

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS070825\
 Data File : PS030948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 12:43
 Operator : AR\AJ
 Sample : PB168706BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168706BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 01:36:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.335	7.765	1965.5E6	545.8E6	534.923m	509.183
Target Compounds							
1) T	Dalapon	2.705	2.712	2821.4E6	1285.2E6	472.943	468.738
2) T	3,5-DICHL...	6.496	6.713	2680.3E6	762.3E6	498.422	472.552
3) T	4-Nitroph...	7.135	7.299	764.7E6	788.1E6	484.997	454.598
5) T	DICAMBA	7.524	7.968	7782.2E6	3205.0E6	511.480m	489.076
6) T	MCPD	7.704	8.065	473.4E6	105.5E6	50.429m	50.296
7) T	MCPA	7.855	8.314	556.6E6	150.1E6	47.447	47.710
8) T	DICHLORPROP	8.237	8.686	1814.1E6	742.3E6	484.296	472.041
9) T	2,4-D	8.469	9.022	1745.1E6	802.5E6	506.640	472.220
10) T	Pentachlo...	8.775	9.546	28173.3E6	19531.7E6	532.321m	512.346
11) T	2,4,5-TP ...	9.355	9.927	10521.3E6	7257.9E6	525.268	503.016
12) T	2,4,5-T	9.649	10.354	9100.3E6	6889.4E6	553.102	504.175
13) T	2,4-DB	10.226	10.921	1330.3E6	580.2E6	580.047	490.481
14) T	DINOSEB	11.442f	11.306	6890.4E6	4958.0E6	496.670m	459.872
15) T	Picloram	11.256	12.415	9060.5E6	11408.6E6	563.598m	490.873
16) T	DCPA	11.740f	12.349	14072.5E6	11345.2E6	549.356	514.691m

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

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Operator : AR\AJ
Sample : PB168706BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

