

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042121\
 Data File : PQ053109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2021 12:27
 Operator : DD\AJ
 Sample : M2084-08
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 07:29:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.223	4.239	582.4E6	237.8E6	20.757	20.449
2)	SA Decachlor...	11.415	9.580	1176.7E6	497.1E6	41.605	39.943
Target Compounds							
3)	L1 AR-1016-1	6.498f	0.000	17960486	0	18.434	N.D. #
5)	L1 AR-1016-3	0.000	5.703	0	380196	N.D.	1.153 #
6)	L1 AR-1016-4	0.000	5.732	0	153176	N.D.	0.588 #
7)	L1 AR-1016-5	0.000	5.987	0	6316177	N.D.	19.006 #
8)	L2 AR-1221-1	5.488	0.000	23582851	0	77.541	N.D. #
9)	L2 AR-1221-2	5.578	4.590	8460294	2215776	41.002	24.937 #
10)	L2 AR-1221-3	5.690	4.692	6004789	1082584	8.650	3.506 #
11)	L3 AR-1232-1	5.690	4.692	6004789	1082584	11.563	4.742 #
12)	L3 AR-1232-2	6.282	0.000	39181141	0	139.926	N.D. #
13)	L3 AR-1232-3	0.000	5.703	0	380196	N.D.	3.109 #
15)	L3 AR-1232-5	0.000	5.987	0	6316177	N.D.	53.849 #
16)	L4 AR-1242-1	6.498f	0.000	17960486	0	19.807	N.D. #
18)	L4 AR-1242-3	0.000	5.703	0	380196	N.D.	1.255 #
20)	L4 AR-1242-5	7.482f	0.000	4950547	0	6.786	N.D. #
21)	L5 AR-1248-1	6.498f	0.000	17960486	0	29.026	N.D. #
22)	L5 AR-1248-2	0.000	5.732	0	153176	N.D.	0.412 #
24)	L5 AR-1248-4	7.482	5.987	4950547	6316177	4.332	13.511 #
25)	L5 AR-1248-5	7.482f	6.480f	4950547	2777405	4.344	5.644 #
26)	L6 AR-1254-1	7.455	0.000	5436599	0	3.458	N.D. #
27)	L6 AR-1254-2	7.681	6.529	16901108	6061335	6.903	6.355
28)	L6 AR-1254-3	8.123f	6.949	9358364	18040741	3.556	11.648 #
29)	L6 AR-1254-4	8.366	7.186	16893725	6874127	8.778	6.565 #
30)	L6 AR-1254-5	8.791	7.616	84810175	26573674	41.459	18.211 #
31)	L7 AR-1260-1	8.235	7.086	22370222	26311167	19.431	40.602 #
32)	L7 AR-1260-2	8.499	7.282	41444887	34631931	29.746	37.361 #
33)	L7 AR-1260-3	8.865	7.438	30901191	11725626	28.861	15.069 #
34)	L7 AR-1260-4	9.109	7.921	28650976	19642389	23.661	28.932
35)	L7 AR-1260-5	9.455	8.167	33524406	33401759	13.102	18.054 #
36)	L8 AR-1262-1	8.865	7.616	30901191	26573674	15.450	43.351 #
37)	L8 AR-1262-2	9.455	8.167	33524406	33401759	9.034	13.145 #
38)	L8 AR-1262-3	9.813	8.455	33281750	7228271	13.262	7.115 #
39)	L8 AR-1262-4	9.867	8.518	15886982	19351996	7.949	11.233 #
40)	L8 AR-1262-5	10.602	9.022	11265828	10521450	7.948	13.517 #
41)	L9 AR-1268-1	9.813	8.455	33281750	7228271	7.480	2.468 #
42)	L9 AR-1268-2	9.867	8.518	15886982	19351996	3.705	7.773 #
43)	L9 AR-1268-3	0.000	8.727	0	10775808	N.D.	4.971 #
44)	L9 AR-1268-4	10.602	9.022	11265828	10521450	7.318	12.334 #
45)	L9 AR-1268-5	11.051	9.321	9969555	5485873	0.774	0.885

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Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Apr 21 07:47:07 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

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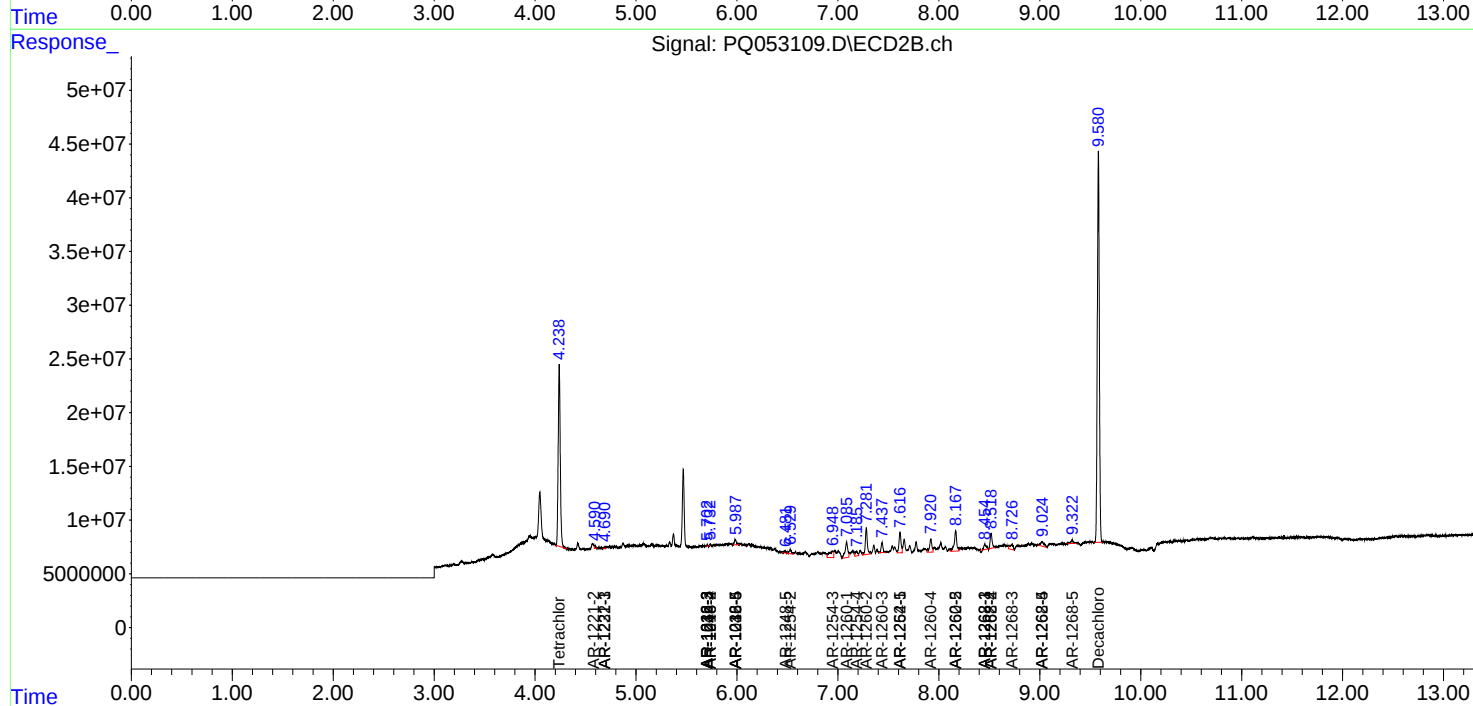
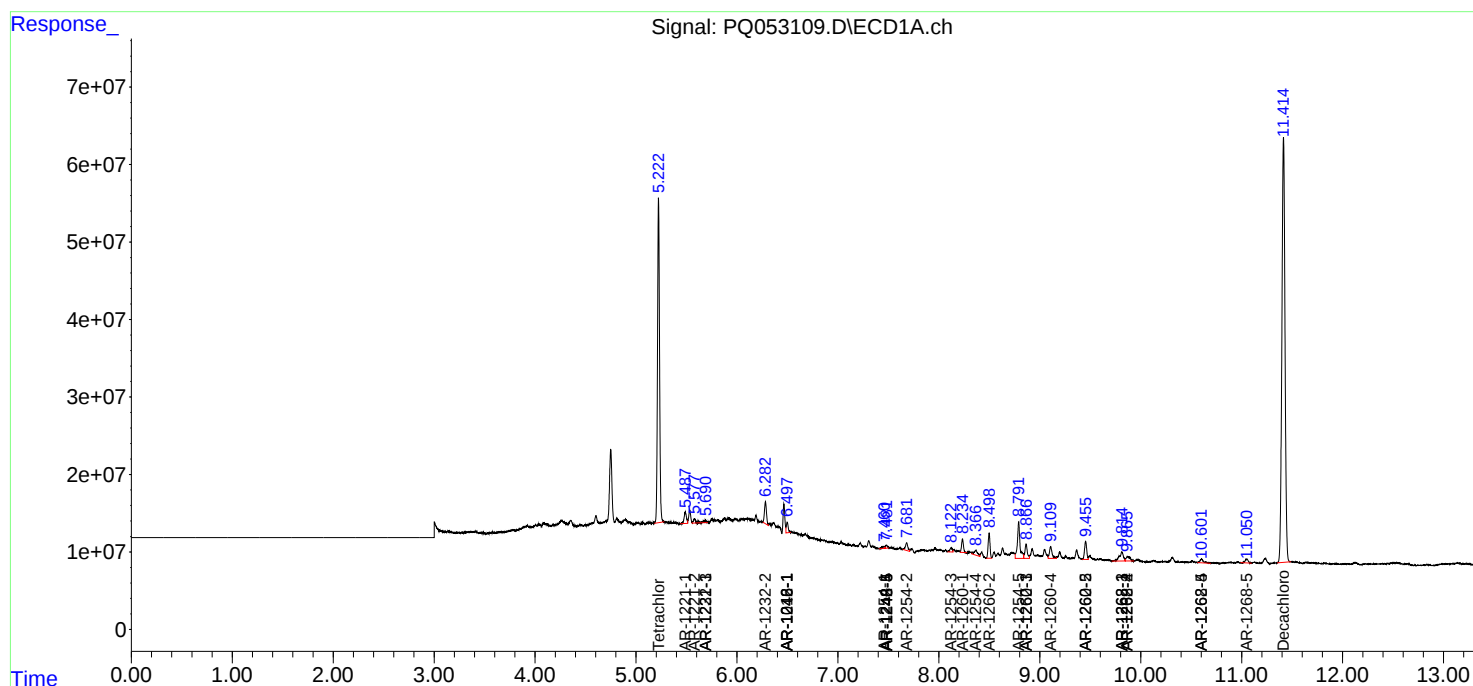
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

