

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102819\
 Data File : PR042603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2019 17:48
 Operator : SM\AJ
 Sample : K5503-13RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 09:28:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 17 06:40:58 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...	4.725	3.987	91378909	328.9E6	19.188	19.320
2)	SA Decachlor...	10.642	9.087	230.6E6	585.9E6	65.943	57.722
Target Compounds							
3)	L1 AR-1016-1	0.000	5.077	0 15171051	N.D.	28.447	#
4)	L1 AR-1016-2	0.000	5.077	0 15171051	N.D.	20.642	#
5)	L1 AR-1016-3	0.000	5.304	0 39133320	N.D.	120.559	#
6)	L1 AR-1016-4	6.132	5.304	5429115 39133320	50.164	149.839	#
7)	L1 AR-1016-5	6.384	5.534	6720330 5770153	62.126	19.468	#
10)	L2 AR-1221-3	0.000	4.431	0 16249310	N.D.	40.371	#
11)	L3 AR-1232-1	0.000	4.431	0 16249310	N.D.	27.980	#
12)	L3 AR-1232-2	0.000	5.077	0 15171051	N.D.	26.952	#
13)	L3 AR-1232-3	0.000	5.304	0 39133320	N.D.	154.722	#
14)	L3 AR-1232-4	6.132	5.360	5429115 4963496	66.243	23.555	#
15)	L3 AR-1232-5	6.132	5.534	5429115 5770153	88.815	27.509	#
16)	L4 AR-1242-1	0.000	5.077	0 15171051	N.D.	36.838	#
17)	L4 AR-1242-2	0.000	5.077	0 15171051	N.D.	27.246	#
18)	L4 AR-1242-3	0.000	5.304	0 39133320	N.D.	148.103	#
19)	L4 AR-1242-4	6.132	5.360	5429115 4963496	65.057	20.578	#
20)	L4 AR-1242-5	6.759	5.877	8851182 52551692	92.370	197.569	#
21)	L5 AR-1248-1	0.000	5.077	0 15171051	N.D.	46.070	#
22)	L5 AR-1248-2	6.132	5.304	5429115 39133320	42.466	111.617	#
23)	L5 AR-1248-3	6.384	5.360	6720330 4963496	46.747	14.138	#
24)	L5 AR-1248-4	6.759	5.534	8851182 5770153	52.025	15.184	#
25)	L5 AR-1248-5	6.759	5.877	8851182 52551692	55.122	141.168	#
26)	L6 AR-1254-1	6.759	5.877	8851182 52551692	49.274	91.423	#
27)	L6 AR-1254-2	6.992	6.036	42128749 14454146	149.215	26.423	#
28)	L6 AR-1254-3	7.351	6.456	16875765 85248936	55.197	88.662	#
29)	L6 AR-1254-4	7.610	6.667	57528395 15113924	258.364	23.024	#
30)	L6 AR-1254-5	8.052	7.097	30363866 84167457	130.932	102.489	#
31)	L7 AR-1260-1	7.499	6.579	94750281 120.4E6	455.509	208.193	#
32)	L7 AR-1260-2	7.758	6.758	20277482 29770654	82.581	37.713	#
33)	L7 AR-1260-3	8.124	6.915	7831773 20699631	41.974	30.437	#
34)	L7 AR-1260-4	8.362	7.386	13420240 31256675	63.707	57.046	#
35)	L7 AR-1260-5	8.701	7.634	12233080 212.8E6	29.117	144.393	#
36)	L8 AR-1262-1	8.124	7.180	7831773 15388627	26.728	37.737	#
37)	L8 AR-1262-2	8.701	7.634	12233080 212.8E6	22.493	114.918	#
38)	L8 AR-1262-3	9.031	7.911	29692969 74533614	86.690	107.325	#
39)	L8 AR-1262-4	9.130	7.976	16883386 59841990	128.551	49.035	#
40)	L8 AR-1262-5	9.834	8.492	7111472 16632590	43.588	31.521	#
41)	L9 AR-1268-1	9.031	7.911	29692969 74533614	54.179	39.692	#
42)	L9 AR-1268-2	9.130	7.976	16883386 59841990	34.870	35.856	#
43)	L9 AR-1268-3	9.376	8.189	61803954 188.3E6	156.375	133.952	#

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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.834	8.492	7111472	16632590	42.750	30.729 #
45) L9	AR-1268-5	10.278	8.808	160.0E6	422.3E6	130.942	110.559

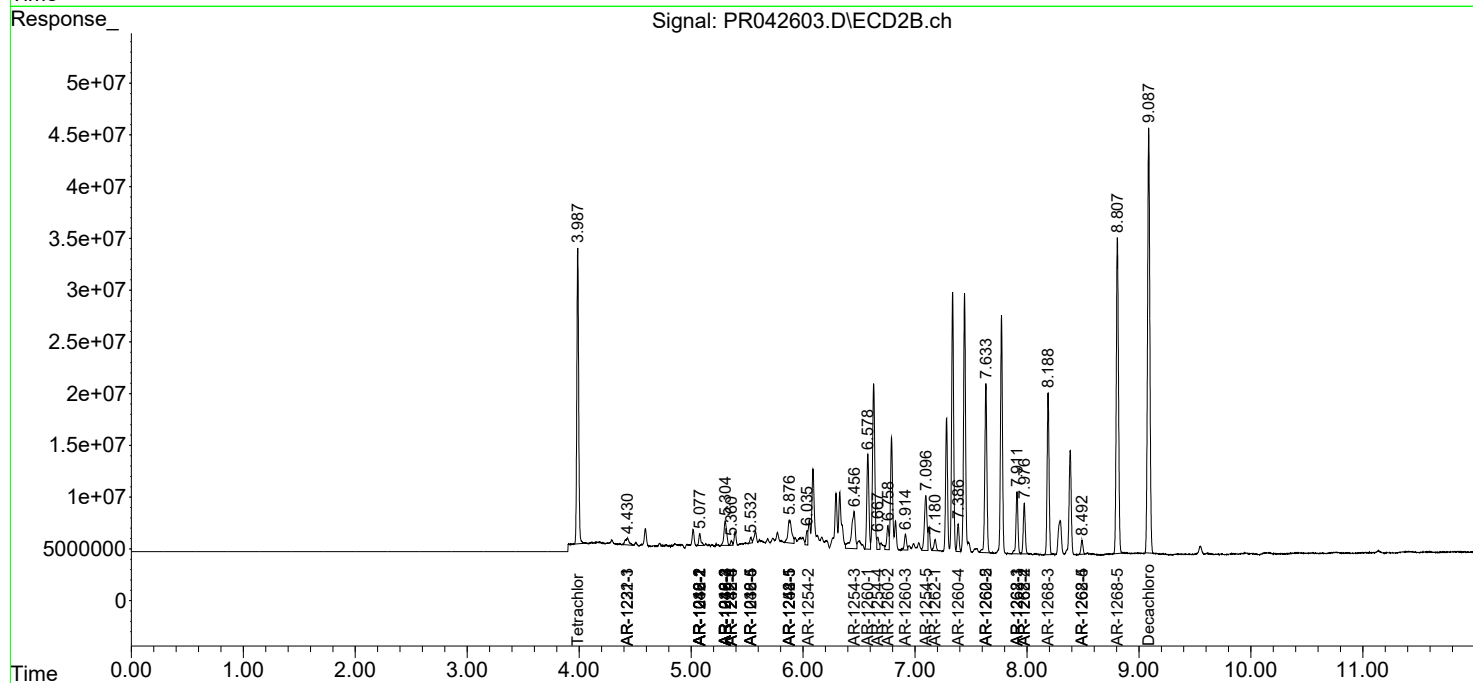
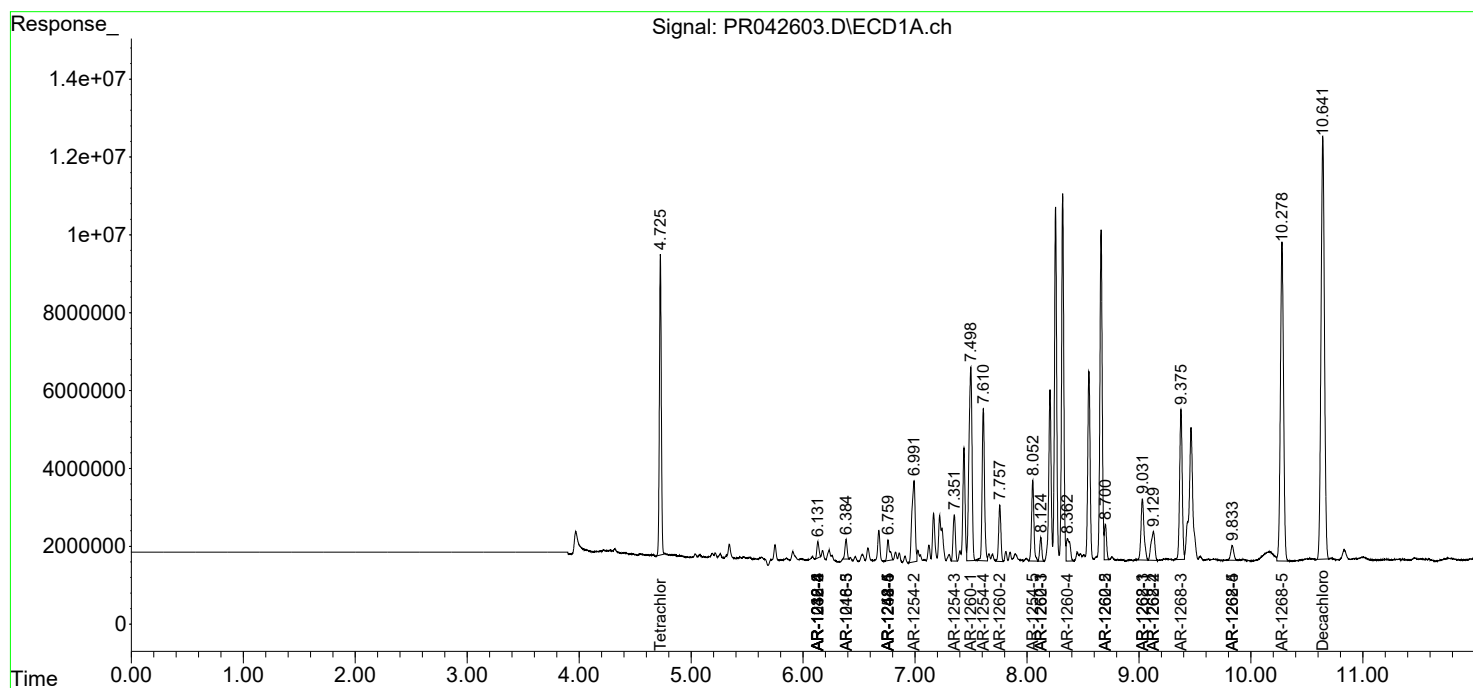
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

