

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062121\
 Data File : PP036653.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jun 2021 12:52
 Operator : DD\AJ
 Sample : M2709-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 16:36:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 18 06:06:19 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.970	3.963	735668	531736	16.645	17.168
2)	SA Decachlor...	11.010	9.266	910167	546607	21.217	17.092
Target Compounds							
3)	L1 AR-1016-1	6.289	5.215	66264	39644	39.121	33.629
4)	L1 AR-1016-2	6.314	5.236	100826	49184	41.815	30.283 #
5)	L1 AR-1016-3	6.382	5.428	33531	32907	21.812	36.474 #
6)	L1 AR-1016-4	6.484	5.479	43511	189151	33.846	266.453 #
7)	L1 AR-1016-5	6.801	5.707	193082	148526	150.957	163.895
8)	L2 AR-1221-1	5.218	0.000	19677	0	35.050	N.D. #
9)	L2 AR-1221-2	5.319	4.313	13547	33608	31.437	112.595 #
10)	L2 AR-1221-3	5.420f	0.000	34424	0	26.701	N.D. #
11)	L3 AR-1232-1	5.420f	0.000	34424	0	32.321	N.D. #
12)	L3 AR-1232-2	5.994	5.236	36274	49184	65.955	73.555
13)	L3 AR-1232-3	6.314	5.428	100826	32907	98.698	90.709
14)	L3 AR-1232-4	6.484	5.523	43511	115896	80.608	370.105 #
15)	L3 AR-1232-5	6.584	5.707	280294	148526	764.783	416.981 #
16)	L4 AR-1242-1	6.289	5.215	66264	39644	51.674	44.539
17)	L4 AR-1242-2	6.314	5.236	100826	49184	55.252	40.321 #
18)	L4 AR-1242-3	6.382	5.428	33531	32907	28.582	48.905 #
19)	L4 AR-1242-4	6.484	5.523	43511	115896	44.960	179.009 #
20)	L4 AR-1242-5	7.271	6.088	195550	430446	185.906	527.570 #
21)	L5 AR-1248-1	6.289	5.215	66264	39644	65.685	56.897
22)	L5 AR-1248-2	6.584	5.479	280294	189151	206.394	199.699
23)	L5 AR-1248-3	6.801	5.523	193082	115896	118.668	117.133
24)	L5 AR-1248-4	7.230	5.707	226281	148526	123.939	126.975
25)	L5 AR-1248-5	7.271	6.130	195550	81916	108.455	69.059 #
26)	L6 AR-1254-1	7.199	6.088	435405	430446	247.577	254.046
27)	L6 AR-1254-2	7.430	6.248	733816	373800	271.210	251.310
28)	L6 AR-1254-3	7.812	6.667	768713	593873	259.521	244.275
29)	L6 AR-1254-4	8.108	6.908	429650	276077	195.442	178.405
30)	L6 AR-1254-5	8.536	7.338	564022	511462	237.169	237.858
31)	L7 AR-1260-1	7.978	6.807	293210	264790	135.089	164.461
32)	L7 AR-1260-2	8.242	7.004	763110	236411	297.747	121.908 #
33)	L7 AR-1260-3	8.608	7.156	116335	211444	58.037	116.261 #
34)	L7 AR-1260-4	8.834	7.642	257051	66373	108.495	42.801 #
35)	L7 AR-1260-5	9.169	7.891	212698	132062	47.670	35.938
36)	L8 AR-1262-1	8.608	7.338	116335	511462	40.827	429.120 #
37)	L8 AR-1262-2	9.169	7.891	212698	132062	41.863	33.689
38)	L8 AR-1262-3	9.484	8.179	78274	55260	21.129	34.723 #
39)	L8 AR-1262-4	9.558	8.240	54681	123964	19.038	41.650 #
40)	L8 AR-1262-5	10.251	8.740	46069	30811	21.805	21.621
41)	L9 AR-1268-1	9.484	8.179	78274	55260	13.047	11.867

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 Sample : M2709-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

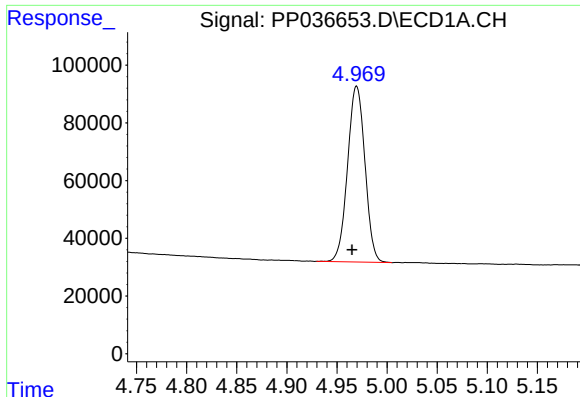
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 16:36:46 2021
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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
42) L9	AR-1268-2	9.576	8.240	45353	123964	7.956	28.738 #
43) L9	AR-1268-3	9.808	8.453	120623	75369	25.090	20.643
44) L9	AR-1268-4	10.251	8.740	46069	30811	19.558	19.369
45) L9	AR-1268-5	10.669	9.021	335064	207398	21.788	17.542

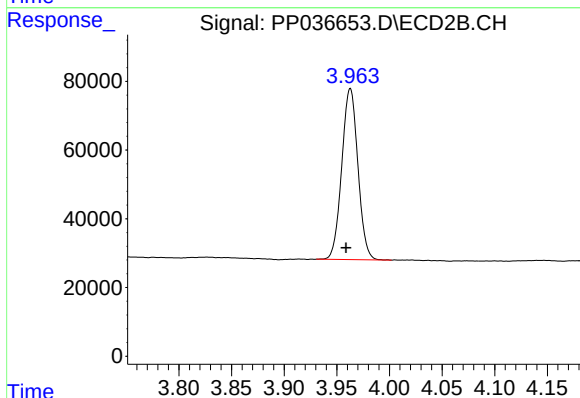
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

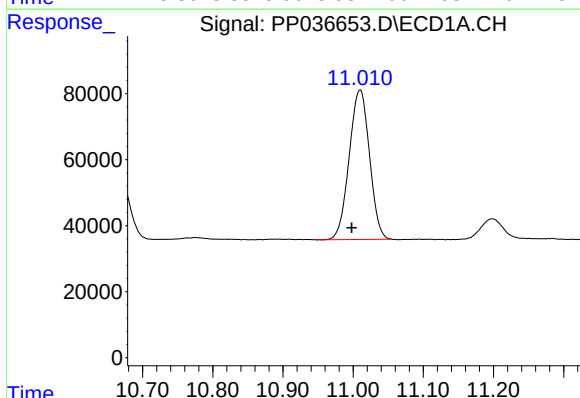
R.T.: 4.970 min
Delta R.T.: 0.005 min
Response: 735668
Conc: 16.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



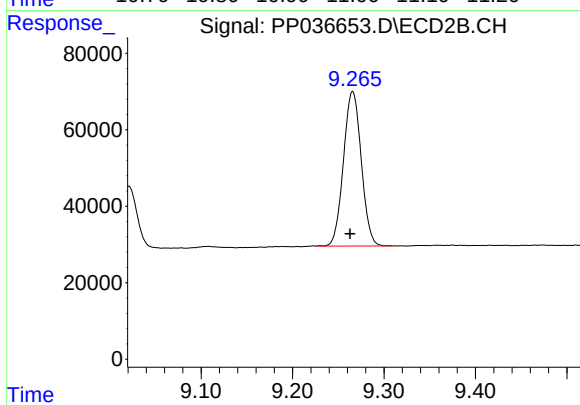
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.004 min
Response: 531736
Conc: 17.17 ng/ml



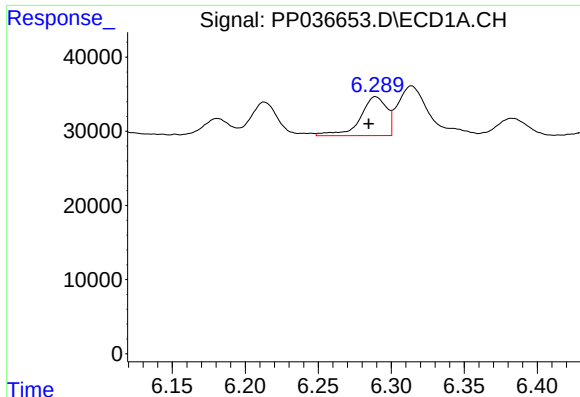
#2 Decachlorobiphenyl

R.T.: 11.010 min
Delta R.T.: 0.012 min
Response: 910167
Conc: 21.22 ng/ml



#2 Decachlorobiphenyl

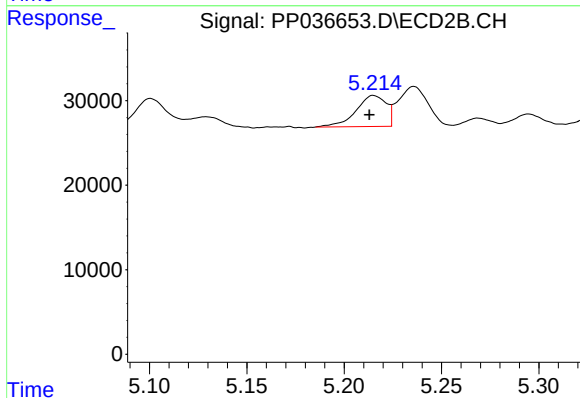
R.T.: 9.266 min
Delta R.T.: 0.003 min
Response: 546607
Conc: 17.09 ng/ml



#3 AR-1016-1

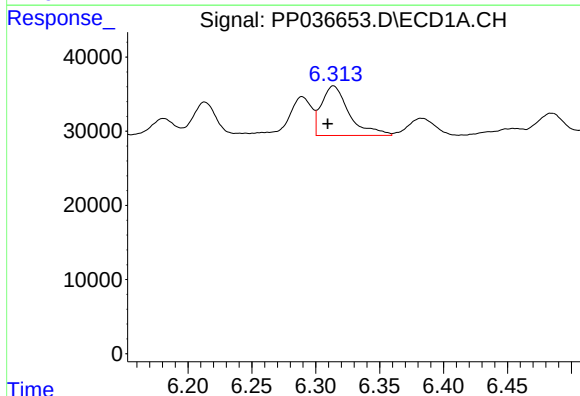
R.T.: 6.289 min
Delta R.T.: 0.004 min
Response: 66264
Conc: 39.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



