

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100225\
 Data File : PS031926.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 12:52
 Operator : AR\AJ
 Sample : Q3257-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ENV2-6FTMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/03/2025
 Supervised By : mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 02:05:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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							
4) S	2,4-DCAA	7.278	7.736	1540.1E6	408.3E6	427.637	449.264
Target Compounds							
2) T	3,5-DICHL...	6.448	6.693	892.3E6	231.7E6	167.314	151.965
5) T	DICAMBA	7.462	7.934	2199.4E6	1169.3E6	141.019	179.698 #
6) T	MCPD	7.638	8.028	96918425	4734543	10.842	2.514m#
7) T	MCPA	7.787	8.298	217.3E6	774.5E6	19.556	276.500 #
8) T	DICHLORPROP	8.170	8.652	850.2E6	273.0E6	238.711	187.632
9) T	2,4-D	8.408	8.995	484.7E6	320.8E6	141.492	195.011m#
10) T	Pentachlo...	8.700	9.503	5182.9E6	2967.8E6	97.617	74.772
11) T	2,4,5-TP ...	9.278	9.886	3544.9E6	3372.0E6	169.015	223.992m#
12) T	2,4,5-T	9.575	10.318	2878.7E6	2413.7E6	157.321	179.364
13) T	2,4-DB	10.151	10.887	364.9E6	147.3E6	156.430m	137.680m
15) T	Picloram	11.177	12.381	2343.7E6	2293.9E6	130.123m	96.857m#
16) T	DCPA	11.640	12.299	3370.8E6	4933.9E6	125.075	204.693m#