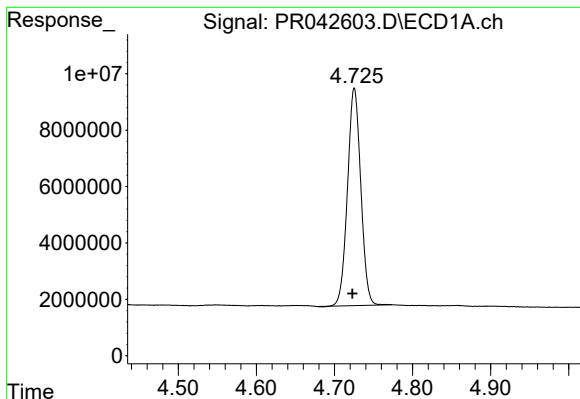
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102819\
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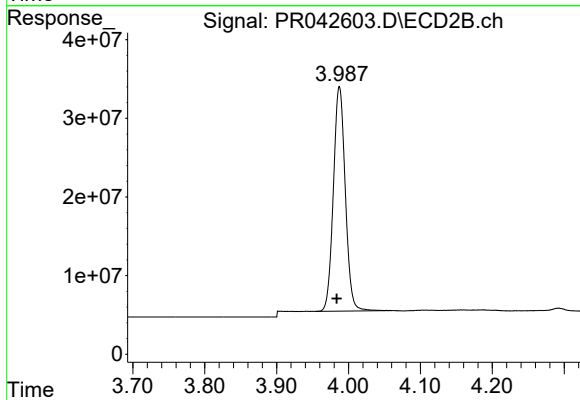




#1 Tetrachloro-m-xylene

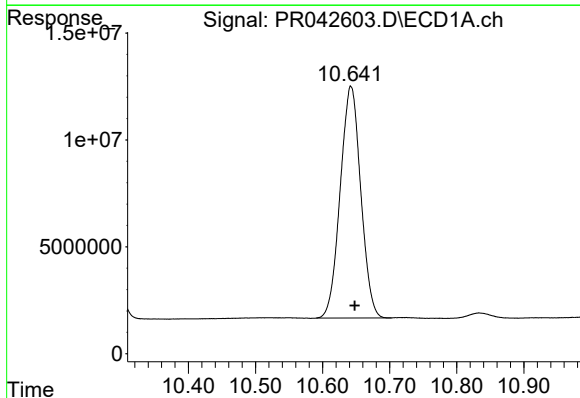
R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 91378909
Conc: 19.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



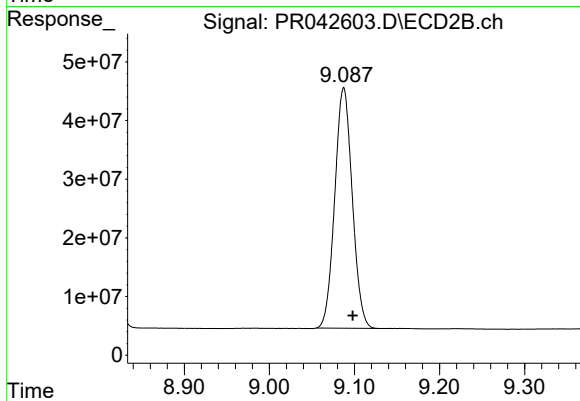
#1 Tetrachloro-m-xylene

R.T.: 3.987 min
Delta R.T.: 0.004 min
Response: 328942388
Conc: 19.32 ng/ml



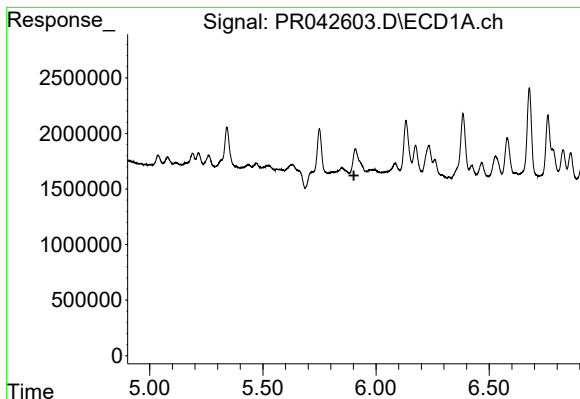
#2 Decachlorobiphenyl

R.T.: 10.642 min
Delta R.T.: -0.006 min
Response: 230561707
Conc: 65.94 ng/ml



#2 Decachlorobiphenyl

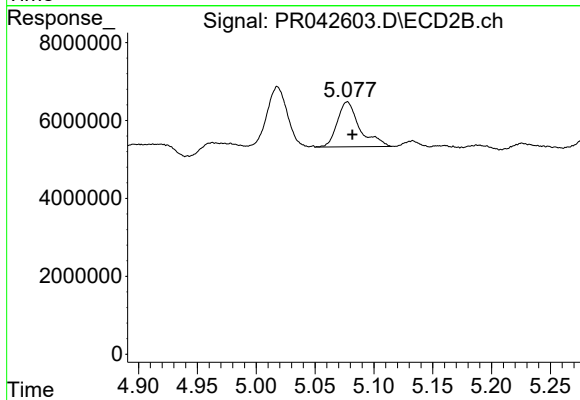
R.T.: 9.087 min
Delta R.T.: -0.011 min
Response: 585930517
Conc: 57.72 ng/ml



#3 AR-1016-1

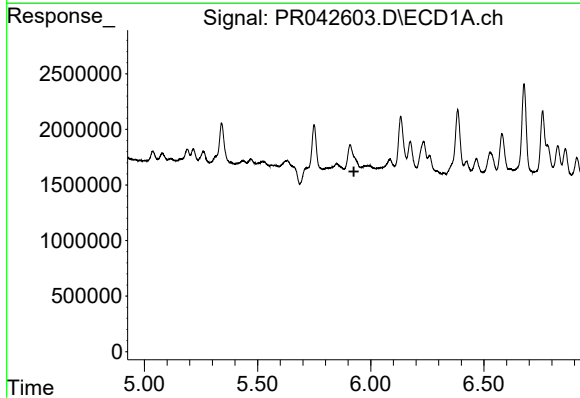
R.T.: 0.000 min
Exp R.T.: 5.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



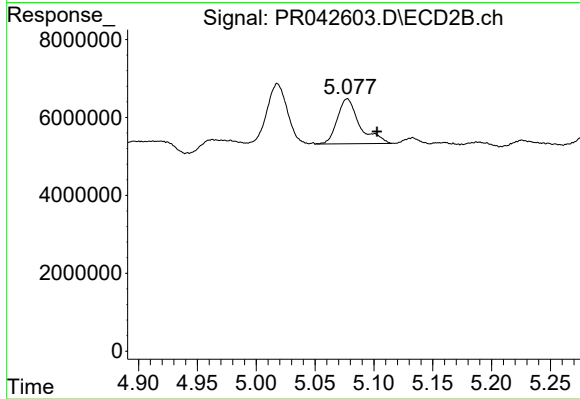
#3 AR-1016-1

R.T.: 5.077 min
Delta R.T.: -0.004 min
Response: 15171051
Conc: 28.45 ng/ml



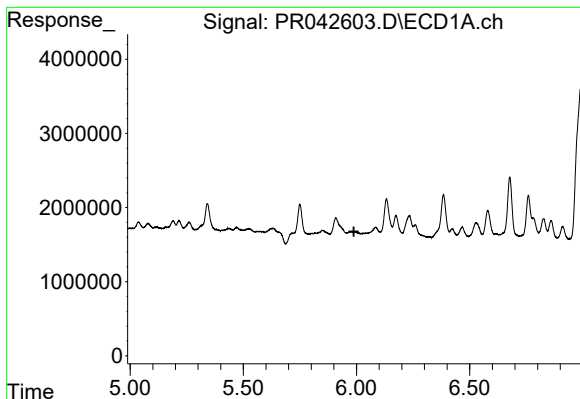
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.926 min
Response: 0
Conc: N.D.



#4 AR-1016-2

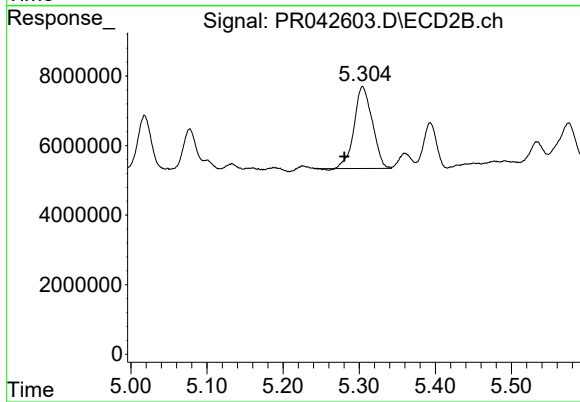
R.T.: 5.077 min
Delta R.T.: -0.025 min
Response: 15171051
Conc: 20.64 ng/ml



#5 AR-1016-3

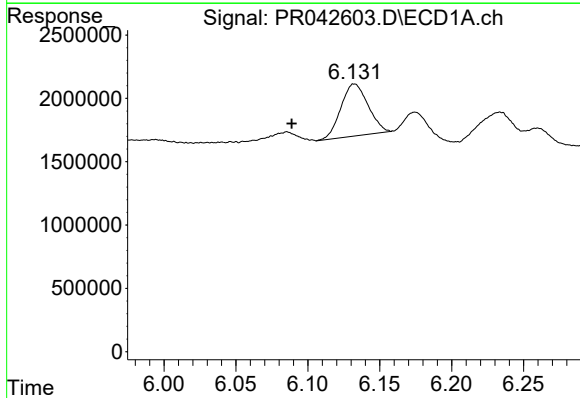
R.T.: 0.000 min
Exp R.T.: 5.988 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



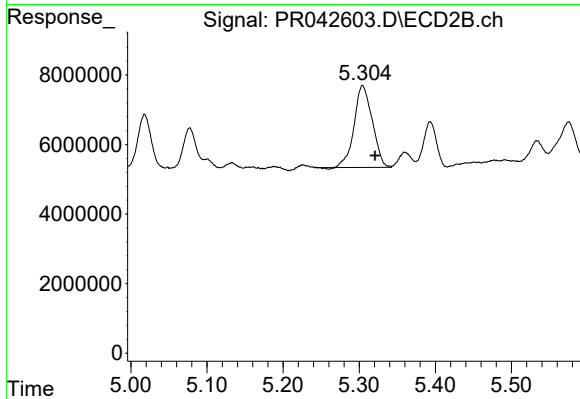
#5 AR-1016-3

R.T.: 5.304 min
Delta R.T.: 0.024 min
Response: 39133320
Conc: 120.56 ng/ml



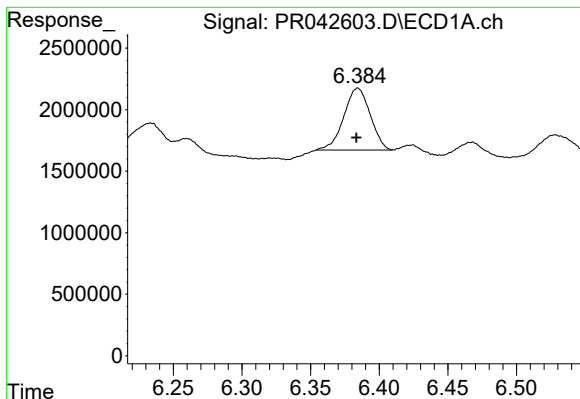
#6 AR-1016-4

R.T.: 6.132 min
Delta R.T.: 0.044 min
Response: 5429115
Conc: 50.16 ng/ml



#6 AR-1016-4

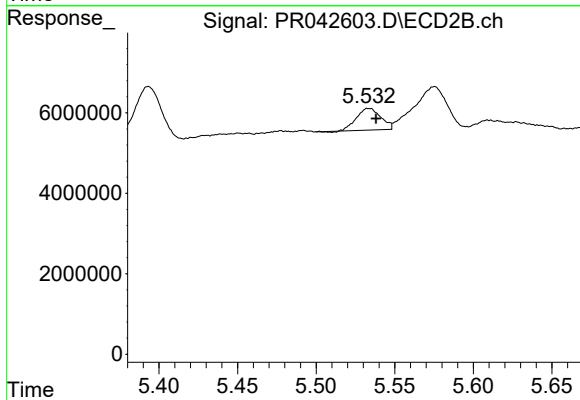
R.T.: 5.304 min
Delta R.T.: -0.016 min
Response: 39133320
Conc: 149.84 ng/ml