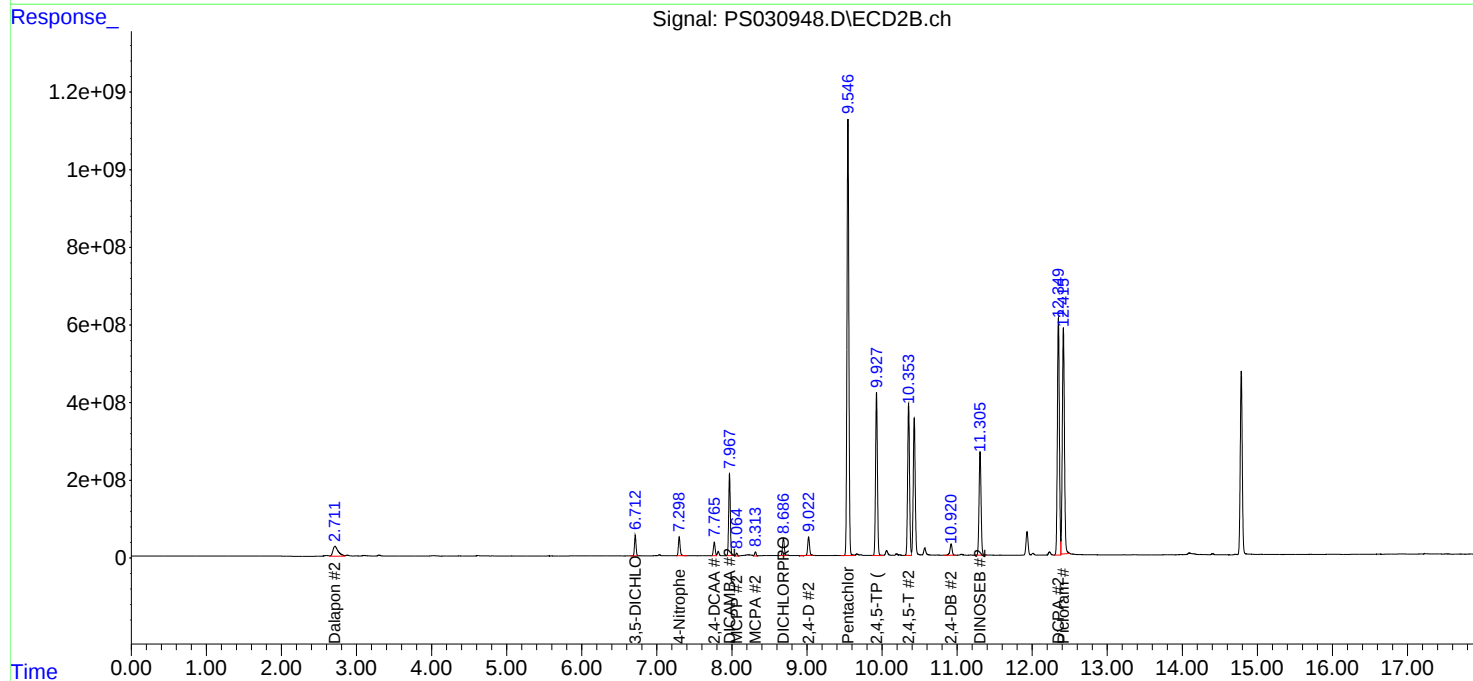
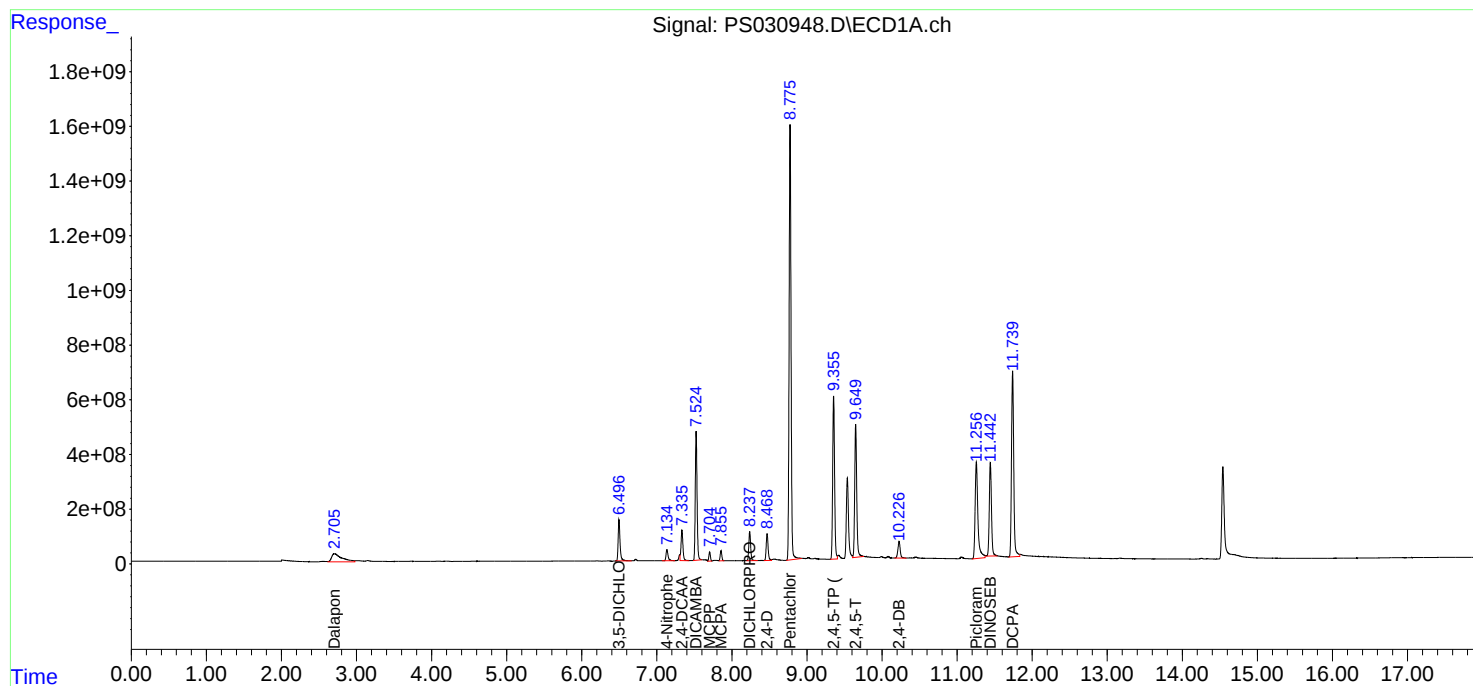
Instrument :
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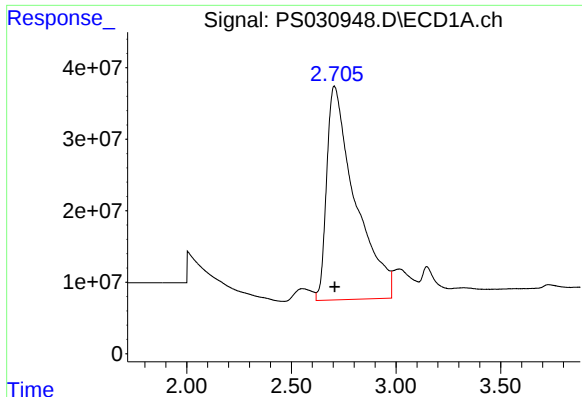
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Integration File signal 1: autoint1.e
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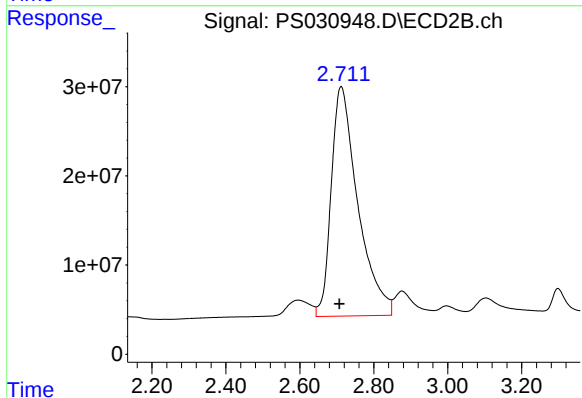
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 2821403799
Conc: 472.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BS

