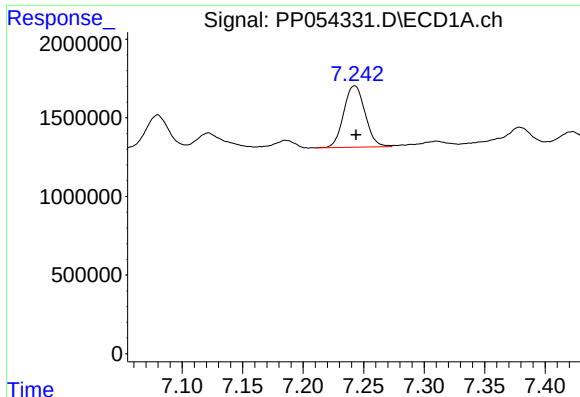
#28 AR-1254-3

R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 7046478
Conc: 74.23 ng/ml



#28 AR-1254-3

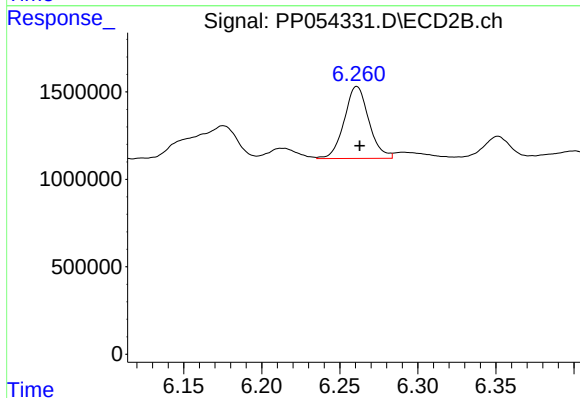
R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 7631605
Conc: 65.75 ng/ml



#29 AR-1254-4

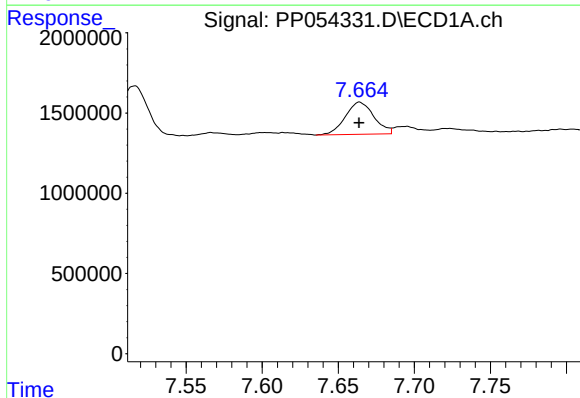
R.T.: 7.243 min
Delta R.T.: -0.001 min
Response: 4801465
Conc: 70.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



