

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052025AR\
 Data File : FD049354.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2025 17:32
 Operator : YP/AJ
 Sample : Q2065-01DL 10X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 VACTRUCK-728068DL

Integration File: autoint1.e
 Quant Time: May 21 03:14:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

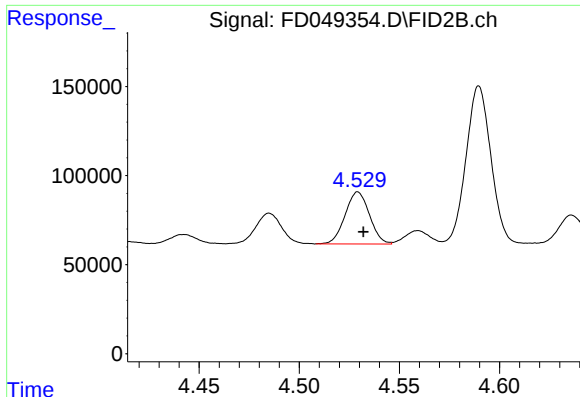
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.737	1390742	11.729 ug/ml
Spiked Amount 50.000		Recovery =	23.46%
6) S 2-Fluorobiphenyl (SURR)	8.602	898121	11.373 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	22.75%
11) S ortho-Terphenyl (SURR)	11.649	1304800	9.454 ug/ml
Spiked Amount 50.000		Recovery =	18.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	246966	1.978 ug/ml
2) T Naphthalene (C11.7)	6.074	210789	1.594 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	1188398	9.212 ug/ml
5) T Acenaphthylene (C15.06)	8.398	254782	1.805 ug/ml
7) T Acenaphthene (C15.5)	8.712	119555	0.873 ug/ml
8) T Flouorene (C16.55)	9.484	155109	1.140 ug/ml
9) T Phenanthrene (C19.36)	10.866	1334103	9.895 ug/ml
10) T Anthracene (C19.43)	10.958	250894	2.121 ug/ml
12) T Fluoranthene (C21.85)	12.699	1395312	10.354 ug/ml
13) T Pyrene (C20.8)	12.991	2823029	20.869 ug/ml
14) T Benzo[a]anthracene (C...	14.841	4064412	35.483 ug/ml
15) T Chrysene (C27.41)	14.929	8154566	69.868 ug/ml
16) T benzo[b]fluoranthene ...	16.404	2932184	24.156 ug/ml
17) T Bnezo[k]fluoranthene ...	16.449	2561010	21.474 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.808	3492369	30.373 ug/ml

(f)=RT Delta > 1/2 Window

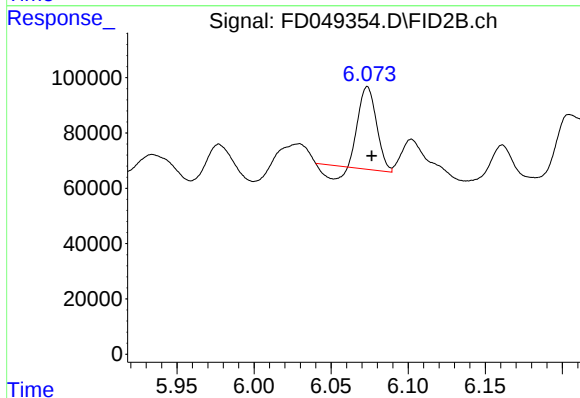
(m)=manual int.



#1 1,2,3-Trimethylbenzene (C10.1)

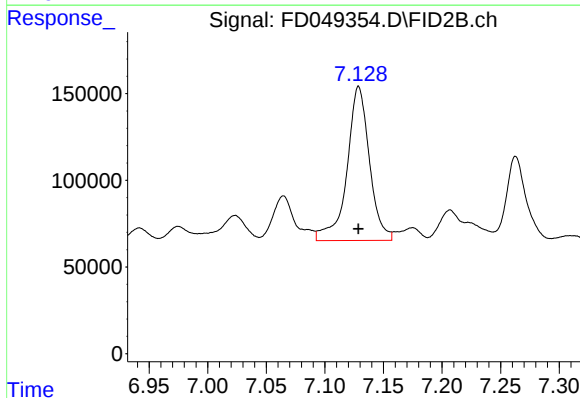
R.T.: 4.529 min
Delta R.T.: -0.003 min
Response: 246966
Conc: 1.98 ug/ml