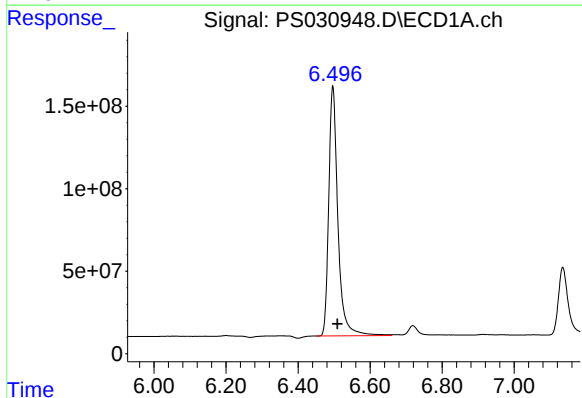
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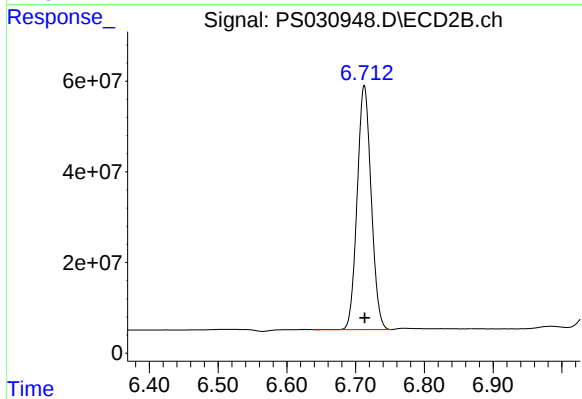
#1 Dalapon

R.T.: 2.712 min
Delta R.T.: 0.004 min
Response: 1285159824
Conc: 468.74 ng/ml



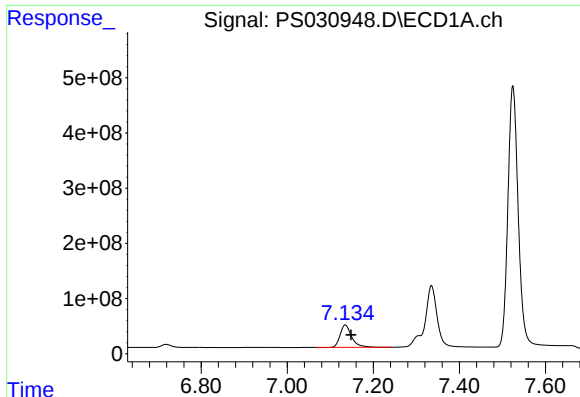
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.496 min
Delta R.T.: -0.012 min
Response: 2680290802
Conc: 498.42 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 762297512
Conc: 472.55 ng/ml



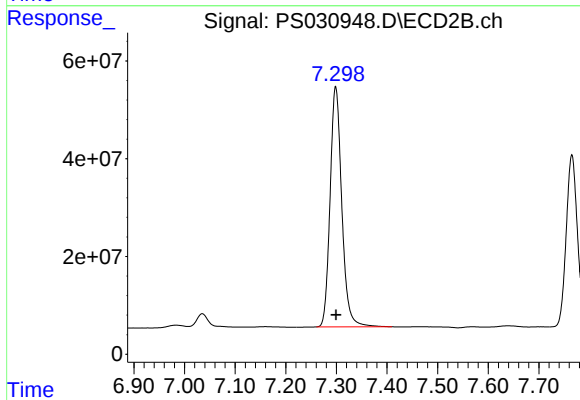
#3 4-Nitrophenol

R.T.: 7.135 min
Delta R.T.: -0.014 min
Response: 764728352
Conc: 485.00 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BS