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

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Sample : Q3257-02MS
Misc :
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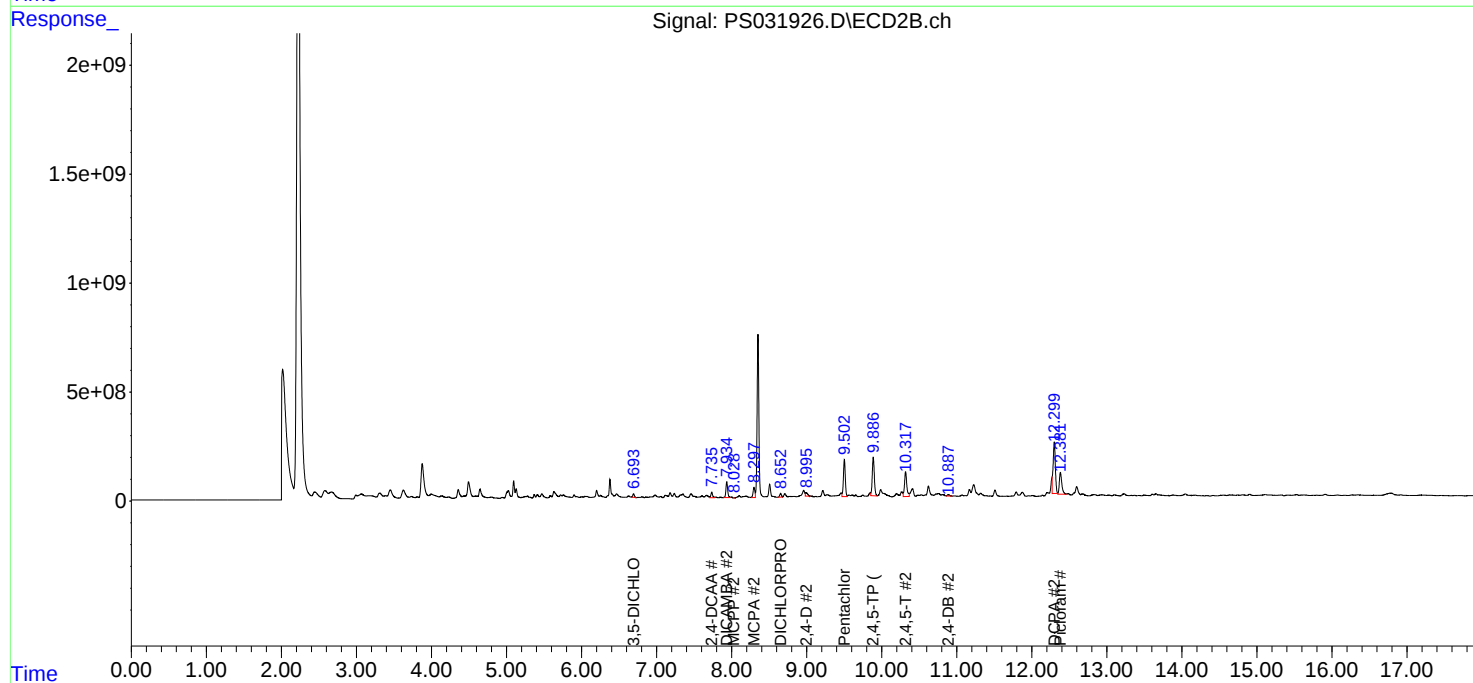
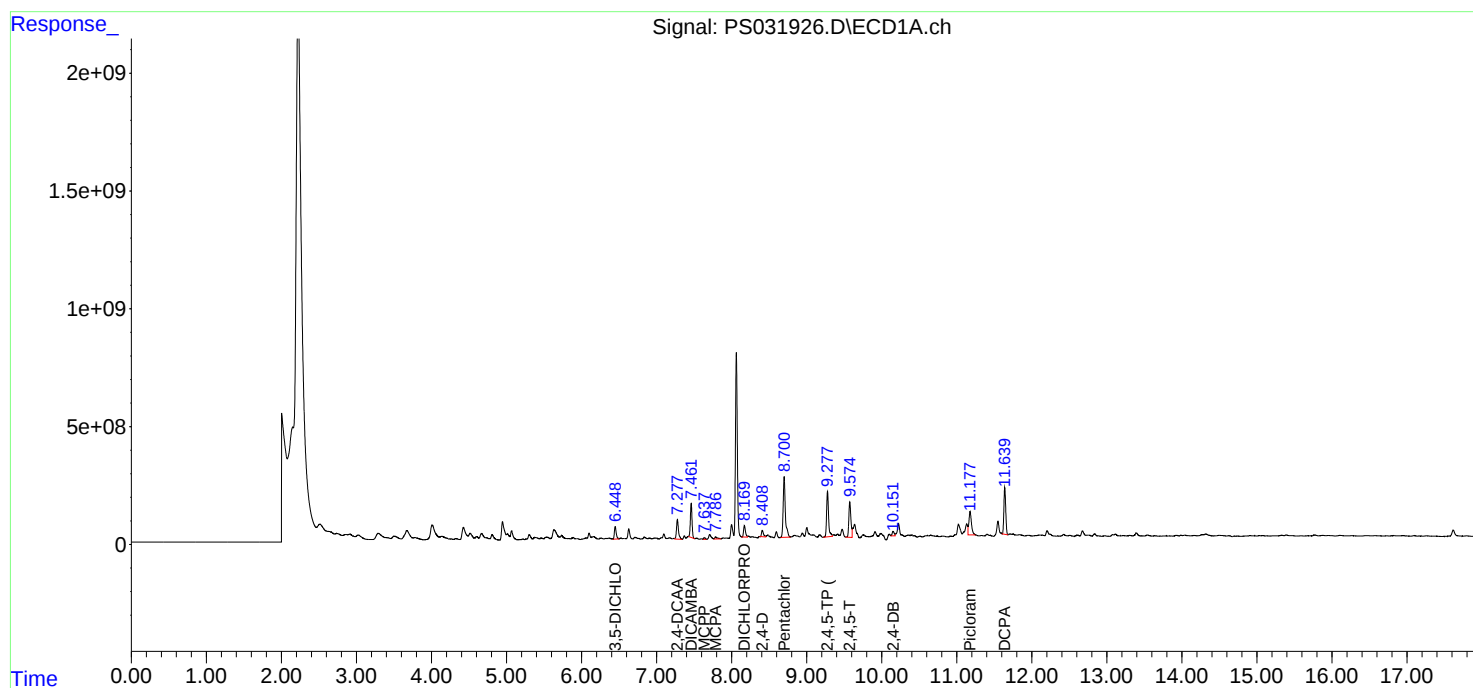
Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