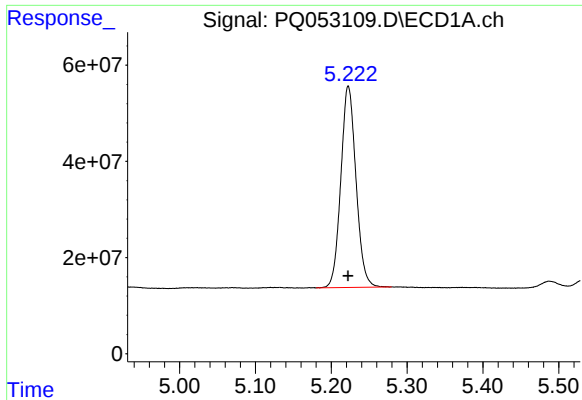
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042121\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

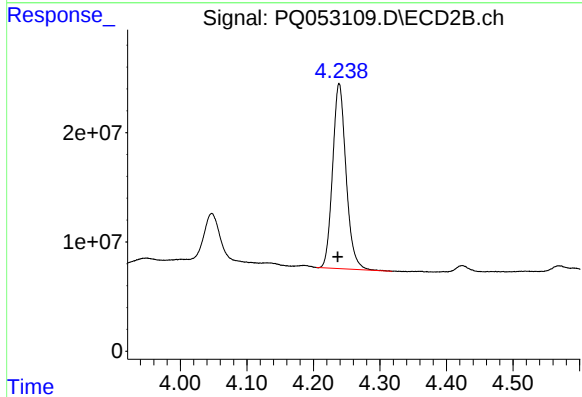




#1 Tetrachloro-m-xylene

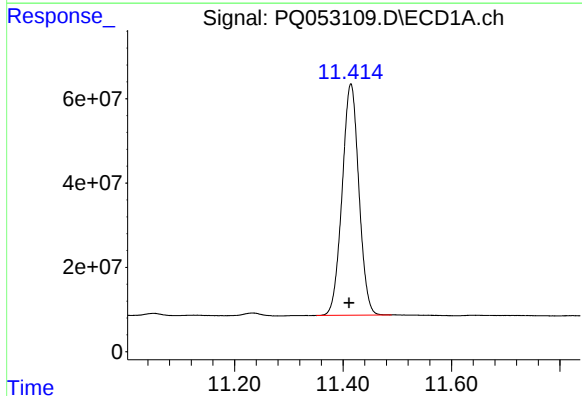
R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 582431318
Conc: 20.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



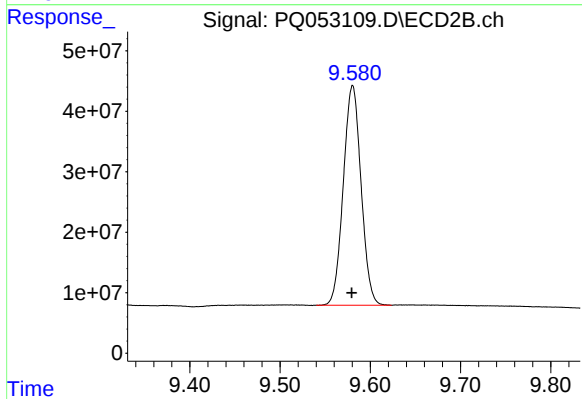
#1 Tetrachloro-m-xylene

R.T.: 4.239 min
Delta R.T.: 0.002 min
Response: 237794051
Conc: 20.45 ng/ml



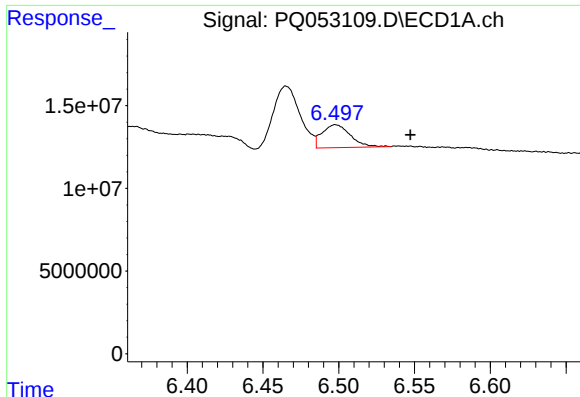
#2 Decachlorobiphenyl

R.T.: 11.415 min
Delta R.T.: 0.003 min
Response: 1176662369
Conc: 41.60 ng/ml



#2 Decachlorobiphenyl

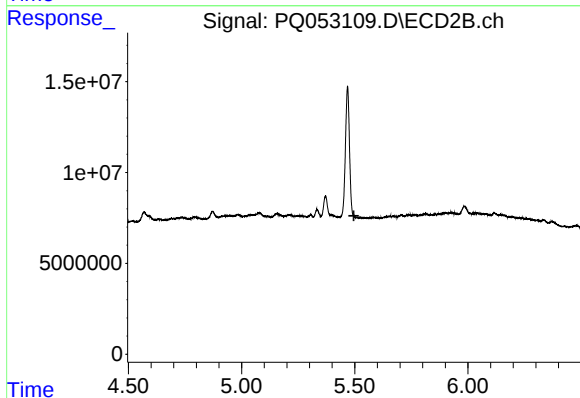
R.T.: 9.580 min
Delta R.T.: 0.001 min
Response: 497142478
Conc: 39.94 ng/ml



#3 AR-1016-1

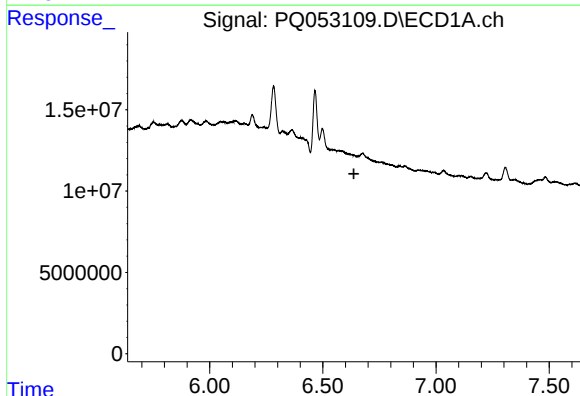
R.T.: 6.498 min
Delta R.T.: -0.049 min
Response: 17960486
Conc: 18.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



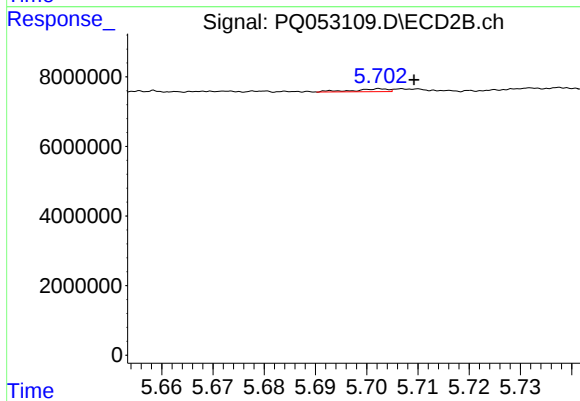
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.496 min
Response: 0
Conc: N.D.



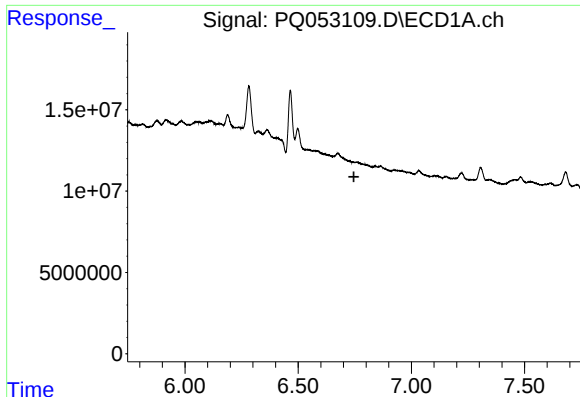
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 6.637 min
Response: 0
Conc: N.D.



#5 AR-1016-3

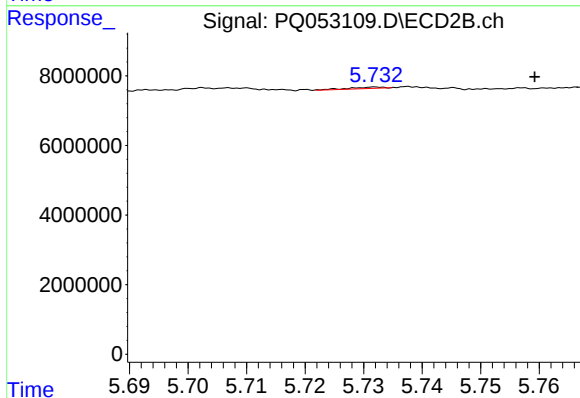
R.T.: 5.703 min
Delta R.T.: -0.006 min
Response: 380196
Conc: 1.15 ng/ml



#6 AR-1016-4

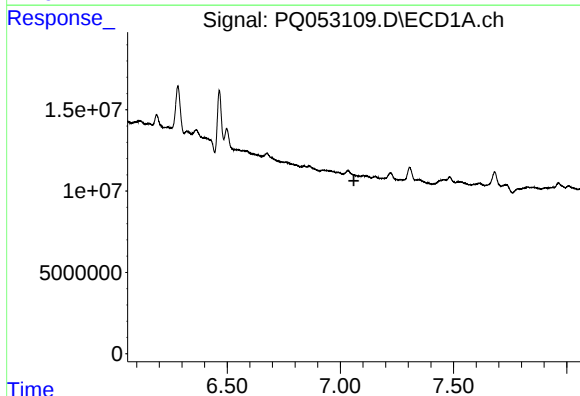
R.T.: 0.000 min
Exp R.T.: 6.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



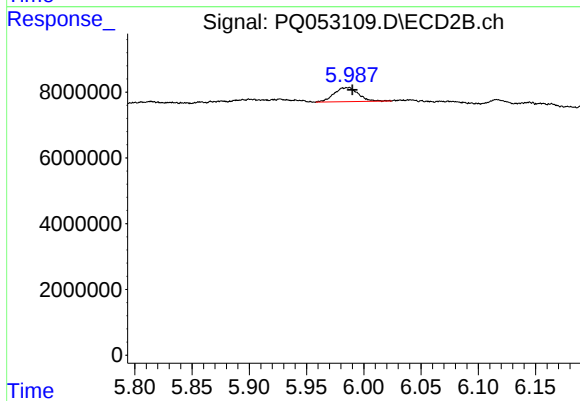
#6 AR-1016-4

R.T.: 5.732 min
Delta R.T.: -0.027 min
Response: 153176
Conc: 0.59 ng/ml



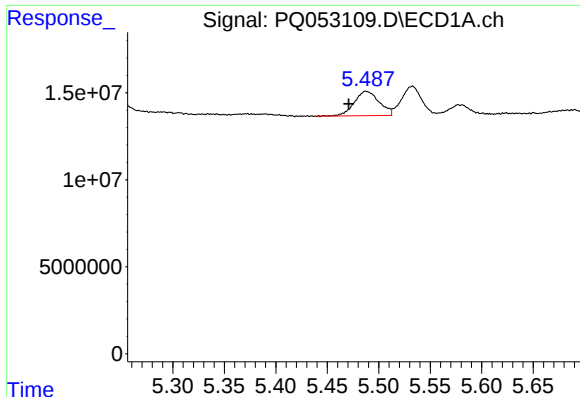
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 7.060 min
Response: 0
Conc: N.D.