#7 AR-1016-5

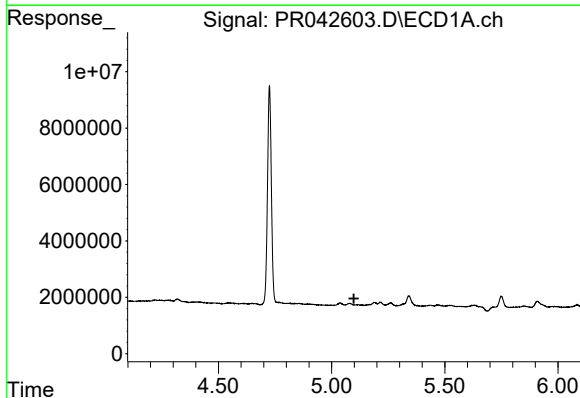
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 6720330
Conc: 62.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



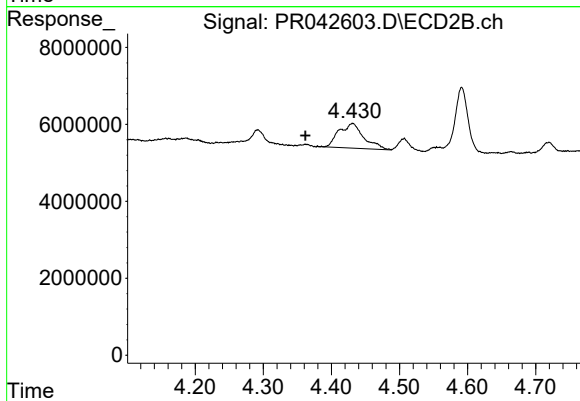
#7 AR-1016-5

R.T.: 5.534 min
Delta R.T.: -0.004 min
Response: 5770153
Conc: 19.47 ng/ml



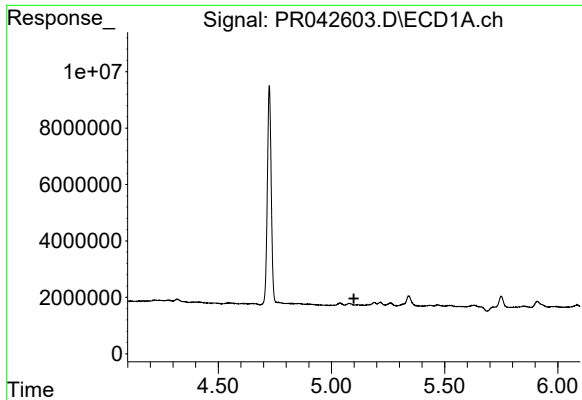
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.



#10 AR-1221-3

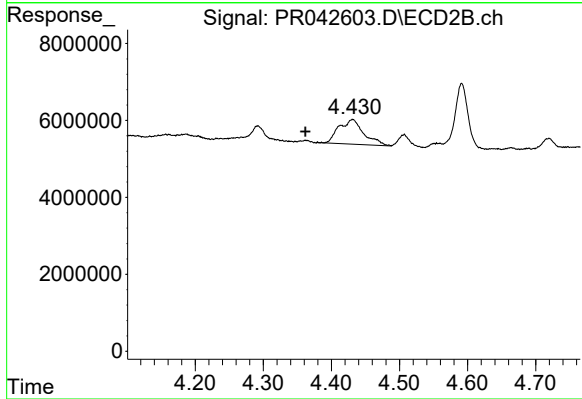
R.T.: 4.431 min
Delta R.T.: 0.069 min
Response: 16249310
Conc: 40.37 ng/ml



#11 AR-1232-1

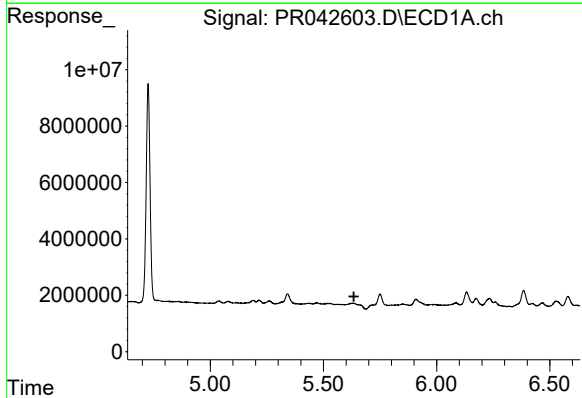
R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



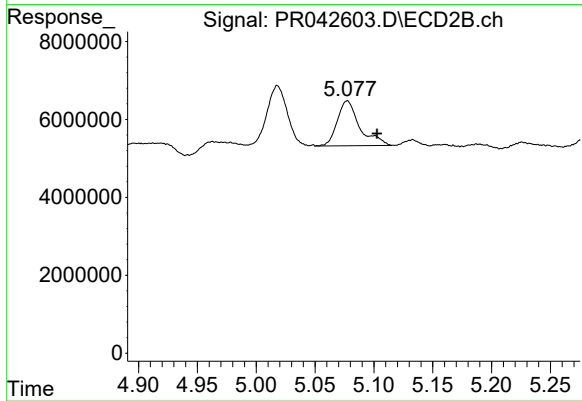
#11 AR-1232-1

R.T.: 4.431 min
Delta R.T.: 0.069 min
Response: 16249310
Conc: 27.98 ng/ml



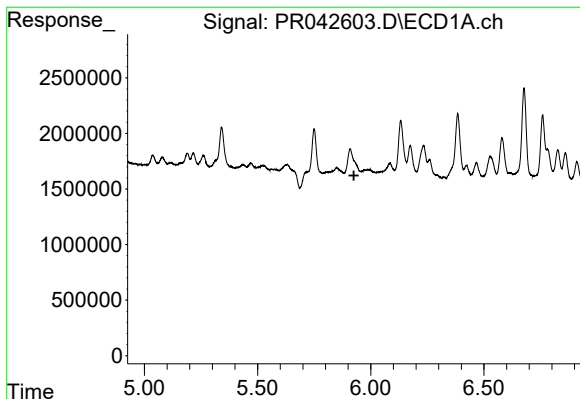
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.634 min
Response: 0
Conc: N.D.



#12 AR-1232-2

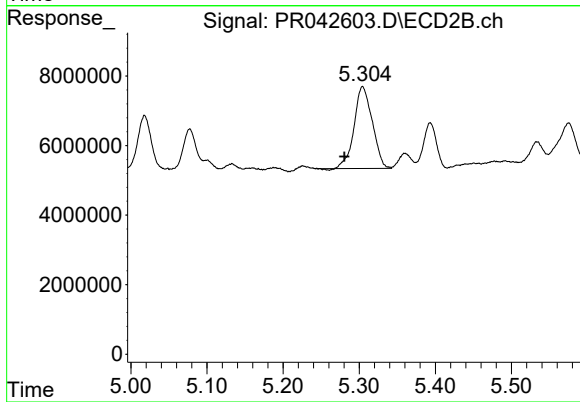
R.T.: 5.077 min
Delta R.T.: -0.025 min
Response: 15171051
Conc: 26.95 ng/ml



#13 AR-1232-3

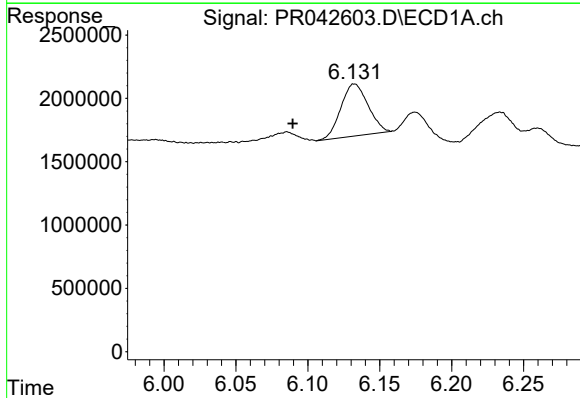
R.T.: 0.000 min
Exp R.T.: 5.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



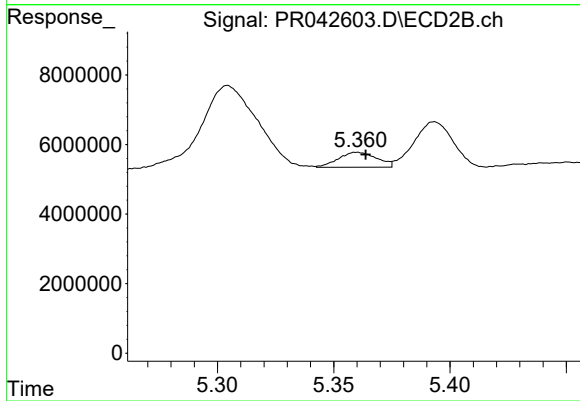
#13 AR-1232-3

R.T.: 5.304 min
Delta R.T.: 0.024 min
Response: 39133320
Conc: 154.72 ng/ml



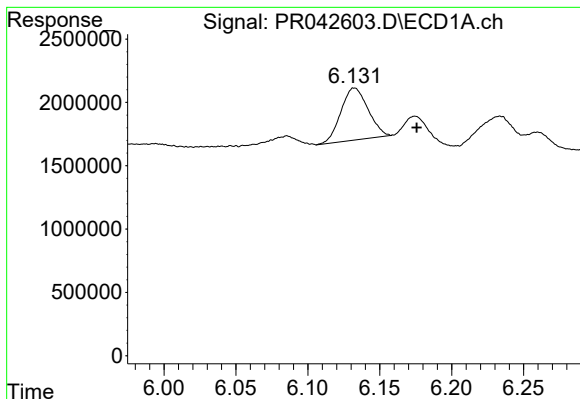
#14 AR-1232-4

R.T.: 6.132 min
Delta R.T.: 0.043 min
Response: 5429115
Conc: 66.24 ng/ml



#14 AR-1232-4

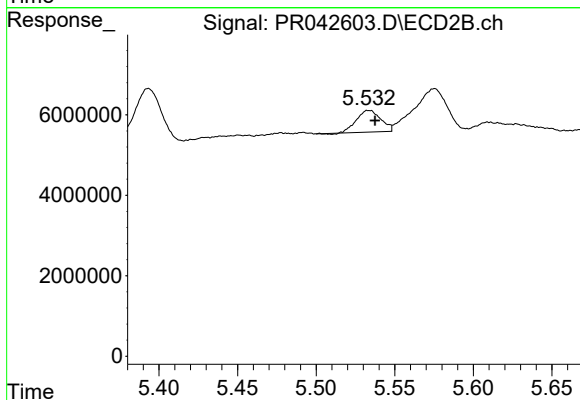
R.T.: 5.360 min
Delta R.T.: -0.004 min
Response: 4963496
Conc: 23.55 ng/ml