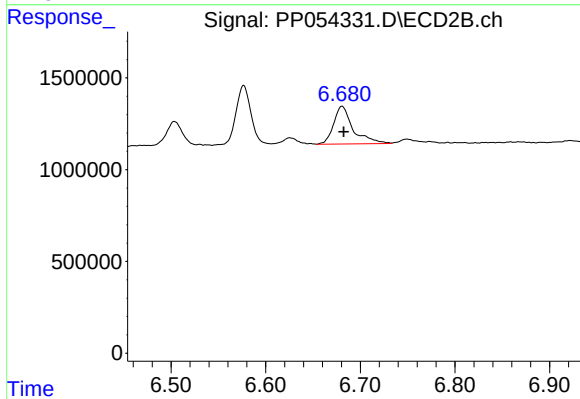
#29 AR-1254-4

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 4516118
Conc: 71.74 ng/ml



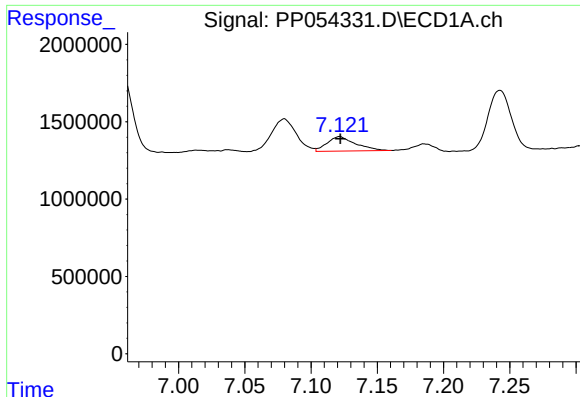
#30 AR-1254-5

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 2630398
Conc: 34.60 ng/ml



#30 AR-1254-5

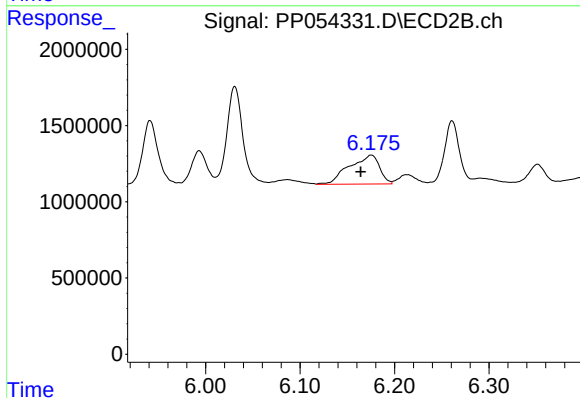
R.T.: 6.681 min
Delta R.T.: -0.002 min
Response: 2957768
Conc: 30.93 ng/ml



#31 AR-1260-1

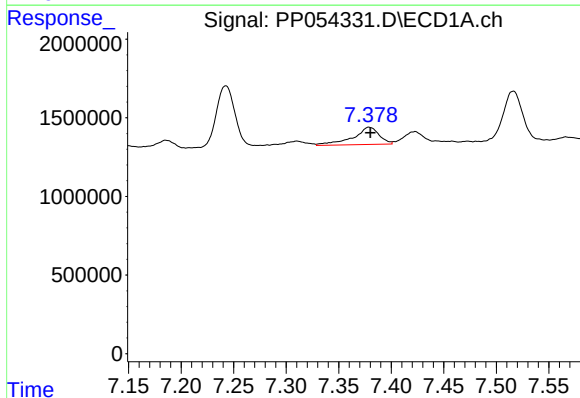
R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 1411836
Conc: 18.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



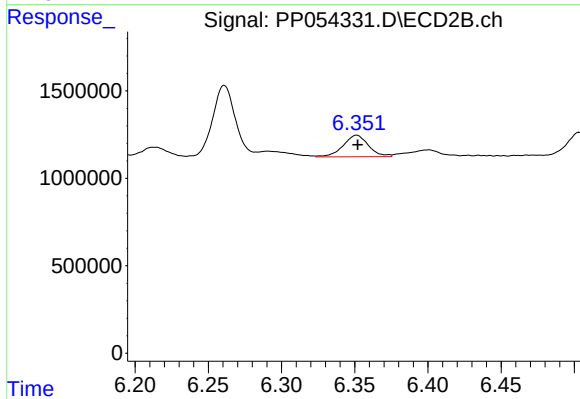
#31 AR-1260-1

R.T.: 6.175 min
Delta R.T.: 0.011 min
Response: 4230556
Conc: 49.94 ng/ml



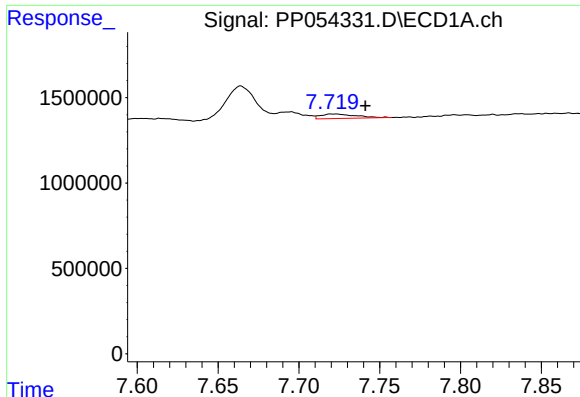
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: -0.001 min
Response: 1914890
Conc: 21.38 ng/ml