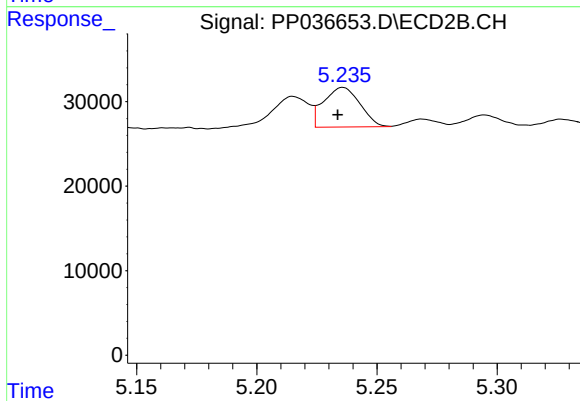
#3 AR-1016-1

R.T.: 5.215 min
Delta R.T.: 0.002 min
Response: 39644
Conc: 33.63 ng/ml



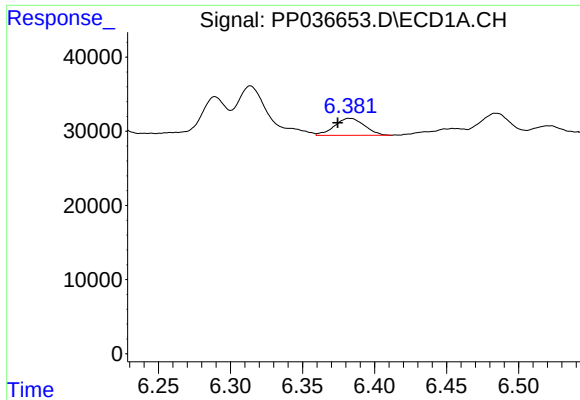
#4 AR-1016-2

R.T.: 6.314 min
Delta R.T.: 0.005 min
Response: 100826
Conc: 41.81 ng/ml



#4 AR-1016-2

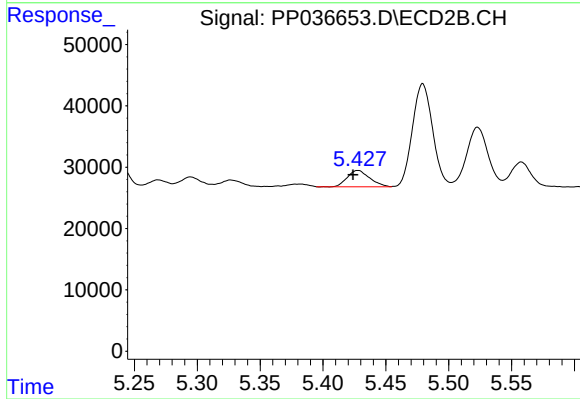
R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 49184
Conc: 30.28 ng/ml



#5 AR-1016-3

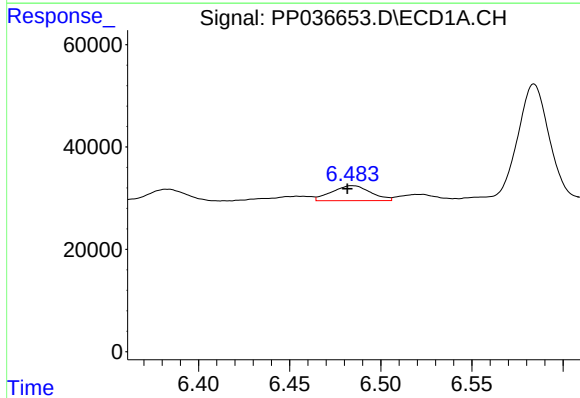
R.T.: 6.382 min
Delta R.T.: 0.008 min
Response: 33531
Conc: 21.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



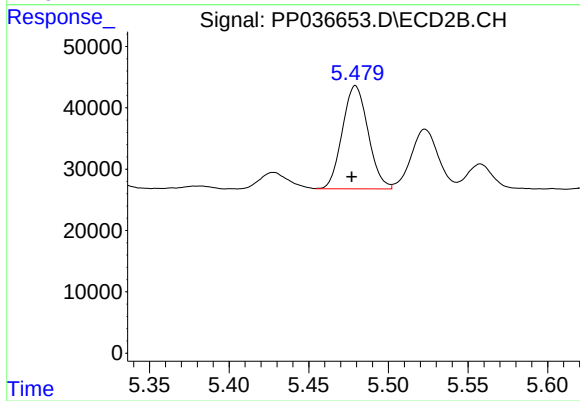
#5 AR-1016-3

R.T.: 5.428 min
Delta R.T.: 0.004 min
Response: 32907
Conc: 36.47 ng/ml



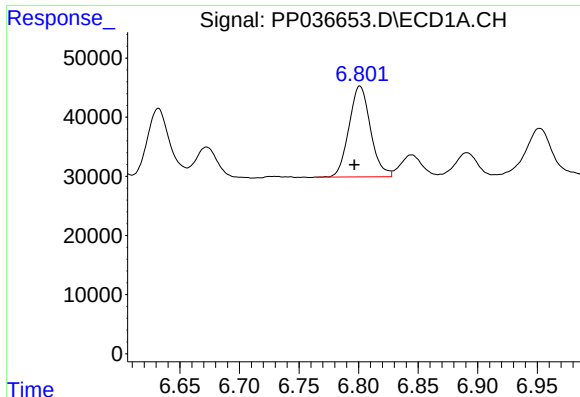
#6 AR-1016-4

R.T.: 6.484 min
Delta R.T.: 0.002 min
Response: 43511
Conc: 33.85 ng/ml



#6 AR-1016-4

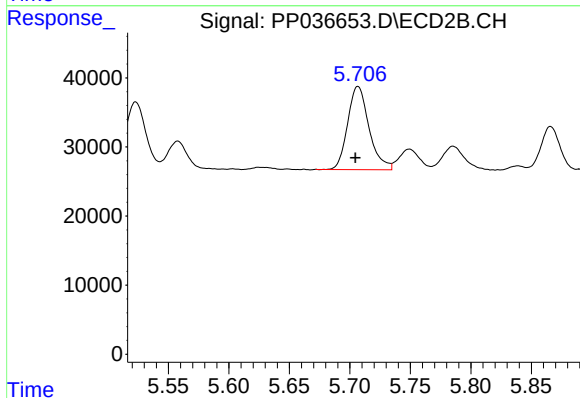
R.T.: 5.479 min
Delta R.T.: 0.002 min
Response: 189151
Conc: 266.45 ng/ml



#7 AR-1016-5

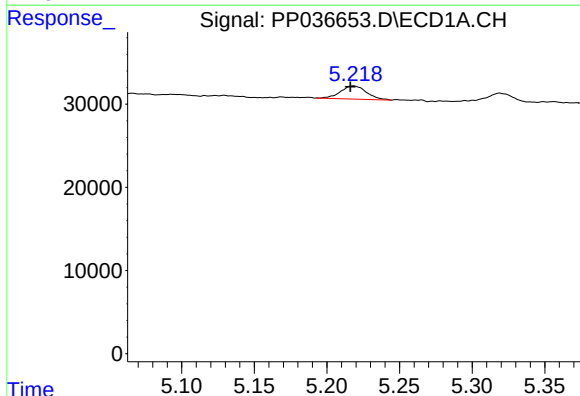
R.T.: 6.801 min
Delta R.T.: 0.005 min
Response: 193082
Conc: 150.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



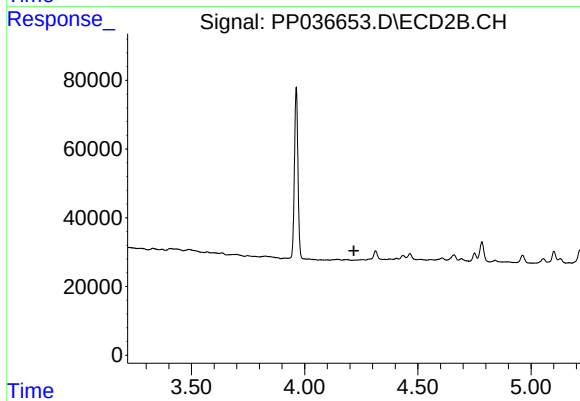
#7 AR-1016-5

R.T.: 5.707 min
Delta R.T.: 0.002 min
Response: 148526
Conc: 163.89 ng/ml



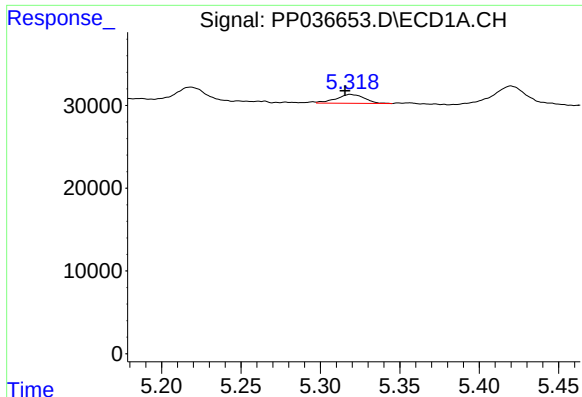
#8 AR-1221-1

R.T.: 5.218 min
Delta R.T.: 0.002 min
Response: 19677
Conc: 35.05 ng/ml



#8 AR-1221-1

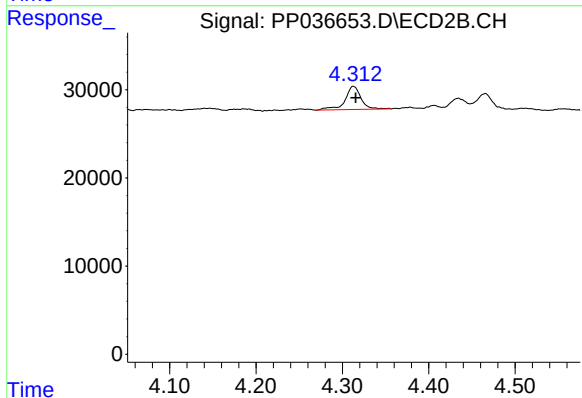
R.T.: 0.000 min
Exp R.T. : 4.217 min
Response: 0
Conc: N.D.



