

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102318\
 Data File : PQ033485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2018 18:53
 Operator : SM\SJ
 Sample : J5164-02
 Misc : AR1660 LOQ 100PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 01:27:53 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 20 01:08:39 2018
 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...	4.564	3.844	56407022	39143856	21.852	22.120
2)	SA Decachlor...	10.388	8.890	38143222	32312453	18.592	19.525
Target Compounds							
3)	L1 AR-1016-1	5.740	4.935	11597364	9655063	116.132	124.114
4)	L1 AR-1016-2	5.762	4.954	16959669	12093375	114.937	112.980
5)	L1 AR-1016-3	5.824	5.132	10053214	6331605	114.025	114.150
6)	L1 AR-1016-4	5.925	5.171	8188650	5086545	111.130	118.060
7)	L1 AR-1016-5	6.219	5.387	8282471	6648809	111.373	111.267
9)	L2 AR-1221-2	4.861	4.145	1956481	1443957	105.126	108.289
10)	L2 AR-1221-3	4.939	4.221	6872253	4602797	119.337	107.418
11)	L3 AR-1232-1	4.939	4.221	6872253	4602797	153.111	141.589
12)	L3 AR-1232-2	5.471	4.954	8188941	12093375	340.392	336.530
13)	L3 AR-1232-3	5.762	5.132	16959669	6331605	358.606	344.939
14)	L3 AR-1232-4	5.925	5.213	8188650	6572169	342.643	403.722
15)	L3 AR-1232-5	6.012	5.387	7402277	6648809	386.446	353.519
16)	L4 AR-1242-1	5.740	4.935	11597364	9655063	209.858	229.557
17)	L4 AR-1242-2	5.762	4.954	16959669	12093375	214.266	200.096
18)	L4 AR-1242-3	5.824	5.132	10053214	6331605	206.708	196.598
19)	L4 AR-1242-4	5.925	5.213	8188650	6572169	207.954	204.883
20)	L4 AR-1242-5	6.662	5.738	2253855	6685031	47.270	150.016 #
21)	L5 AR-1248-1	5.740	4.935	11597364	9655063	279.713	296.120
22)	L5 AR-1248-2	6.012	5.171	7402277	5086545	123.023	114.924
23)	L5 AR-1248-3	6.219	5.213	8282471	6572169	118.705	145.077
24)	L5 AR-1248-4	6.622	5.387	2549880	6648809	31.839	116.485 #
25)	L5 AR-1248-5	6.662	5.778	2253855	1598224	29.528	26.895
26)	L6 AR-1254-1	6.595	5.738	7939120	6685031	67.222	52.199
27)	L6 AR-1254-2	6.812	5.884	7089435	4839769	38.036	43.426
28)	L6 AR-1254-3	7.183	6.303	3912939	10847534	18.963	55.832 #
29)	L6 AR-1254-4	7.468	6.545	1926287	2686405	12.619	21.869 #
30)	L6 AR-1254-5	7.886	6.935	20280080	16818115	120.333	99.030
31)	L7 AR-1260-1	7.345	6.418	16302555	12946203	110.991	106.497
32)	L7 AR-1260-2	7.600	6.605	18362614	15480230	107.119	104.528
33)	L7 AR-1260-3	7.961	6.761	13777720	14349986	113.916	103.653
34)	L7 AR-1260-4	8.193	7.232	16464341	9347845	116.286	86.023 #
35)	L7 AR-1260-5	8.522	7.471	27876336	26451378	100.469	101.607
36)	L8 AR-1262-1	7.961	6.970	13777720	12311051	81.941	82.018
37)	L8 AR-1262-2	8.522	7.471	27876336	26451378	88.942	93.792
38)	L8 AR-1262-3	8.862	7.753	17231359	5930367	82.597	55.261 #
39)	L8 AR-1262-4	8.917	7.819	9910124	18801971	64.178	92.197 #
40)	L8 AR-1262-5	9.617	8.323	7141317	6423181	66.624	70.584
41)	L9 AR-1268-1	8.862	7.753	17231359	5930367	57.124	21.718 #
42)	L9 AR-1268-2	8.917	7.819	9910124	18801971	36.337	76.422 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 01:27:53 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 20 01:08:39 2018
 Response via : Initial Calibration
 Integrator: ChemStation

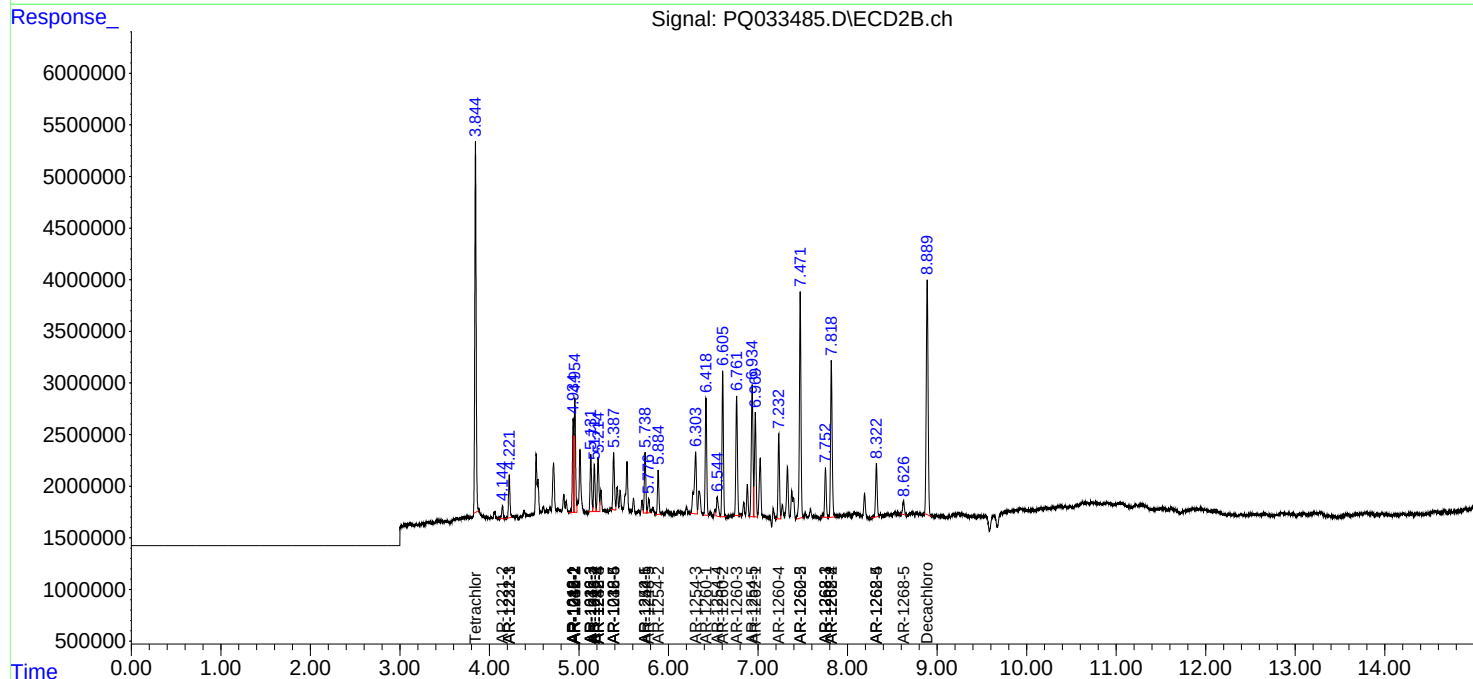
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

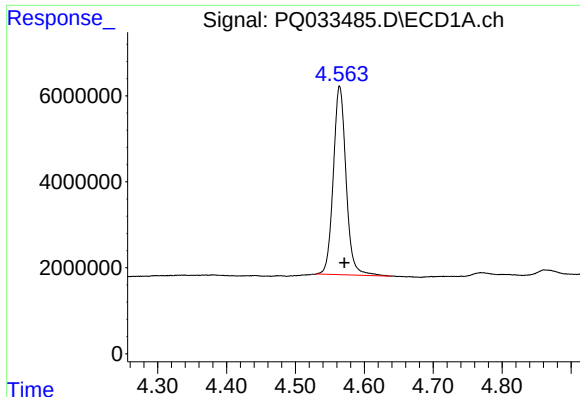
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.617	8.323	7141317	6423181	71.662	72.607
45) L9	AR-1268-5	10.043	8.626	2141667	1748432	2.751	2.609

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

Instrument :
ECD_Q
ClientSampleId :

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

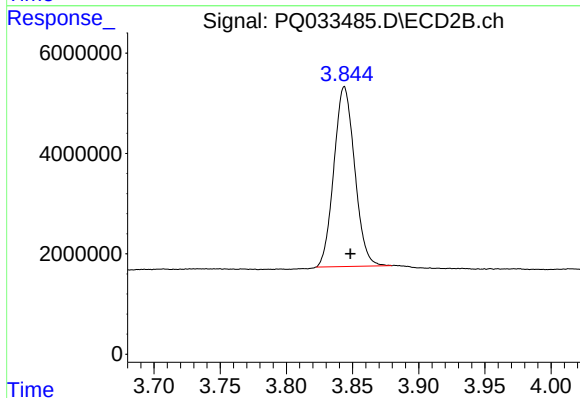




#1 Tetrachloro-m-xylene

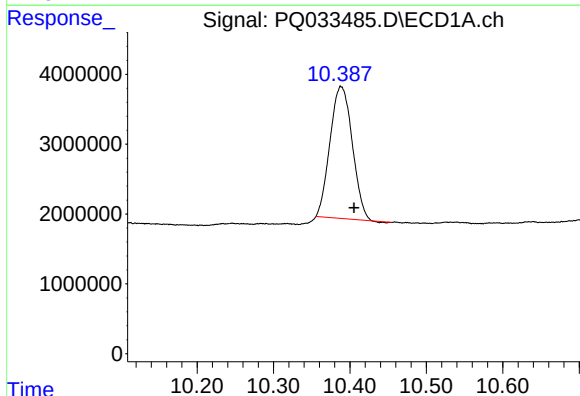
R.T.: 4.564 min
Delta R.T.: -0.007 min
Response: 56407022
Conc: 21.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