#32 AR-1260-2

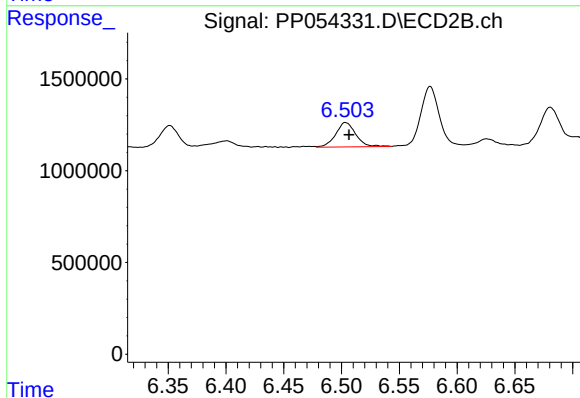
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 1491722
Conc: 15.60 ng/ml



#33 AR-1260-3

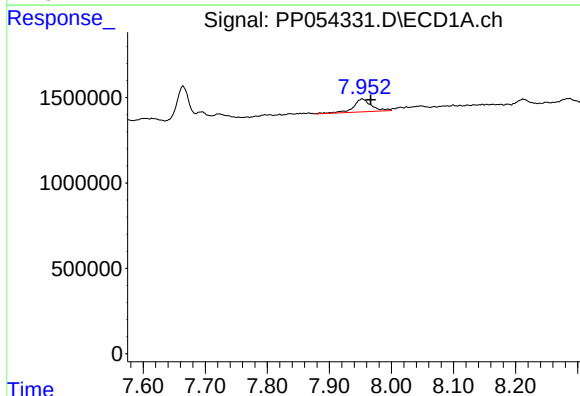
R.T.: 7.722 min
Delta R.T.: -0.019 min
Response: 398906
Conc: 5.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