#15 AR-1232-5

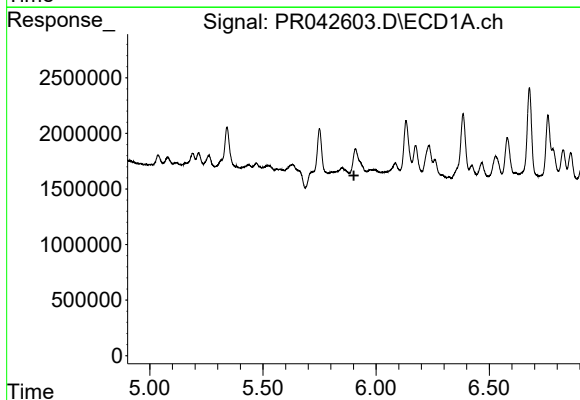
R.T.: 6.132 min
Delta R.T.: -0.043 min
Response: 5429115
Conc: 88.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



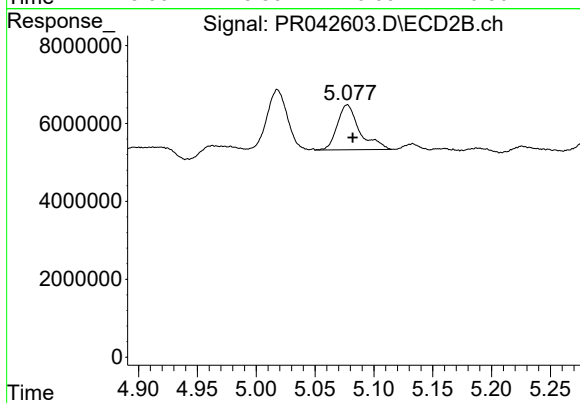
#15 AR-1232-5

R.T.: 5.534 min
Delta R.T.: -0.004 min
Response: 5770153
Conc: 27.51 ng/ml



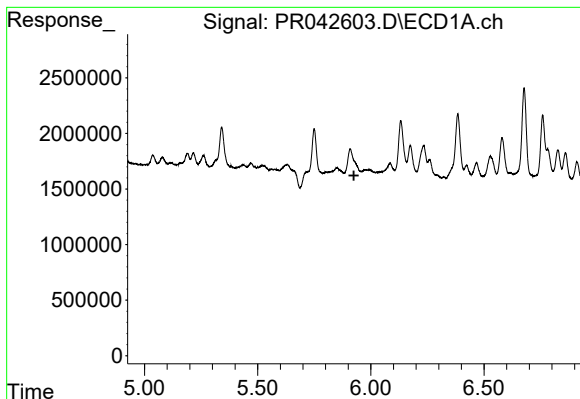
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.



#16 AR-1242-1

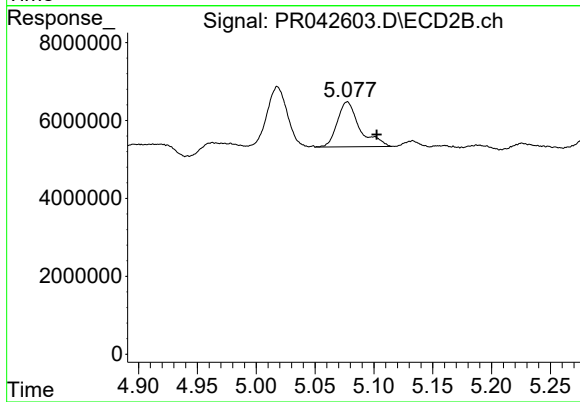
R.T.: 5.077 min
Delta R.T.: -0.005 min
Response: 15171051
Conc: 36.84 ng/ml



#17 AR-1242-2

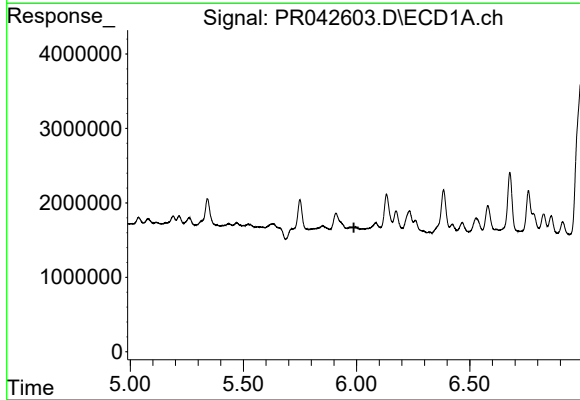
R.T.: 0.000 min
Exp R.T.: 5.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



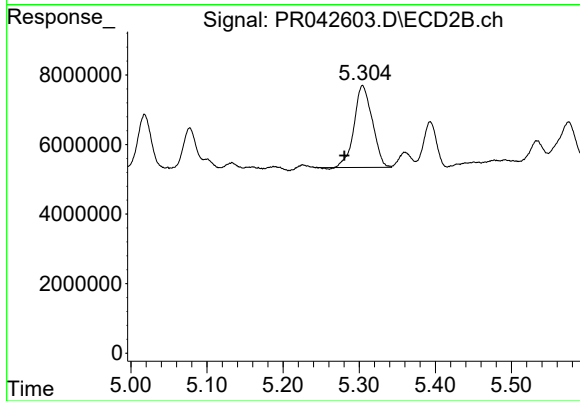
#17 AR-1242-2

R.T.: 5.077 min
Delta R.T.: -0.025 min
Response: 15171051
Conc: 27.25 ng/ml



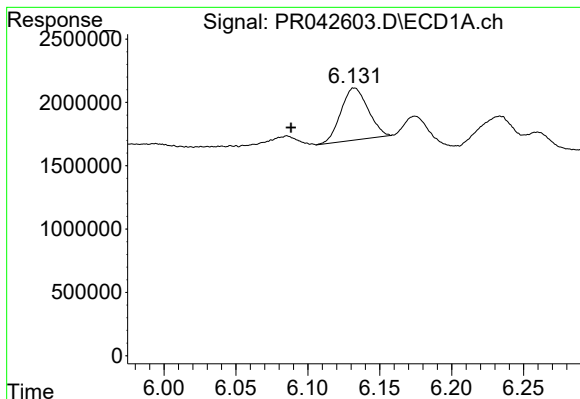
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.988 min
Response: 0
Conc: N.D.



#18 AR-1242-3

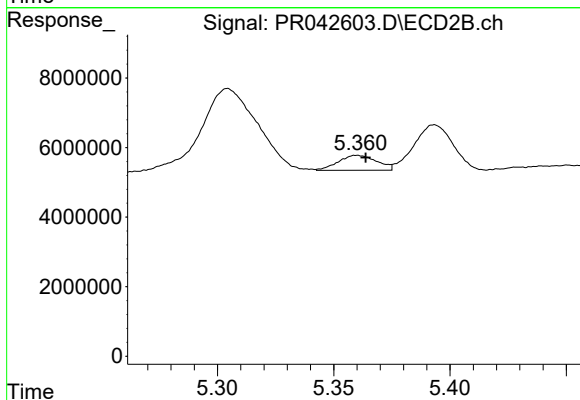
R.T.: 5.304 min
Delta R.T.: 0.024 min
Response: 39133320
Conc: 148.10 ng/ml



#19 AR-1242-4

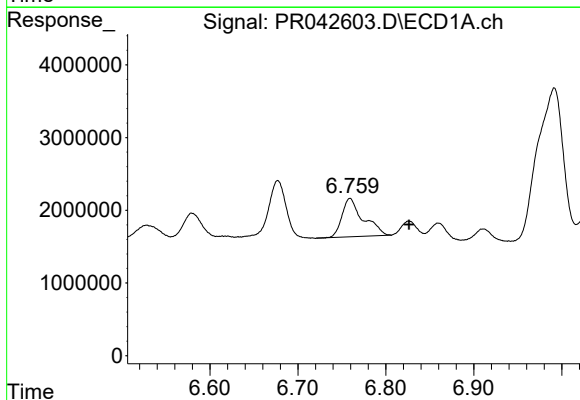
R.T.: 6.132 min
Delta R.T.: 0.044 min
Response: 5429115
Conc: 65.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



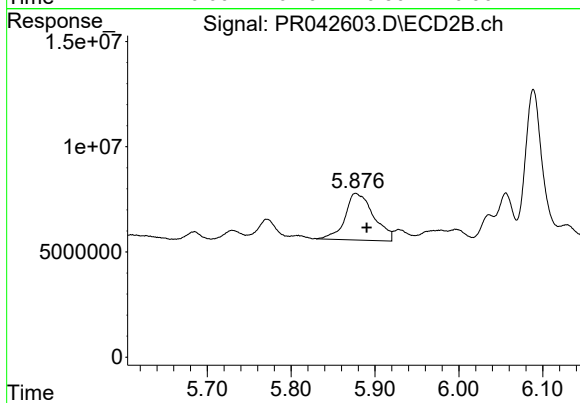
#19 AR-1242-4

R.T.: 5.360 min
Delta R.T.: -0.004 min
Response: 4963496
Conc: 20.58 ng/ml



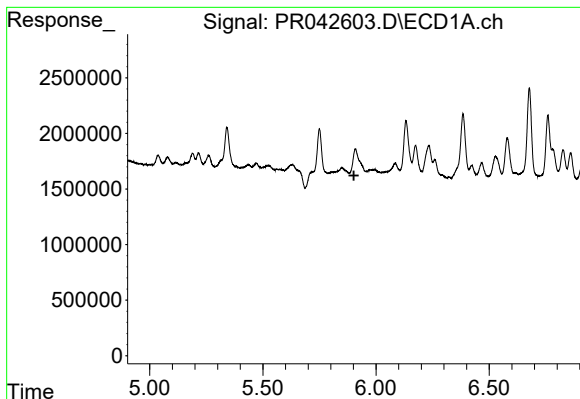
#20 AR-1242-5

R.T.: 6.759 min
Delta R.T.: -0.067 min
Response: 8851182
Conc: 92.37 ng/ml



#20 AR-1242-5

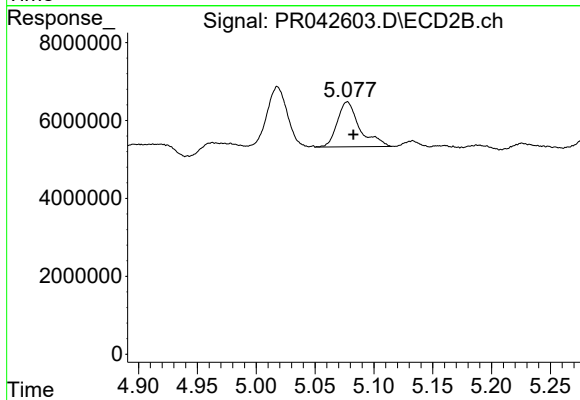
R.T.: 5.877 min
Delta R.T.: -0.013 min
Response: 52551692
Conc: 197.57 ng/ml