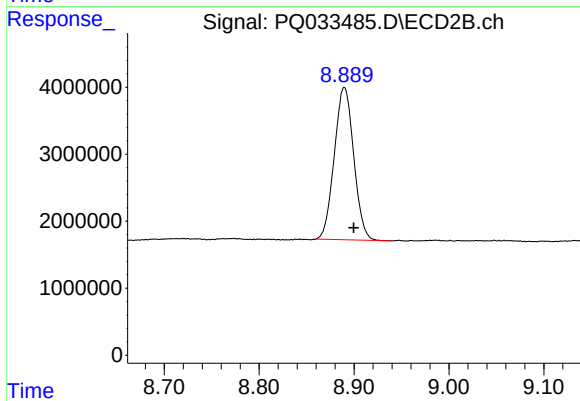
#1 Tetrachloro-m-xylene

R.T.: 3.844 min
Delta R.T.: -0.005 min
Response: 39143856
Conc: 22.12 ng/ml



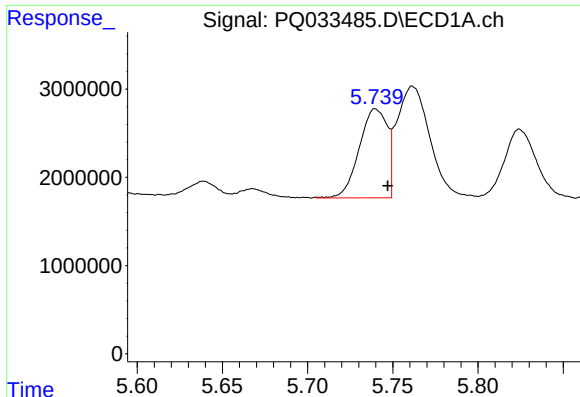
#2 Decachlorobiphenyl

R.T.: 10.388 min
Delta R.T.: -0.017 min
Response: 38143222
Conc: 18.59 ng/ml



#2 Decachlorobiphenyl

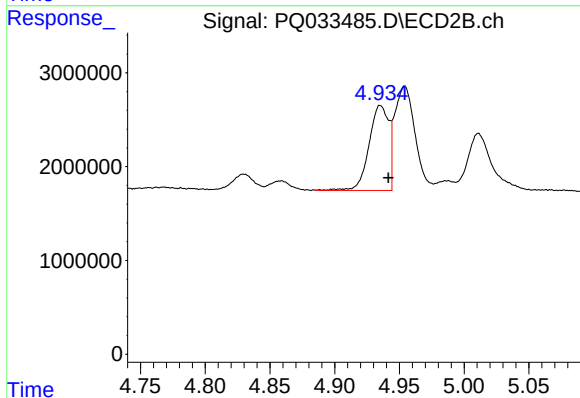
R.T.: 8.890 min
Delta R.T.: -0.010 min
Response: 32312453
Conc: 19.53 ng/ml



#3 AR-1016-1

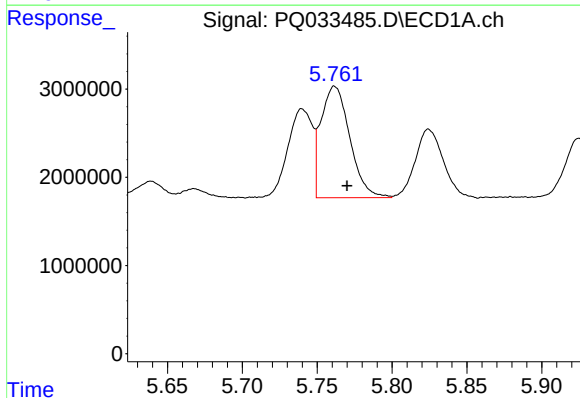
R.T.: 5.740 min
Delta R.T.: -0.007 min
Response: 11597364
Conc: 116.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



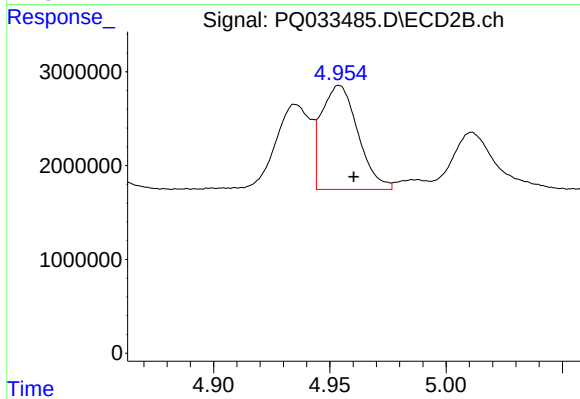
#3 AR-1016-1

R.T.: 4.935 min
Delta R.T.: -0.006 min
Response: 9655063
Conc: 124.11 ng/ml



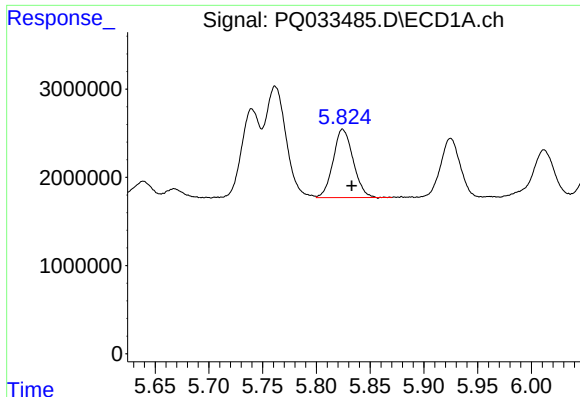
#4 AR-1016-2

R.T.: 5.762 min
Delta R.T.: -0.008 min
Response: 16959669
Conc: 114.94 ng/ml



#4 AR-1016-2

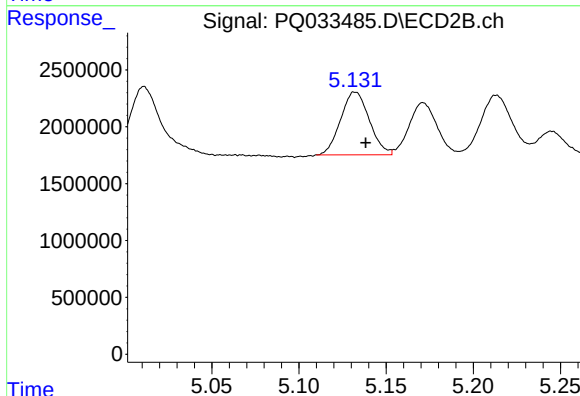
R.T.: 4.954 min
Delta R.T.: -0.006 min
Response: 12093375
Conc: 112.98 ng/ml



#5 AR-1016-3

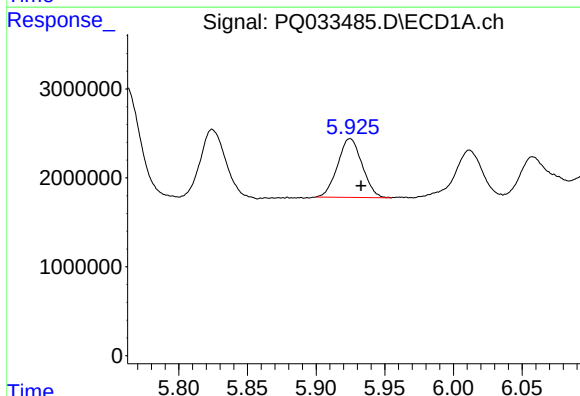
R.T.: 5.824 min
Delta R.T.: -0.008 min
Response: 10053214
Conc: 114.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



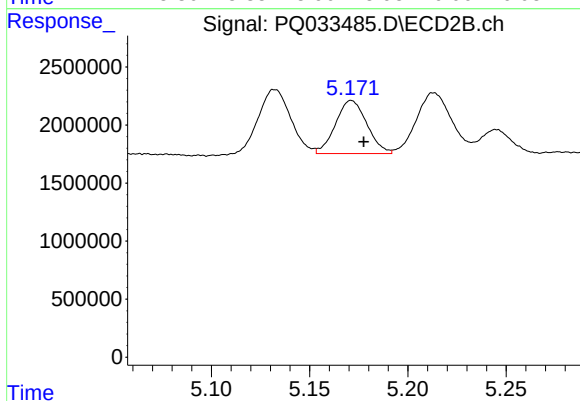
#5 AR-1016-3

R.T.: 5.132 min
Delta R.T.: -0.006 min
Response: 6331605
Conc: 114.15 ng/ml



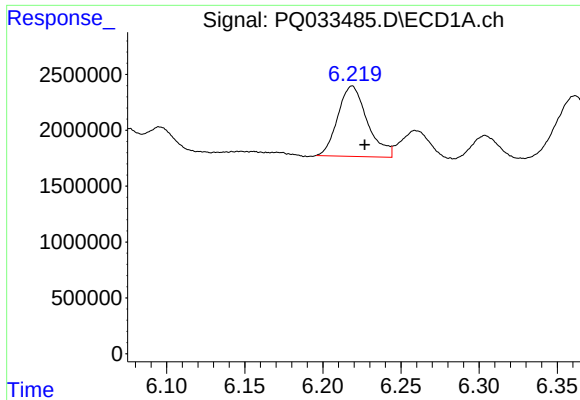
#6 AR-1016-4

R.T.: 5.925 min
Delta R.T.: -0.008 min
Response: 8188650
Conc: 111.13 ng/ml



#6 AR-1016-4

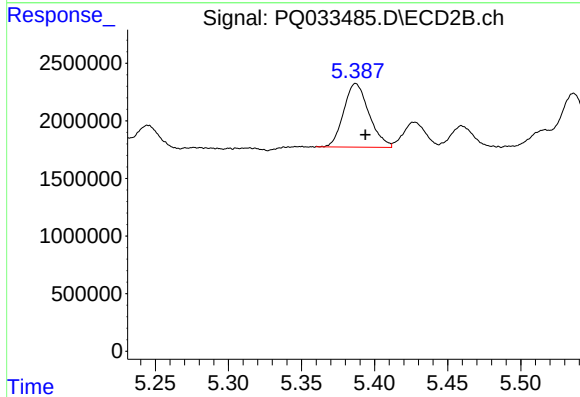
R.T.: 5.171 min
Delta R.T.: -0.006 min
Response: 5086545
Conc: 118.06 ng/ml



#7 AR-1016-5

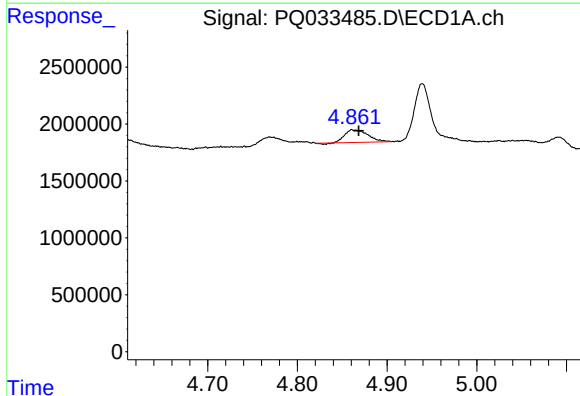
R.T.: 6.219 min
Delta R.T.: -0.008 min
Response: 8282471
Conc: 111.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