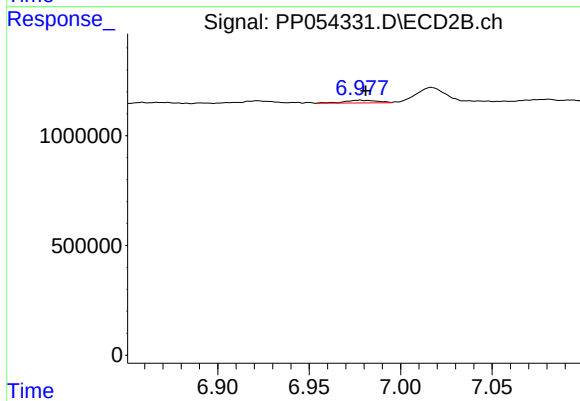
#33 AR-1260-3

R.T.: 6.504 min
Delta R.T.: -0.003 min
Response: 1610744
Conc: 17.62 ng/ml



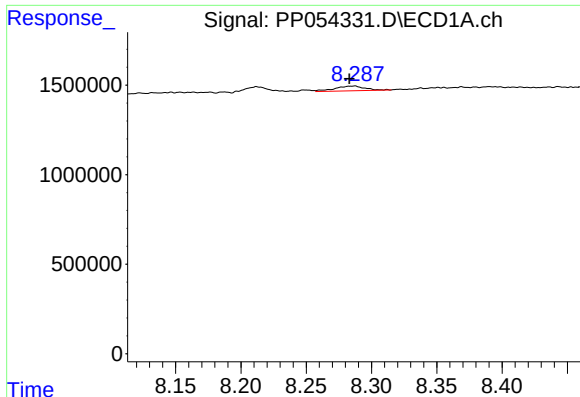
#34 AR-1260-4

R.T.: 7.953 min
Delta R.T.: -0.014 min
Response: 1514690
Conc: 19.01 ng/ml



#34 AR-1260-4

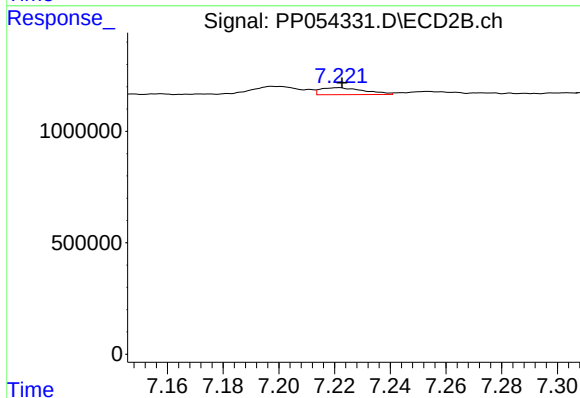
R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 158495
Conc: 2.09 ng/ml



#35 AR-1260-5

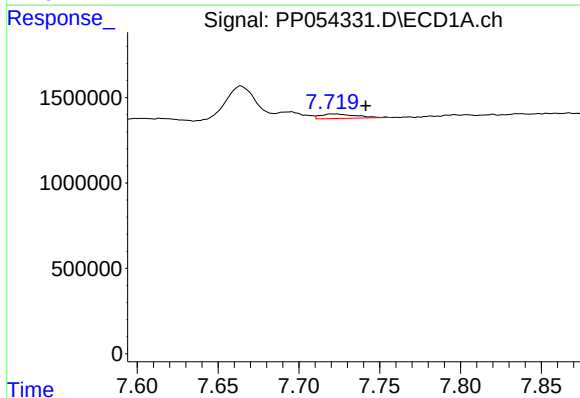
R.T.: 8.287 min
Delta R.T.: 0.004 min
Response: 419683
Conc: 2.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



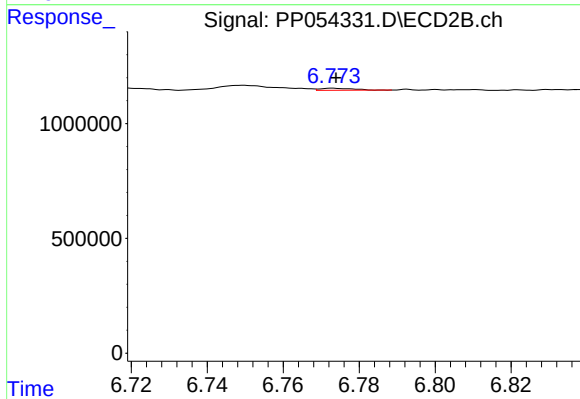
#35 AR-1260-5

R.T.: 7.221 min
Delta R.T.: -0.001 min
Response: 338692
Conc: 2.14 ng/ml



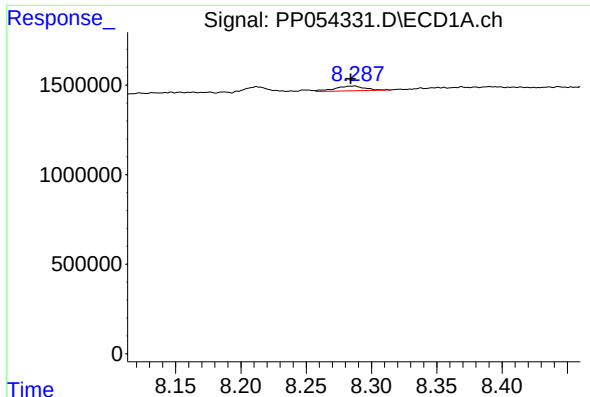
#36 AR-1262-1

R.T.: 7.722 min
Delta R.T.: -0.020 min
Response: 398906
Conc: 4.74 ng/ml



#36 AR-1262-1

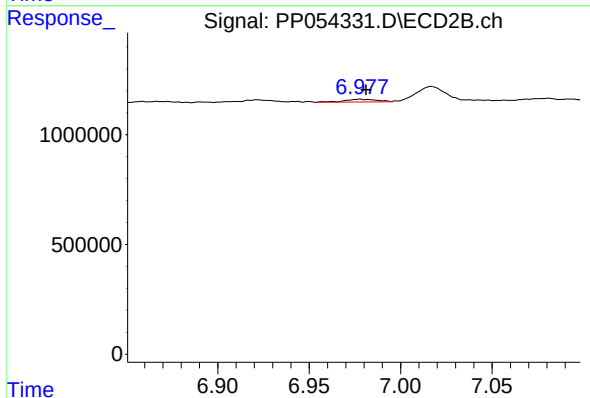
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 53334
Conc: 1.31 ng/ml