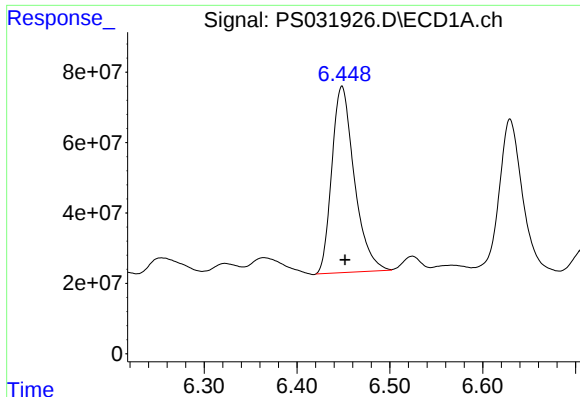
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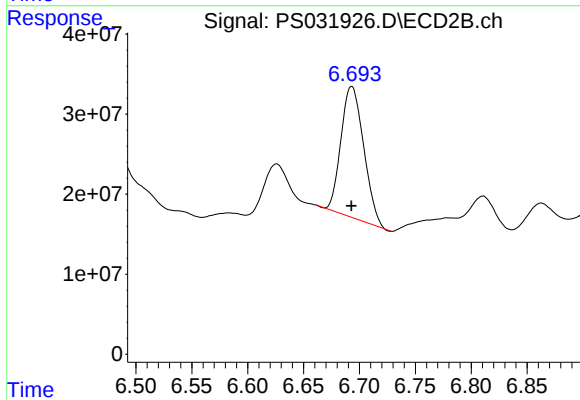
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.448 min
Delta R.T.: -0.003 min
Response: 892343987
Conc: 167.31 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

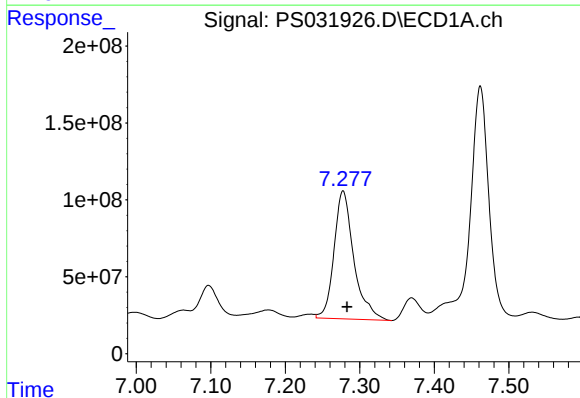
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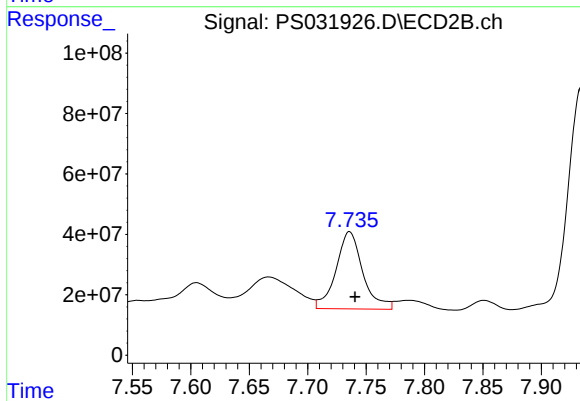
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 231741349
Conc: 151.96 ng/ml