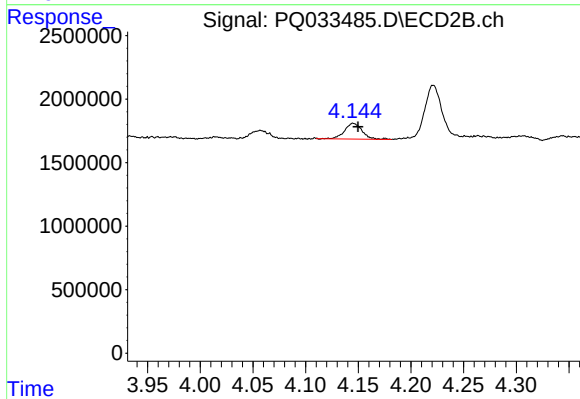
#7 AR-1016-5

R.T.: 5.387 min
Delta R.T.: -0.006 min
Response: 6648809
Conc: 111.27 ng/ml



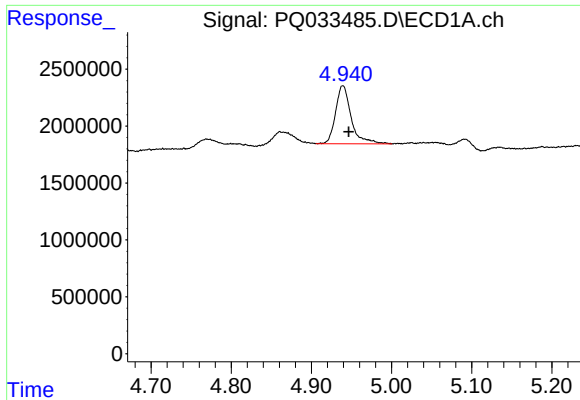
#9 AR-1221-2

R.T.: 4.861 min
Delta R.T.: -0.007 min
Response: 1956481
Conc: 105.13 ng/ml



#9 AR-1221-2

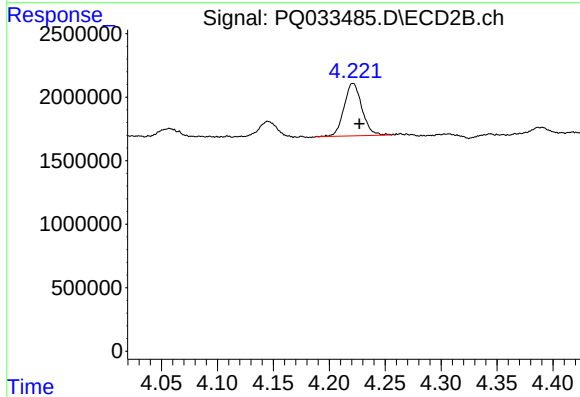
R.T.: 4.145 min
Delta R.T.: -0.005 min
Response: 1443957
Conc: 108.29 ng/ml



#10 AR-1221-3

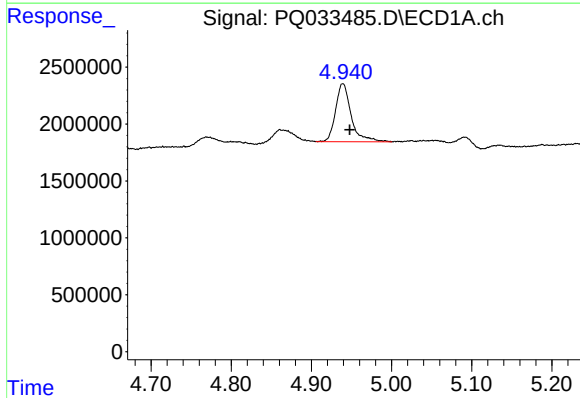
R.T.: 4.939 min
Delta R.T.: -0.007 min
Response: 6872253
Conc: 119.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



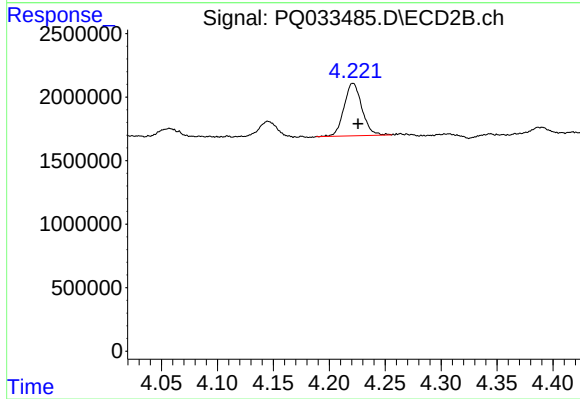
#10 AR-1221-3

R.T.: 4.221 min
Delta R.T.: -0.006 min
Response: 4602797
Conc: 107.42 ng/ml



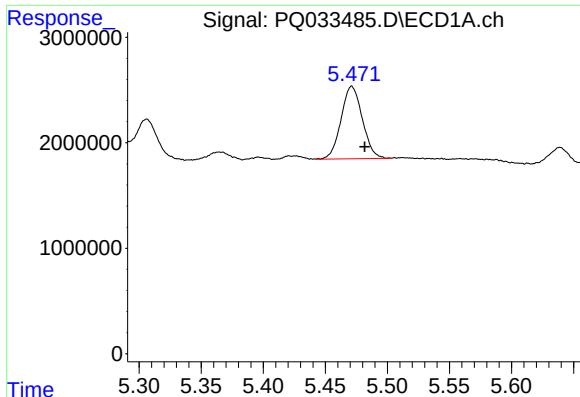
#11 AR-1232-1

R.T.: 4.939 min
Delta R.T.: -0.009 min
Response: 6872253
Conc: 153.11 ng/ml



#11 AR-1232-1

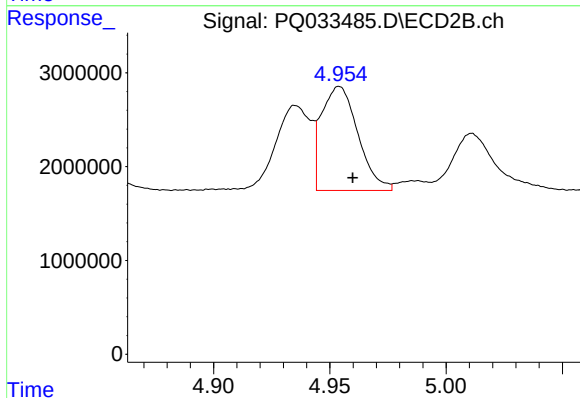
R.T.: 4.221 min
Delta R.T.: -0.005 min
Response: 4602797
Conc: 141.59 ng/ml



#12 AR-1232-2

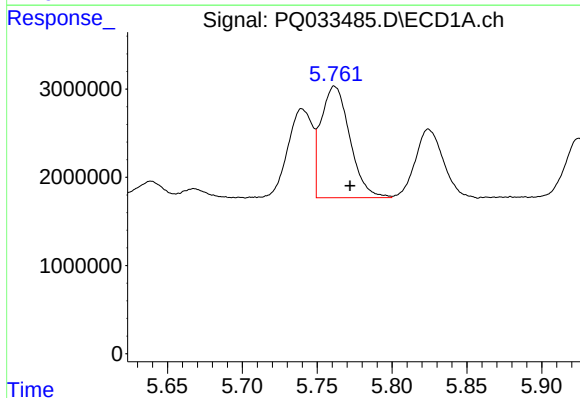
R.T.: 5.471 min
Delta R.T.: -0.010 min
Response: 8188941
Conc: 340.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



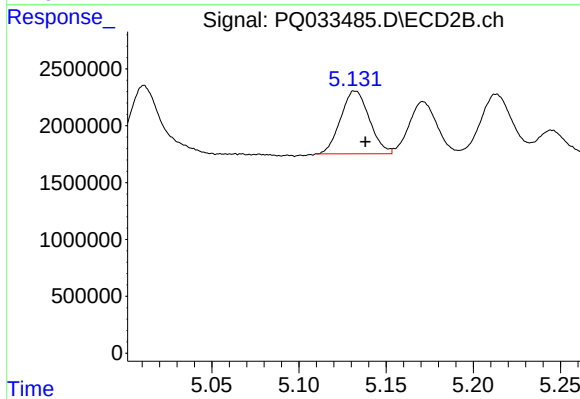
#12 AR-1232-2

R.T.: 4.954 min
Delta R.T.: -0.006 min
Response: 12093375
Conc: 336.53 ng/ml



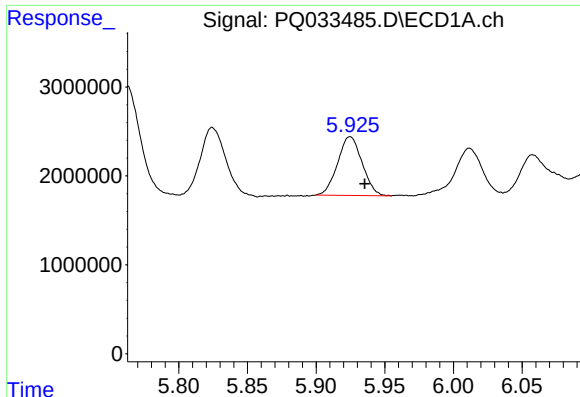
#13 AR-1232-3

R.T.: 5.762 min
Delta R.T.: -0.010 min
Response: 16959669
Conc: 358.61 ng/ml



#13 AR-1232-3

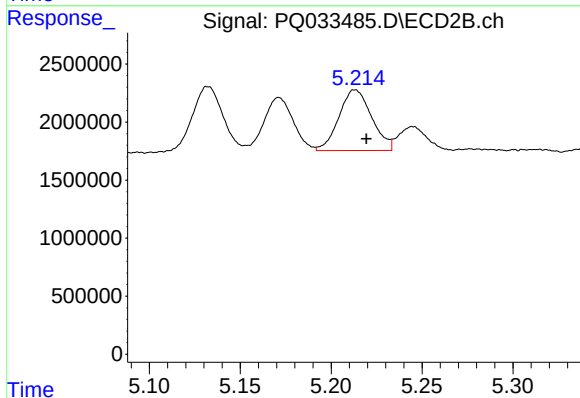
R.T.: 5.132 min
Delta R.T.: -0.006 min
Response: 6331605
Conc: 344.94 ng/ml



#14 AR-1232-4

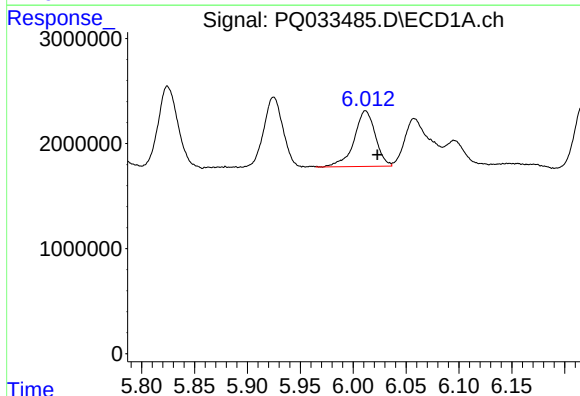
R.T.: 5.925 min
Delta R.T.: -0.011 min
Response: 8188650
Conc: 342.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