#37 AR-1262-2

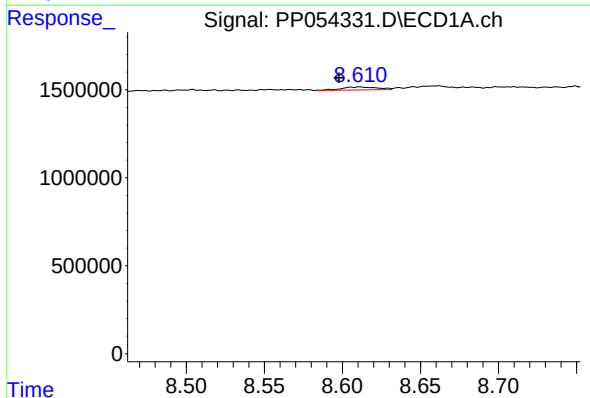
R.T.: 8.287 min
Delta R.T.: 0.003 min
Response: 419683
Conc: 2.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



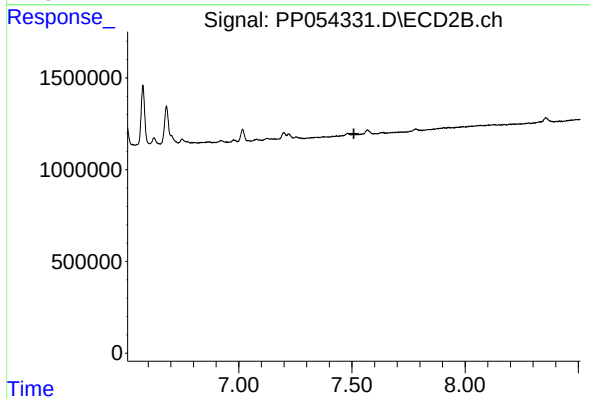
#37 AR-1262-2

R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 158495
Conc: 1.83 ng/ml



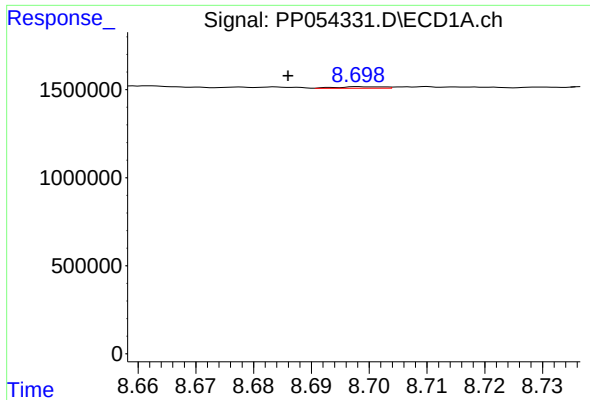
#38 AR-1262-3

R.T.: 8.611 min
Delta R.T.: 0.013 min
Response: 264201
Conc: 2.55 ng/ml



#38 AR-1262-3

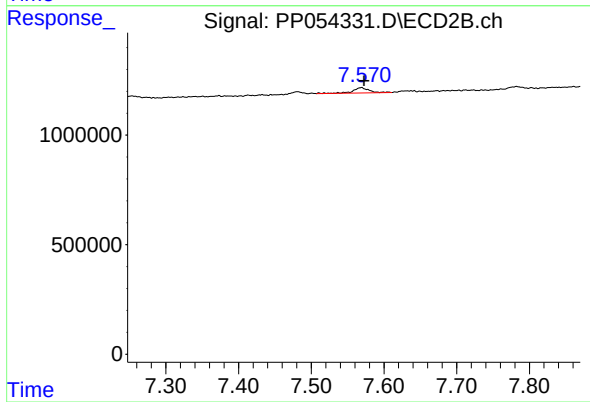
R.T.: 0.000 min
Exp R.T.: 7.508 min
Response: 0
Conc: N.D.