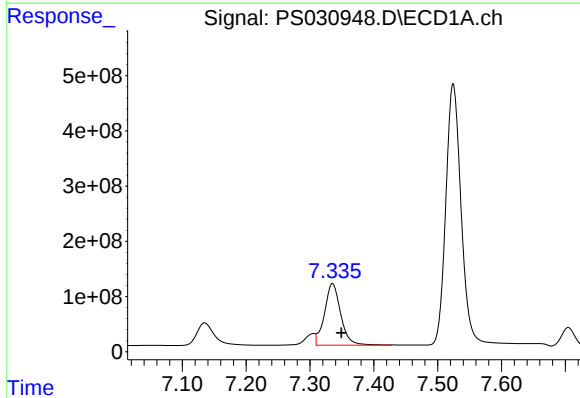
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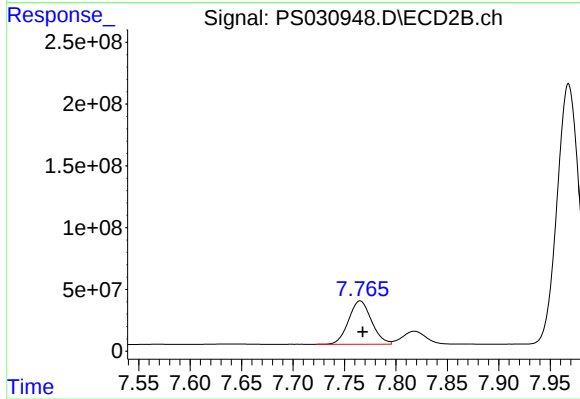
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 788061557
Conc: 454.60 ng/ml



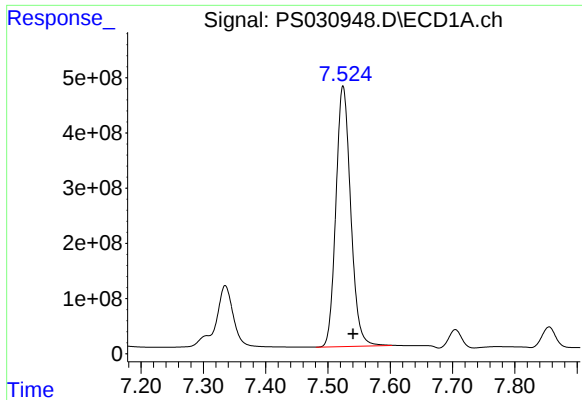
#4 2,4-DCAA

R.T.: 7.335 min
Delta R.T.: -0.015 min
Response: 1965518955
Conc: 534.92 ng/ml m



#4 2,4-DCAA

R.T.: 7.765 min
Delta R.T.: -0.003 min
Response: 545825950
Conc: 509.18 ng/ml



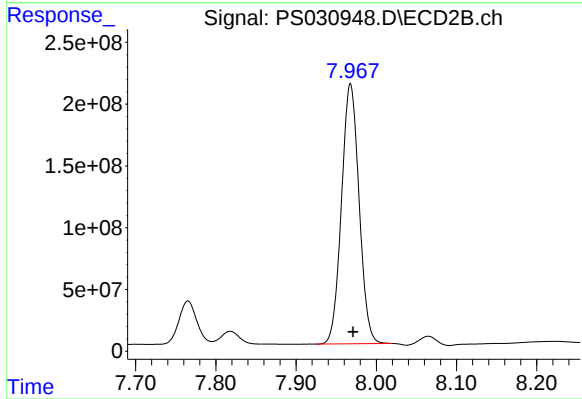
#5 DICAMBA

R.T.: 7.524 min
Delta R.T.: -0.017 min
Response: 7782213909
Conc: 511.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BS

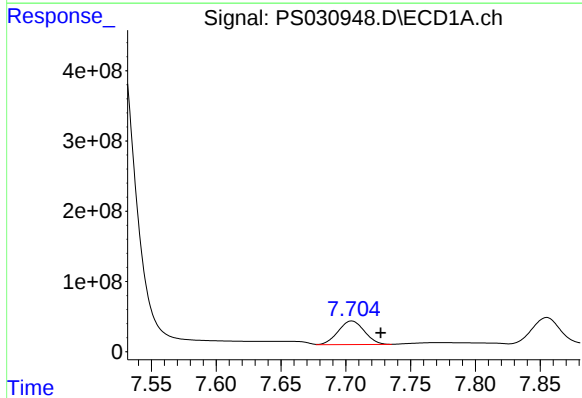
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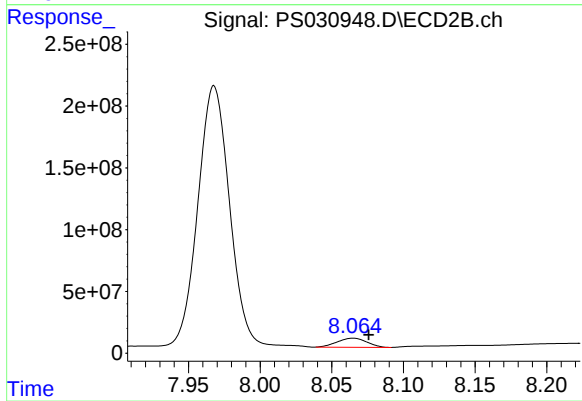
#5 DICAMBA