#9 AR-1221-2

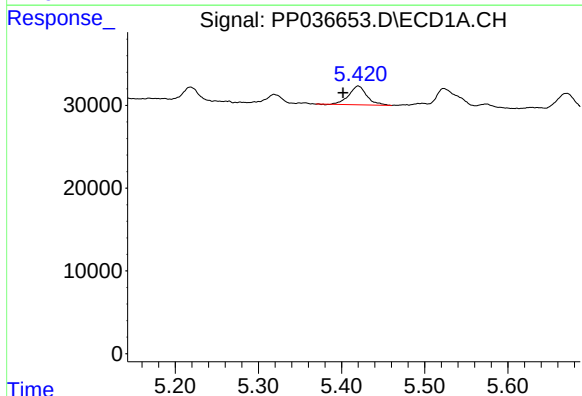
R.T.: 5.319 min
Delta R.T.: 0.003 min
Response: 13547
Conc: 31.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



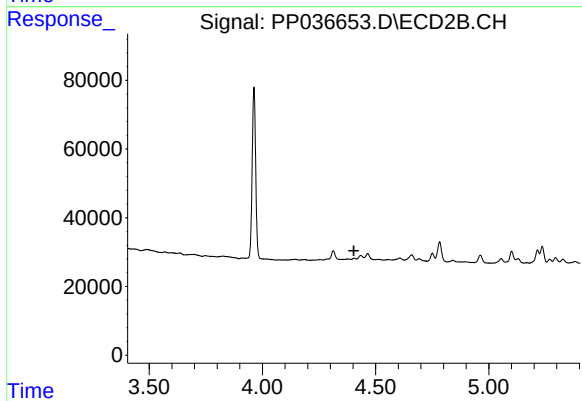
#9 AR-1221-2

R.T.: 4.313 min
Delta R.T.: -0.003 min
Response: 33608
Conc: 112.59 ng/ml



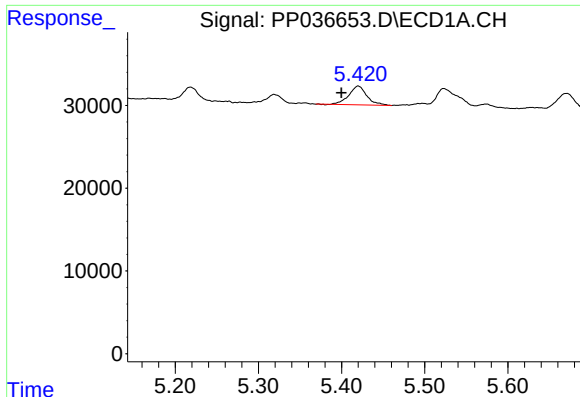
#10 AR-1221-3

R.T.: 5.420 min
Delta R.T.: 0.018 min
Response: 34424
Conc: 26.70 ng/ml



#10 AR-1221-3

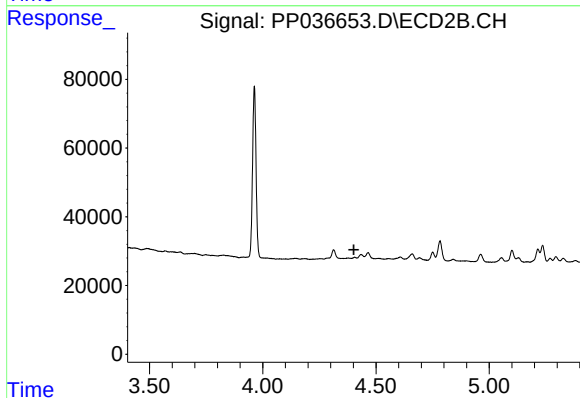
R.T.: 0.000 min
Exp R.T.: 4.404 min
Response: 0
Conc: N.D.



#11 AR-1232-1

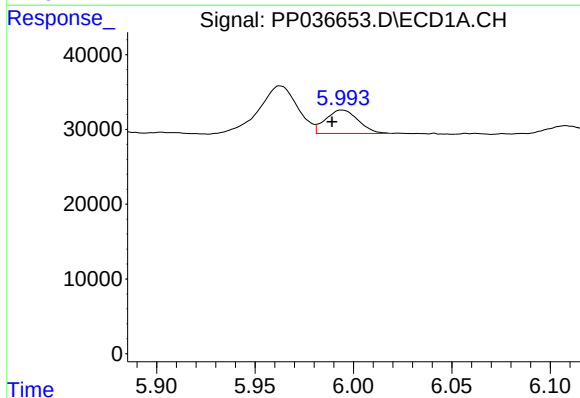
R.T.: 5.420 min
Delta R.T.: 0.020 min
Response: 34424
Conc: 32.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



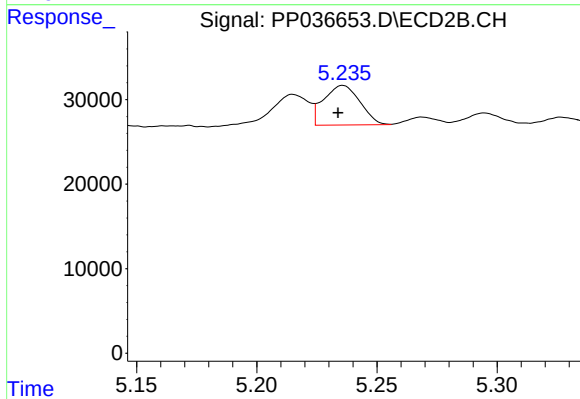
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.402 min
Response: 0
Conc: N.D.



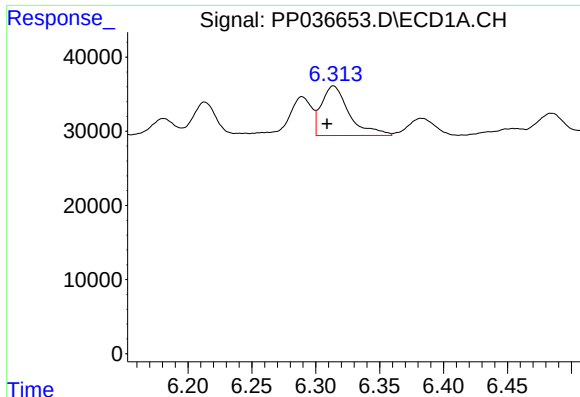
#12 AR-1232-2

R.T.: 5.994 min
Delta R.T.: 0.005 min
Response: 36274
Conc: 65.96 ng/ml



#12 AR-1232-2

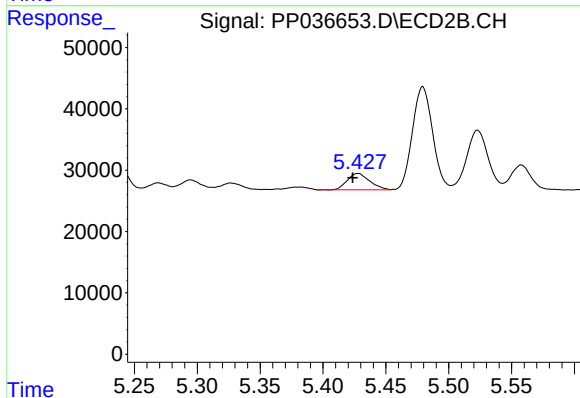
R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 49184
Conc: 73.56 ng/ml



#13 AR-1232-3

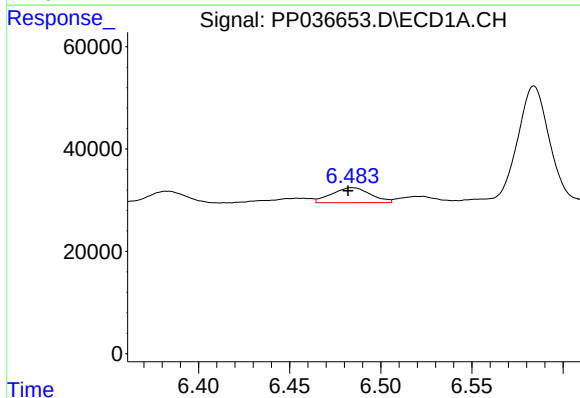
R.T.: 6.314 min
Delta R.T.: 0.005 min
Response: 100826
Conc: 98.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



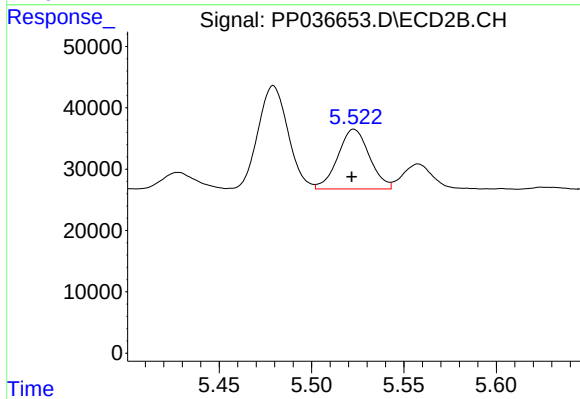
#13 AR-1232-3

R.T.: 5.428 min
Delta R.T.: 0.004 min
Response: 32907
Conc: 90.71 ng/ml



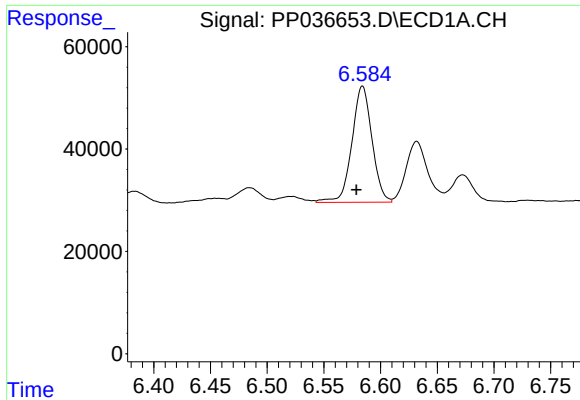
#14 AR-1232-4

R.T.: 6.484 min
Delta R.T.: 0.002 min
Response: 43511
Conc: 80.61 ng/ml



#14 AR-1232-4

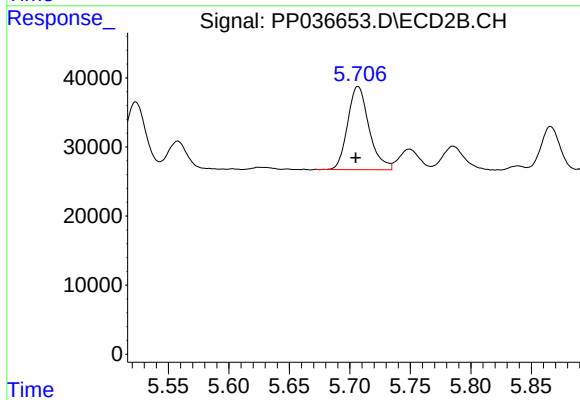
R.T.: 5.523 min
Delta R.T.: 0.001 min
Response: 115896
Conc: 370.11 ng/ml



#15 AR-1232-5

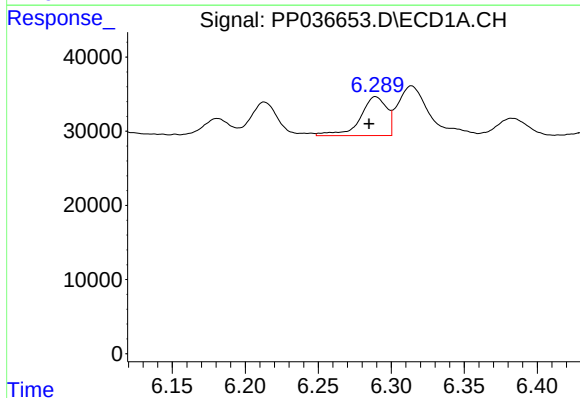
R.T.: 6.584 min
Delta R.T.: 0.005 min
Response: 280294
Conc: 764.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