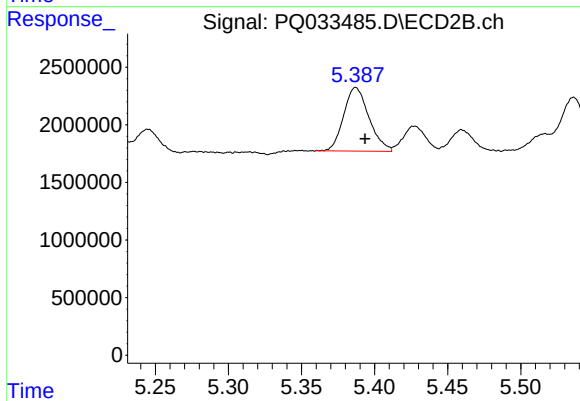
#14 AR-1232-4

R.T.: 5.213 min
Delta R.T.: -0.006 min
Response: 6572169
Conc: 403.72 ng/ml



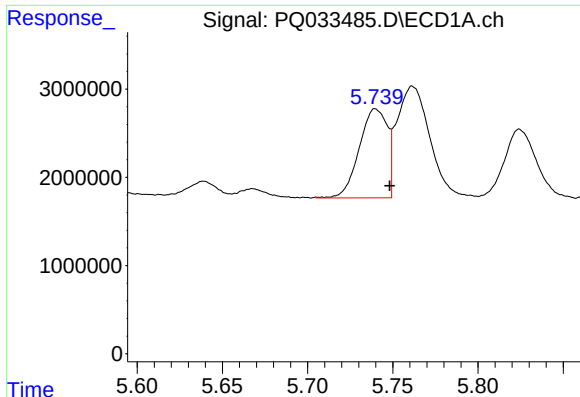
#15 AR-1232-5

R.T.: 6.012 min
Delta R.T.: -0.011 min
Response: 7402277
Conc: 386.45 ng/ml



#15 AR-1232-5

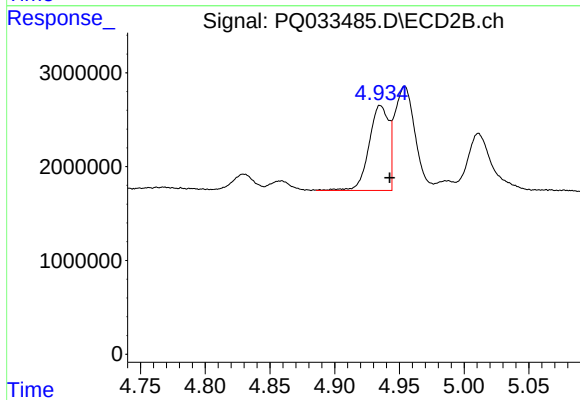
R.T.: 5.387 min
Delta R.T.: -0.006 min
Response: 6648809
Conc: 353.52 ng/ml



#16 AR-1242-1

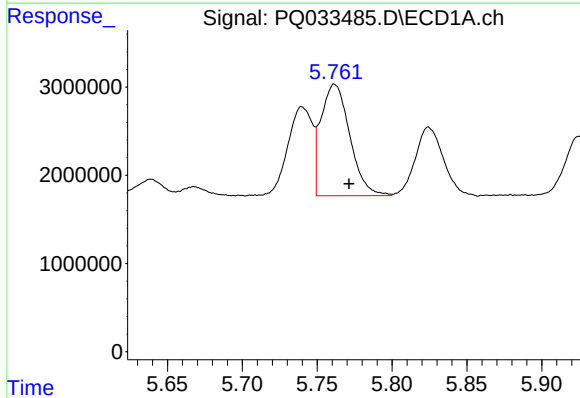
R.T.: 5.740 min
Delta R.T.: -0.008 min
Response: 11597364
Conc: 209.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



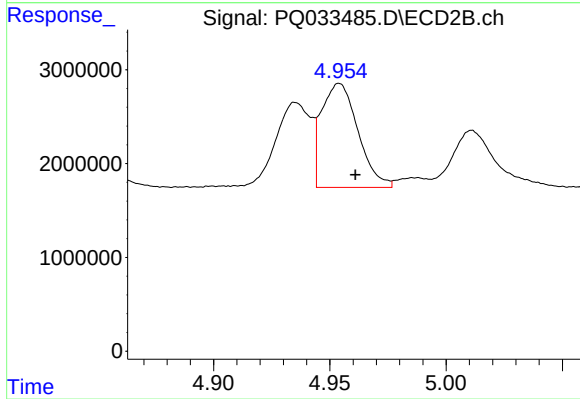
#16 AR-1242-1

R.T.: 4.935 min
Delta R.T.: -0.007 min
Response: 9655063
Conc: 229.56 ng/ml



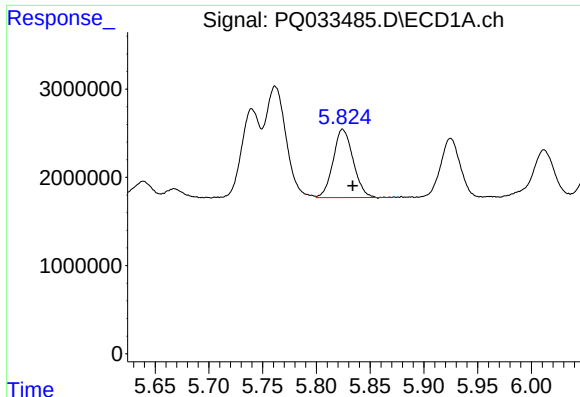
#17 AR-1242-2

R.T.: 5.762 min
Delta R.T.: -0.010 min
Response: 16959669
Conc: 214.27 ng/ml



#17 AR-1242-2

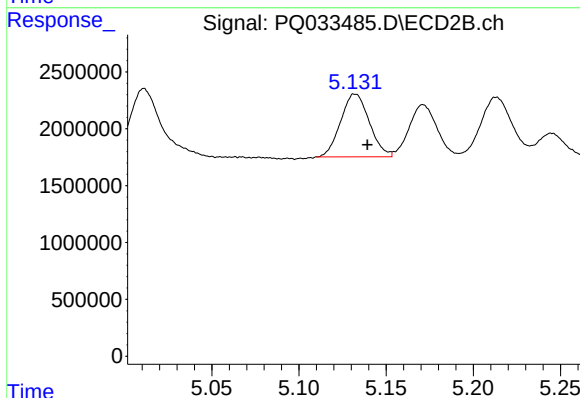
R.T.: 4.954 min
Delta R.T.: -0.007 min
Response: 12093375
Conc: 200.10 ng/ml



#18 AR-1242-3

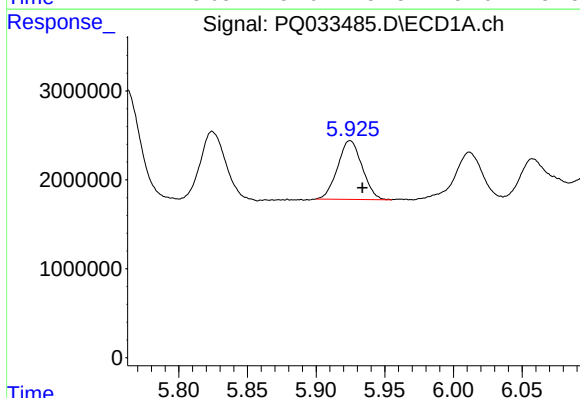
R.T.: 5.824 min
Delta R.T.: -0.009 min
Response: 10053214
Conc: 206.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



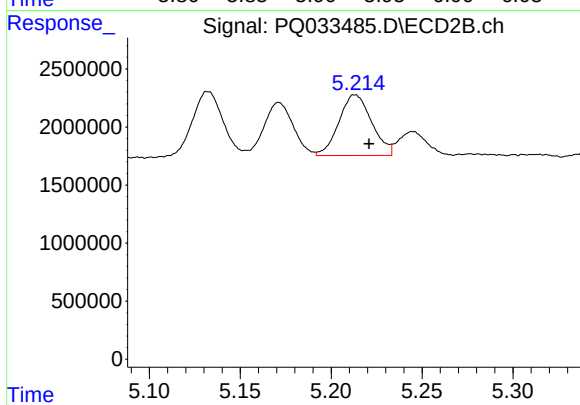
#18 AR-1242-3

R.T.: 5.132 min
Delta R.T.: -0.007 min
Response: 6331605
Conc: 196.60 ng/ml



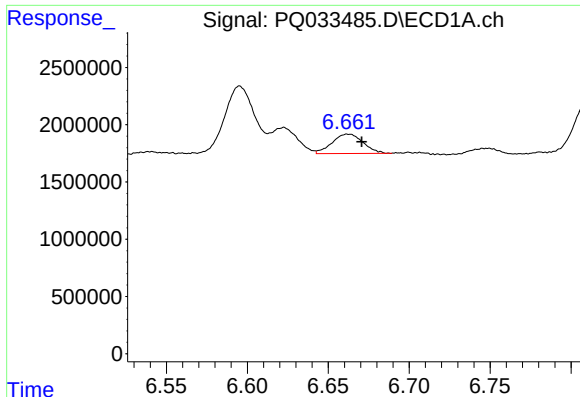
#19 AR-1242-4

R.T.: 5.925 min
Delta R.T.: -0.009 min
Response: 8188650
Conc: 207.95 ng/ml



#19 AR-1242-4

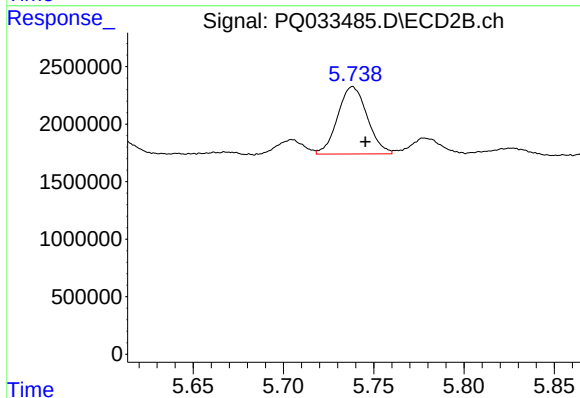
R.T.: 5.213 min
Delta R.T.: -0.008 min
Response: 6572169
Conc: 204.88 ng/ml



#20 AR-1242-5

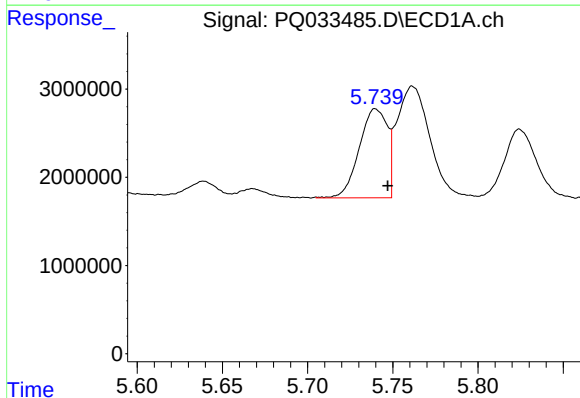
R.T.: 6.662 min
Delta R.T.: -0.008 min
Response: 2253855
Conc: 47.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