R.T.: 7.968 min
Delta R.T.: -0.003 min
Response: 3205016782
Conc: 489.08 ng/ml



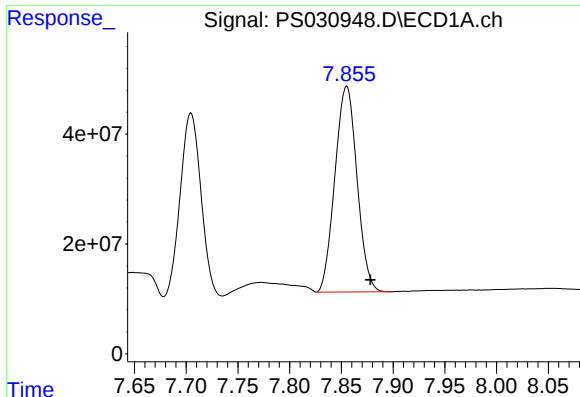
#6 MCP

R.T.: 7.704 min
Delta R.T.: -0.023 min
Response: 473442125
Conc: 50.43 ug/ml m



#6 MCP

R.T.: 8.065 min
Delta R.T.: -0.011 min
Response: 105486115
Conc: 50.30 ug/ml



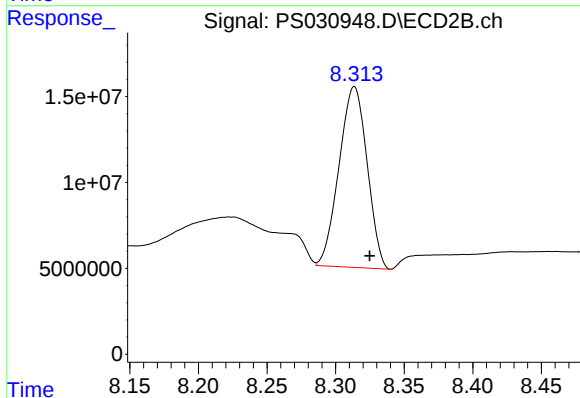
#7 MCPA

R.T.: 7.855 min
Delta R.T.: -0.023 min
Response: 556582006
Conc: 47.45 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BS

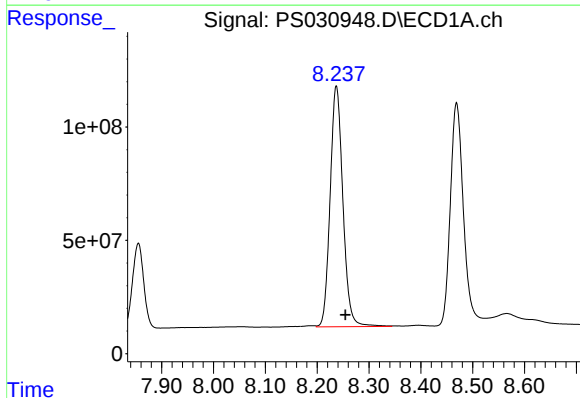
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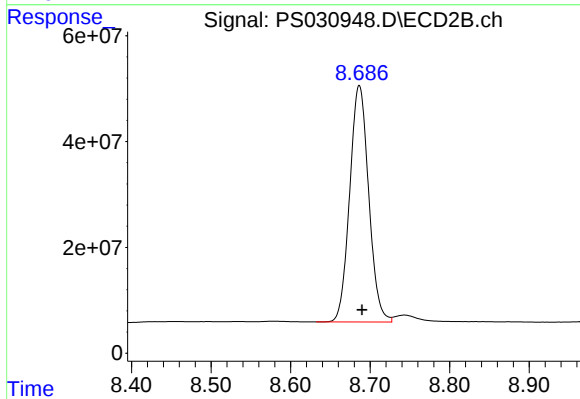
#7 MCPA

R.T.: 8.314 min
Delta R.T.: -0.011 min
Response: 150081982
Conc: 47.71 ug/ml



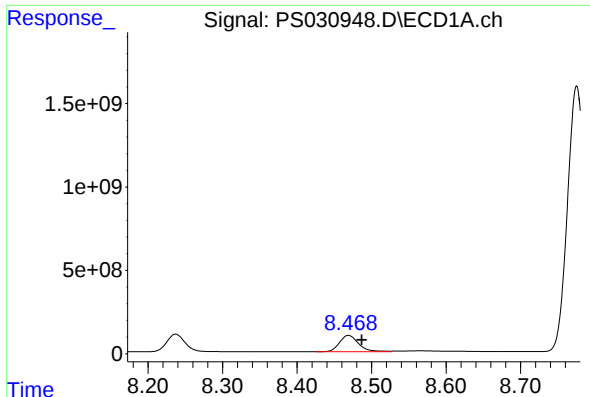
#8 DICHLORPROP

R.T.: 8.237 min
Delta R.T.: -0.017 min
Response: 1814057149
Conc: 484.30 ng/ml



#8 DICHLORPROP

R.T.: 8.686 min
Delta R.T.: -0.004 min
Response: 742282430
Conc: 472.04 ng/ml



#9 2,4-D

R.T.: 8.469 min
Delta R.T.: -0.018 min
Response: 1745076124
Conc: 506.64 ng/ml

Instrument :