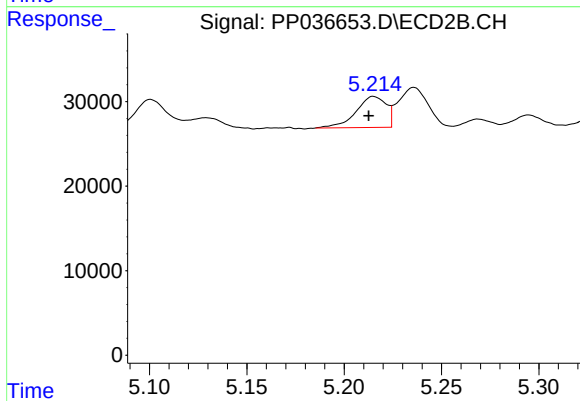
#15 AR-1232-5

R.T.: 5.707 min
Delta R.T.: 0.002 min
Response: 148526
Conc: 416.98 ng/ml



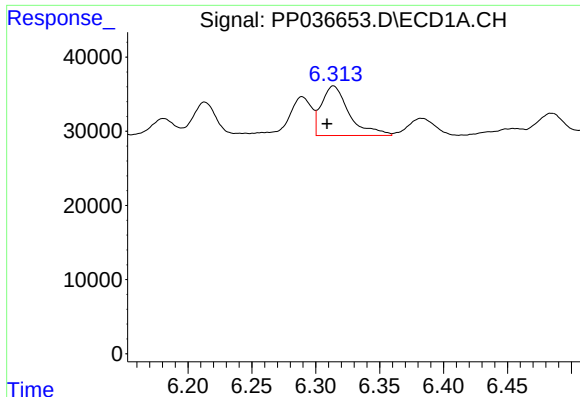
#16 AR-1242-1

R.T.: 6.289 min
Delta R.T.: 0.004 min
Response: 66264
Conc: 51.67 ng/ml



#16 AR-1242-1

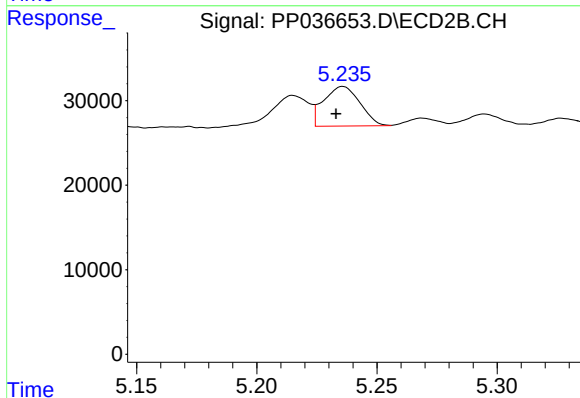
R.T.: 5.215 min
Delta R.T.: 0.002 min
Response: 39644
Conc: 44.54 ng/ml



#17 AR-1242-2

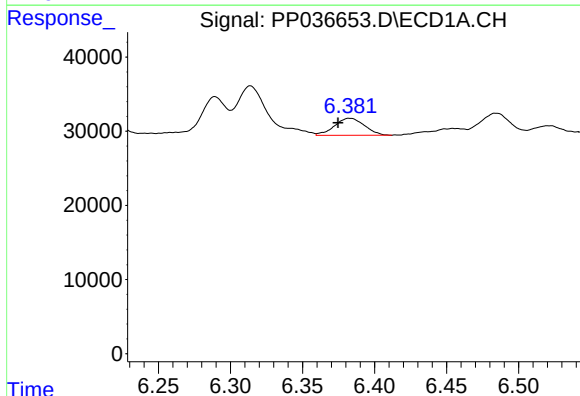
R.T.: 6.314 min
Delta R.T.: 0.005 min
Response: 100826
Conc: 55.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



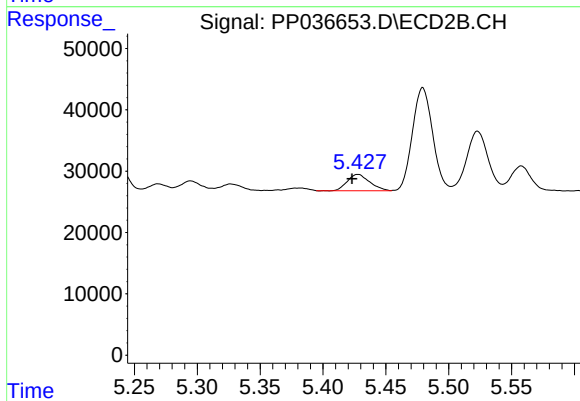
#17 AR-1242-2

R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 49184
Conc: 40.32 ng/ml



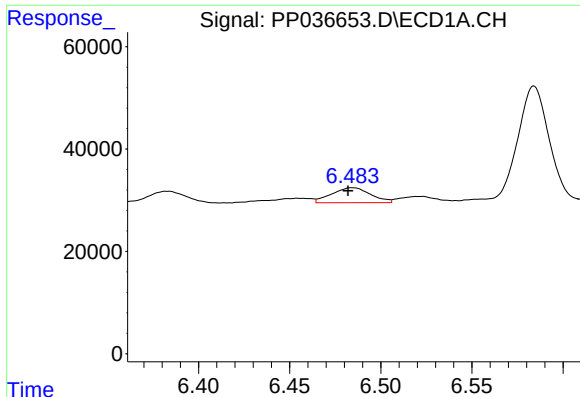
#18 AR-1242-3

R.T.: 6.382 min
Delta R.T.: 0.007 min
Response: 33531
Conc: 28.58 ng/ml



#18 AR-1242-3

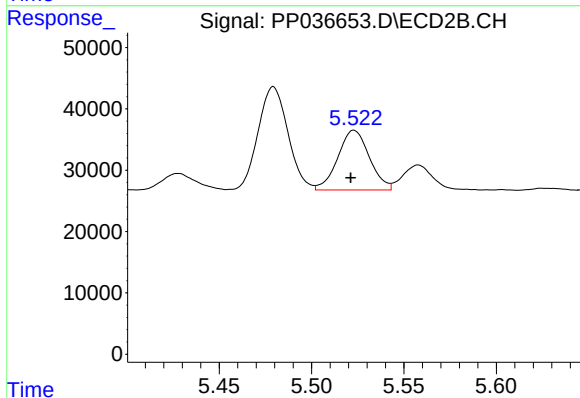
R.T.: 5.428 min
Delta R.T.: 0.005 min
Response: 32907
Conc: 48.90 ng/ml



#19 AR-1242-4

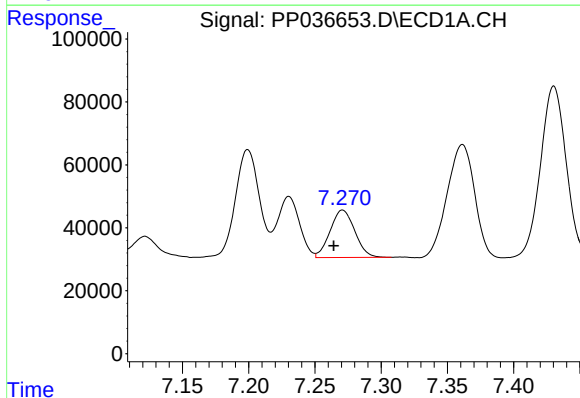
R.T.: 6.484 min
Delta R.T.: 0.002 min
Response: 43511
Conc: 44.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



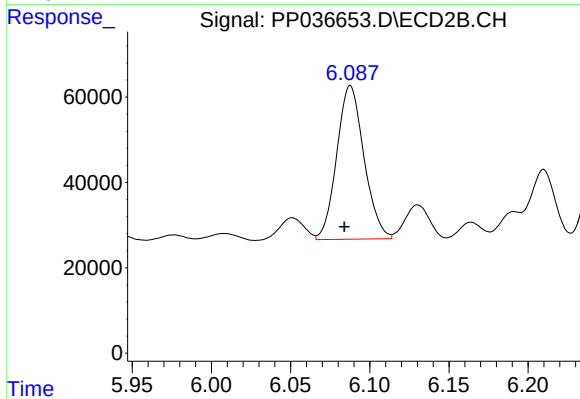
#19 AR-1242-4

R.T.: 5.523 min
Delta R.T.: 0.002 min
Response: 115896
Conc: 179.01 ng/ml



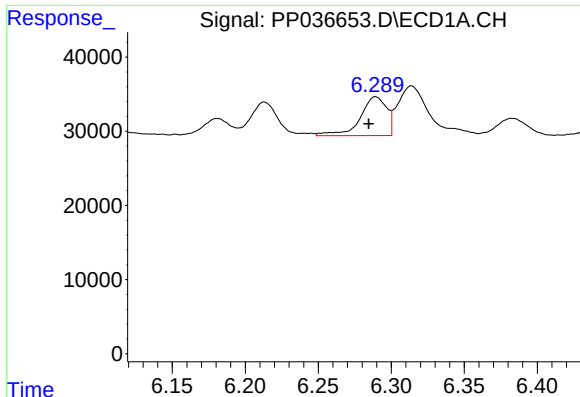
#20 AR-1242-5

R.T.: 7.271 min
Delta R.T.: 0.007 min
Response: 195550
Conc: 185.91 ng/ml



#20 AR-1242-5

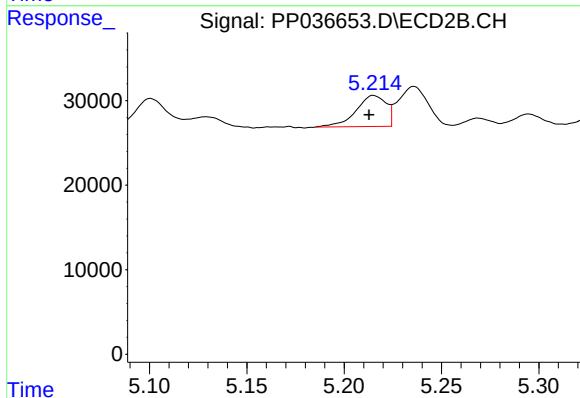
R.T.: 6.088 min
Delta R.T.: 0.004 min
Response: 430446
Conc: 527.57 ng/ml



#21 AR-1248-1

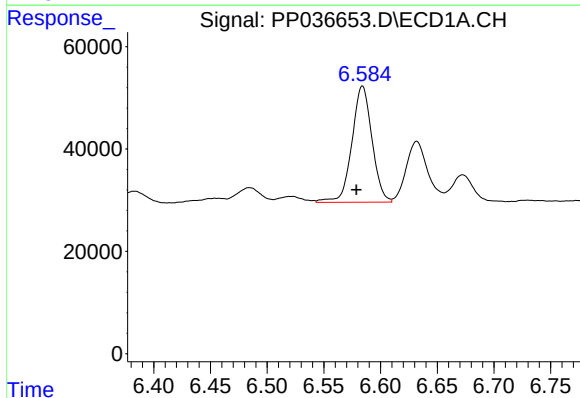
R.T.: 6.289 min
Delta R.T.: 0.005 min
Response: 66264
Conc: 65.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