#39 AR-1262-4

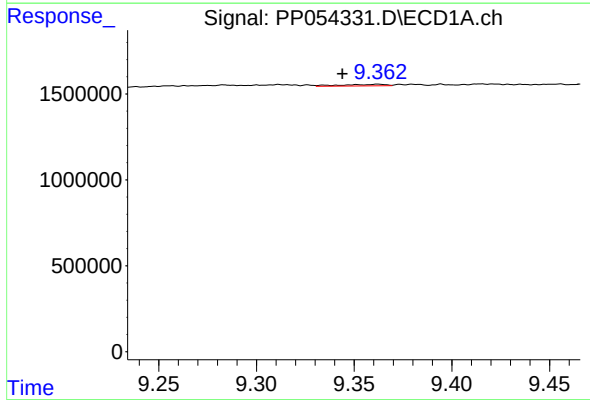
R.T.: 8.699 min
Delta R.T.: 0.013 min
Response: 51245
Conc: 1.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



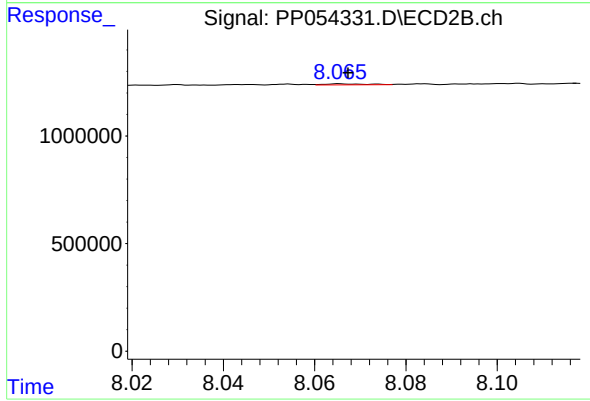
#39 AR-1262-4

R.T.: 7.569 min
Delta R.T.: -0.004 min
Response: 371399
Conc: 3.17 ng/ml



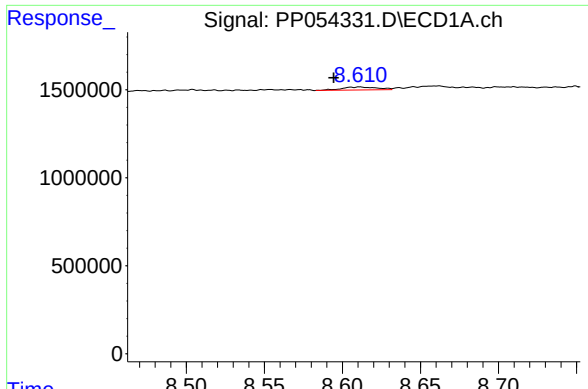
#40 AR-1262-5

R.T.: 9.362 min
Delta R.T.: 0.018 min
Response: 144297
Conc: 2.57 ng/ml



#40 AR-1262-5

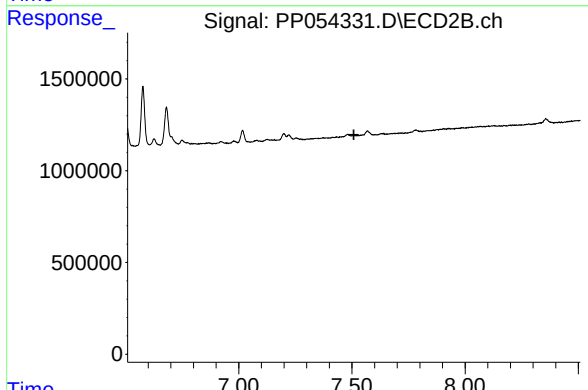
R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 32277
Conc: 0.59 ng/ml