#7 AR-1016-5

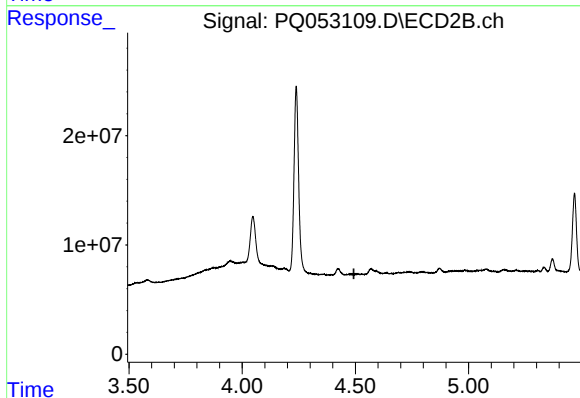
R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 6316177
Conc: 19.01 ng/ml



#8 AR-1221-1

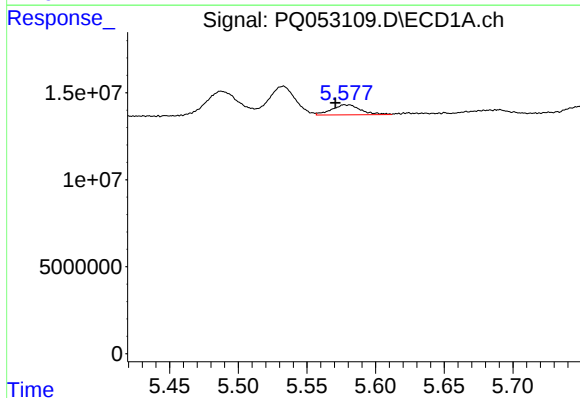
R.T.: 5.488 min
Delta R.T.: 0.017 min
Response: 23582851
Conc: 77.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



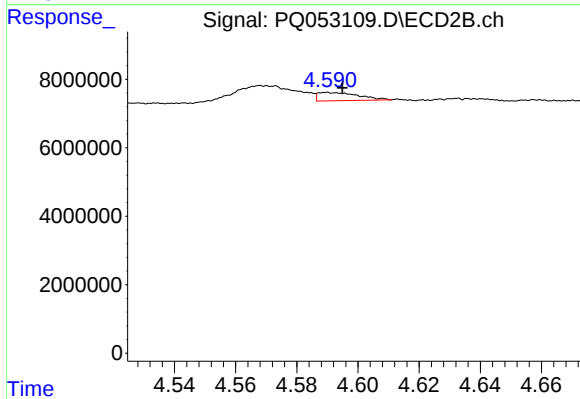
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.494 min
Response: 0
Conc: N.D.



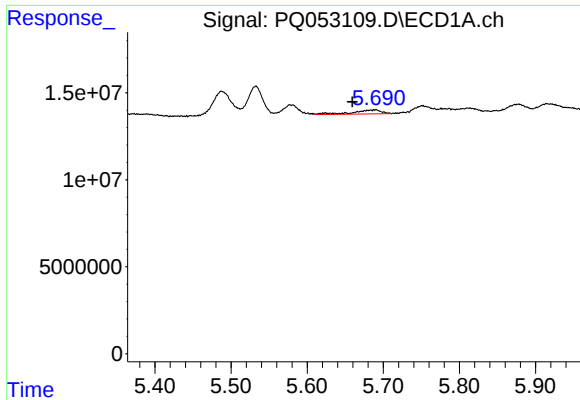
#9 AR-1221-2

R.T.: 5.578 min
Delta R.T.: 0.007 min
Response: 8460294
Conc: 41.00 ng/ml



#9 AR-1221-2

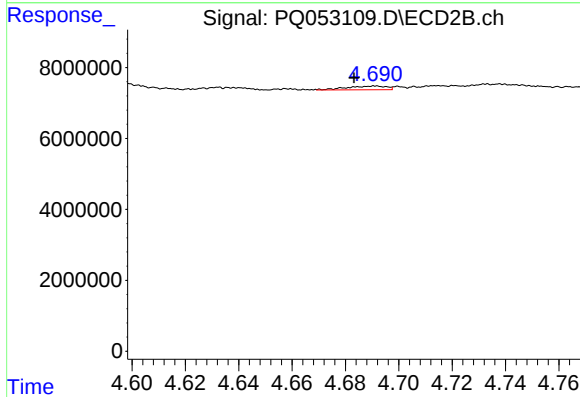
R.T.: 4.590 min
Delta R.T.: -0.005 min
Response: 2215776
Conc: 24.94 ng/ml



#10 AR-1221-3

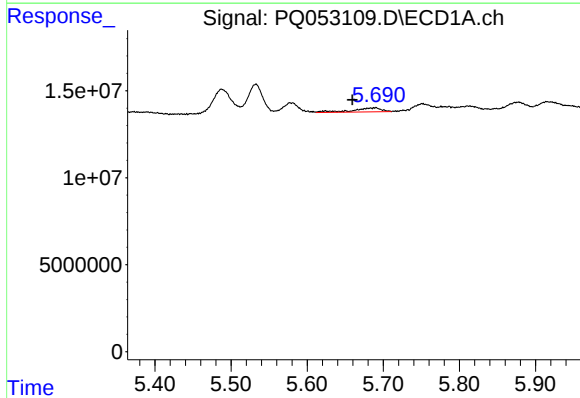
R.T.: 5.690 min
Delta R.T.: 0.031 min
Response: 6004789
Conc: 8.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



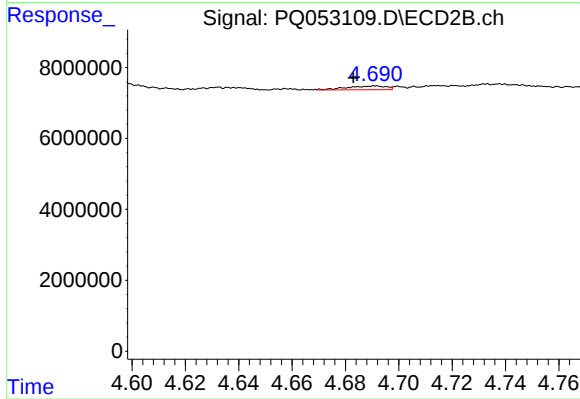
#10 AR-1221-3

R.T.: 4.692 min
Delta R.T.: 0.008 min
Response: 1082584
Conc: 3.51 ng/ml



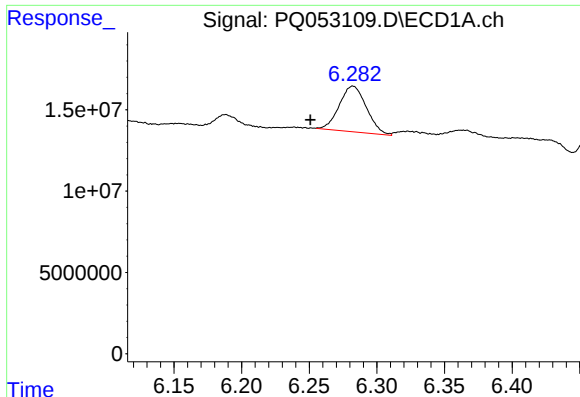
#11 AR-1232-1

R.T.: 5.690 min
Delta R.T.: 0.031 min
Response: 6004789
Conc: 11.56 ng/ml



#11 AR-1232-1

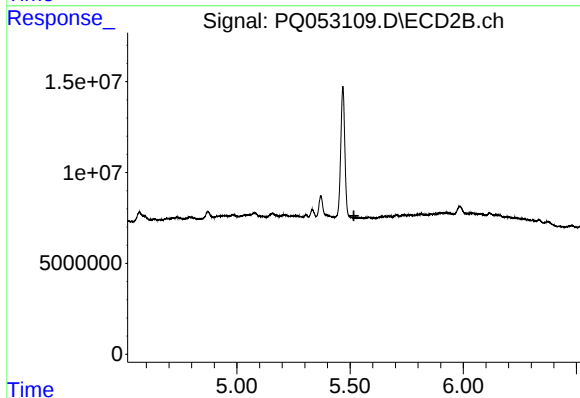
R.T.: 4.692 min
Delta R.T.: 0.008 min
Response: 1082584
Conc: 4.74 ng/ml



#12 AR-1232-2

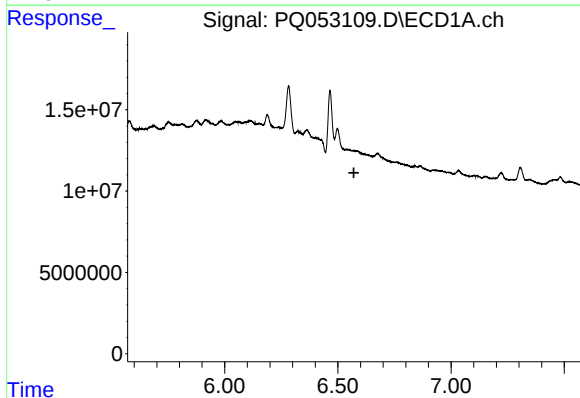
R.T.: 6.282 min
Delta R.T.: 0.031 min
Response: 39181141
Conc: 139.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



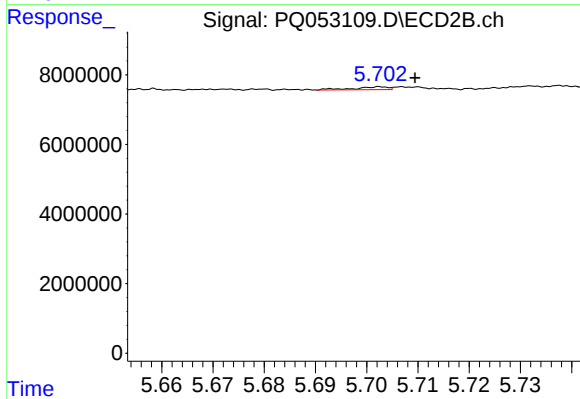
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.517 min
Response: 0
Conc: N.D.