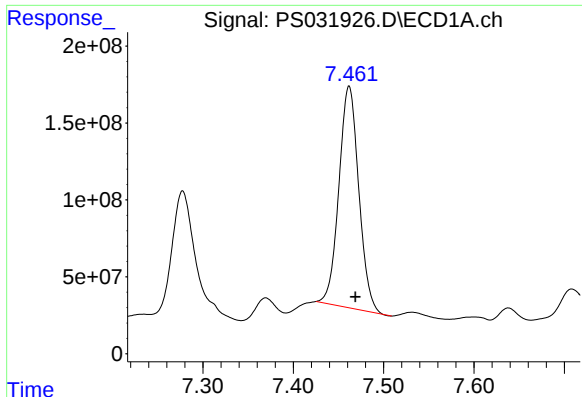
#4 2,4-DCAA

R.T.: 7.278 min
Delta R.T.: -0.006 min
Response: 1540145455
Conc: 427.64 ng/ml



#4 2,4-DCAA

R.T.: 7.736 min
Delta R.T.: -0.005 min
Response: 408335747
Conc: 449.26 ng/ml



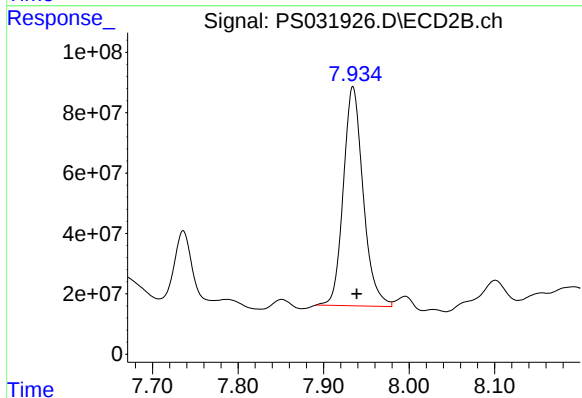
#5 DICAMBA

R.T.: 7.462 min
Delta R.T.: -0.007 min
Response: 2199436367
Conc: 141.02 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

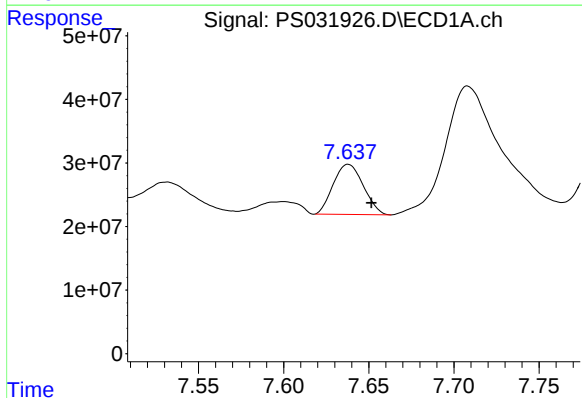
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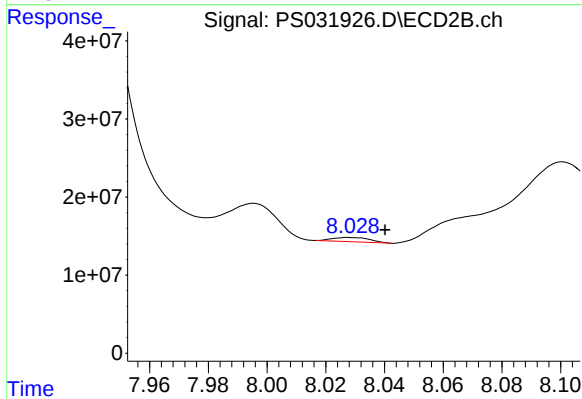
#5 DICAMBA