#41 AR-1268-1

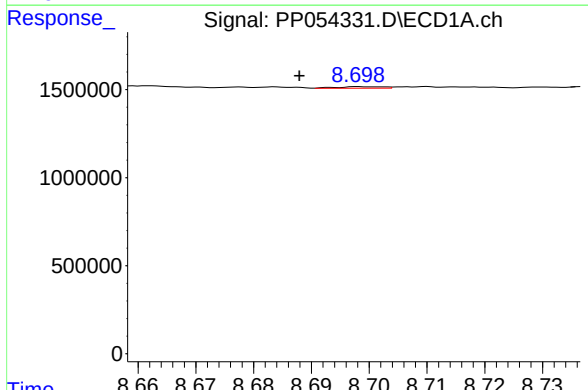
R.T.: 8.611 min
Delta R.T.: 0.017 min
Response: 264201
Conc: 1.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



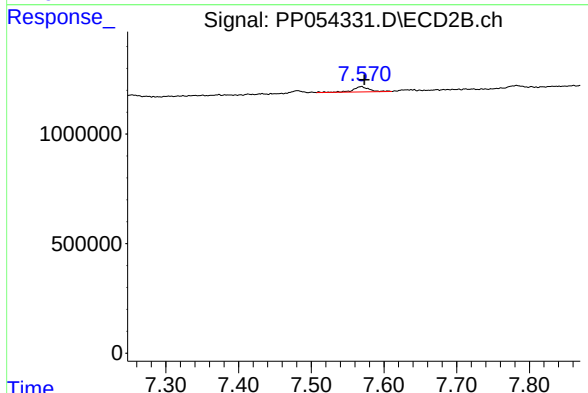
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.509 min
Response: 0
Conc: N.D.



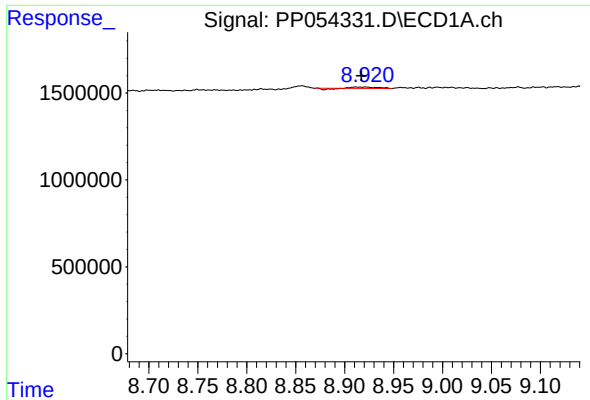
#42 AR-1268-2

R.T.: 8.699 min
Delta R.T.: 0.011 min
Response: 51245
Conc: 0.29 ng/ml



#42 AR-1268-2

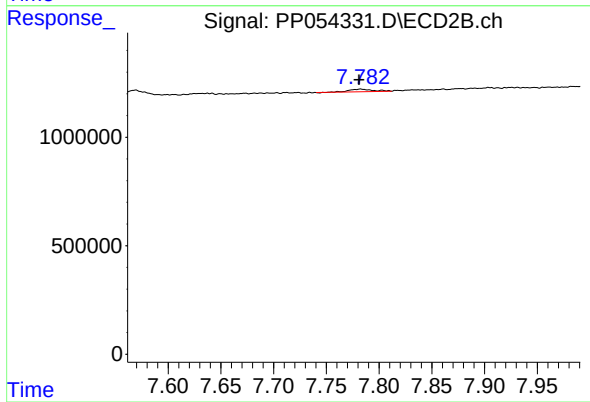
R.T.: 7.569 min
Delta R.T.: -0.004 min
Response: 371399
Conc: 2.02 ng/ml