#21 AR-1248-1

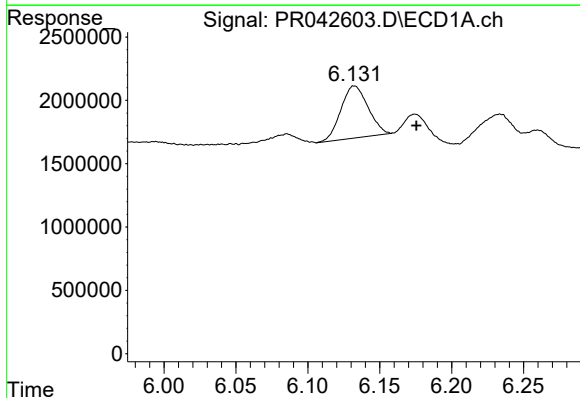
R.T.: 0.000 min
Exp R.T.: 5.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



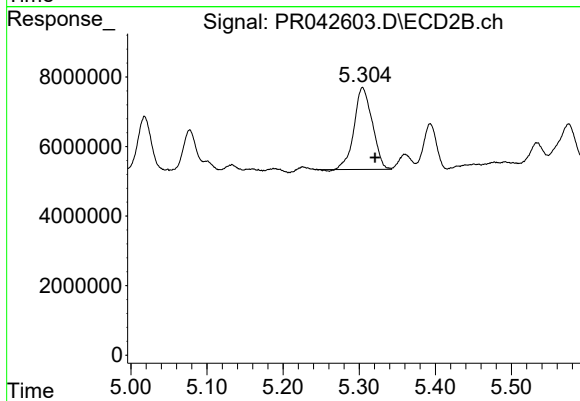
#21 AR-1248-1

R.T.: 5.077 min
Delta R.T.: -0.005 min
Response: 15171051
Conc: 46.07 ng/ml



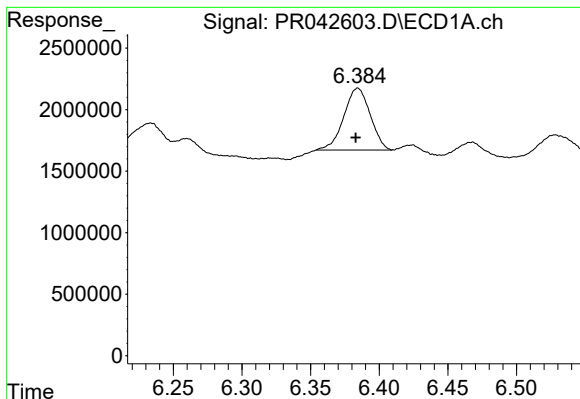
#22 AR-1248-2

R.T.: 6.132 min
Delta R.T.: -0.043 min
Response: 5429115
Conc: 42.47 ng/ml



#22 AR-1248-2

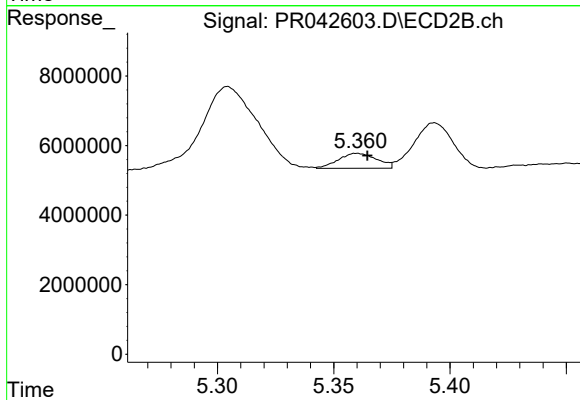
R.T.: 5.304 min
Delta R.T.: -0.016 min
Response: 39133320
Conc: 111.62 ng/ml



#23 AR-1248-3

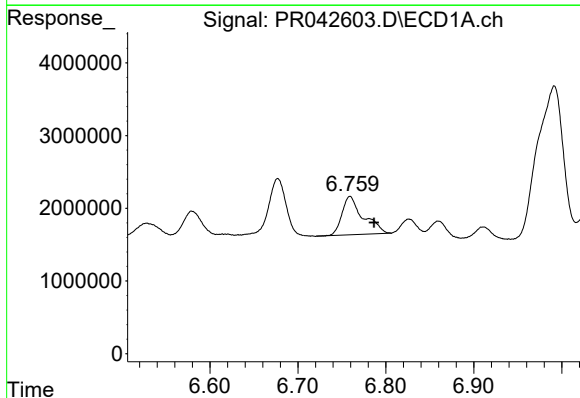
R.T.: 6.384 min
Delta R.T.: 0.002 min
Response: 6720330
Conc: 46.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



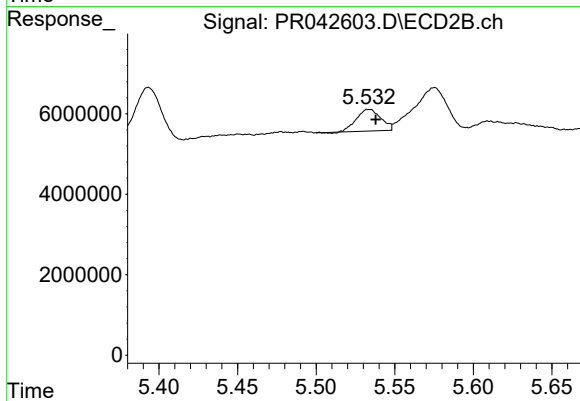
#23 AR-1248-3

R.T.: 5.360 min
Delta R.T.: -0.004 min
Response: 4963496
Conc: 14.14 ng/ml



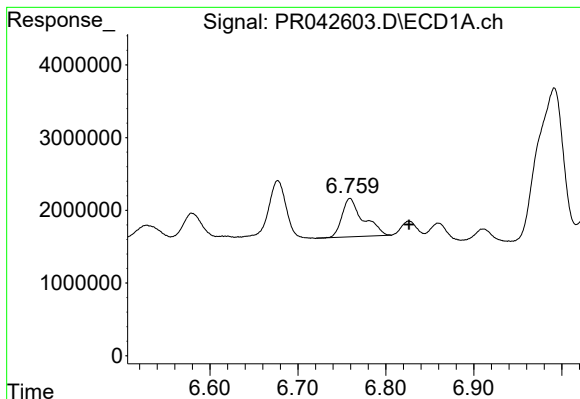
#24 AR-1248-4

R.T.: 6.759 min
Delta R.T.: -0.027 min
Response: 8851182
Conc: 52.03 ng/ml



#24 AR-1248-4

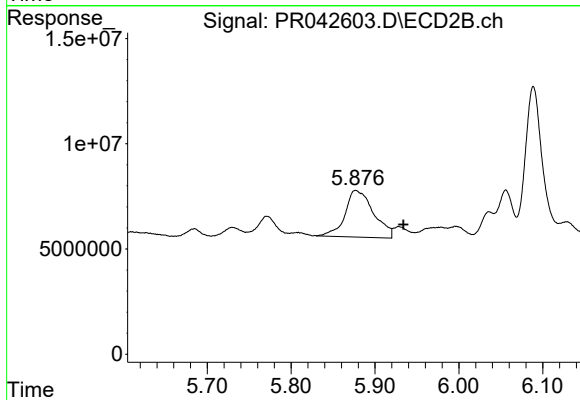
R.T.: 5.534 min
Delta R.T.: -0.004 min
Response: 5770153
Conc: 15.18 ng/ml



#25 AR-1248-5

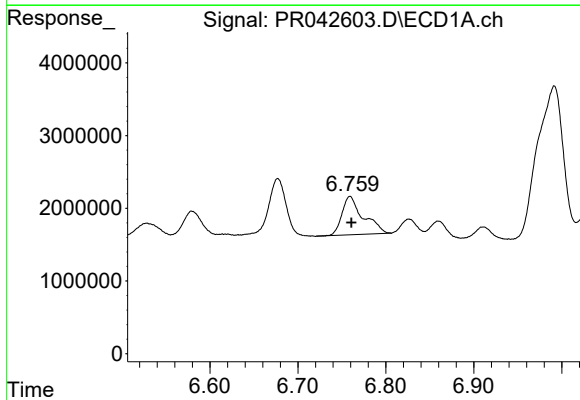
R.T.: 6.759 min
Delta R.T.: -0.067 min
Response: 8851182
Conc: 55.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



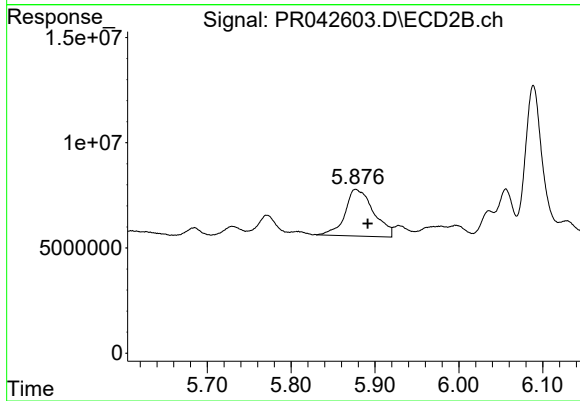
#25 AR-1248-5

R.T.: 5.877 min
Delta R.T.: -0.057 min
Response: 52551692
Conc: 141.17 ng/ml



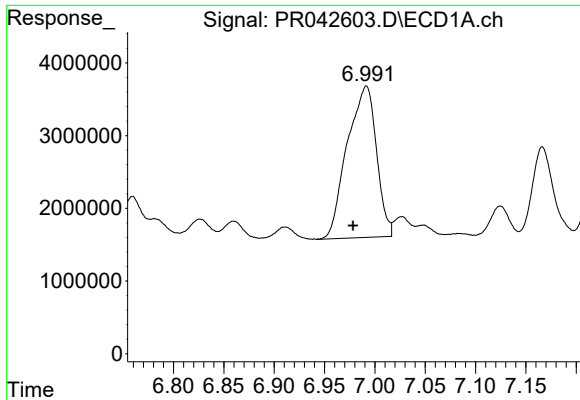
#26 AR-1254-1

R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 8851182
Conc: 49.27 ng/ml



#26 AR-1254-1

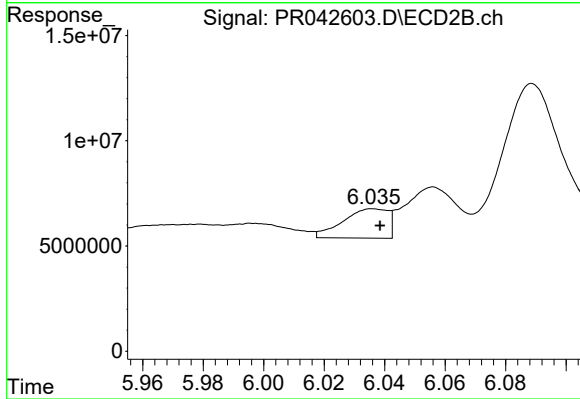
R.T.: 5.877 min
Delta R.T.: -0.015 min
Response: 52551692
Conc: 91.42 ng/ml