R.T.: 7.934 min
Delta R.T.: -0.004 min
Response: 1169269164
Conc: 179.70 ng/ml



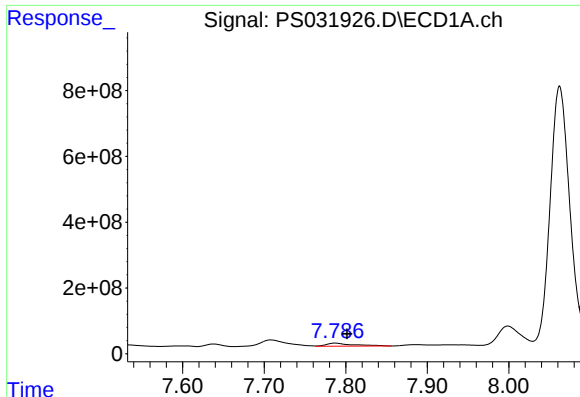
#6 MCP

R.T.: 7.638 min
Delta R.T.: -0.013 min
Response: 96918425
Conc: 10.84 ug/ml



#6 MCP

R.T.: 8.028 min
Delta R.T.: -0.012 min
Response: 4734543
Conc: 2.51 ug/ml m



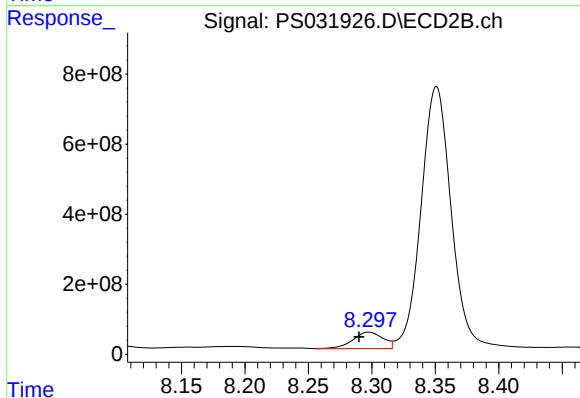
#7 MCPA

R.T.: 7.787 min
Delta R.T.: -0.015 min
Response: 217276381
Conc: 19.56 ug/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

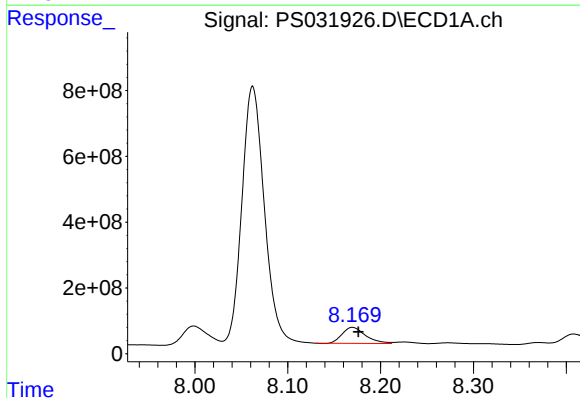
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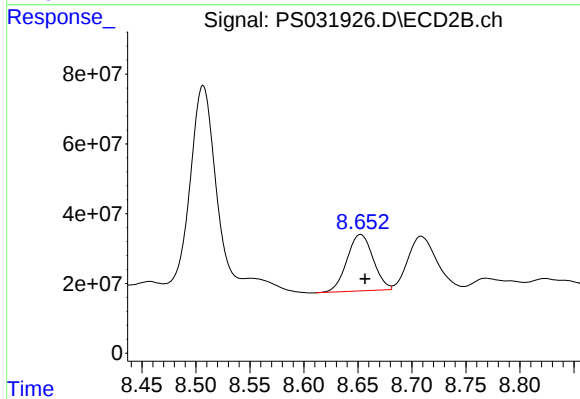
#7 MCPA