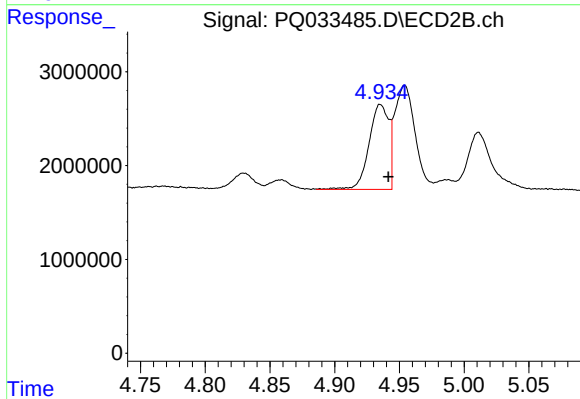
#20 AR-1242-5

R.T.: 5.738 min
Delta R.T.: -0.007 min
Response: 6685031
Conc: 150.02 ng/ml



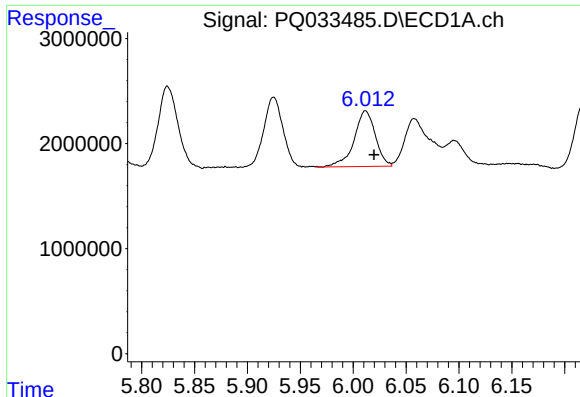
#21 AR-1248-1

R.T.: 5.740 min
Delta R.T.: -0.007 min
Response: 11597364
Conc: 279.71 ng/ml



#21 AR-1248-1

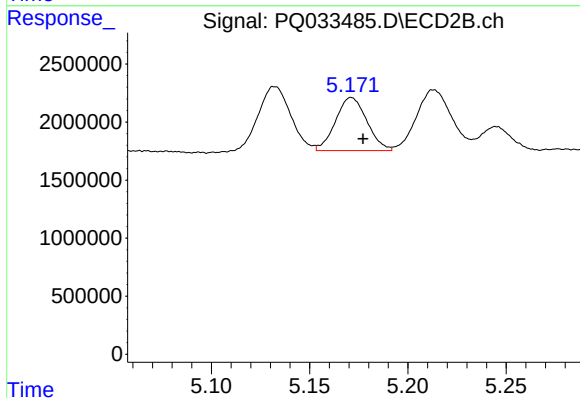
R.T.: 4.935 min
Delta R.T.: -0.006 min
Response: 9655063
Conc: 296.12 ng/ml



#22 AR-1248-2

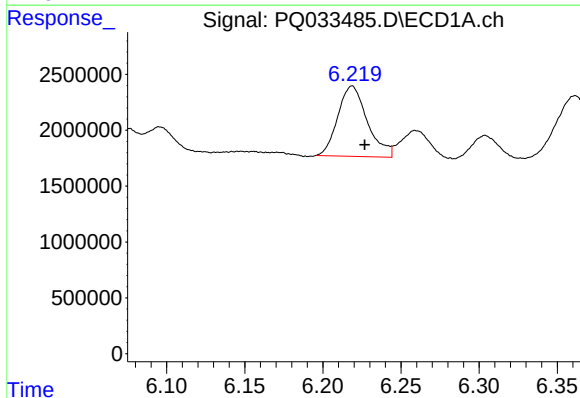
R.T.: 6.012 min
Delta R.T.: -0.008 min
Response: 7402277
Conc: 123.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



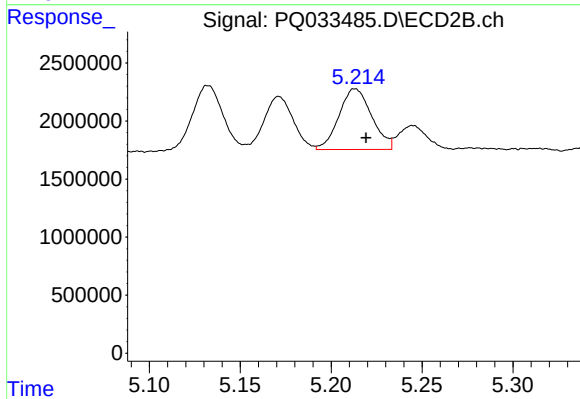
#22 AR-1248-2

R.T.: 5.171 min
Delta R.T.: -0.006 min
Response: 5086545
Conc: 114.92 ng/ml



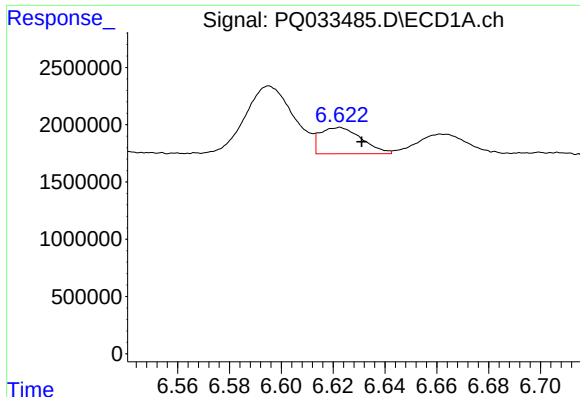
#23 AR-1248-3

R.T.: 6.219 min
Delta R.T.: -0.008 min
Response: 8282471
Conc: 118.70 ng/ml



#23 AR-1248-3

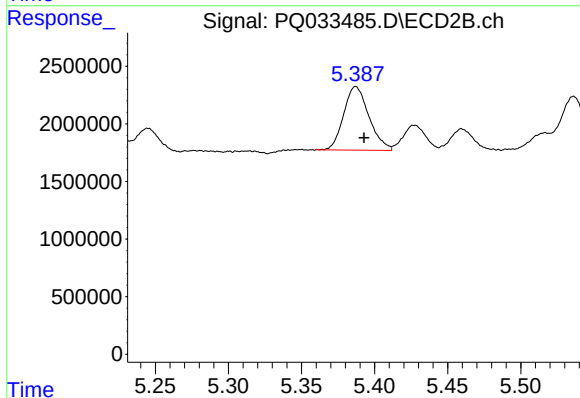
R.T.: 5.213 min
Delta R.T.: -0.006 min
Response: 6572169
Conc: 145.08 ng/ml



#24 AR-1248-4

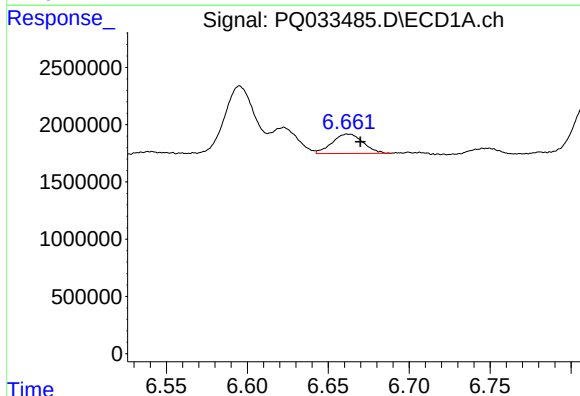
R.T.: 6.622 min
Delta R.T.: -0.009 min
Response: 2549880
Conc: 31.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



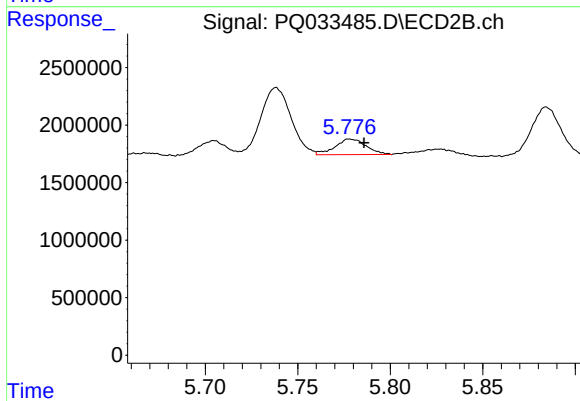
#24 AR-1248-4

R.T.: 5.387 min
Delta R.T.: -0.006 min
Response: 6648809
Conc: 116.49 ng/ml



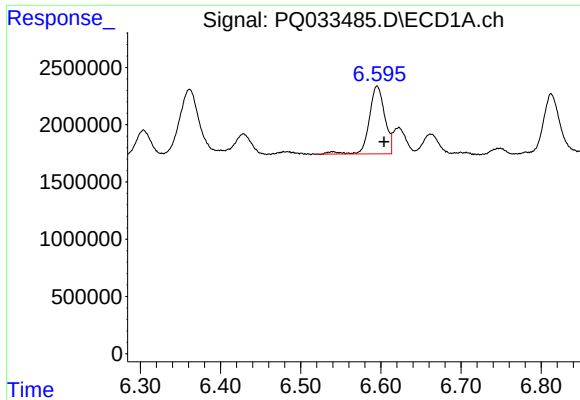
#25 AR-1248-5

R.T.: 6.662 min
Delta R.T.: -0.007 min
Response: 2253855
Conc: 29.53 ng/ml



#25 AR-1248-5

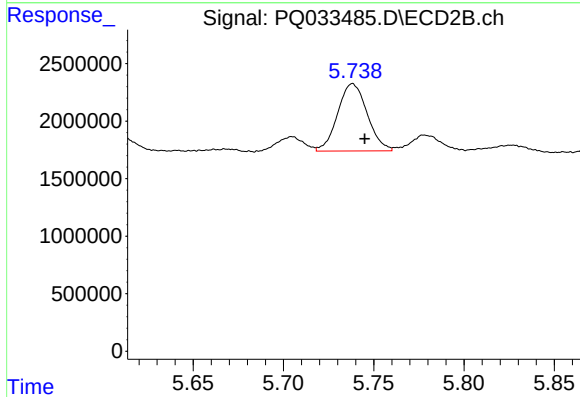
R.T.: 5.778 min
Delta R.T.: -0.008 min
Response: 1598224
Conc: 26.89 ng/ml



#26 AR-1254-1

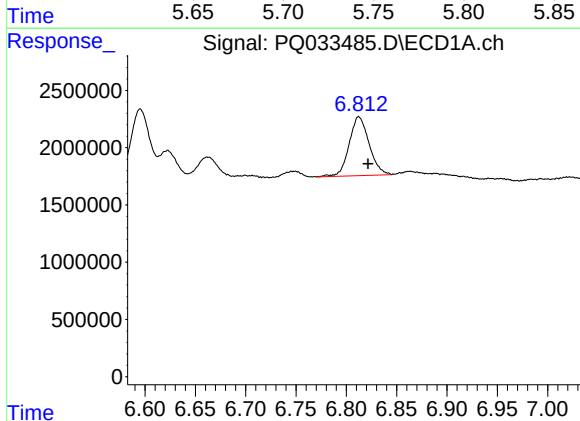
R.T.: 6.595 min
Delta R.T.: -0.009 min
Response: 7939120
Conc: 67.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