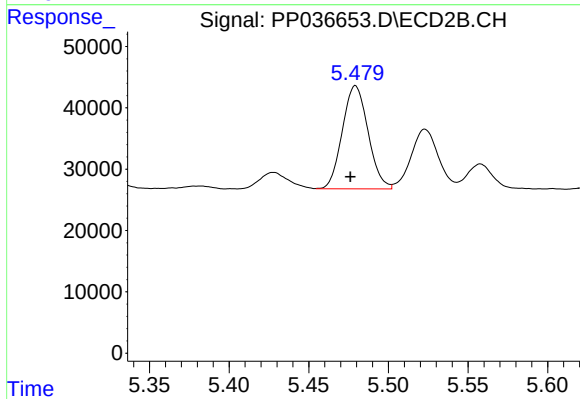
#21 AR-1248-1

R.T.: 5.215 min
Delta R.T.: 0.002 min
Response: 39644
Conc: 56.90 ng/ml



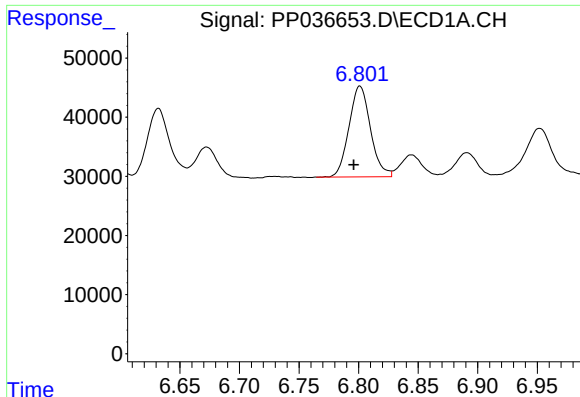
#22 AR-1248-2

R.T.: 6.584 min
Delta R.T.: 0.005 min
Response: 280294
Conc: 206.39 ng/ml



#22 AR-1248-2

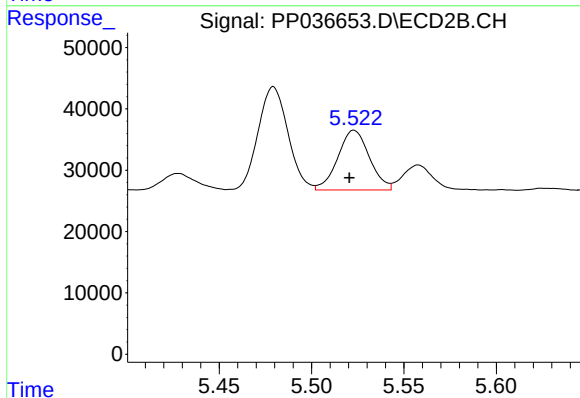
R.T.: 5.479 min
Delta R.T.: 0.003 min
Response: 189151
Conc: 199.70 ng/ml



#23 AR-1248-3

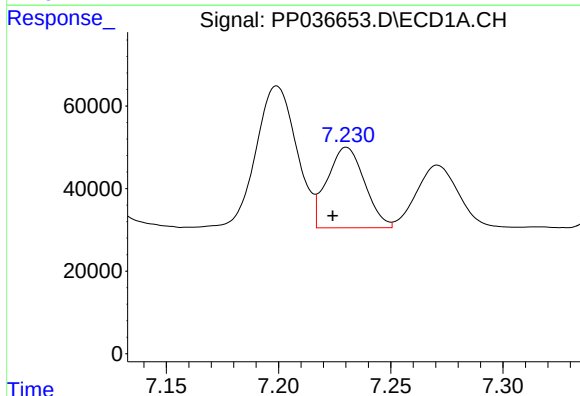
R.T.: 6.801 min
Delta R.T.: 0.005 min
Response: 193082
Conc: 118.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



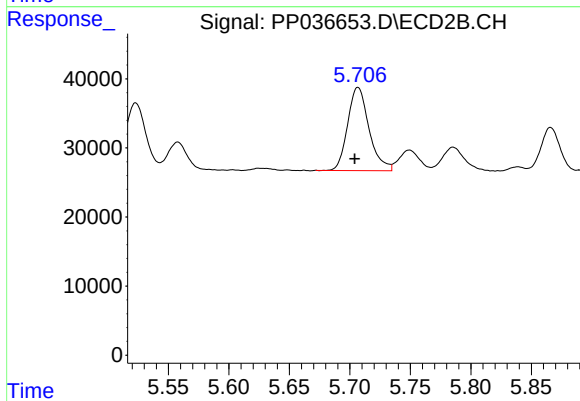
#23 AR-1248-3

R.T.: 5.523 min
Delta R.T.: 0.002 min
Response: 115896
Conc: 117.13 ng/ml



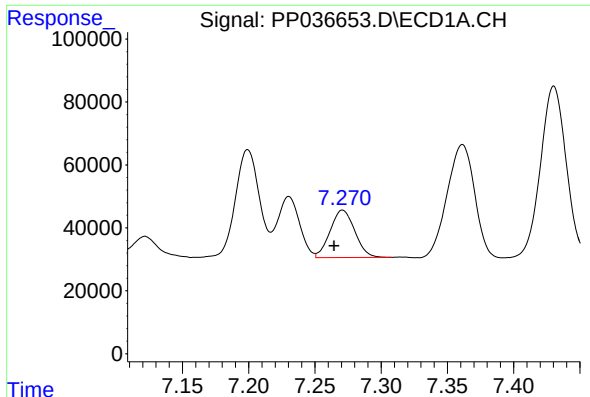
#24 AR-1248-4

R.T.: 7.230 min
Delta R.T.: 0.006 min
Response: 226281
Conc: 123.94 ng/ml



#24 AR-1248-4

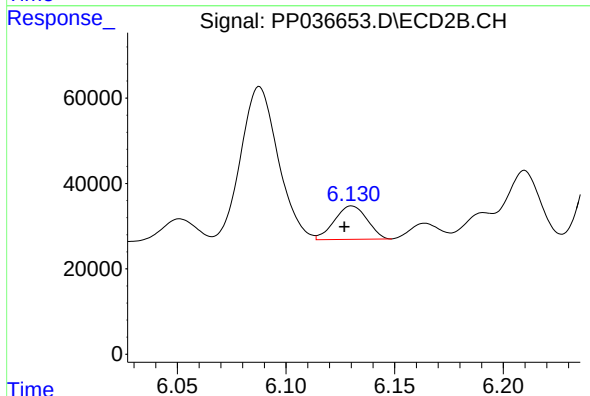
R.T.: 5.707 min
Delta R.T.: 0.003 min
Response: 148526
Conc: 126.97 ng/ml



#25 AR-1248-5

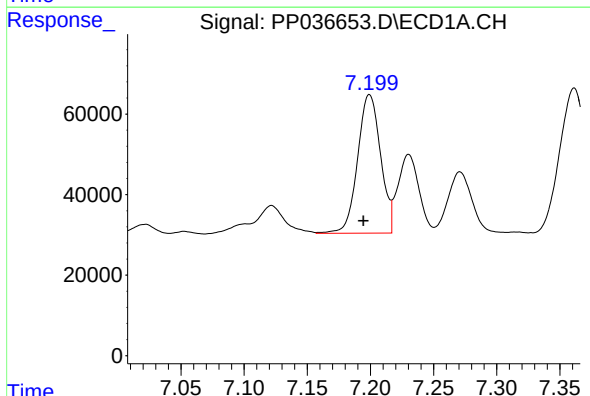
R.T.: 7.271 min
Delta R.T.: 0.006 min
Response: 195550
Conc: 108.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



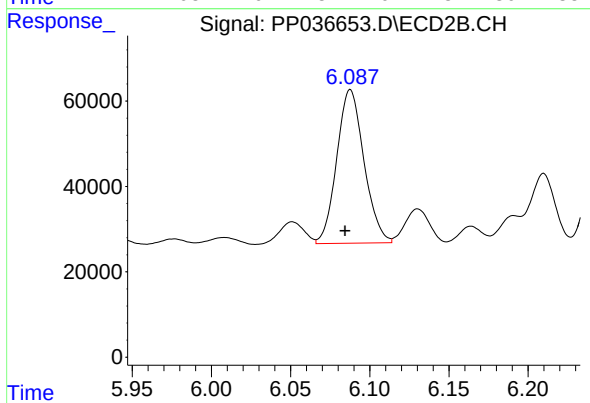
#25 AR-1248-5

R.T.: 6.130 min
Delta R.T.: 0.003 min
Response: 81916
Conc: 69.06 ng/ml



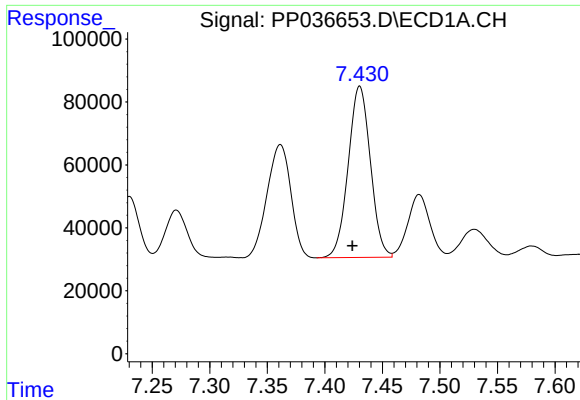
#26 AR-1254-1

R.T.: 7.199 min
Delta R.T.: 0.005 min
Response: 435405
Conc: 247.58 ng/ml



#26 AR-1254-1

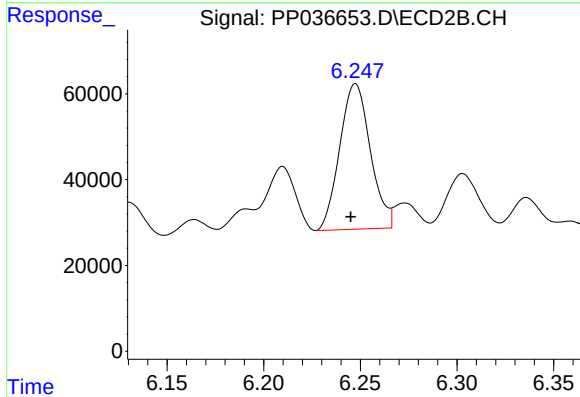
R.T.: 6.088 min
Delta R.T.: 0.003 min
Response: 430446
Conc: 254.05 ng/ml



#27 AR-1254-2

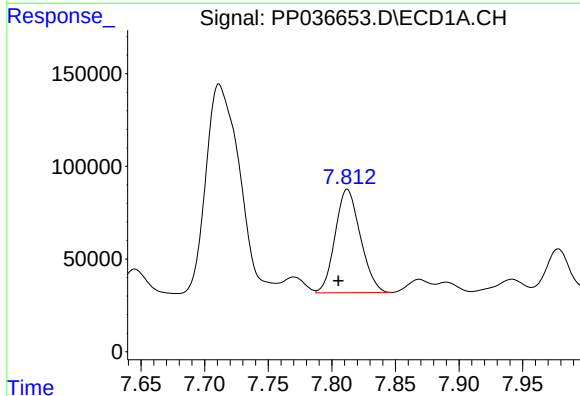
R.T.: 7.430 min
Delta R.T.: 0.006 min
Response: 733816
Conc: 271.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