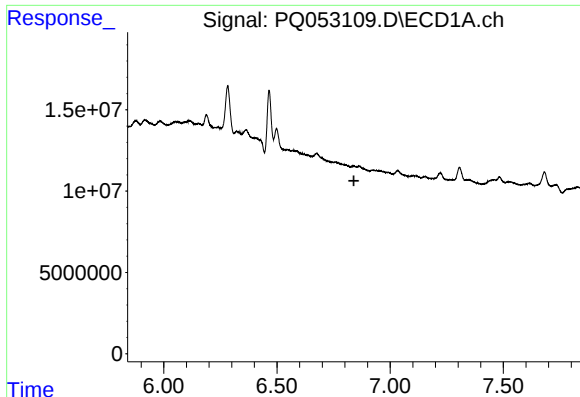
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.571 min
Response: 0
Conc: N.D.



#13 AR-1232-3

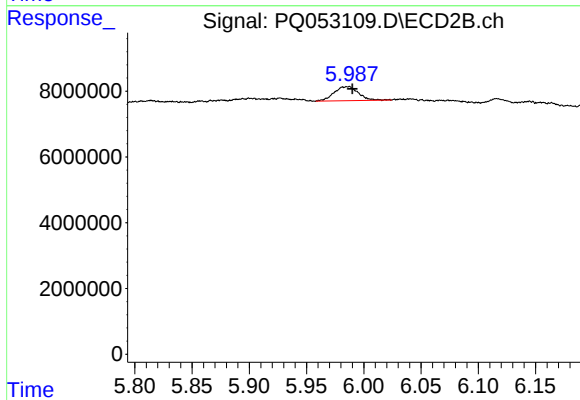
R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 380196
Conc: 3.11 ng/ml



#15 AR-1232-5

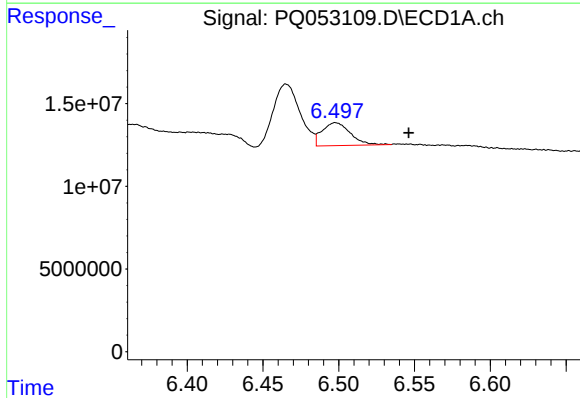
R.T.: 0.000 min
Exp R.T.: 6.840 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



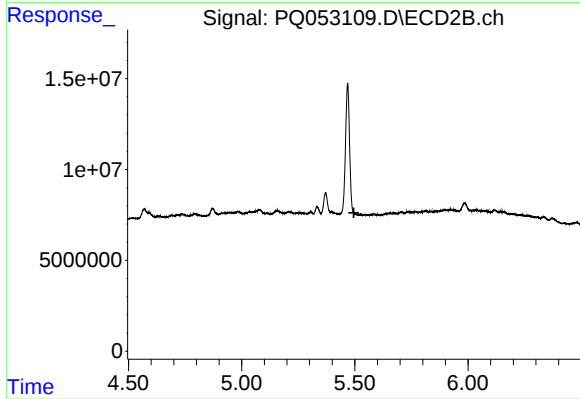
#15 AR-1232-5

R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 6316177
Conc: 53.85 ng/ml



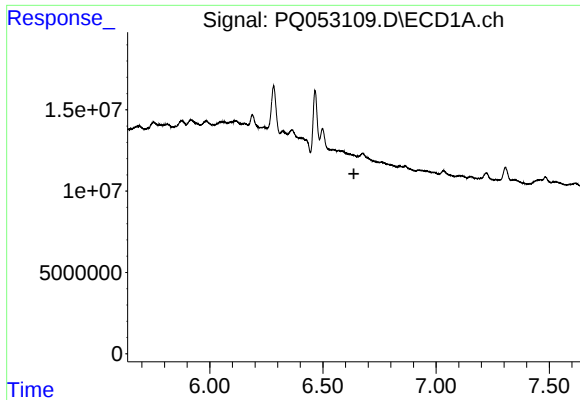
#16 AR-1242-1

R.T.: 6.498 min
Delta R.T.: -0.048 min
Response: 17960486
Conc: 19.81 ng/ml



#16 AR-1242-1

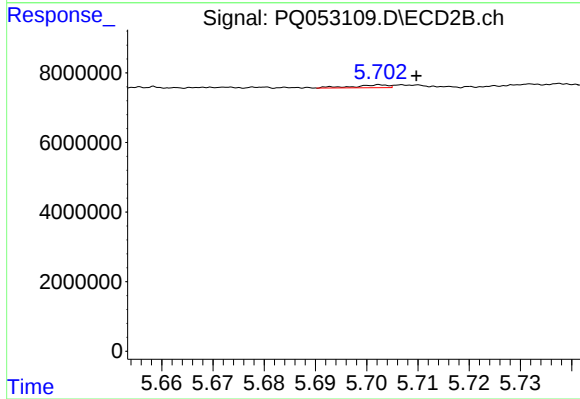
R.T.: 0.000 min
Exp R.T.: 5.496 min
Response: 0
Conc: N.D.



#18 AR-1242-3

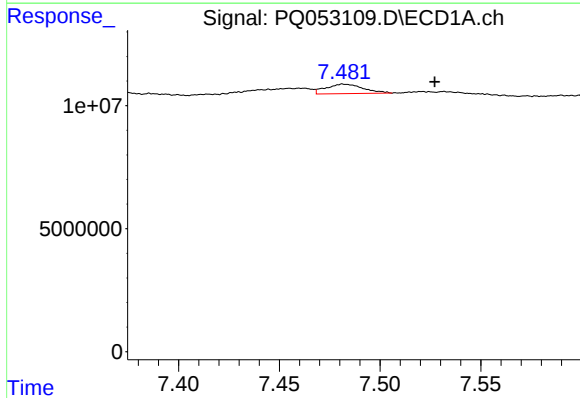
R.T.: 0.000 min
Exp R.T.: 6.637 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



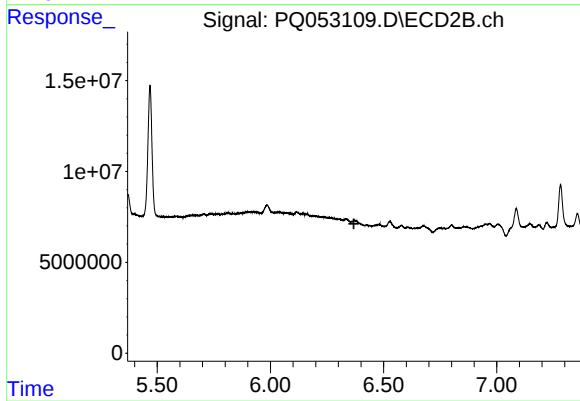
#18 AR-1242-3

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 380196
Conc: 1.26 ng/ml



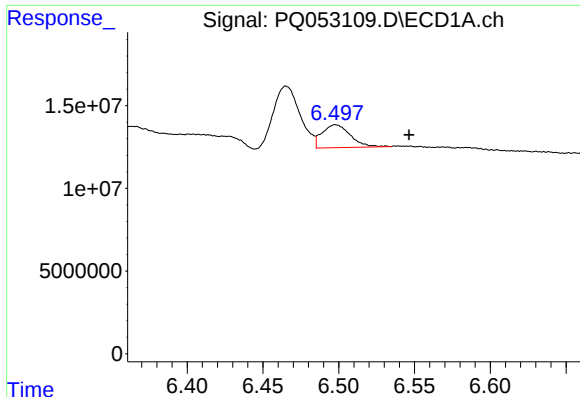
#20 AR-1242-5

R.T.: 7.482 min
Delta R.T.: -0.045 min
Response: 4950547
Conc: 6.79 ng/ml



#20 AR-1242-5

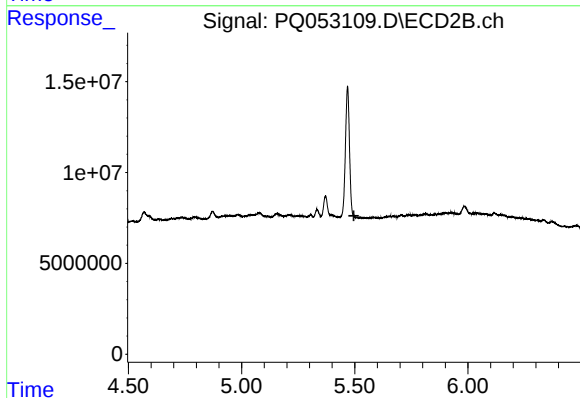
R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.