ECD_S

ClientSampleId :

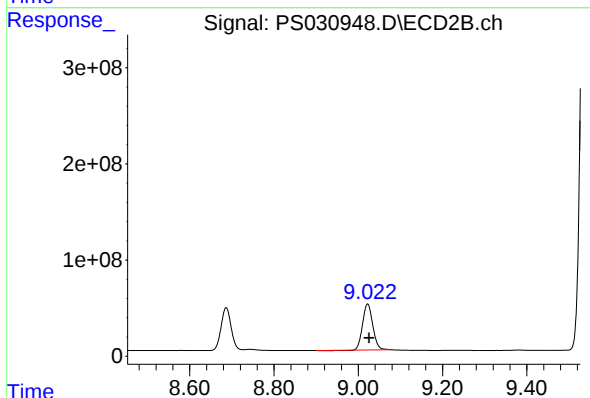
PB168706BS

Manual Integrations

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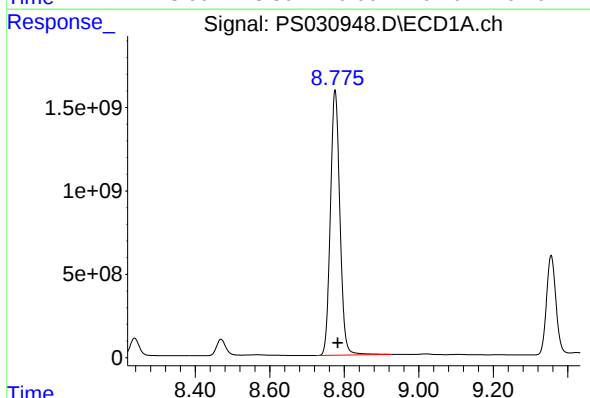
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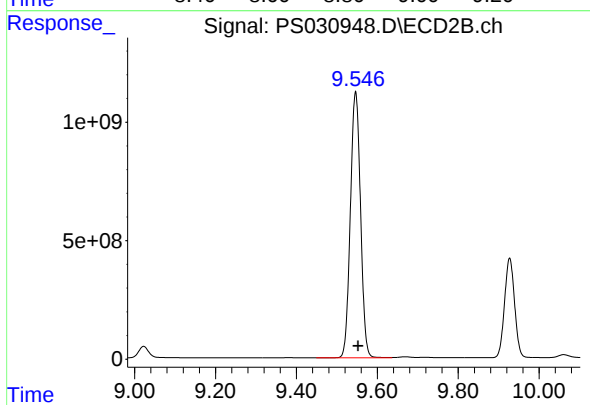
#9 2,4-D

R.T.: 9.022 min
Delta R.T.: -0.003 min
Response: 802493423
Conc: 472.22 ng/ml



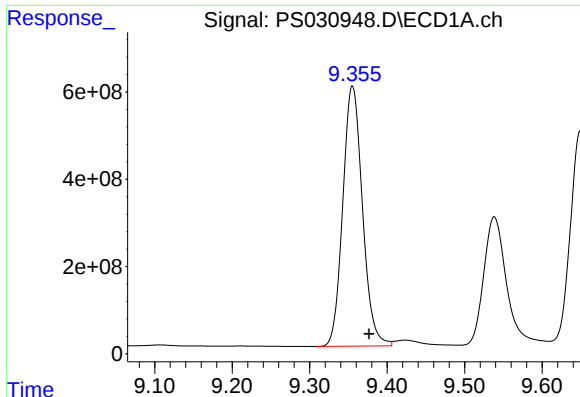
#10 Pentachlorophenol

R.T.: 8.775 min
Delta R.T.: -0.008 min
Response: 28173317574
Conc: 532.32 ng/ml m



#10 Pentachlorophenol

R.T.: 9.546 min
Delta R.T.: -0.007 min
Response: 19531720792
Conc: 512.35 ng/ml



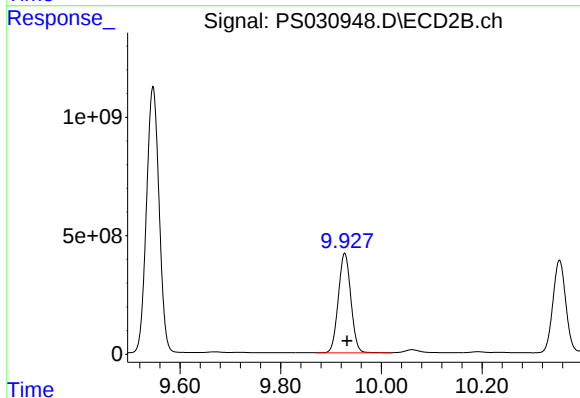
#11 2,4,5-TP (SILVEX)