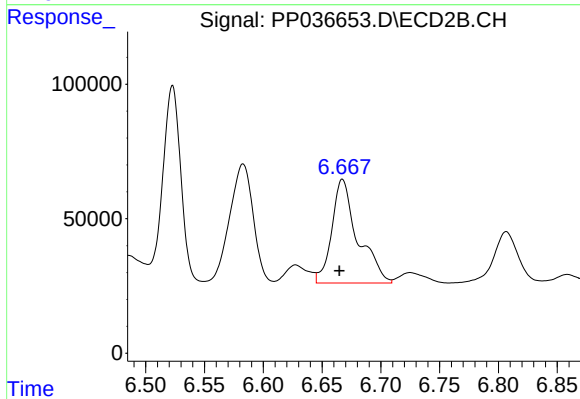
#27 AR-1254-2

R.T.: 6.248 min
Delta R.T.: 0.002 min
Response: 373800
Conc: 251.31 ng/ml



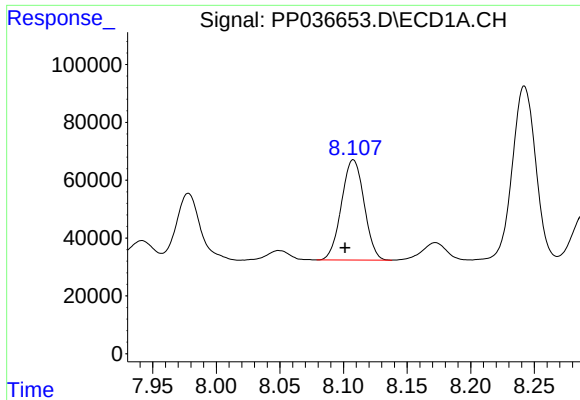
#28 AR-1254-3

R.T.: 7.812 min
Delta R.T.: 0.007 min
Response: 768713
Conc: 259.52 ng/ml



#28 AR-1254-3

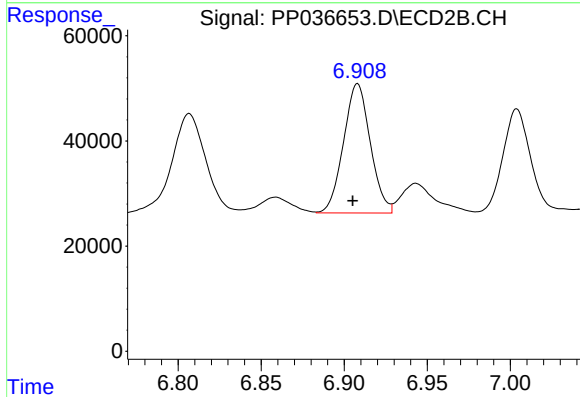
R.T.: 6.667 min
Delta R.T.: 0.002 min
Response: 593873
Conc: 244.27 ng/ml



#29 AR-1254-4

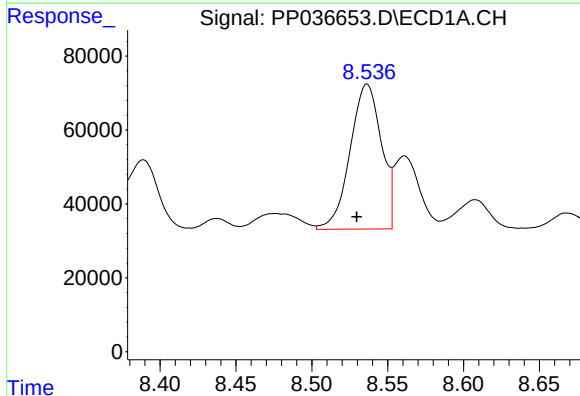
R.T.: 8.108 min
Delta R.T.: 0.007 min
Response: 429650
Conc: 195.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



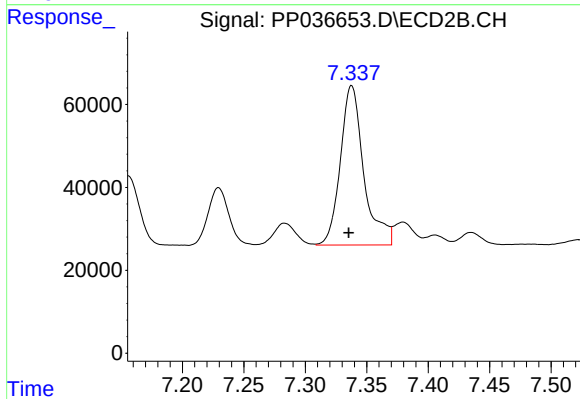
#29 AR-1254-4

R.T.: 6.908 min
Delta R.T.: 0.003 min
Response: 276077
Conc: 178.41 ng/ml



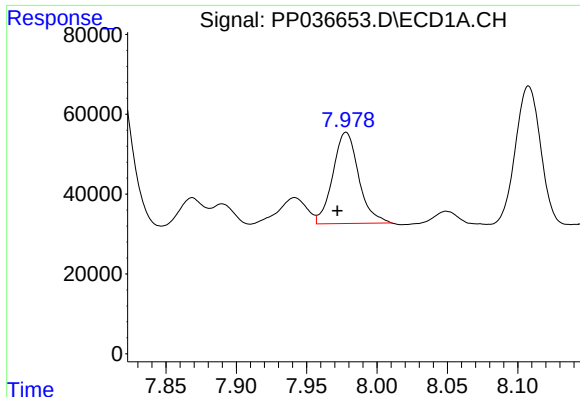
#30 AR-1254-5

R.T.: 8.536 min
Delta R.T.: 0.007 min
Response: 564022
Conc: 237.17 ng/ml



#30 AR-1254-5

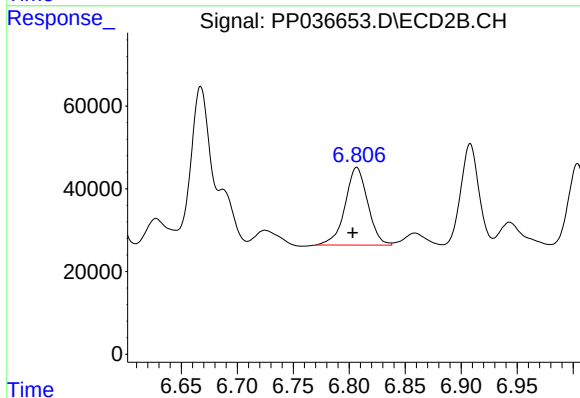
R.T.: 7.338 min
Delta R.T.: 0.002 min
Response: 511462
Conc: 237.86 ng/ml



#31 AR-1260-1

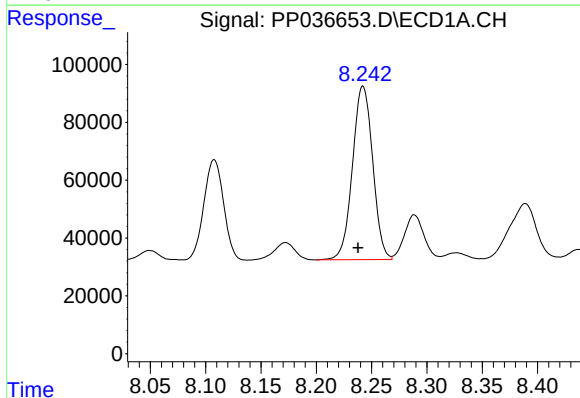
R.T.: 7.978 min
Delta R.T.: 0.006 min
Response: 293210
Conc: 135.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



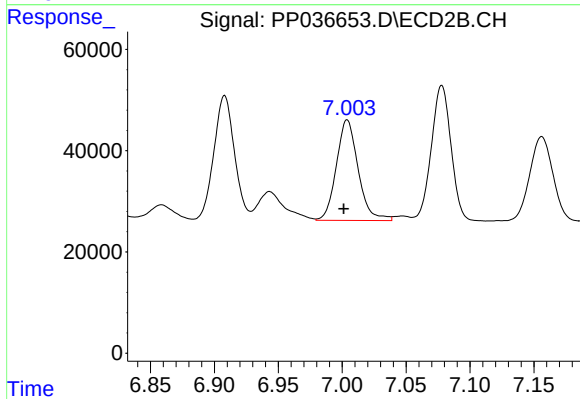
#31 AR-1260-1

R.T.: 6.807 min
Delta R.T.: 0.004 min
Response: 264790
Conc: 164.46 ng/ml



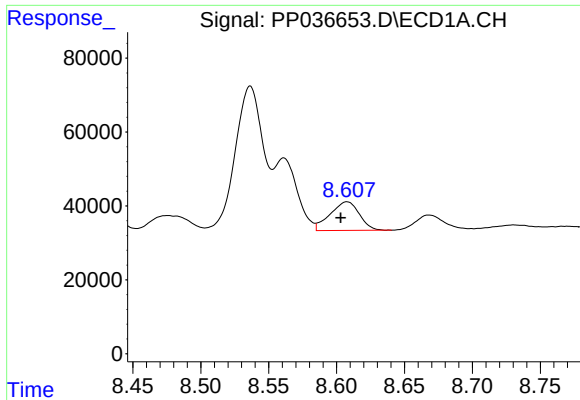
#32 AR-1260-2

R.T.: 8.242 min
Delta R.T.: 0.004 min
Response: 763110
Conc: 297.75 ng/ml



#32 AR-1260-2

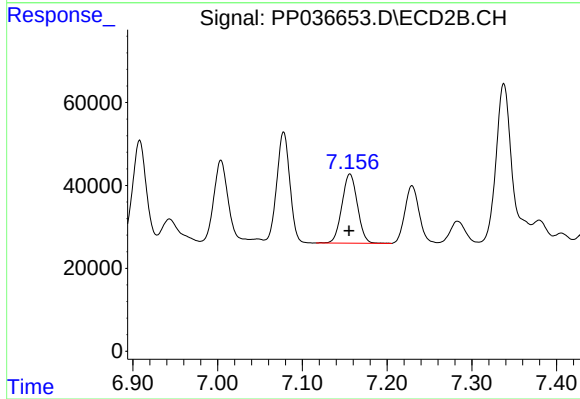
R.T.: 7.004 min
Delta R.T.: 0.003 min
Response: 236411
Conc: 121.91 ng/ml



#33 AR-1260-3

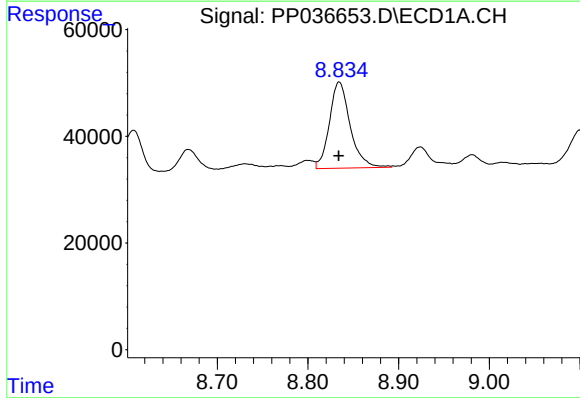
R.T.: 8.608 min
Delta R.T.: 0.005 min
Response: 116335
Conc: 58.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