#27 AR-1254-2

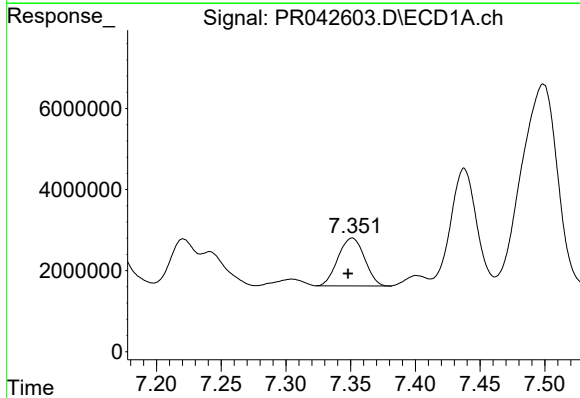
R.T.: 6.992 min
Delta R.T.: 0.013 min
Response: 42128749
Conc: 149.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



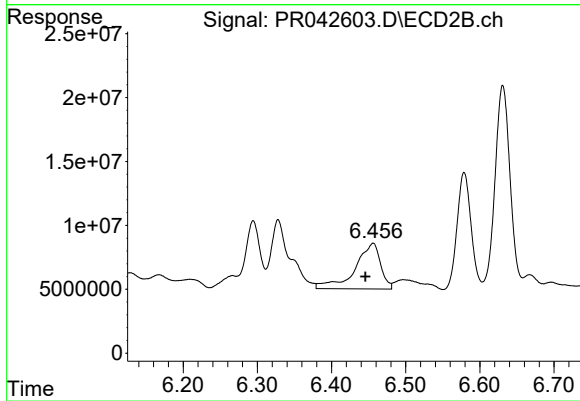
#27 AR-1254-2

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 14454146
Conc: 26.42 ng/ml



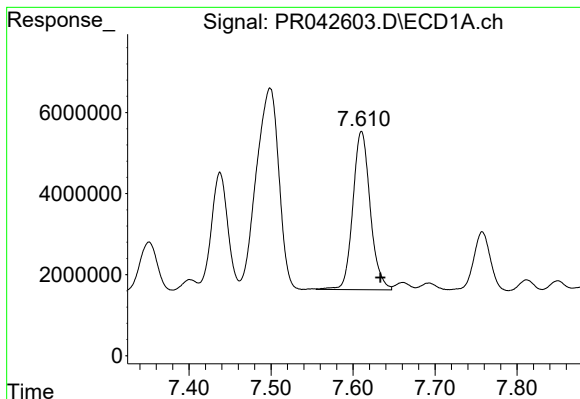
#28 AR-1254-3

R.T.: 7.351 min
Delta R.T.: 0.003 min
Response: 16875765
Conc: 55.20 ng/ml



#28 AR-1254-3

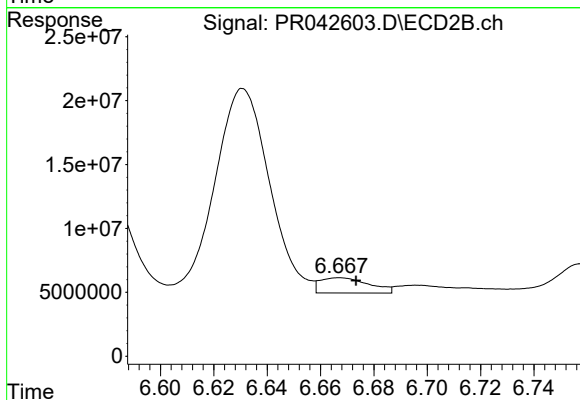
R.T.: 6.456 min
Delta R.T.: 0.010 min
Response: 85248936
Conc: 88.66 ng/ml



#29 AR-1254-4

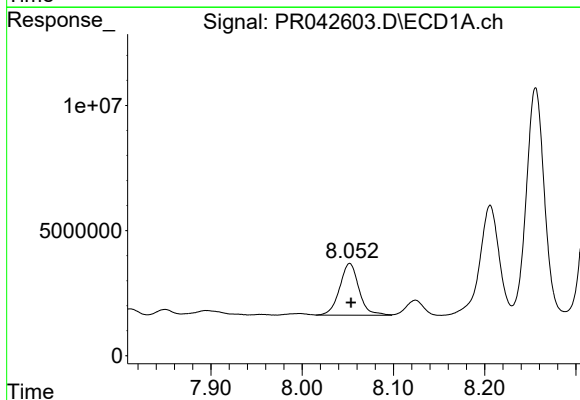
R.T.: 7.610 min
Delta R.T.: -0.023 min
Response: 57528395
Conc: 258.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



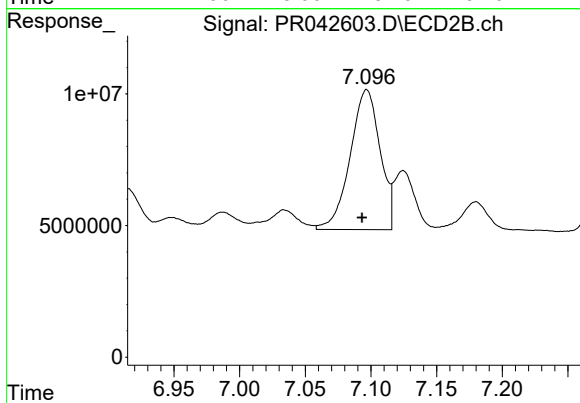
#29 AR-1254-4

R.T.: 6.667 min
Delta R.T.: -0.006 min
Response: 15113924
Conc: 23.02 ng/ml



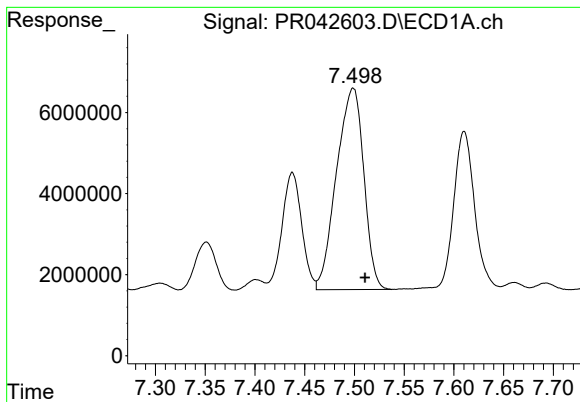
#30 AR-1254-5

R.T.: 8.052 min
Delta R.T.: -0.001 min
Response: 30363866
Conc: 130.93 ng/ml



#30 AR-1254-5

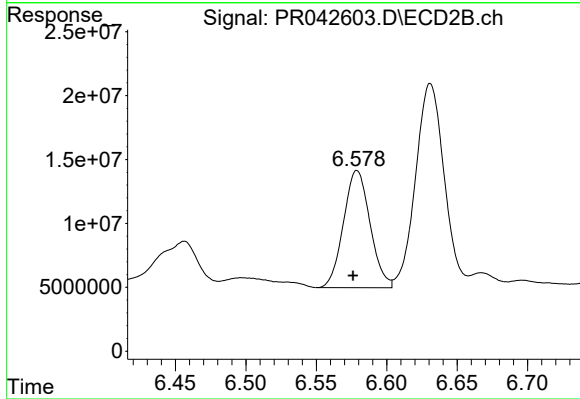
R.T.: 7.097 min
Delta R.T.: 0.003 min
Response: 84167457
Conc: 102.49 ng/ml



#31 AR-1260-1

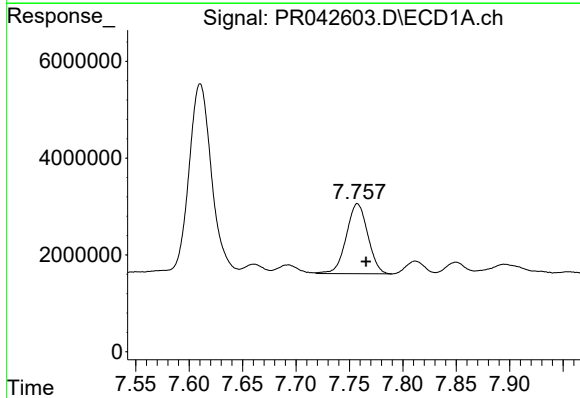
R.T.: 7.499 min
Delta R.T.: -0.012 min
Response: 94750281
Conc: 455.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



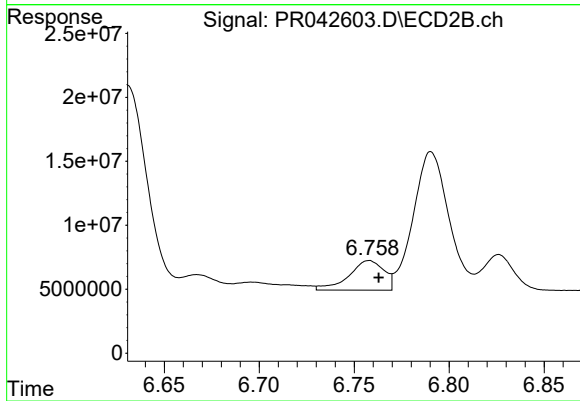
#31 AR-1260-1

R.T.: 6.579 min
Delta R.T.: 0.003 min
Response: 120420537
Conc: 208.19 ng/ml



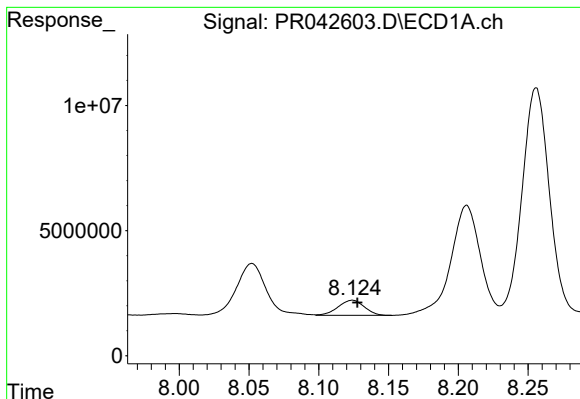
#32 AR-1260-2

R.T.: 7.758 min
Delta R.T.: -0.008 min
Response: 20277482
Conc: 82.58 ng/ml



#32 AR-1260-2

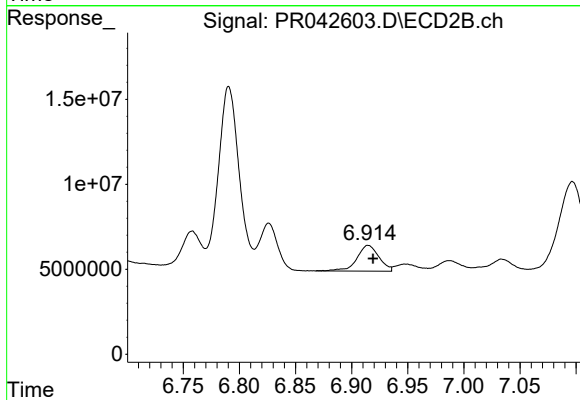
R.T.: 6.758 min
Delta R.T.: -0.005 min
Response: 29770654
Conc: 37.71 ng/ml