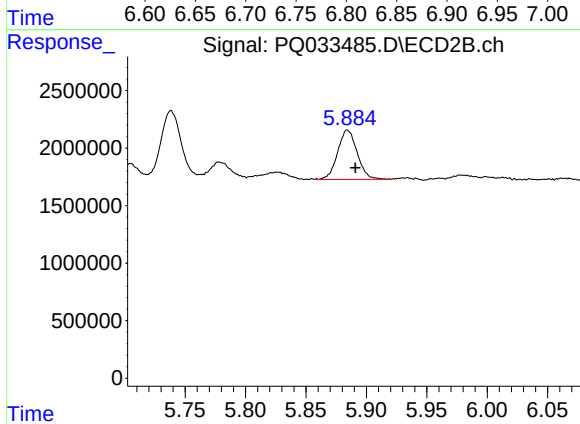
#26 AR-1254-1

R.T.: 5.738 min
Delta R.T.: -0.007 min
Response: 6685031
Conc: 52.20 ng/ml



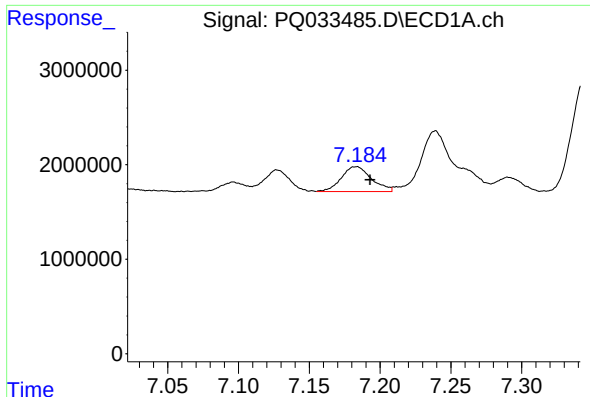
#27 AR-1254-2

R.T.: 6.812 min
Delta R.T.: -0.009 min
Response: 7089435
Conc: 38.04 ng/ml



#27 AR-1254-2

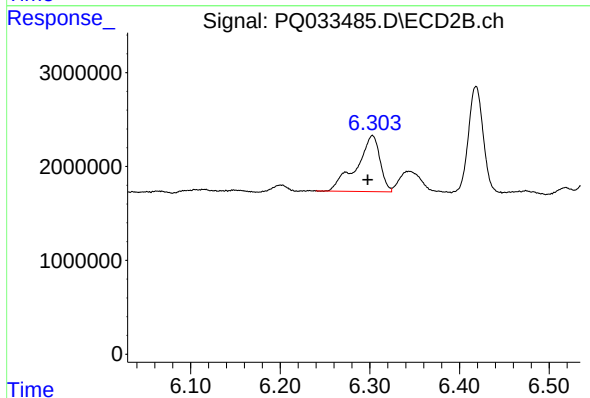
R.T.: 5.884 min
Delta R.T.: -0.006 min
Response: 4839769
Conc: 43.43 ng/ml



#28 AR-1254-3

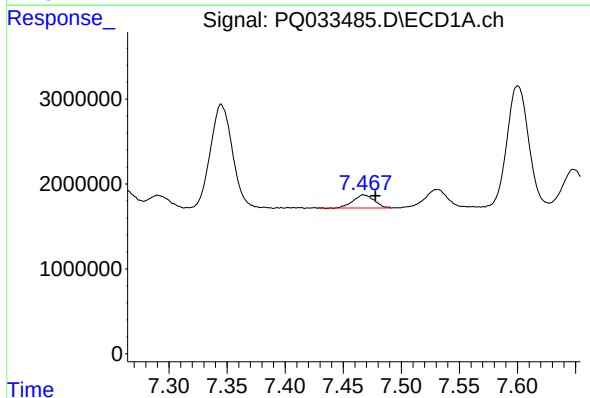
R.T.: 7.183 min
Delta R.T.: -0.010 min
Response: 3912939
Conc: 18.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



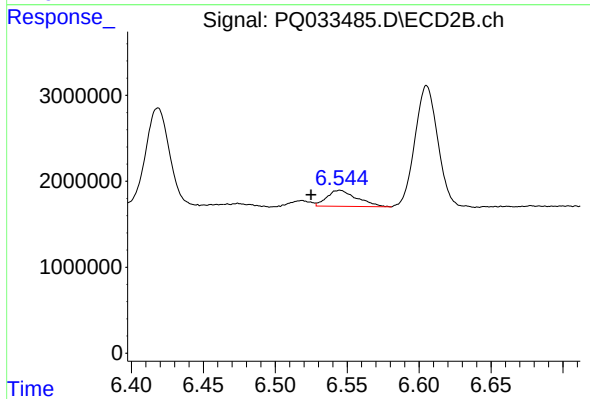
#28 AR-1254-3

R.T.: 6.303 min
Delta R.T.: 0.005 min
Response: 10847534
Conc: 55.83 ng/ml



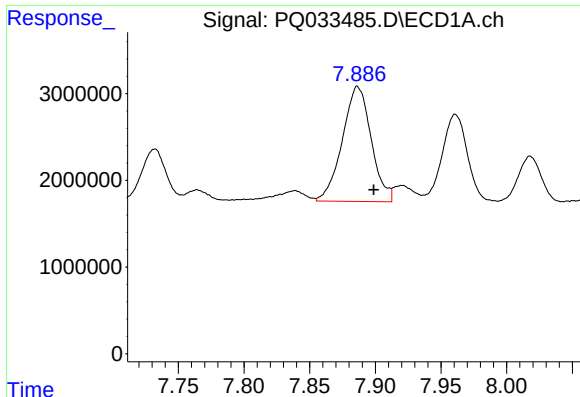
#29 AR-1254-4

R.T.: 7.468 min
Delta R.T.: -0.010 min
Response: 1926287
Conc: 12.62 ng/ml



#29 AR-1254-4

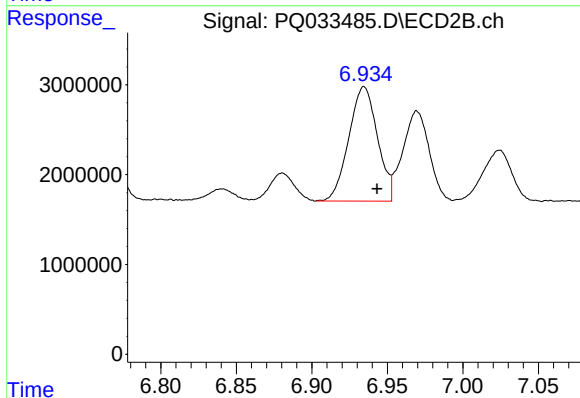
R.T.: 6.545 min
Delta R.T.: 0.020 min
Response: 2686405
Conc: 21.87 ng/ml



#30 AR-1254-5

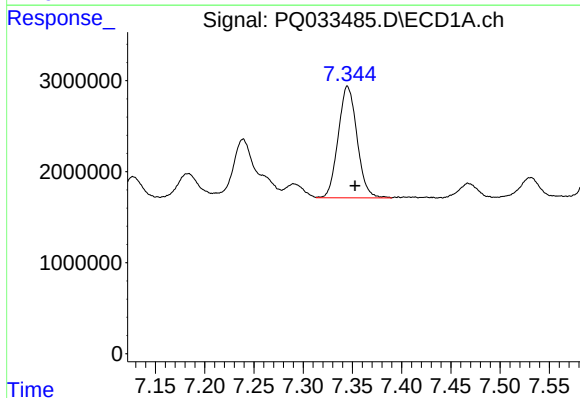
R.T.: 7.886 min
Delta R.T.: -0.012 min
Response: 20280080
Conc: 120.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



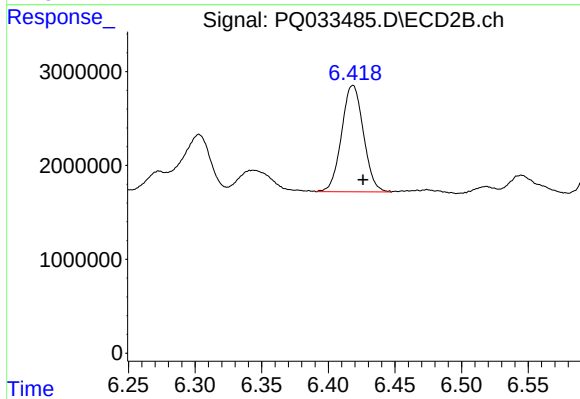
#30 AR-1254-5

R.T.: 6.935 min
Delta R.T.: -0.009 min
Response: 16818115
Conc: 99.03 ng/ml



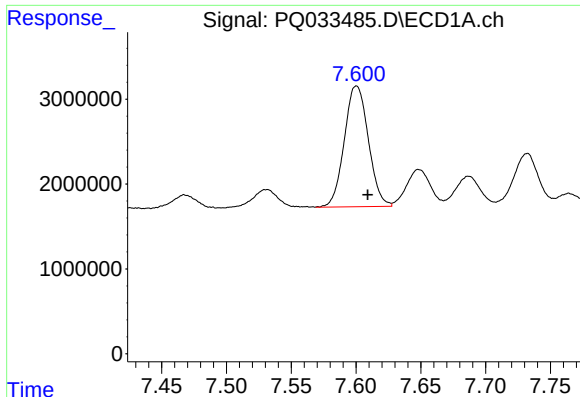
#31 AR-1260-1

R.T.: 7.345 min
Delta R.T.: -0.008 min
Response: 16302555
Conc: 110.99 ng/ml



#31 AR-1260-1

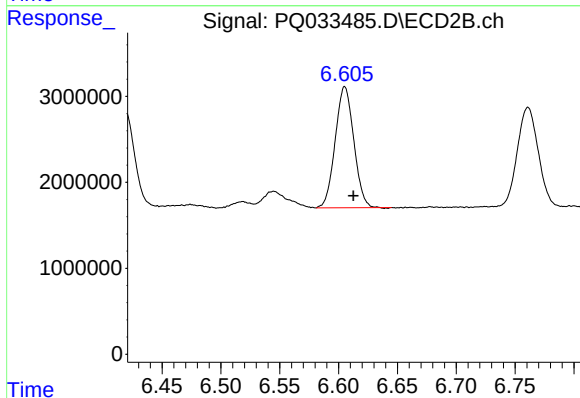
R.T.: 6.418 min
Delta R.T.: -0.008 min
Response: 12946203
Conc: 106.50 ng/ml



#32 AR-1260-2

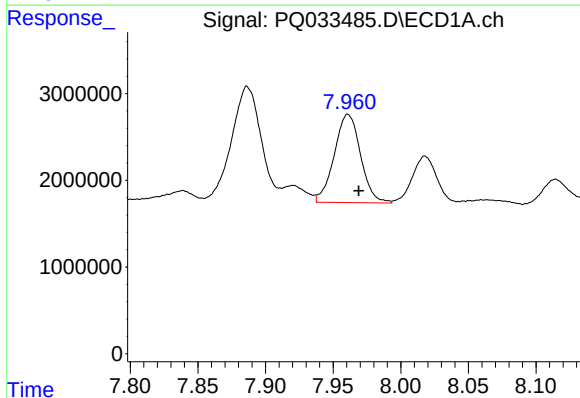
R.T.: 7.600 min
Delta R.T.: -0.009 min
Response: 18362614
Conc: 107.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