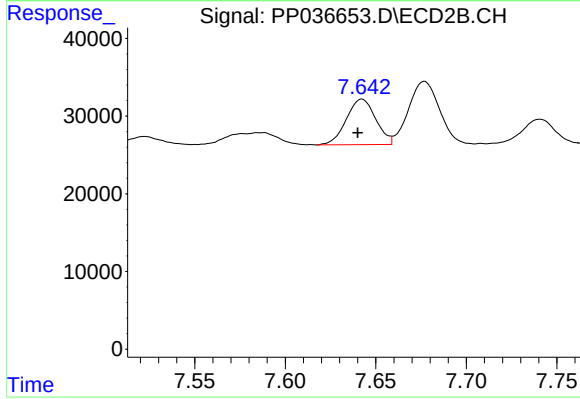
#33 AR-1260-3

R.T.: 7.156 min
Delta R.T.: 0.001 min
Response: 211444
Conc: 116.26 ng/ml



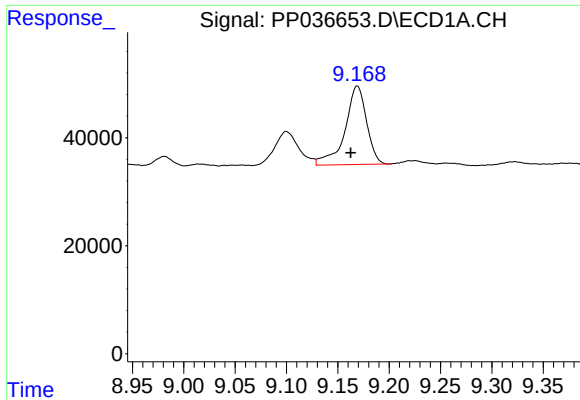
#34 AR-1260-4

R.T.: 8.834 min
Delta R.T.: 0.000 min
Response: 257051
Conc: 108.50 ng/ml



#34 AR-1260-4

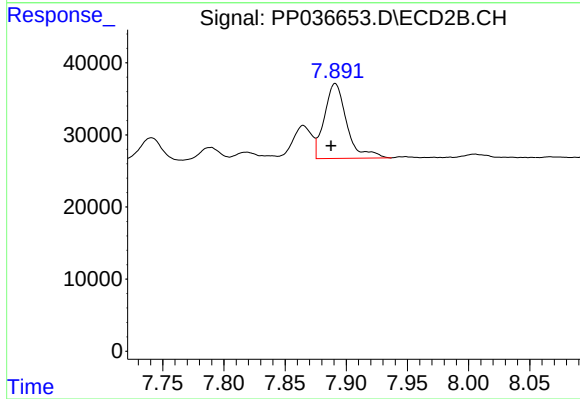
R.T.: 7.642 min
Delta R.T.: 0.002 min
Response: 66373
Conc: 42.80 ng/ml



#35 AR-1260-5

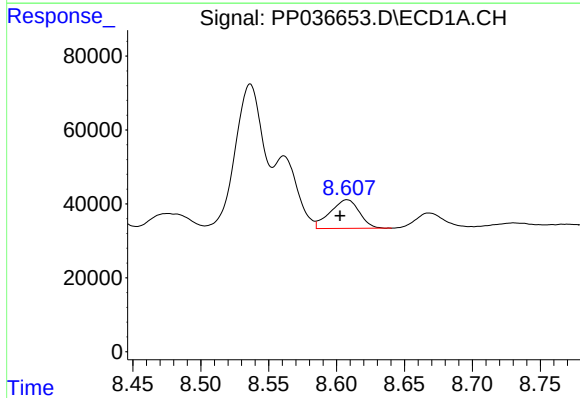
R.T.: 9.169 min
Delta R.T.: 0.006 min
Response: 212698
Conc: 47.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



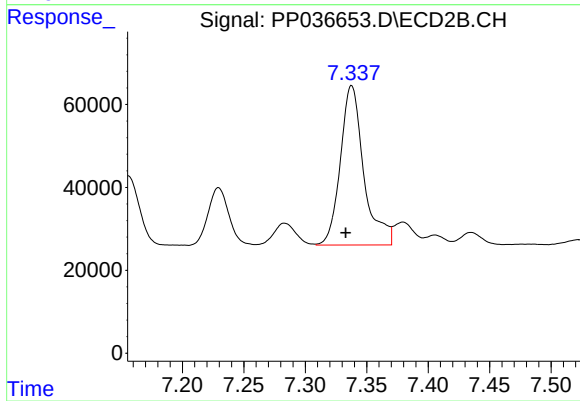
#35 AR-1260-5

R.T.: 7.891 min
Delta R.T.: 0.003 min
Response: 132062
Conc: 35.94 ng/ml



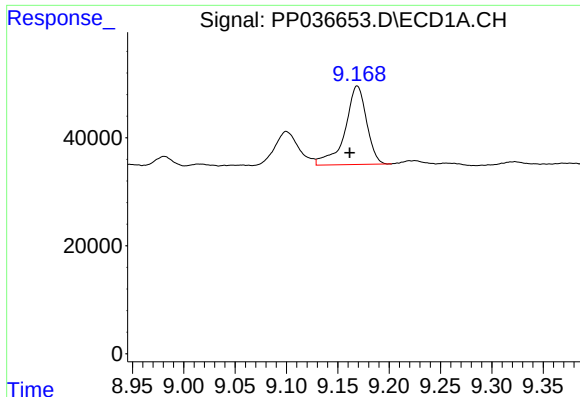
#36 AR-1262-1

R.T.: 8.608 min
Delta R.T.: 0.005 min
Response: 116335
Conc: 40.83 ng/ml



#36 AR-1262-1

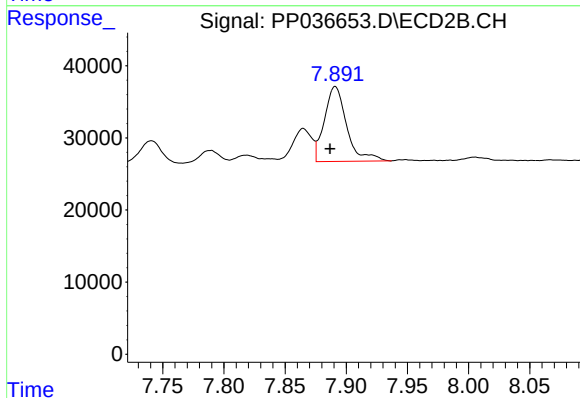
R.T.: 7.338 min
Delta R.T.: 0.005 min
Response: 511462
Conc: 429.12 ng/ml



#37 AR-1262-2

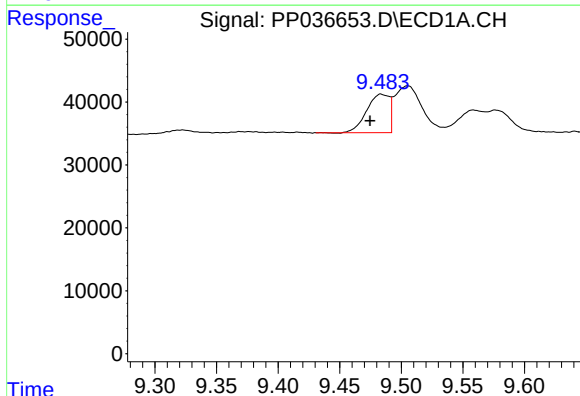
R.T.: 9.169 min
Delta R.T.: 0.007 min
Response: 212698
Conc: 41.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



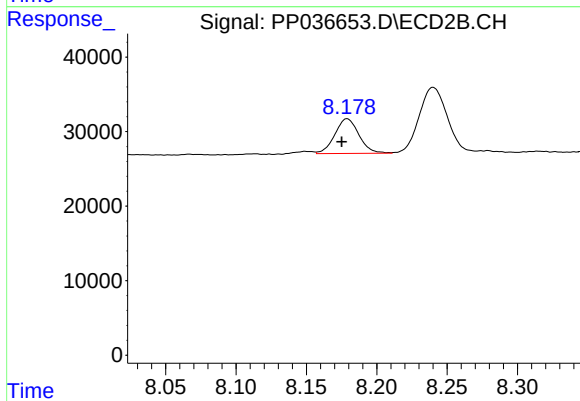
#37 AR-1262-2

R.T.: 7.891 min
Delta R.T.: 0.004 min
Response: 132062
Conc: 33.69 ng/ml



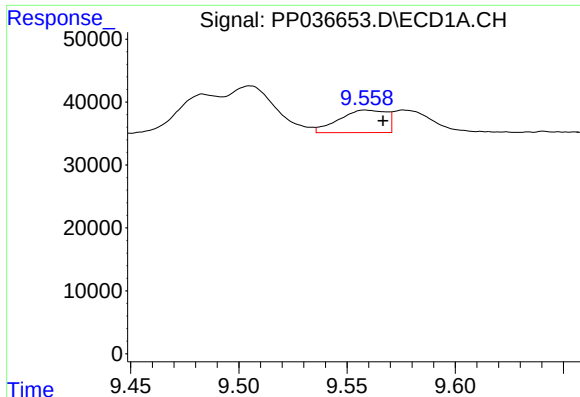
#38 AR-1262-3

R.T.: 9.484 min
Delta R.T.: 0.009 min
Response: 78274
Conc: 21.13 ng/ml



#38 AR-1262-3

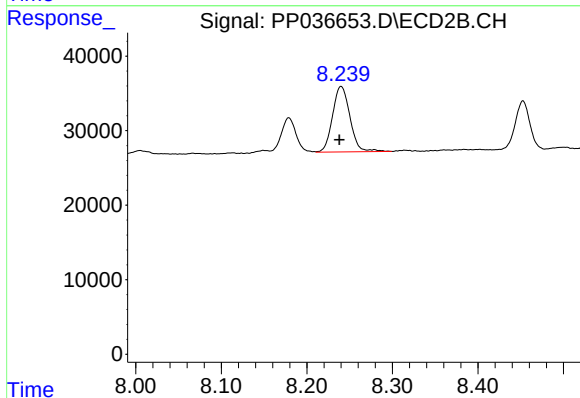
R.T.: 8.179 min
Delta R.T.: 0.004 min
Response: 55260
Conc: 34.72 ng/ml



#39 AR-1262-4

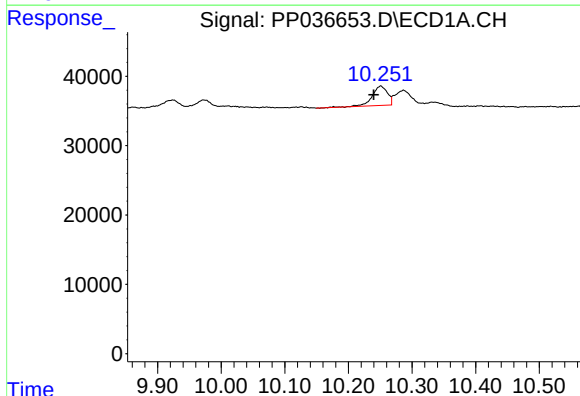
R.T.: 9.558 min
Delta R.T.: -0.008 min
Response: 54681
Conc: 19.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