R.T.: 9.355 min
Delta R.T.: -0.021 min
Response: 10521331560
Conc: 525.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
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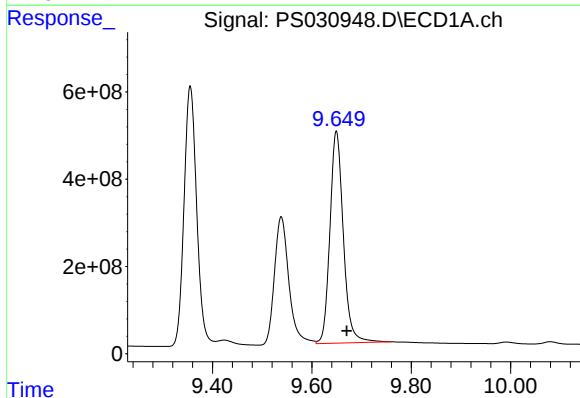
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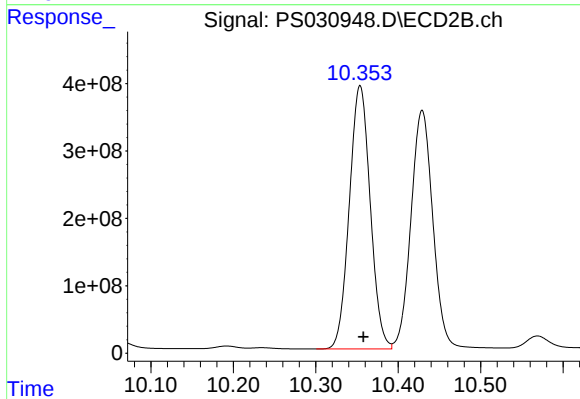
#11 2,4,5-TP (SILVEX)

R.T.: 9.927 min
Delta R.T.: -0.005 min
Response: 7257865925
Conc: 503.02 ng/ml



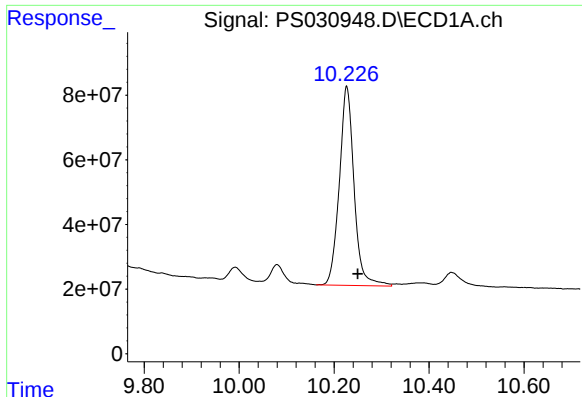
#12 2,4,5-T

R.T.: 9.649 min
Delta R.T.: -0.021 min
Response: 9100274934
Conc: 553.10 ng/ml



#12 2,4,5-T

R.T.: 10.354 min
Delta R.T.: -0.004 min
Response: 6889356827
Conc: 504.17 ng/ml



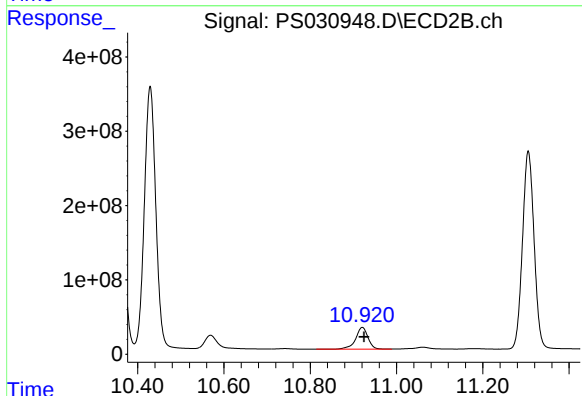
#13 2,4-DB

R.T.: 10.226 min
Delta R.T.: -0.023 min
Response: 1330339324
Conc: 580.05 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168706BS

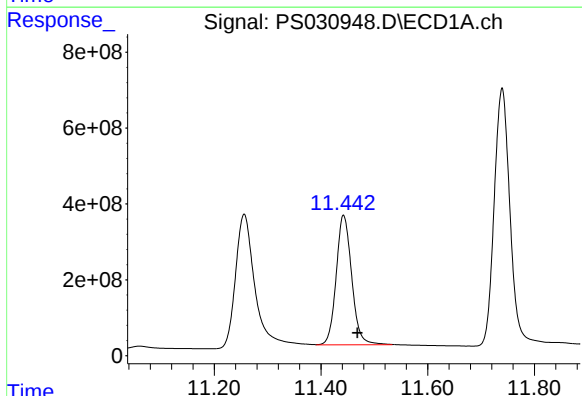
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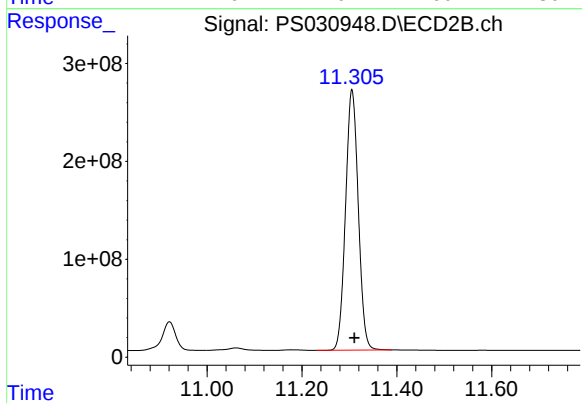
#13 2,4-DB