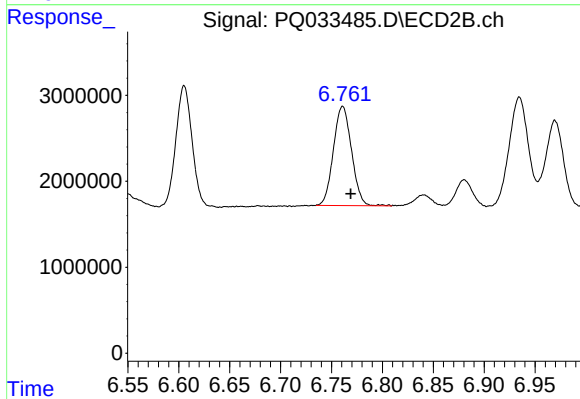
#32 AR-1260-2

R.T.: 6.605 min
Delta R.T.: -0.007 min
Response: 15480230
Conc: 104.53 ng/ml



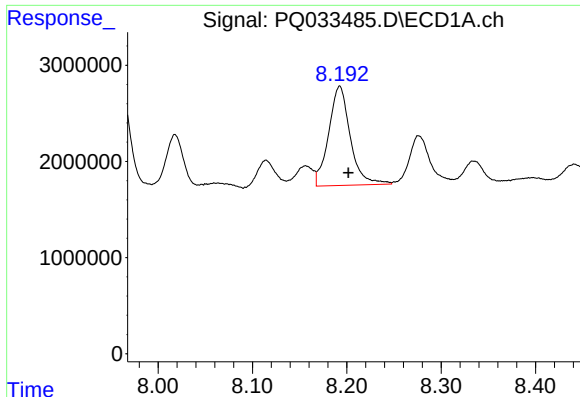
#33 AR-1260-3

R.T.: 7.961 min
Delta R.T.: -0.008 min
Response: 13777720
Conc: 113.92 ng/ml



#33 AR-1260-3

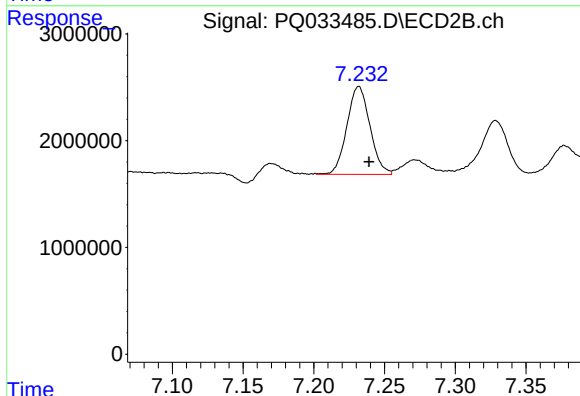
R.T.: 6.761 min
Delta R.T.: -0.008 min
Response: 14349986
Conc: 103.65 ng/ml



#34 AR-1260-4

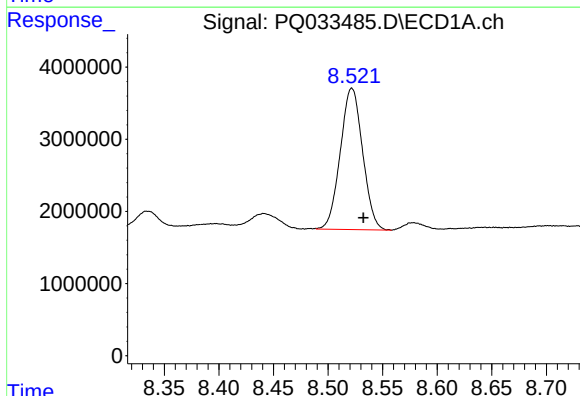
R.T.: 8.193 min
Delta R.T.: -0.009 min
Response: 16464341
Conc: 116.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



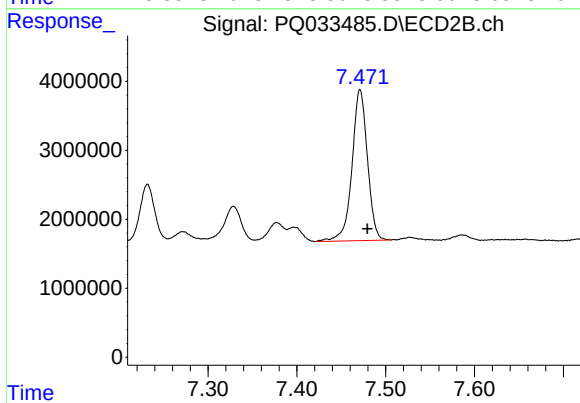
#34 AR-1260-4

R.T.: 7.232 min
Delta R.T.: -0.007 min
Response: 9347845
Conc: 86.02 ng/ml



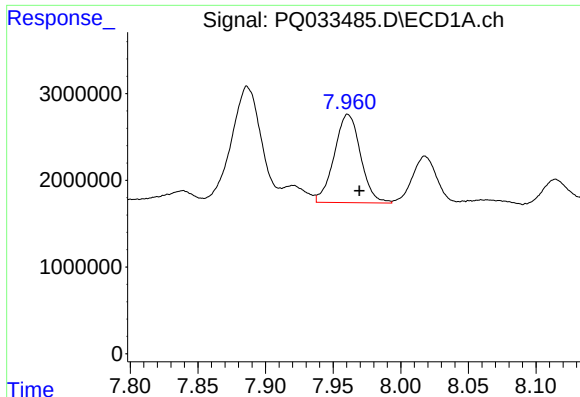
#35 AR-1260-5

R.T.: 8.522 min
Delta R.T.: -0.010 min
Response: 27876336
Conc: 100.47 ng/ml



#35 AR-1260-5

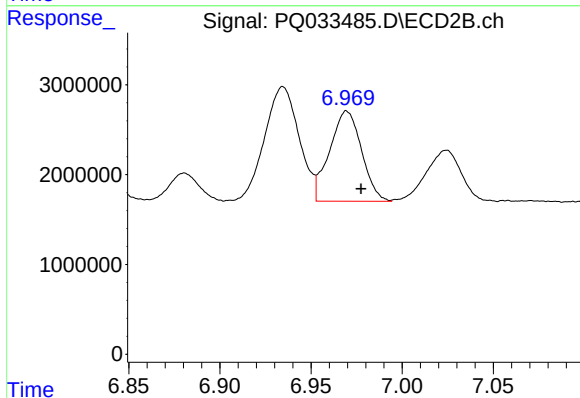
R.T.: 7.471 min
Delta R.T.: -0.008 min
Response: 26451378
Conc: 101.61 ng/ml



#36 AR-1262-1

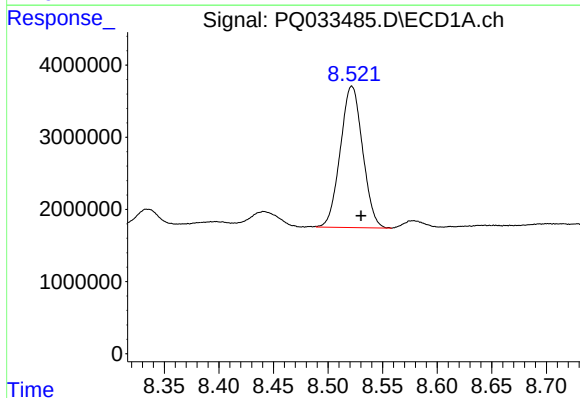
R.T.: 7.961 min
Delta R.T.: -0.009 min
Response: 13777720
Conc: 81.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



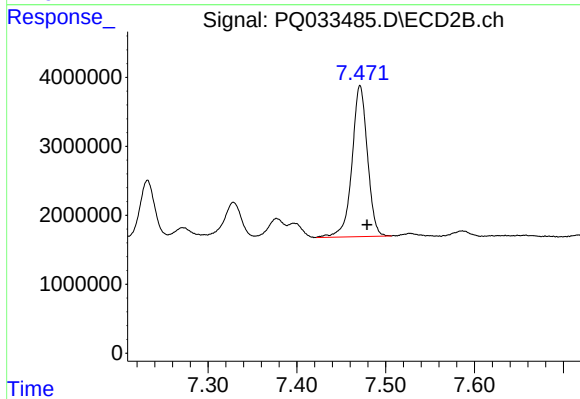
#36 AR-1262-1

R.T.: 6.970 min
Delta R.T.: -0.008 min
Response: 12311051
Conc: 82.02 ng/ml



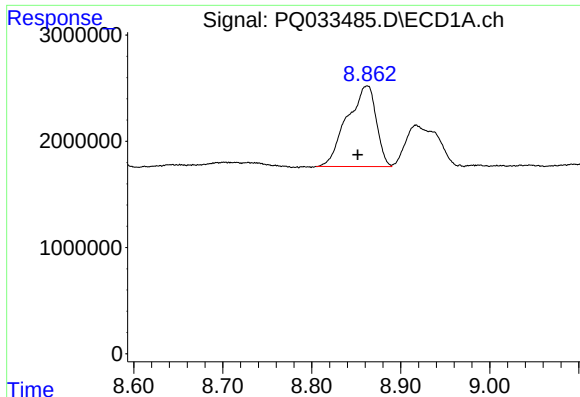
#37 AR-1262-2

R.T.: 8.522 min
Delta R.T.: -0.008 min
Response: 27876336
Conc: 88.94 ng/ml



#37 AR-1262-2

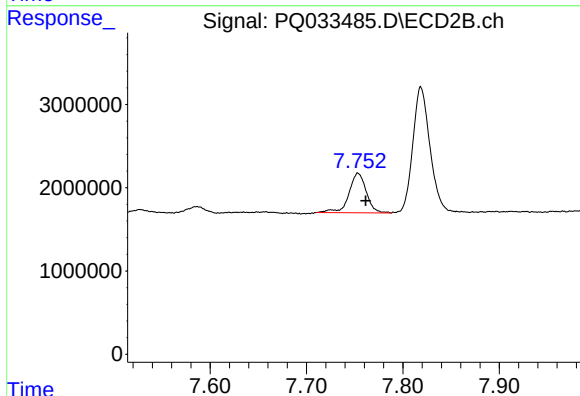
R.T.: 7.471 min
Delta R.T.: -0.008 min
Response: 26451378
Conc: 93.79 ng/ml



#38 AR-1262-3

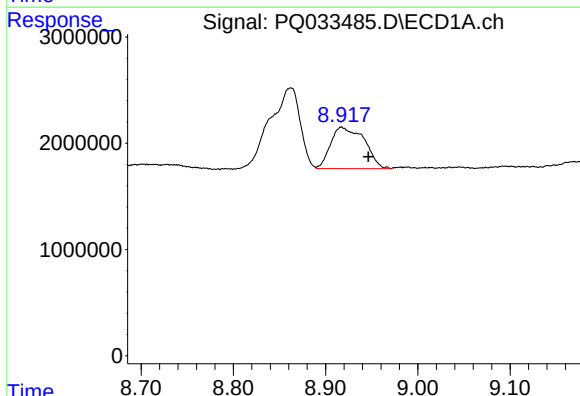
R.T.: 8.862 min
Delta R.T.: 0.011 min
Response: 17231359
Conc: 82.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