#33 AR-1260-3

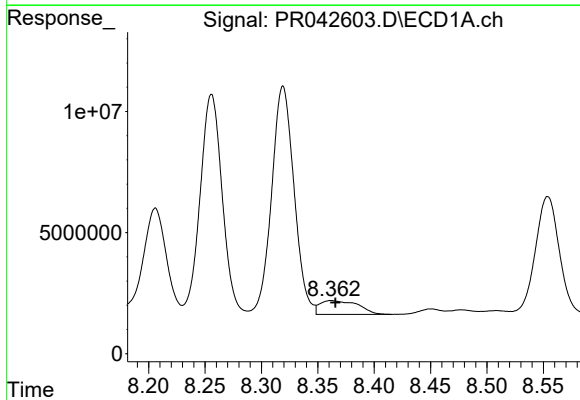
R.T.: 8.124 min
Delta R.T.: -0.003 min
Response: 7831773
Conc: 41.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



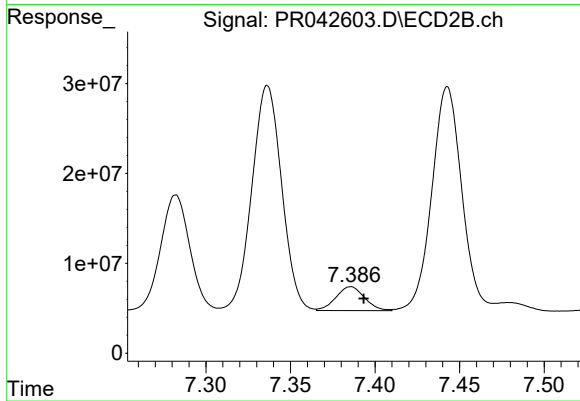
#33 AR-1260-3

R.T.: 6.915 min
Delta R.T.: -0.004 min
Response: 20699631
Conc: 30.44 ng/ml



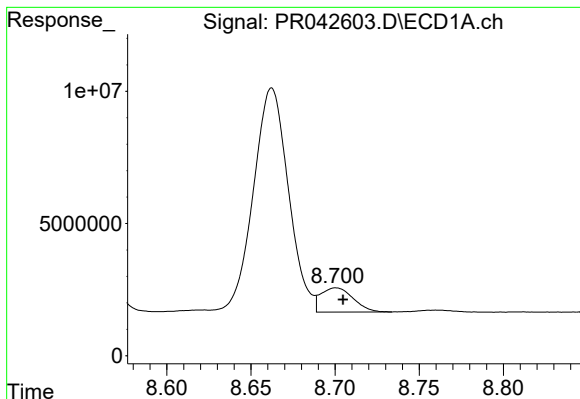
#34 AR-1260-4

R.T.: 8.362 min
Delta R.T.: -0.004 min
Response: 13420240
Conc: 63.71 ng/ml



#34 AR-1260-4

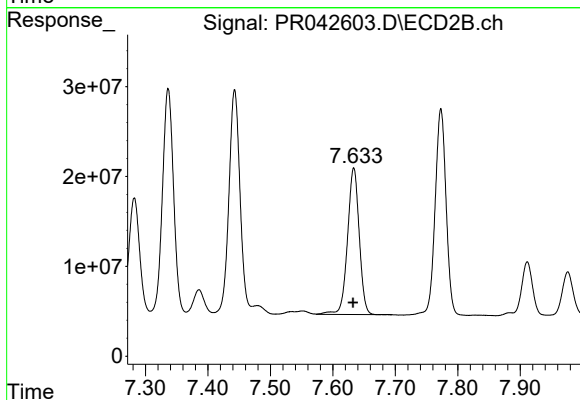
R.T.: 7.386 min
Delta R.T.: -0.008 min
Response: 31256675
Conc: 57.05 ng/ml



#35 AR-1260-5

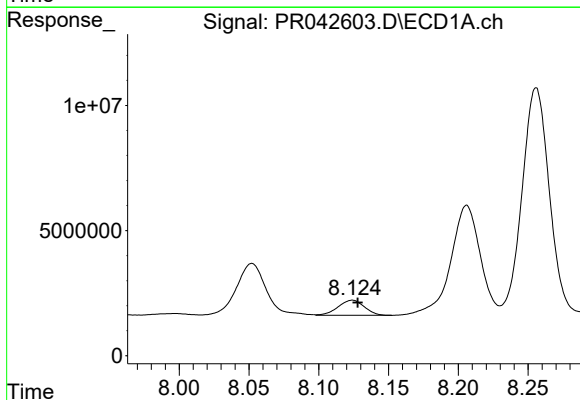
R.T.: 8.701 min
Delta R.T.: -0.004 min
Response: 12233080
Conc: 29.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



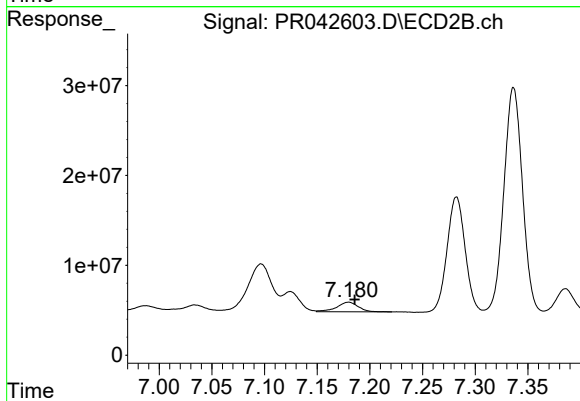
#35 AR-1260-5

R.T.: 7.634 min
Delta R.T.: 0.001 min
Response: 212764444
Conc: 144.39 ng/ml



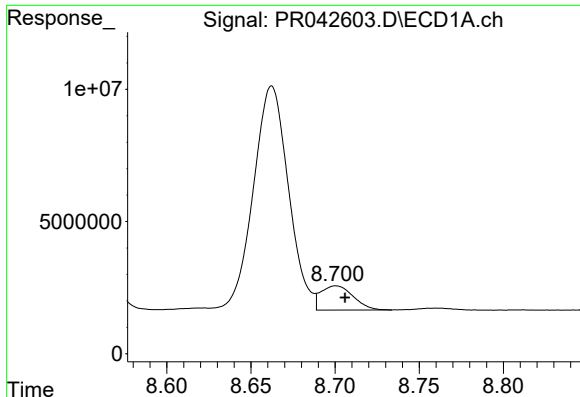
#36 AR-1262-1

R.T.: 8.124 min
Delta R.T.: -0.004 min
Response: 7831773
Conc: 26.73 ng/ml



#36 AR-1262-1

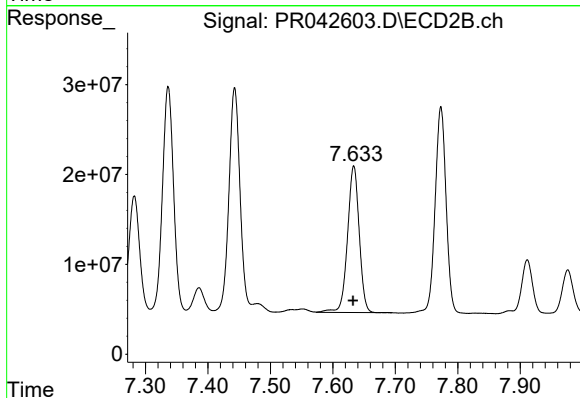
R.T.: 7.180 min
Delta R.T.: -0.006 min
Response: 15388627
Conc: 37.74 ng/ml



#37 AR-1262-2

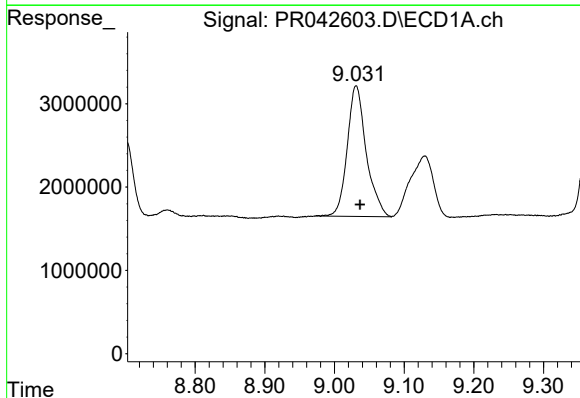
R.T.: 8.701 min
Delta R.T.: -0.005 min
Response: 12233080
Conc: 22.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



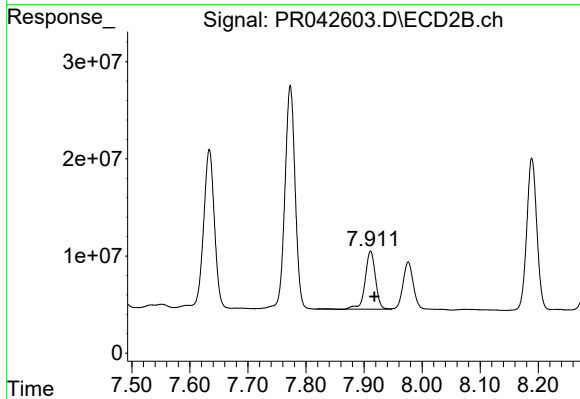
#37 AR-1262-2

R.T.: 7.634 min
Delta R.T.: 0.001 min
Response: 212764444
Conc: 114.92 ng/ml



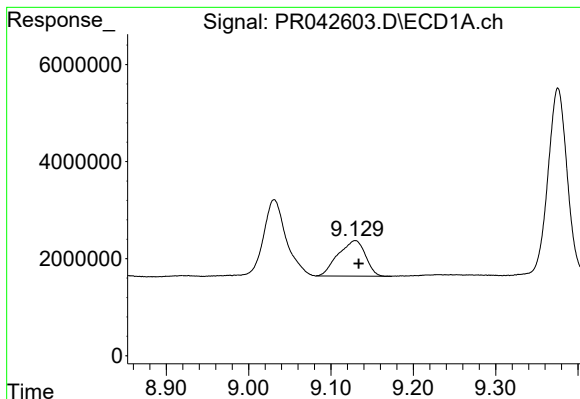
#38 AR-1262-3

R.T.: 9.031 min
Delta R.T.: -0.005 min
Response: 29692969
Conc: 86.69 ng/ml



#38 AR-1262-3

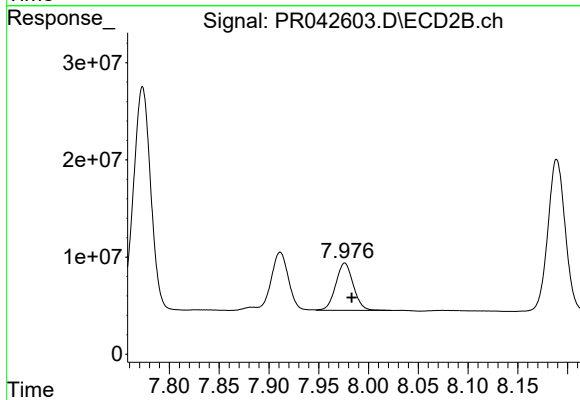
R.T.: 7.911 min
Delta R.T.: -0.007 min
Response: 74533614
Conc: 107.32 ng/ml