#21 AR-1248-1

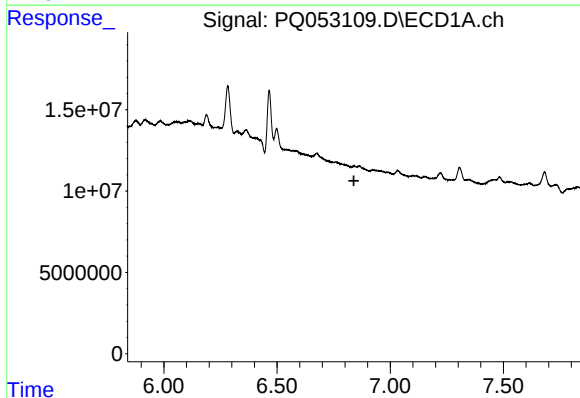
R.T.: 6.498 min
Delta R.T.: -0.049 min
Response: 17960486
Conc: 29.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



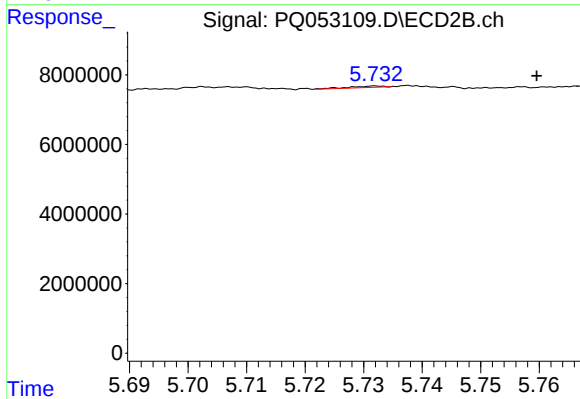
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.496 min
Response: 0
Conc: N.D.



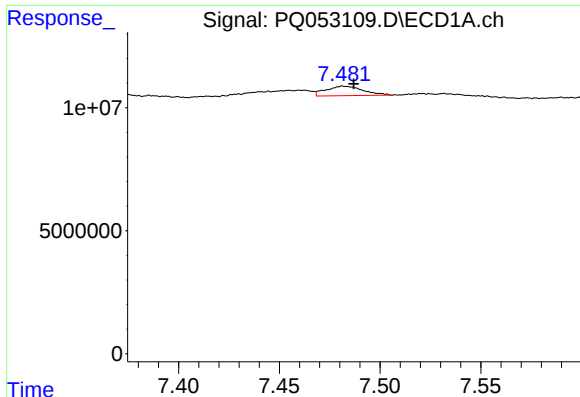
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.840 min
Response: 0
Conc: N.D.



#22 AR-1248-2

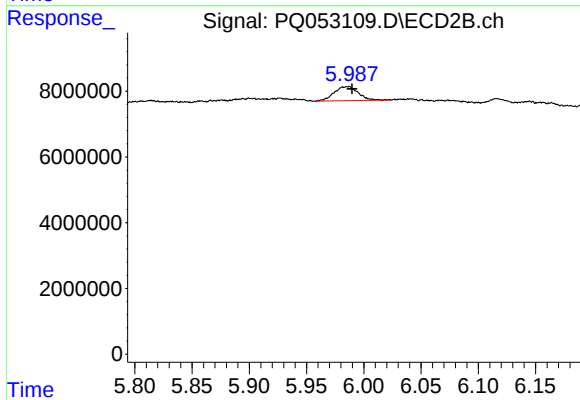
R.T.: 5.732 min
Delta R.T.: -0.027 min
Response: 153176
Conc: 0.41 ng/ml



#24 AR-1248-4

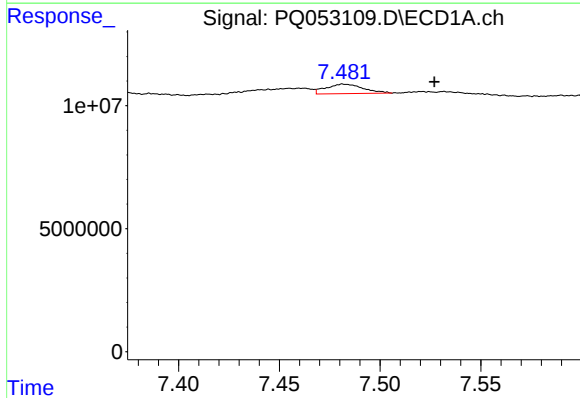
R.T.: 7.482 min
Delta R.T.: -0.005 min
Response: 4950547
Conc: 4.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



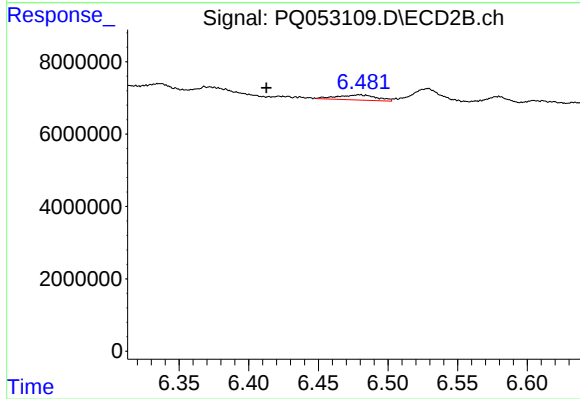
#24 AR-1248-4

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 6316177
Conc: 13.51 ng/ml



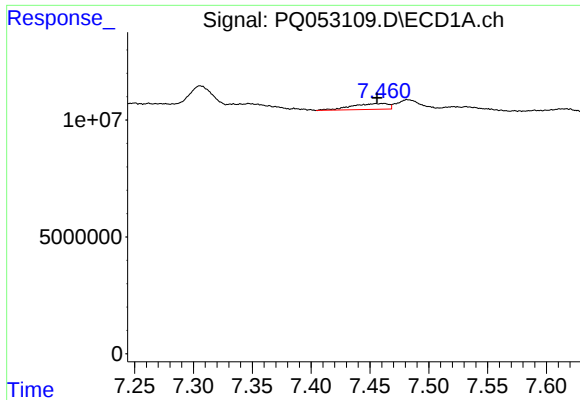
#25 AR-1248-5

R.T.: 7.482 min
Delta R.T.: -0.045 min
Response: 4950547
Conc: 4.34 ng/ml



#25 AR-1248-5

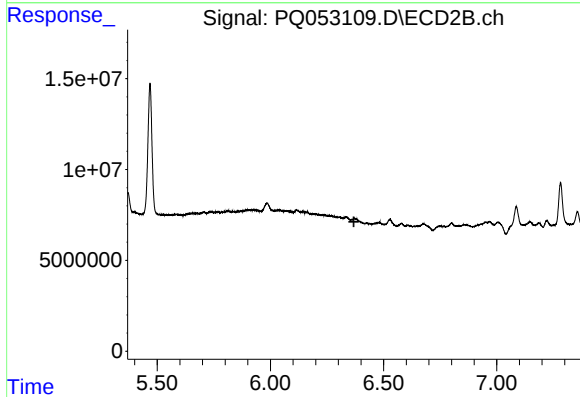
R.T.: 6.480 min
Delta R.T.: 0.067 min
Response: 2777405
Conc: 5.64 ng/ml



#26 AR-1254-1

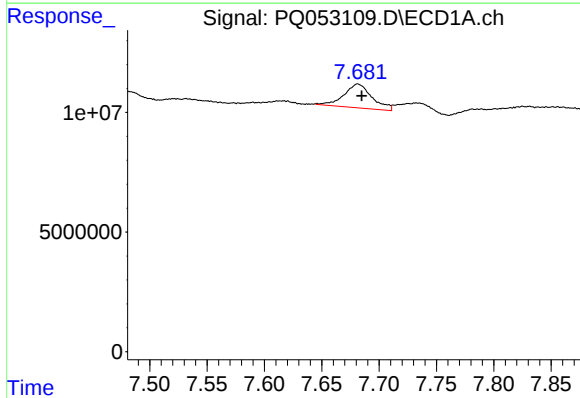
R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 5436599
Conc: 3.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



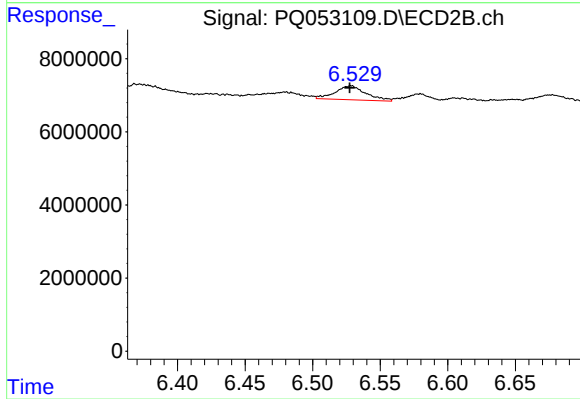
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.369 min
Response: 0
Conc: N.D.



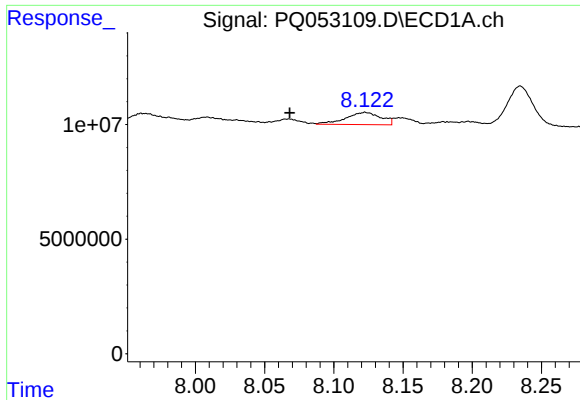
#27 AR-1254-2

R.T.: 7.681 min
Delta R.T.: -0.003 min
Response: 16901108
Conc: 6.90 ng/ml



#27 AR-1254-2

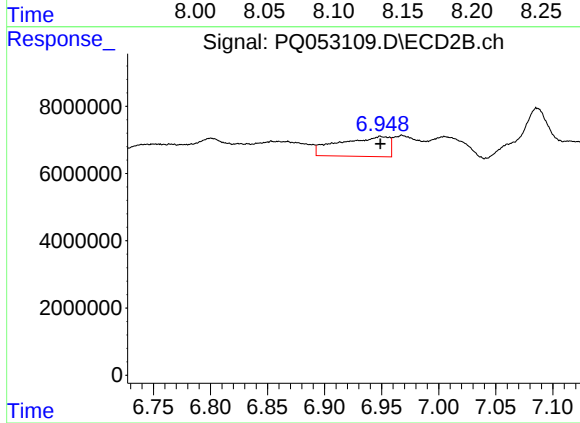
R.T.: 6.529 min
Delta R.T.: 0.001 min
Response: 6061335
Conc: 6.35 ng/ml