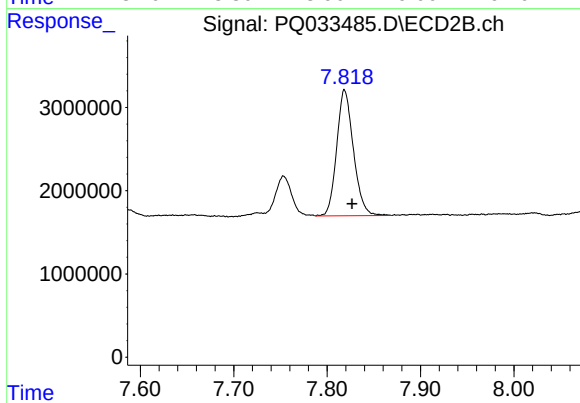
#38 AR-1262-3

R.T.: 7.753 min
Delta R.T.: -0.008 min
Response: 5930367
Conc: 55.26 ng/ml



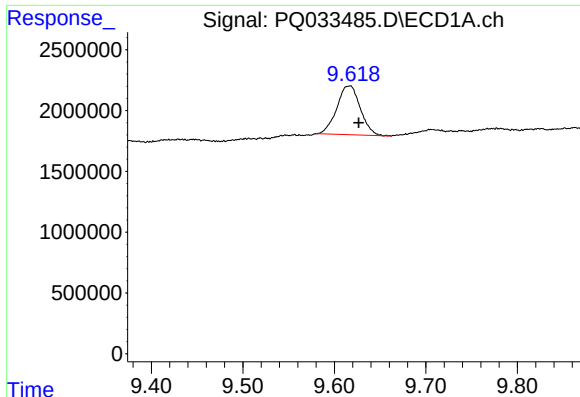
#39 AR-1262-4

R.T.: 8.917 min
Delta R.T.: -0.029 min
Response: 9910124
Conc: 64.18 ng/ml



#39 AR-1262-4

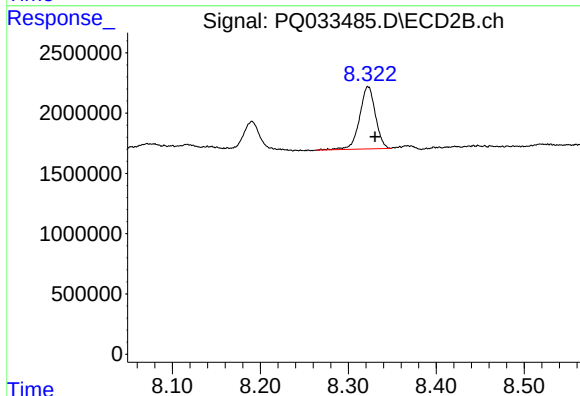
R.T.: 7.819 min
Delta R.T.: -0.008 min
Response: 18801971
Conc: 92.20 ng/ml



#40 AR-1262-5

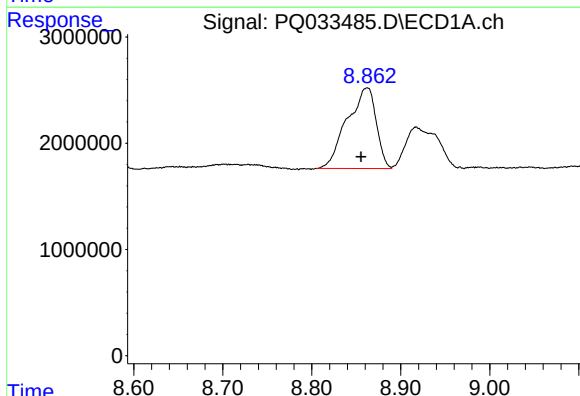
R.T.: 9.617 min
Delta R.T.: -0.010 min
Response: 7141317
Conc: 66.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



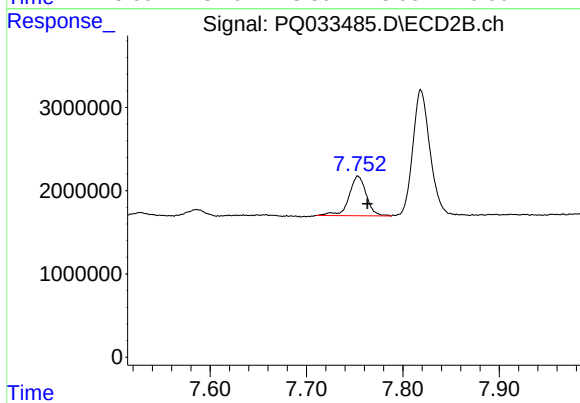
#40 AR-1262-5

R.T.: 8.323 min
Delta R.T.: -0.008 min
Response: 6423181
Conc: 70.58 ng/ml



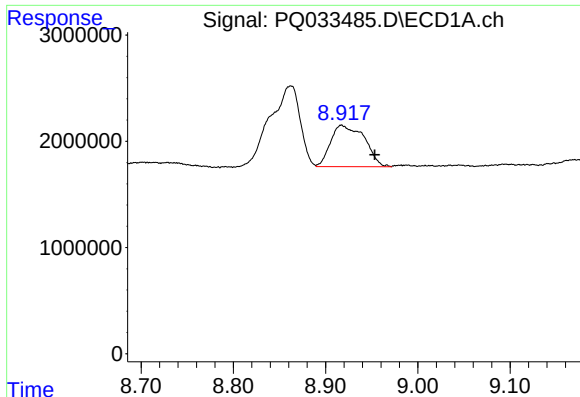
#41 AR-1268-1

R.T.: 8.862 min
Delta R.T.: 0.007 min
Response: 17231359
Conc: 57.12 ng/ml



#41 AR-1268-1

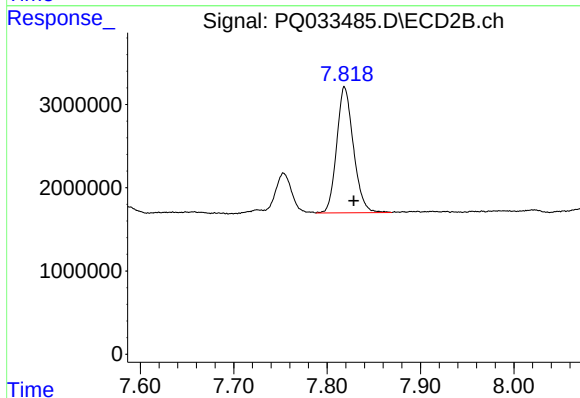
R.T.: 7.753 min
Delta R.T.: -0.010 min
Response: 5930367
Conc: 21.72 ng/ml



#42 AR-1268-2

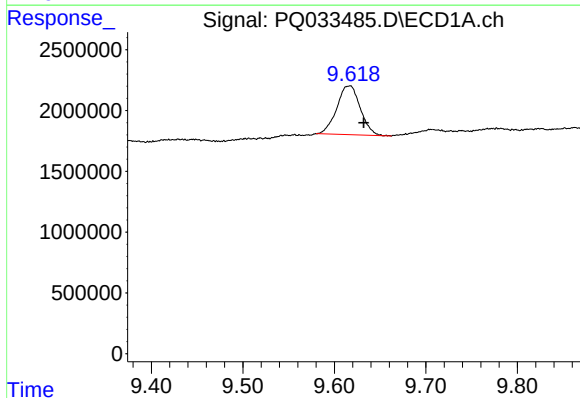
R.T.: 8.917 min
Delta R.T.: -0.036 min
Response: 9910124
Conc: 36.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



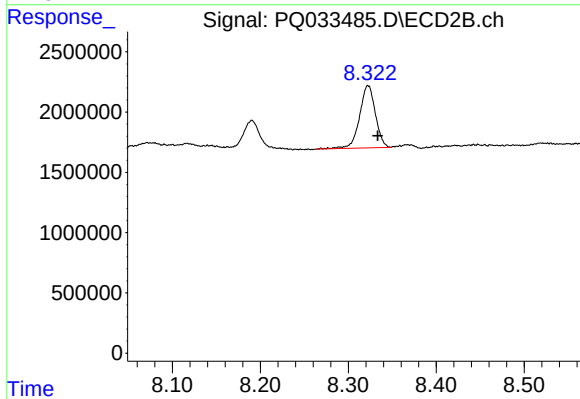
#42 AR-1268-2

R.T.: 7.819 min
Delta R.T.: -0.010 min
Response: 18801971
Conc: 76.42 ng/ml



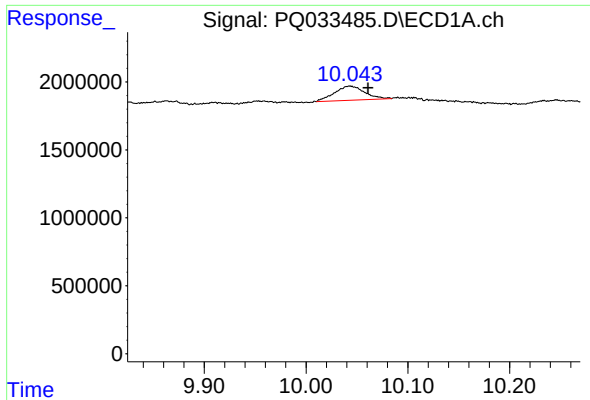
#44 AR-1268-4

R.T.: 9.617 min
Delta R.T.: -0.015 min
Response: 7141317
Conc: 71.66 ng/ml



#44 AR-1268-4

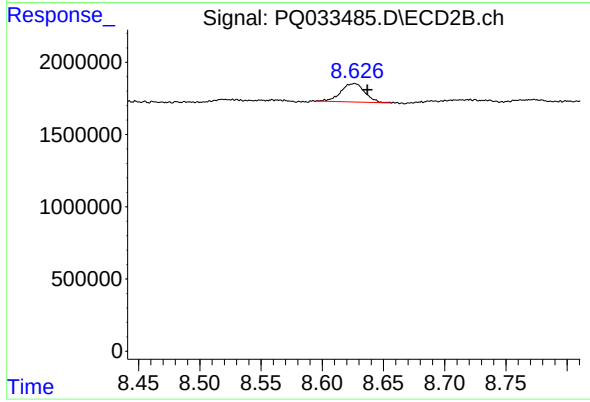
R.T.: 8.323 min
Delta R.T.: -0.011 min
Response: 6423181
Conc: 72.61 ng/ml



#45 AR-1268-5

R.T.: 10.043 min
Delta R.T.: -0.018 min
Response: 2141667
Conc: 2.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.626 min
Delta R.T.: -0.011 min
Response: 1748432
Conc: 2.61 ng/ml