#39 AR-1262-4

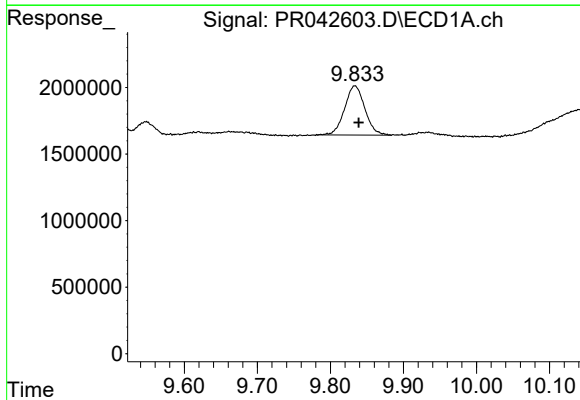
R.T.: 9.130 min
Delta R.T.: -0.004 min
Response: 16883386
Conc: 128.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



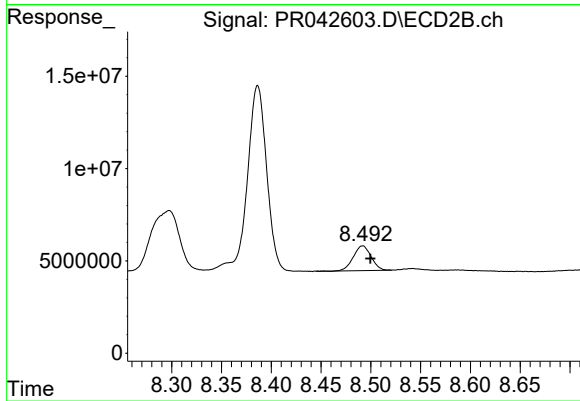
#39 AR-1262-4

R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 59841990
Conc: 49.03 ng/ml



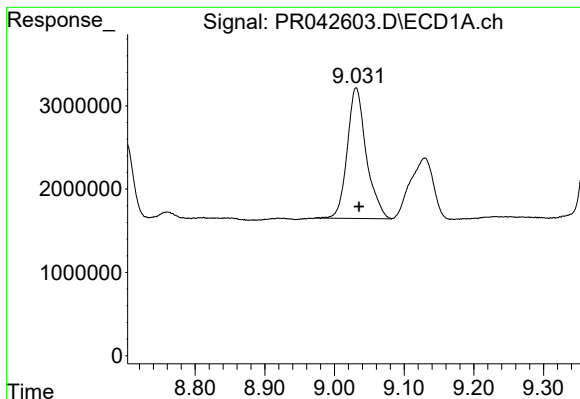
#40 AR-1262-5

R.T.: 9.834 min
Delta R.T.: -0.006 min
Response: 7111472
Conc: 43.59 ng/ml



#40 AR-1262-5

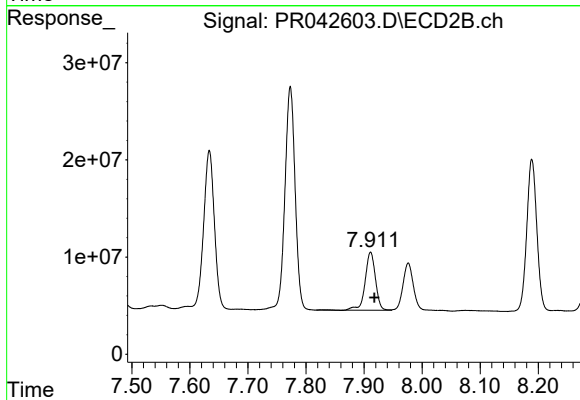
R.T.: 8.492 min
Delta R.T.: -0.008 min
Response: 16632590
Conc: 31.52 ng/ml



#41 AR-1268-1

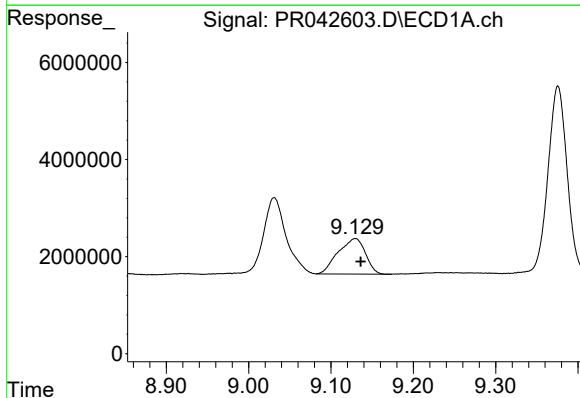
R.T.: 9.031 min
Delta R.T.: -0.004 min
Response: 29692969
Conc: 54.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



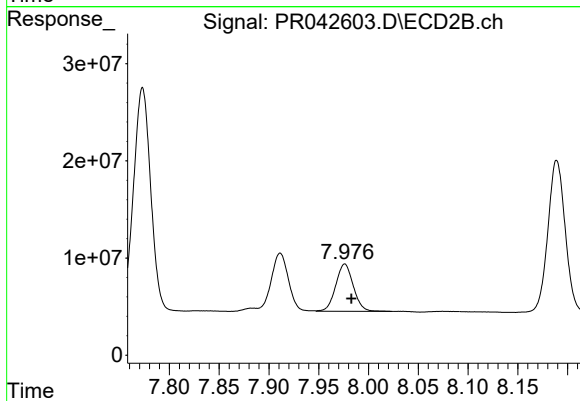
#41 AR-1268-1

R.T.: 7.911 min
Delta R.T.: -0.007 min
Response: 74533614
Conc: 39.69 ng/ml



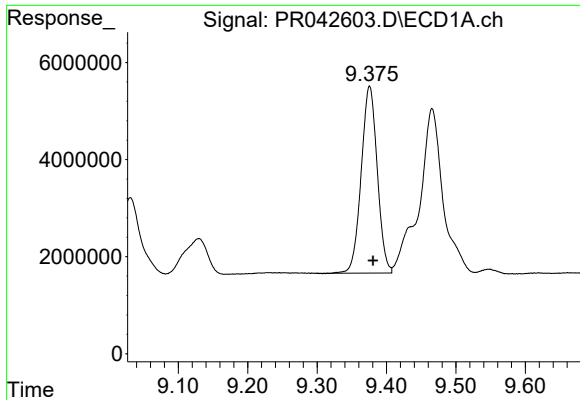
#42 AR-1268-2

R.T.: 9.130 min
Delta R.T.: -0.007 min
Response: 16883386
Conc: 34.87 ng/ml



#42 AR-1268-2

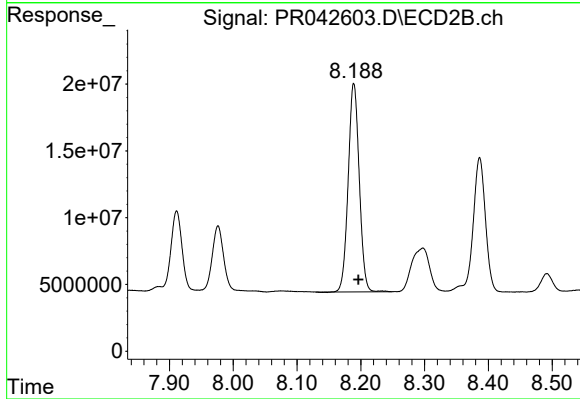
R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 59841990
Conc: 35.86 ng/ml



#43 AR-1268-3

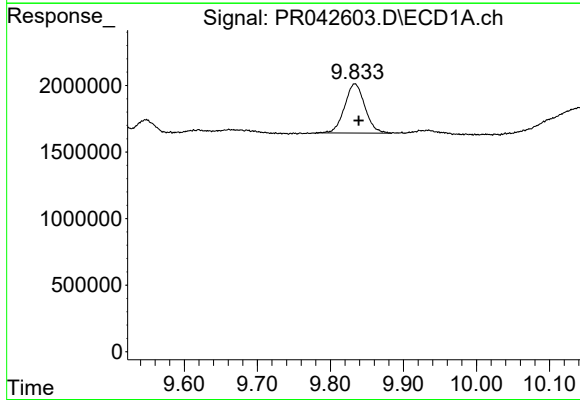
R.T.: 9.376 min
Delta R.T.: -0.005 min
Response: 61803954
Conc: 156.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



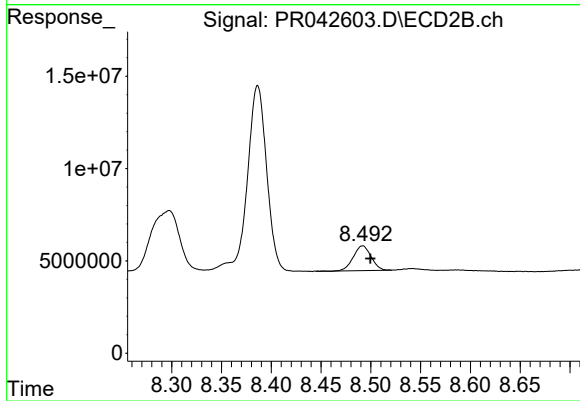
#43 AR-1268-3

R.T.: 8.189 min
Delta R.T.: -0.007 min
Response: 188331101
Conc: 133.95 ng/ml



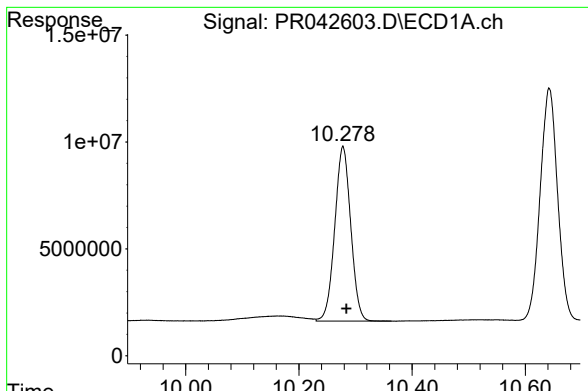
#44 AR-1268-4

R.T.: 9.834 min
Delta R.T.: -0.005 min
Response: 7111472
Conc: 42.75 ng/ml



#44 AR-1268-4

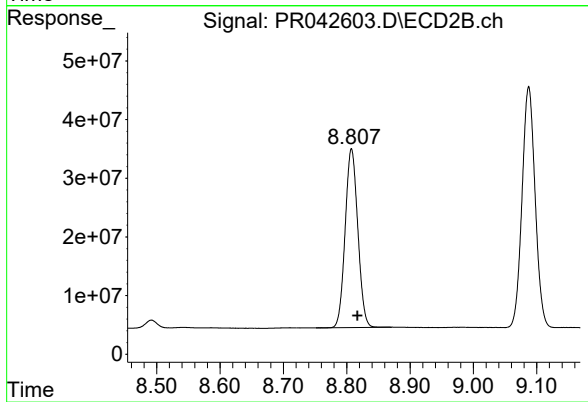
R.T.: 8.492 min
Delta R.T.: -0.008 min
Response: 16632590
Conc: 30.73 ng/ml



#45 AR-1268-5

R.T.: 10.278 min
Delta R.T.: -0.006 min
Response: 160006968
Conc: 130.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.808 min
Delta R.T.: -0.009 min
Response: 422328200
Conc: 110.56 ng/ml