#28 AR-1254-3

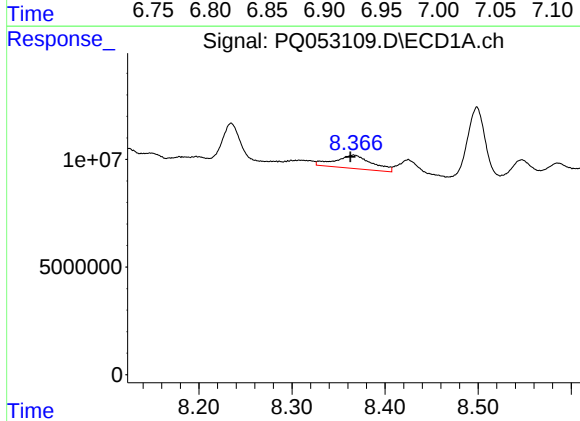
R.T.: 8.123 min
Delta R.T.: 0.054 min
Response: 9358364
Conc: 3.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



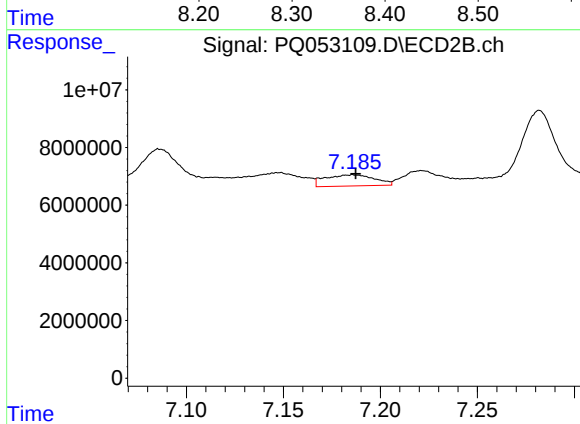
#28 AR-1254-3

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 18040741
Conc: 11.65 ng/ml



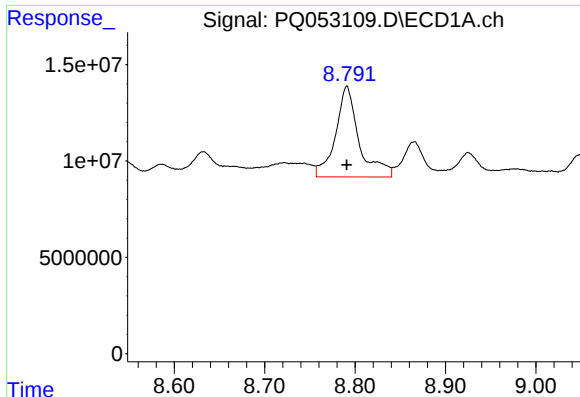
#29 AR-1254-4

R.T.: 8.366 min
Delta R.T.: 0.004 min
Response: 16893725
Conc: 8.78 ng/ml



#29 AR-1254-4

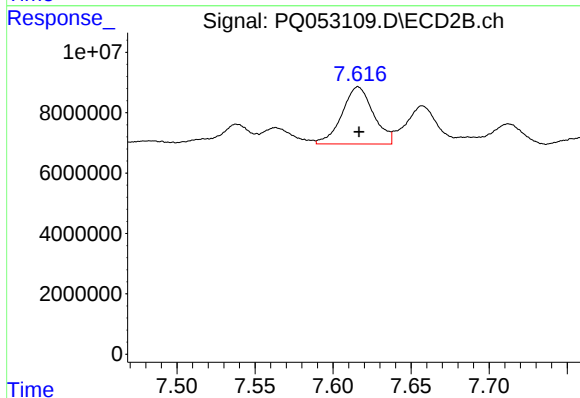
R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 6874127
Conc: 6.56 ng/ml



#30 AR-1254-5

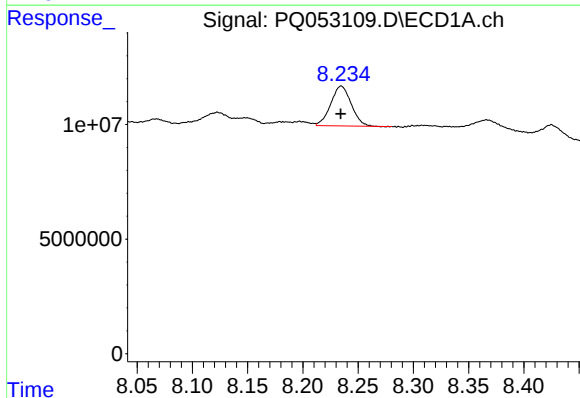
R.T.: 8.791 min
Delta R.T.: 0.000 min
Response: 84810175
Conc: 41.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



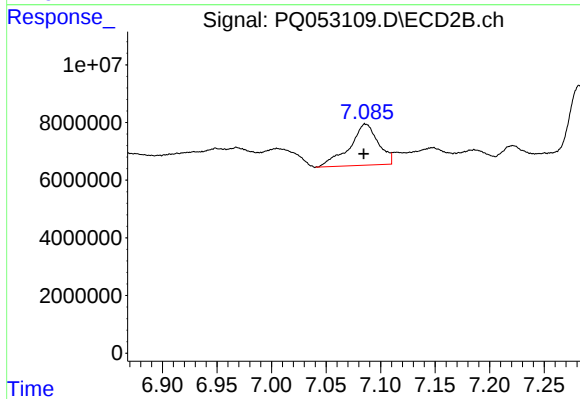
#30 AR-1254-5

R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 26573674
Conc: 18.21 ng/ml



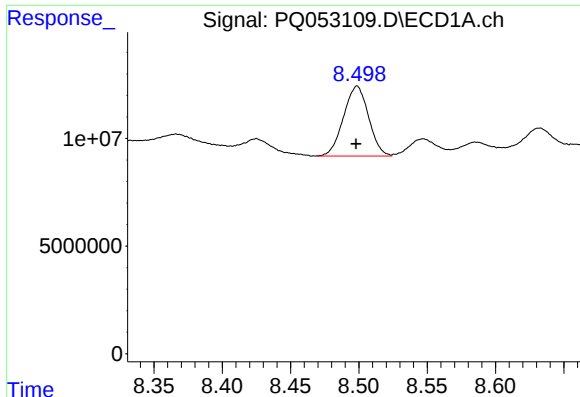
#31 AR-1260-1

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 22370222
Conc: 19.43 ng/ml



#31 AR-1260-1

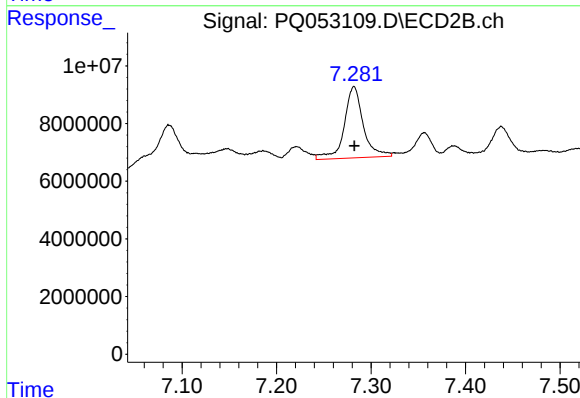
R.T.: 7.086 min
Delta R.T.: 0.002 min
Response: 26311167
Conc: 40.60 ng/ml



#32 AR-1260-2

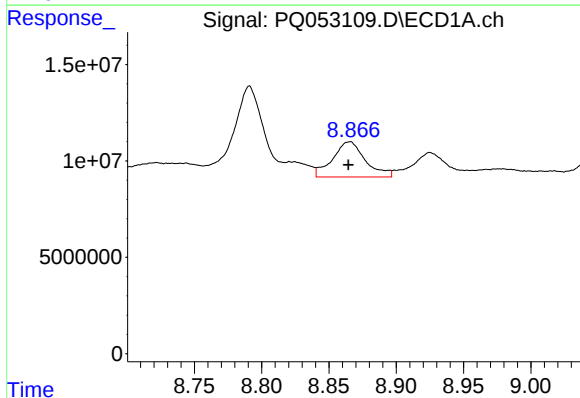
R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 41444887
Conc: 29.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



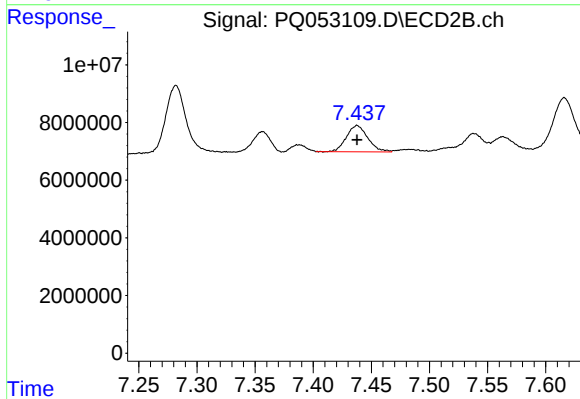
#32 AR-1260-2

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 34631931
Conc: 37.36 ng/ml



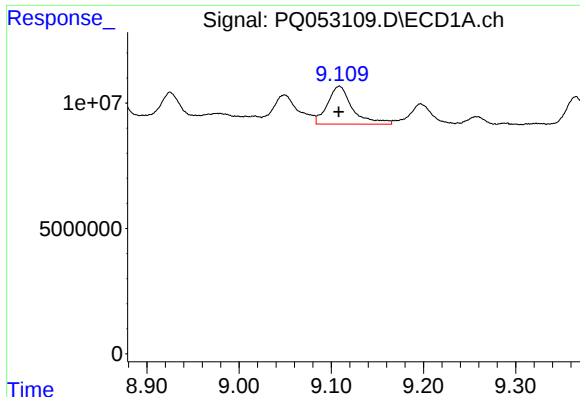
#33 AR-1260-3

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 30901191
Conc: 28.86 ng/ml



#33 AR-1260-3

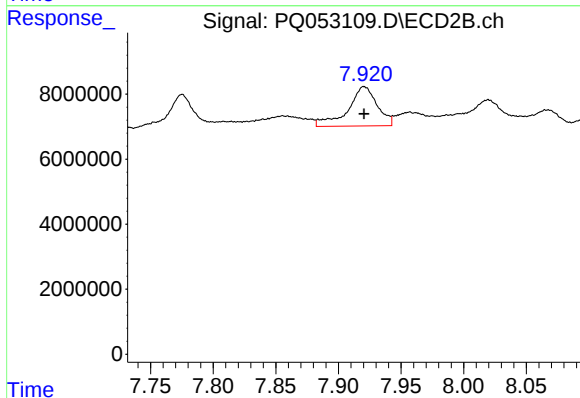
R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 11725626
Conc: 15.07 ng/ml