#43 AR-1268-3

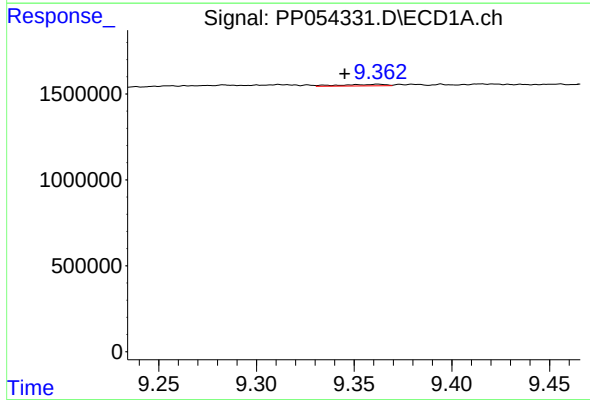
R.T.: 8.912 min
Delta R.T.: -0.006 min
Response: 82983
Conc: 0.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



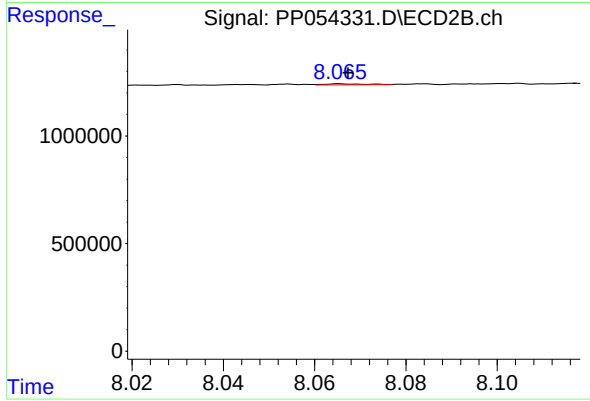
#43 AR-1268-3

R.T.: 7.782 min
Delta R.T.: 0.001 min
Response: 186700
Conc: 1.09 ng/ml



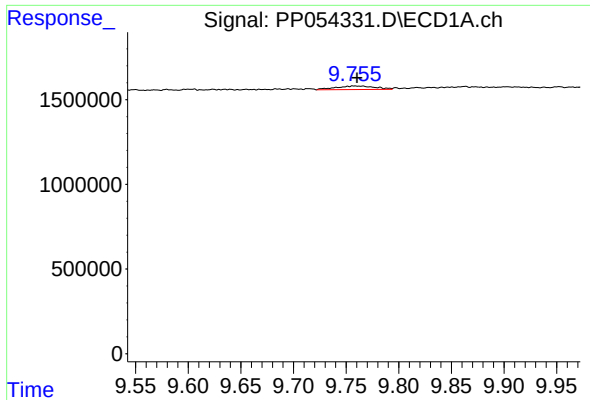
#44 AR-1268-4

R.T.: 9.362 min
Delta R.T.: 0.017 min
Response: 144297
Conc: 2.11 ng/ml



#44 AR-1268-4

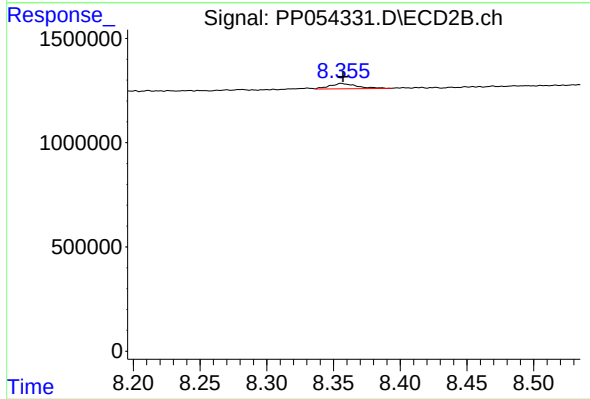
R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 32277
Conc: 0.51 ng/ml



#45 AR-1268-5

R.T.: 9.758 min
Delta R.T.: -0.003 min
Response: 545542
Conc: 1.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.356 min
Delta R.T.: -0.001 min
Response: 366177
Conc: 0.75 ng/ml