R.T.: 10.921 min
Delta R.T.: -0.004 min
Response: 580191516
Conc: 490.48 ng/ml



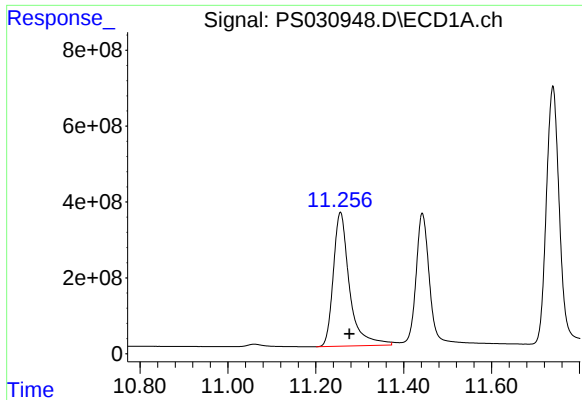
#14 DINOSEB

R.T.: 11.442 min
Delta R.T.: -0.027 min
Response: 6890387763
Conc: 496.67 ng/ml m



#14 DINOSEB

R.T.: 11.306 min
Delta R.T.: -0.006 min
Response: 4957995470
Conc: 459.87 ng/ml



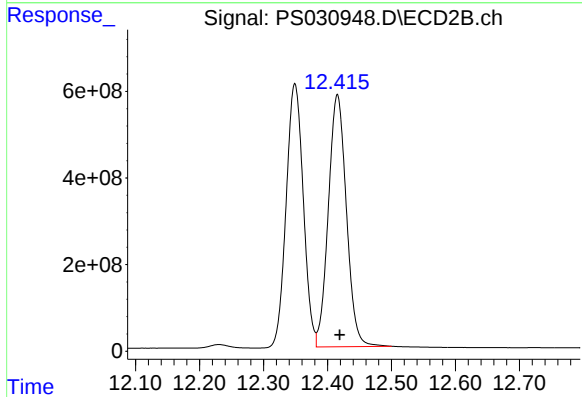
#15 Picloram

R.T.: 11.256 min
Delta R.T.: -0.021 min
Response: 9060463168
Conc: 563.60 ng/ml

Instrument :
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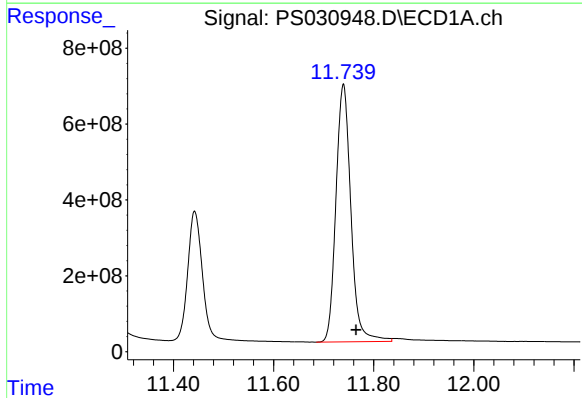
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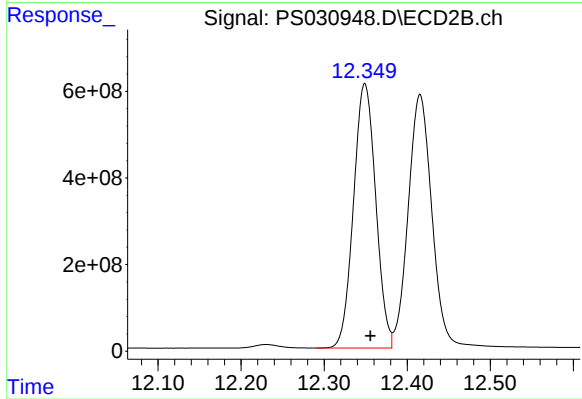
#15 Picloram

R.T.: 12.415 min
Delta R.T.: -0.004 min
Response: 11408586748
Conc: 490.87 ng/ml



#16 DCPA

R.T.: 11.740 min
Delta R.T.: -0.025 min
Response: 14072455501
Conc: 549.36 ng/ml



#16 DCPA

R.T.: 12.349 min
Delta R.T.: -0.007 min
Response: 11345228445
Conc: 514.69 ng/ml m