#34 AR-1260-4

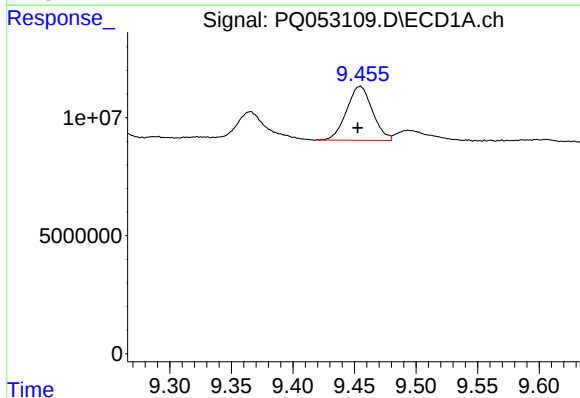
R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 28650976
Conc: 23.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



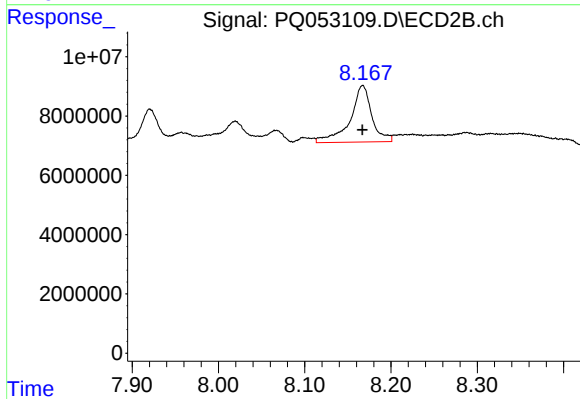
#34 AR-1260-4

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 19642389
Conc: 28.93 ng/ml



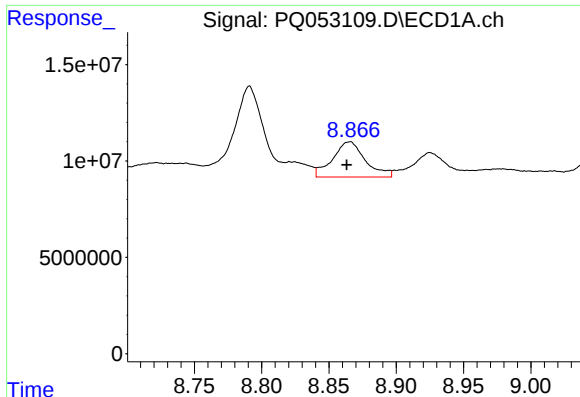
#35 AR-1260-5

R.T.: 9.455 min
Delta R.T.: 0.002 min
Response: 33524406
Conc: 13.10 ng/ml



#35 AR-1260-5

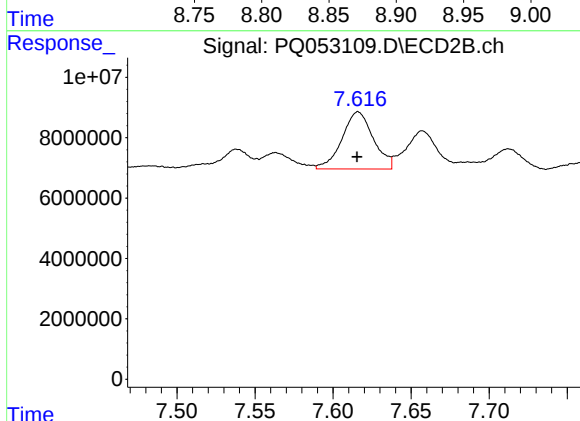
R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 33401759
Conc: 18.05 ng/ml



#36 AR-1262-1

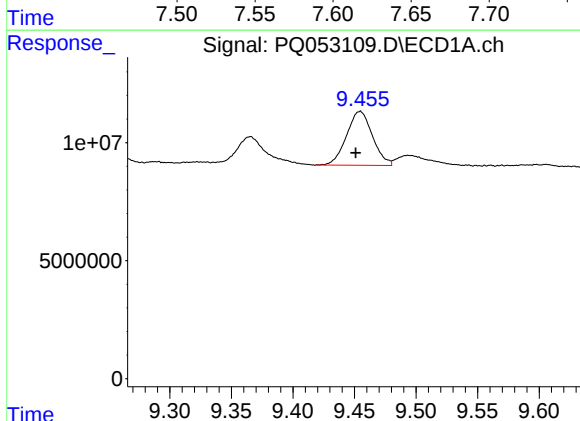
R.T.: 8.865 min
Delta R.T.: 0.002 min
Response: 30901191
Conc: 15.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



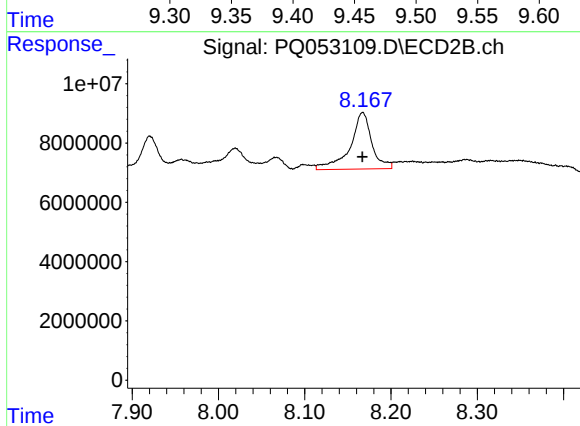
#36 AR-1262-1

R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 26573674
Conc: 43.35 ng/ml



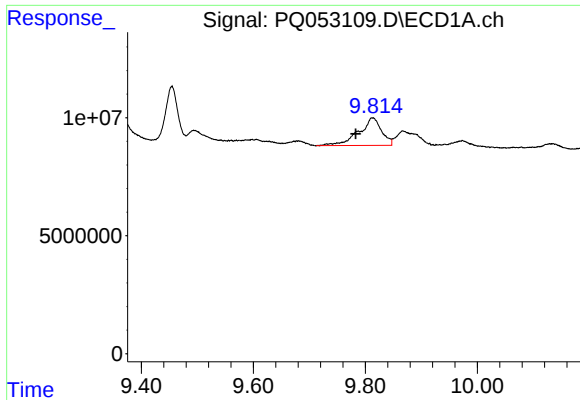
#37 AR-1262-2

R.T.: 9.455 min
Delta R.T.: 0.004 min
Response: 33524406
Conc: 9.03 ng/ml



#37 AR-1262-2

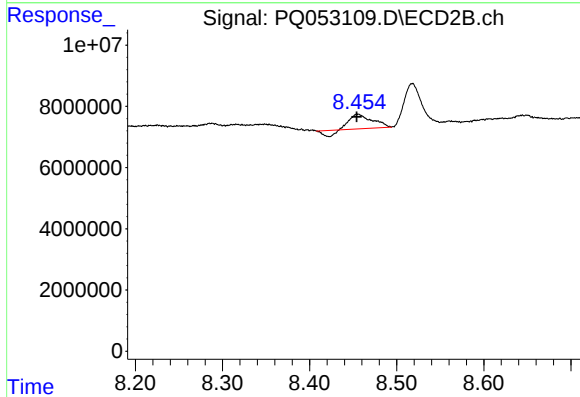
R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 33401759
Conc: 13.14 ng/ml



#38 AR-1262-3

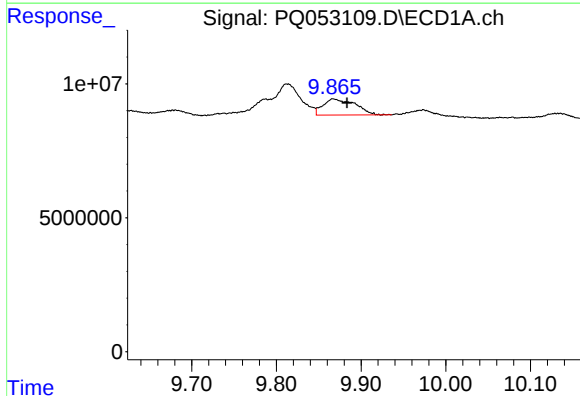
R.T.: 9.813 min
Delta R.T.: 0.030 min
Response: 33281750
Conc: 13.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



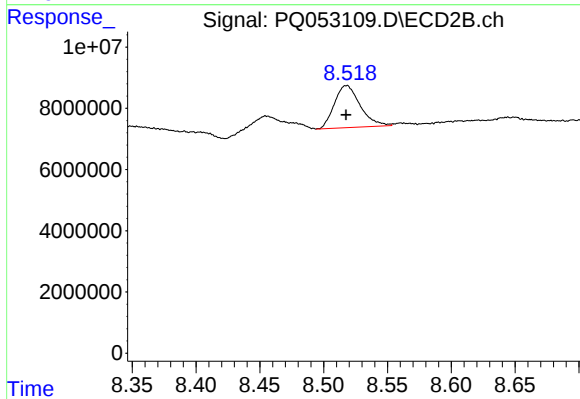
#38 AR-1262-3

R.T.: 8.455 min
Delta R.T.: 0.001 min
Response: 7228271
Conc: 7.12 ng/ml



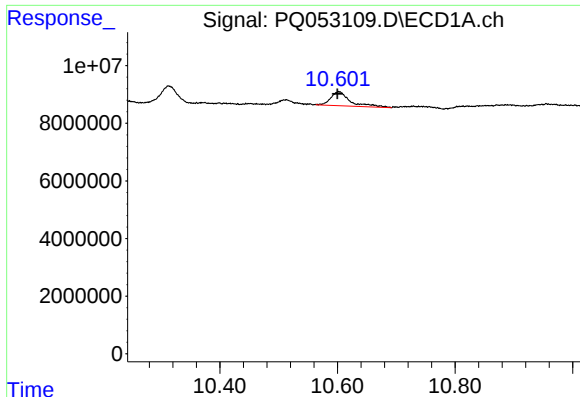
#39 AR-1262-4

R.T.: 9.867 min
Delta R.T.: -0.016 min
Response: 15886982
Conc: 7.95 ng/ml



#39 AR-1262-4

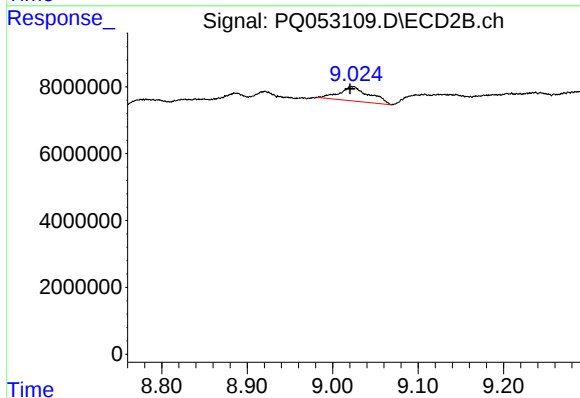
R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 19351996
Conc: 11.23 ng/ml