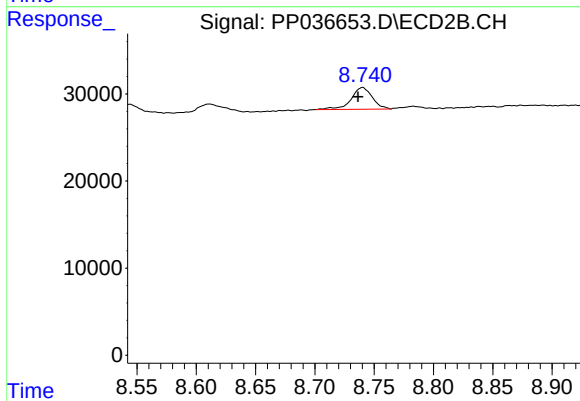
#39 AR-1262-4

R.T.: 8.240 min
Delta R.T.: 0.002 min
Response: 123964
Conc: 41.65 ng/ml



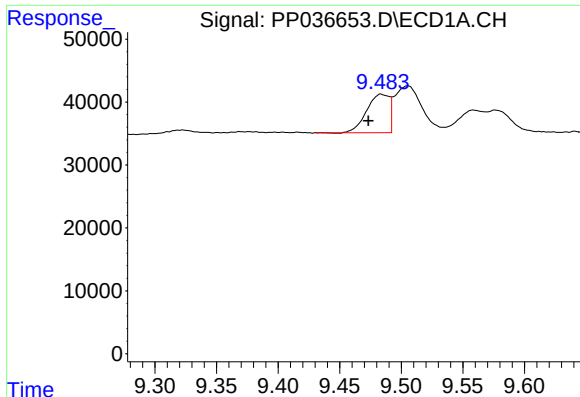
#40 AR-1262-5

R.T.: 10.251 min
Delta R.T.: 0.011 min
Response: 46069
Conc: 21.81 ng/ml



#40 AR-1262-5

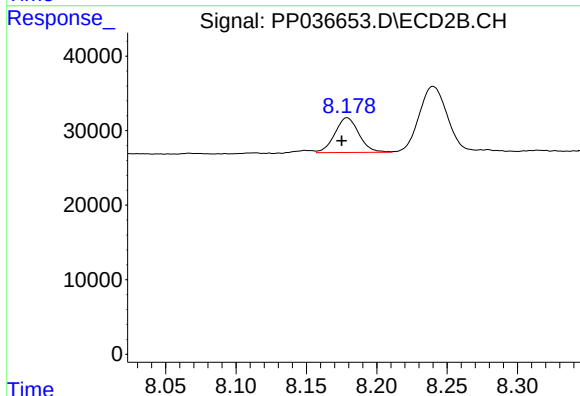
R.T.: 8.740 min
Delta R.T.: 0.004 min
Response: 30811
Conc: 21.62 ng/ml



#41 AR-1268-1

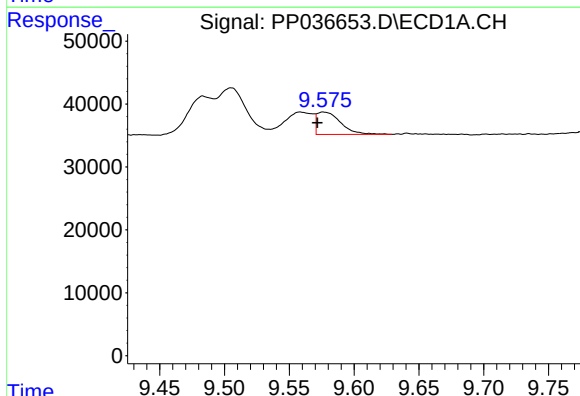
R.T.: 9.484 min
Delta R.T.: 0.010 min
Response: 78274
Conc: 13.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



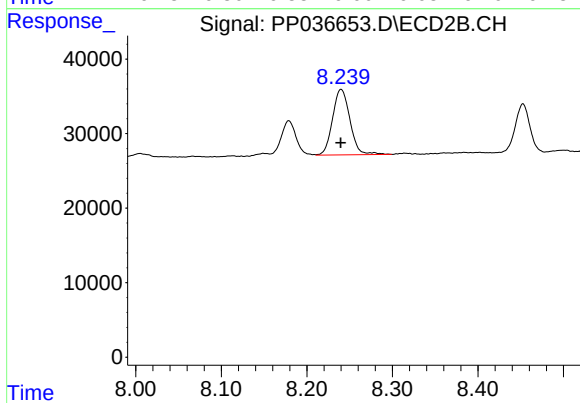
#41 AR-1268-1

R.T.: 8.179 min
Delta R.T.: 0.004 min
Response: 55260
Conc: 11.87 ng/ml



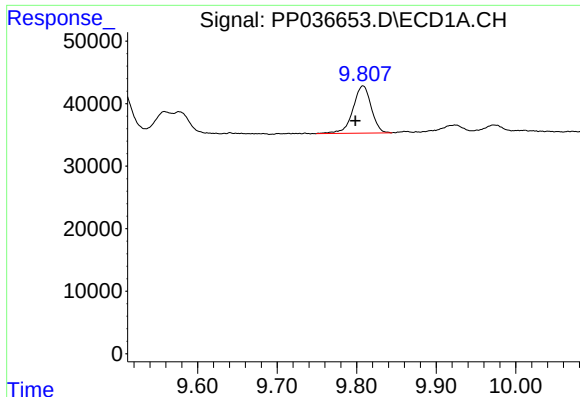
#42 AR-1268-2

R.T.: 9.576 min
Delta R.T.: 0.005 min
Response: 45353
Conc: 7.96 ng/ml



#42 AR-1268-2

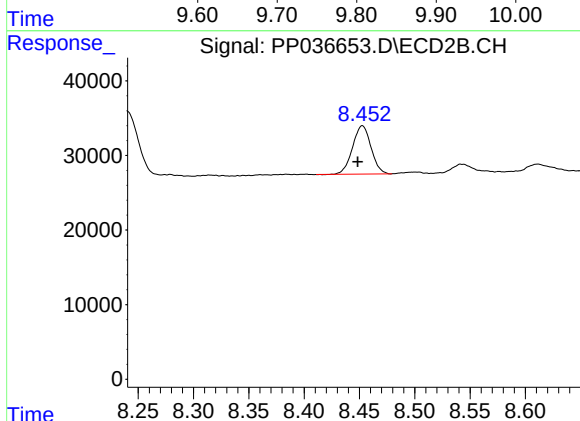
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 123964
Conc: 28.74 ng/ml



#43 AR-1268-3

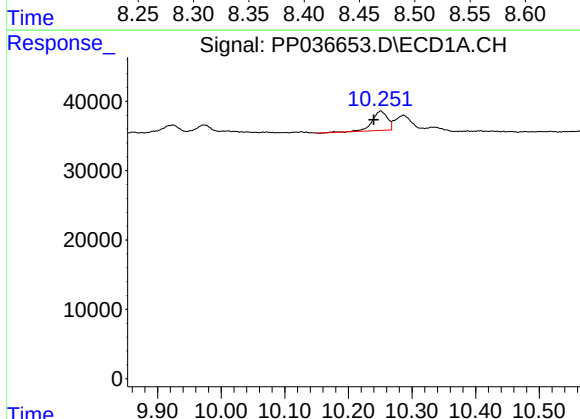
R.T.: 9.808 min
Delta R.T.: 0.010 min
Response: 120623
Conc: 25.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



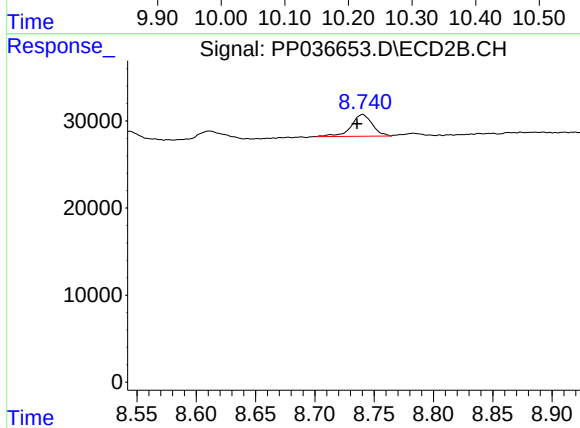
#43 AR-1268-3

R.T.: 8.453 min
Delta R.T.: 0.004 min
Response: 75369
Conc: 20.64 ng/ml



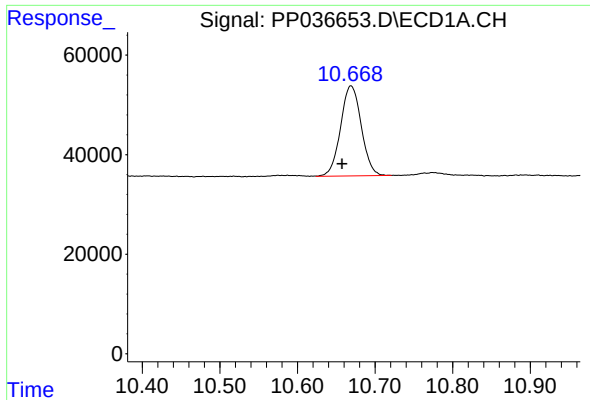
#44 AR-1268-4

R.T.: 10.251 min
Delta R.T.: 0.011 min
Response: 46069
Conc: 19.56 ng/ml



#44 AR-1268-4

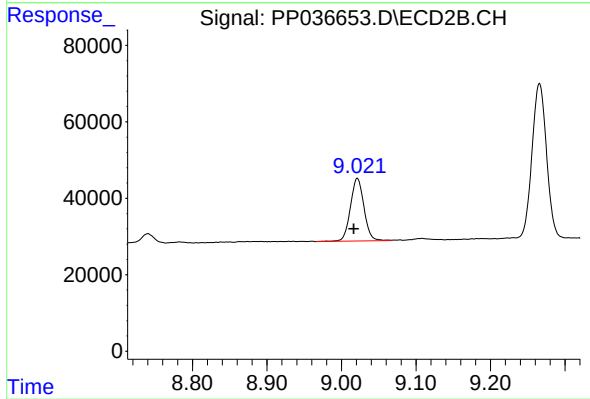
R.T.: 8.740 min
Delta R.T.: 0.005 min
Response: 30811
Conc: 19.37 ng/ml



#45 AR-1268-5

R.T.: 10.669 min
Delta R.T.: 0.012 min
Response: 335064
Conc: 21.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.021 min
Delta R.T.: 0.005 min
Response: 207398
Conc: 17.54 ng/ml