R.T.: 8.298 min
Delta R.T.: 0.008 min
Response: 774535845
Conc: 276.50 ug/ml



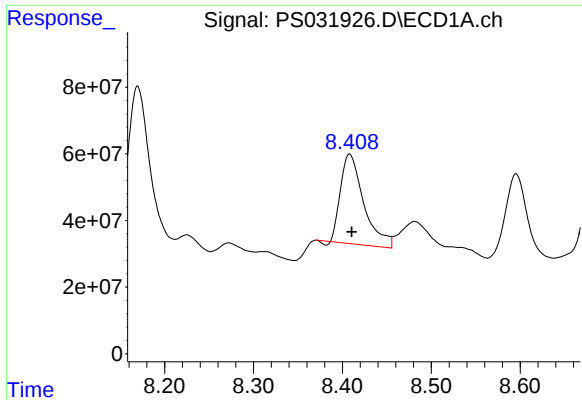
#8 DICHLORPROP

R.T.: 8.170 min
Delta R.T.: -0.007 min
Response: 850230326
Conc: 238.71 ng/ml



#8 DICHLORPROP

R.T.: 8.652 min
Delta R.T.: -0.004 min
Response: 273015780
Conc: 187.63 ng/ml



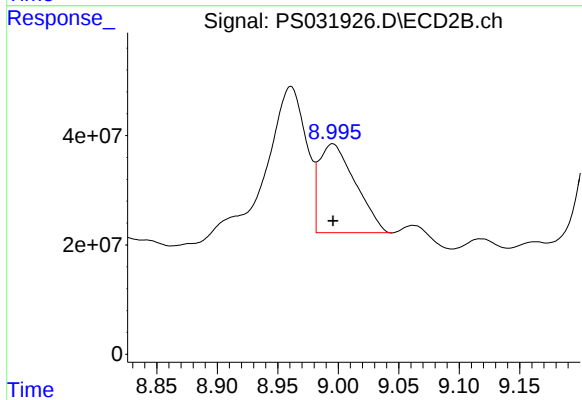
#9 2,4-D

R.T.: 8.408 min
Delta R.T.: -0.002 min
Response: 484702250
Conc: 141.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

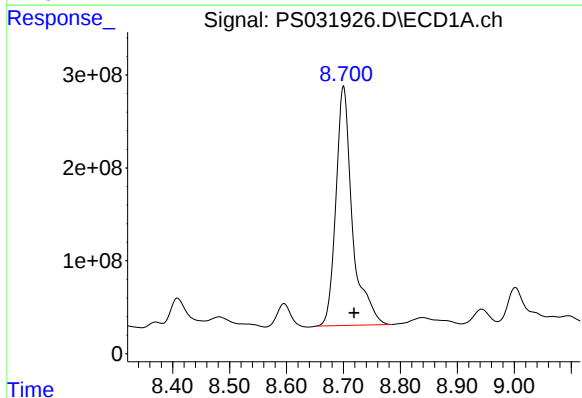
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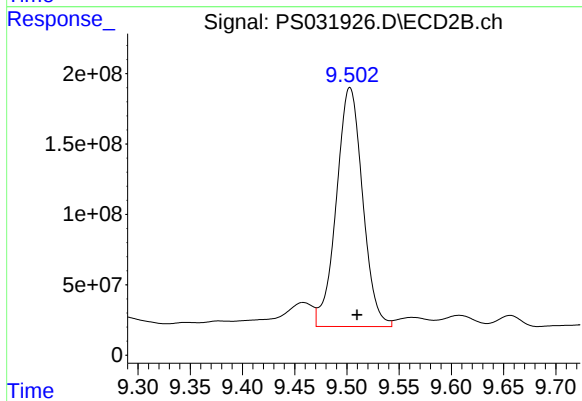
#9 2,4-D

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 320815104
Conc: 195.01 ng/ml m



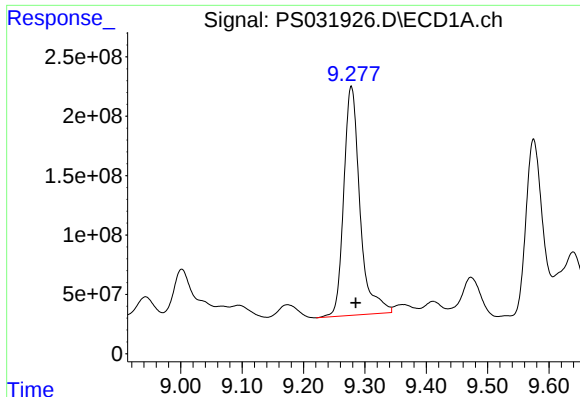
#10 Pentachlorophenol

R.T.: 8.700 min
Delta R.T.: -0.019 min
Response: 5182867785
Conc: 97.62 ng/ml



#10 Pentachlorophenol

R.T.: 9.503 min
Delta R.T.: -0.007 min
Response: 2967757729
Conc: 74.77 ng/ml



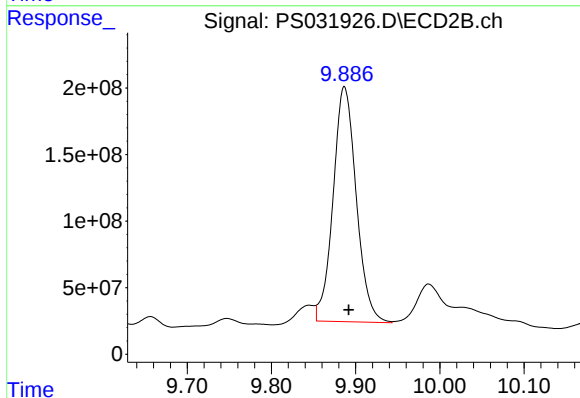
#11 2,4,5-TP (SILVEX)