#40 AR-1262-5

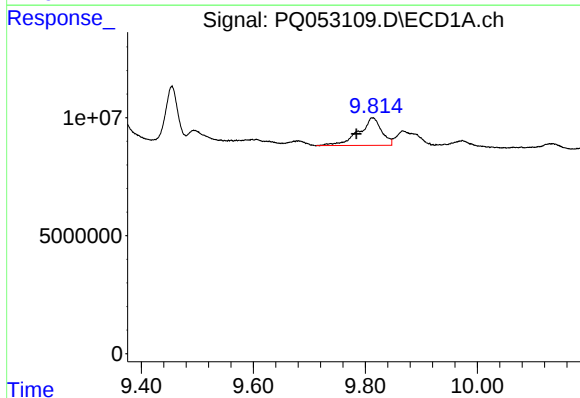
R.T.: 10.602 min
Delta R.T.: 0.002 min
Response: 11265828
Conc: 7.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



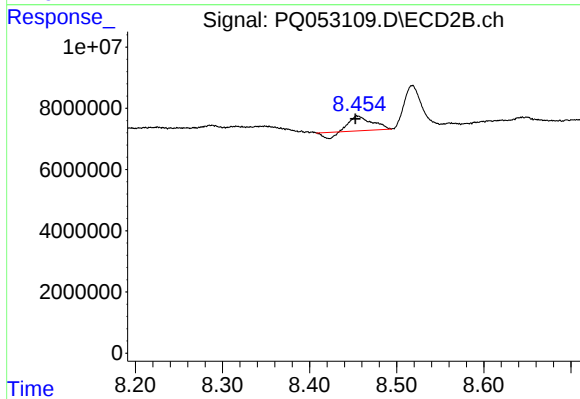
#40 AR-1262-5

R.T.: 9.022 min
Delta R.T.: 0.002 min
Response: 10521450
Conc: 13.52 ng/ml



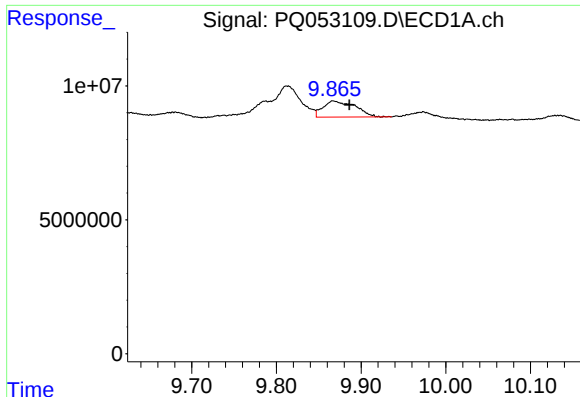
#41 AR-1268-1

R.T.: 9.813 min
Delta R.T.: 0.029 min
Response: 33281750
Conc: 7.48 ng/ml



#41 AR-1268-1

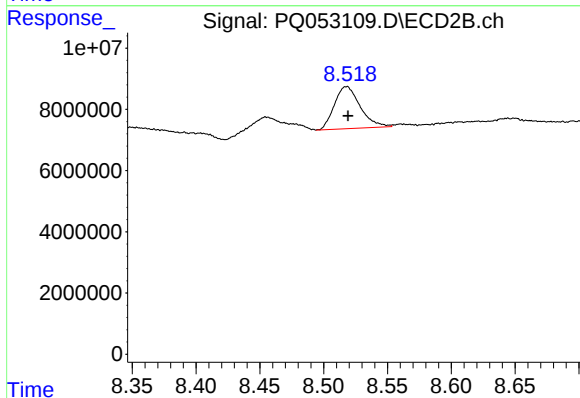
R.T.: 8.455 min
Delta R.T.: 0.002 min
Response: 7228271
Conc: 2.47 ng/ml



#42 AR-1268-2

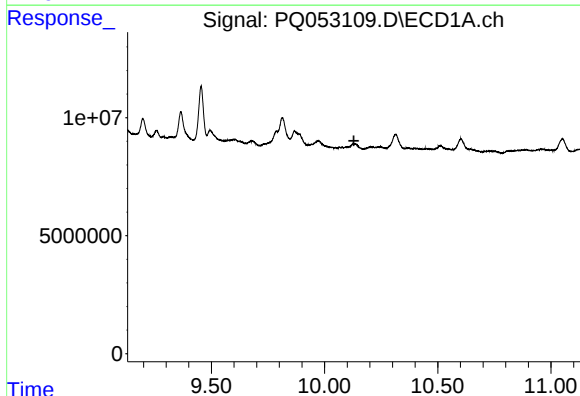
R.T.: 9.867 min
Delta R.T.: -0.019 min
Response: 15886982
Conc: 3.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



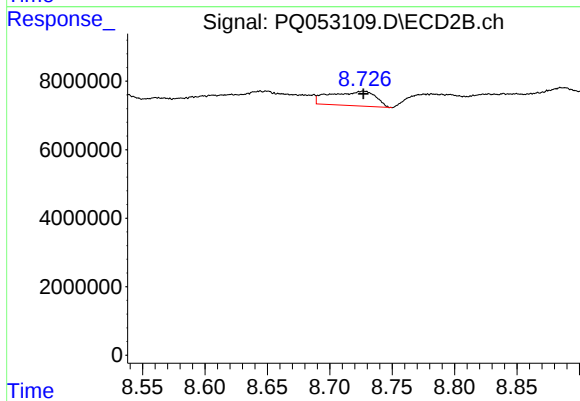
#42 AR-1268-2

R.T.: 8.518 min
Delta R.T.: -0.001 min
Response: 19351996
Conc: 7.77 ng/ml



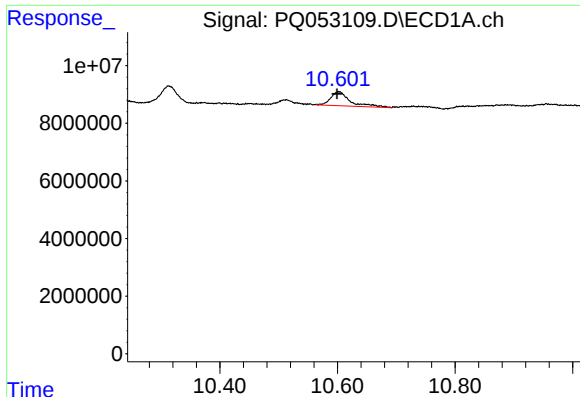
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.129 min
Response: 0
Conc: N.D.



#43 AR-1268-3

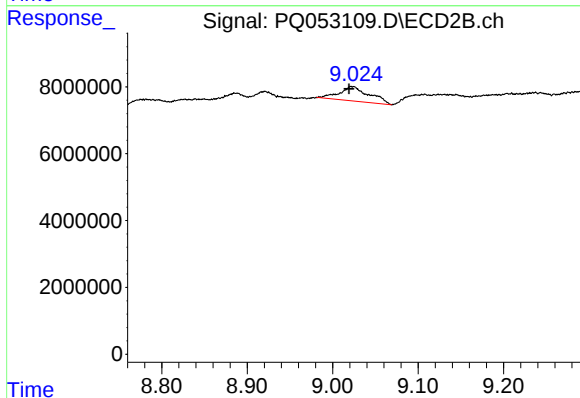
R.T.: 8.727 min
Delta R.T.: 0.000 min
Response: 10775808
Conc: 4.97 ng/ml



#44 AR-1268-4

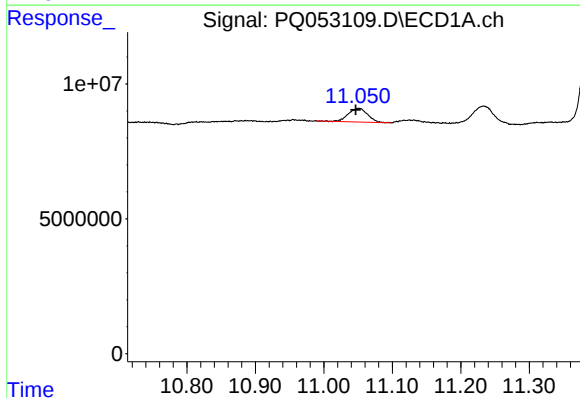
R.T.: 10.602 min
Delta R.T.: 0.003 min
Response: 11265828
Conc: 7.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



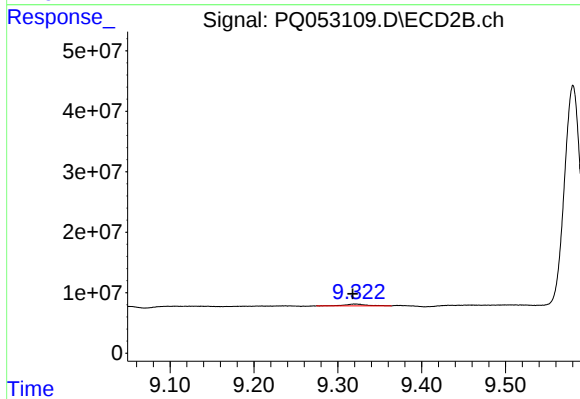
#44 AR-1268-4

R.T.: 9.022 min
Delta R.T.: 0.003 min
Response: 10521450
Conc: 12.33 ng/ml



#45 AR-1268-5

R.T.: 11.051 min
Delta R.T.: 0.004 min
Response: 9969555
Conc: 0.77 ng/ml



#45 AR-1268-5

R.T.: 9.321 min
Delta R.T.: 0.004 min
Response: 5485873
Conc: 0.88 ng/ml