R.T.: 9.278 min
Delta R.T.: -0.007 min
Response: 3544866376
Conc: 169.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

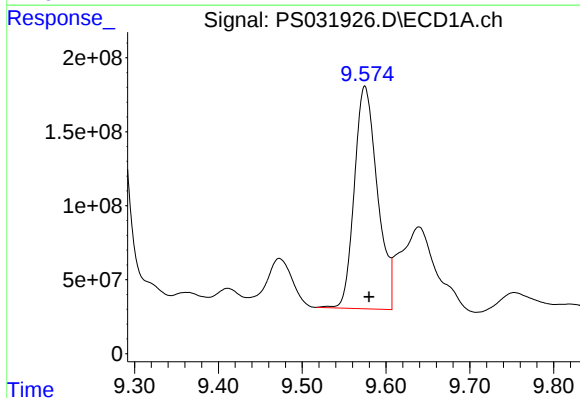
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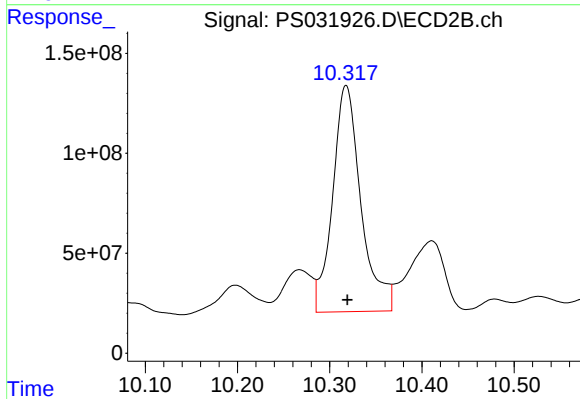
#11 2,4,5-TP (SILVEX)

R.T.: 9.886 min
Delta R.T.: -0.006 min
Response: 3372040740
Conc: 223.99 ng/ml m



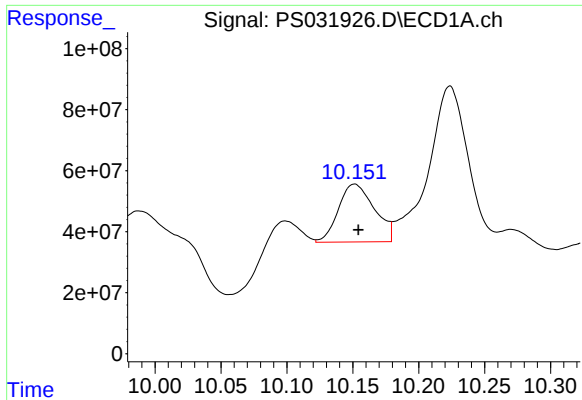
#12 2,4,5-T

R.T.: 9.575 min
Delta R.T.: -0.005 min
Response: 2878680231
Conc: 157.32 ng/ml



#12 2,4,5-T

R.T.: 10.318 min
Delta R.T.: -0.001 min
Response: 2413705331
Conc: 179.36 ng/ml



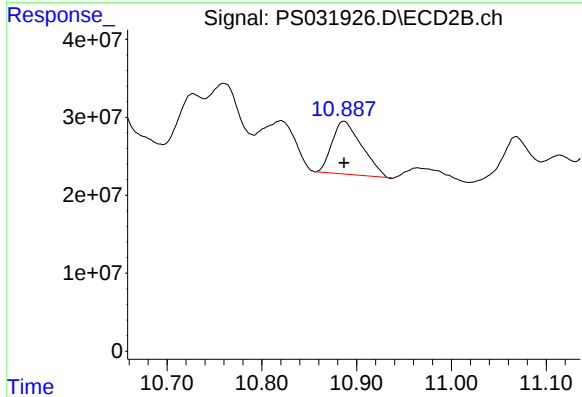
#13 2,4-DB

R.T.: 10.151 min
Delta R.T.: -0.003 min
Response: 364913677
Conc: 156.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
ENV2-6FTMS

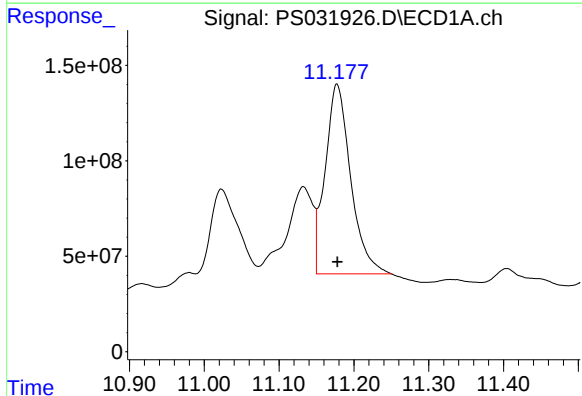
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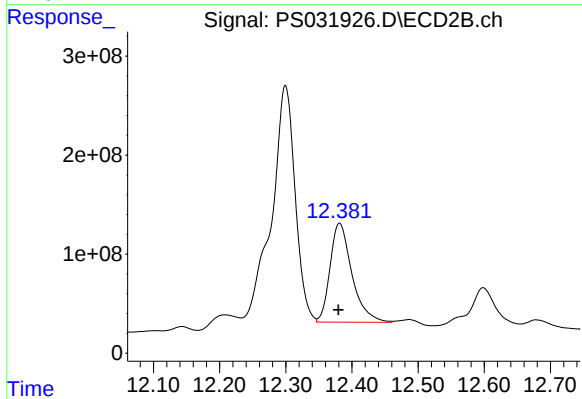
#13 2,4-DB

R.T.: 10.887 min
Delta R.T.: 0.000 min
Response: 147324058
Conc: 137.68 ng/ml m



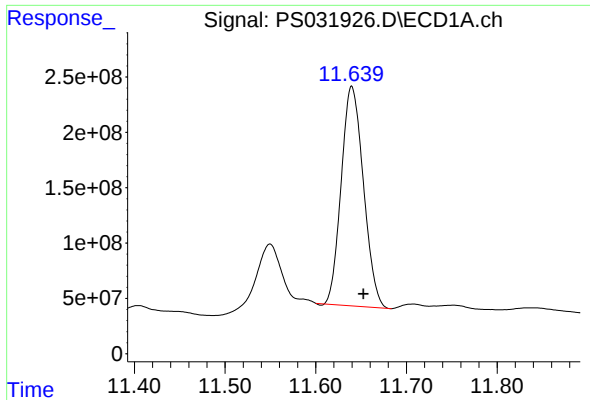
#15 Picloram

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 2343656806
Conc: 130.12 ng/ml m



#15 Picloram

R.T.: 12.381 min
Delta R.T.: 0.001 min
Response: 2293898634
Conc: 96.86 ng/ml m



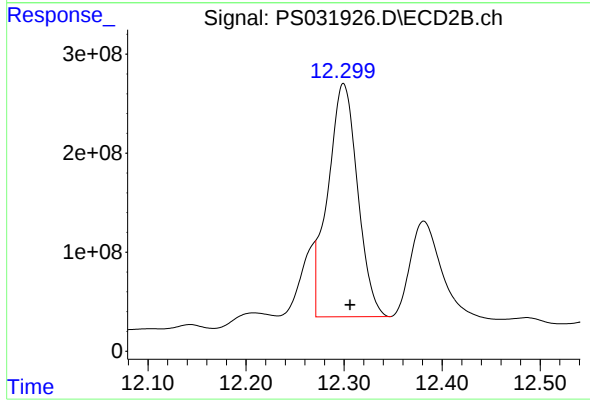
#16 DCPA

R.T.: 11.640 min
Delta R.T.: -0.013 min
Response: 3370759408
Conc: 125.08 ng/ml

Instrument :
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ClientSampleId :
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#16 DCPA

R.T.: 12.299 min
Delta R.T.: -0.007 min
Response: 4933935433
Conc: 204.69 ng/ml m