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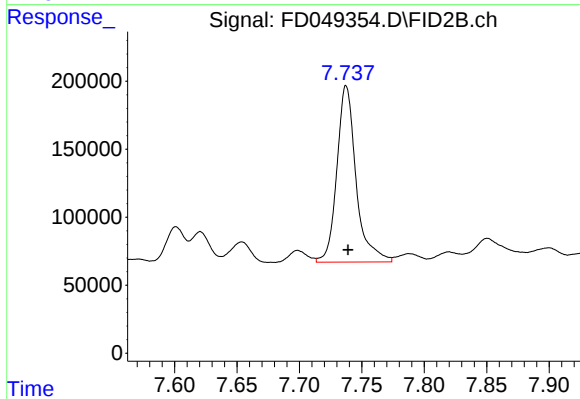
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 210789
Conc: 1.59 ug/ml



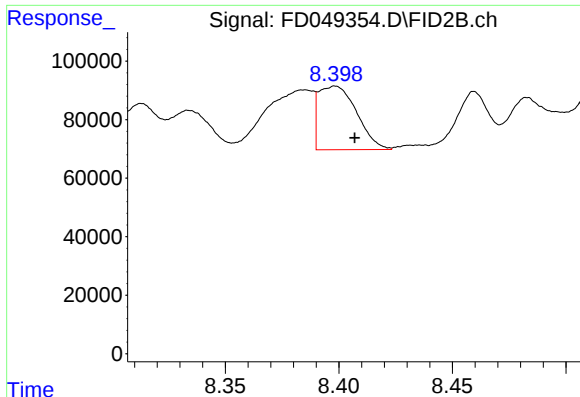
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 1188398
Conc: 9.21 ug/ml



#4 2-Bromonaphthalene (SURR)

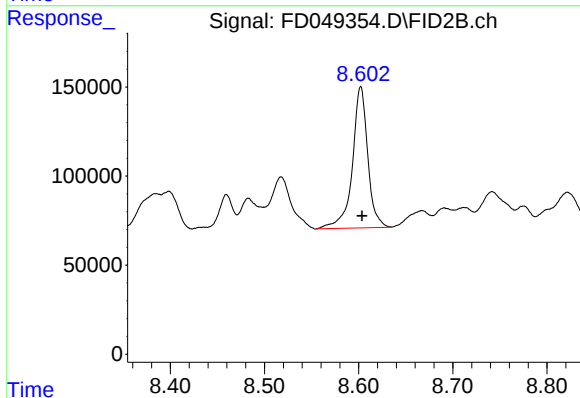
R.T.: 7.737 min
Delta R.T.: -0.001 min
Response: 1390742
Conc: 11.73 ug/ml



#5 Acenaphthylene (C15.06)

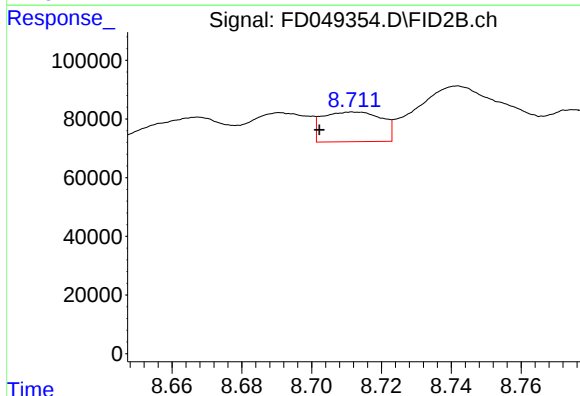
R.T.: 8.398 min
Delta R.T.: -0.009 min
Response: 254782
Conc: 1.80 ug/ml

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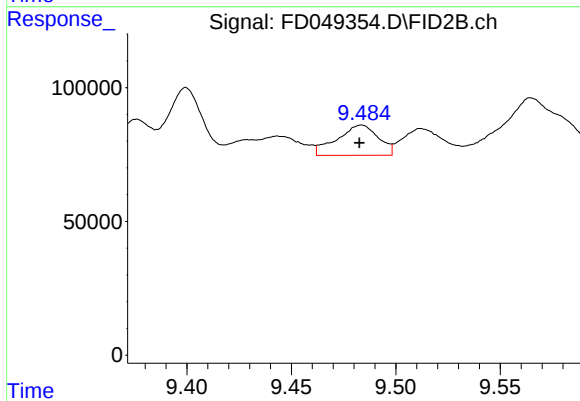
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.602 min
Delta R.T.: -0.001 min
Response: 898121
Conc: 11.37 ug/ml



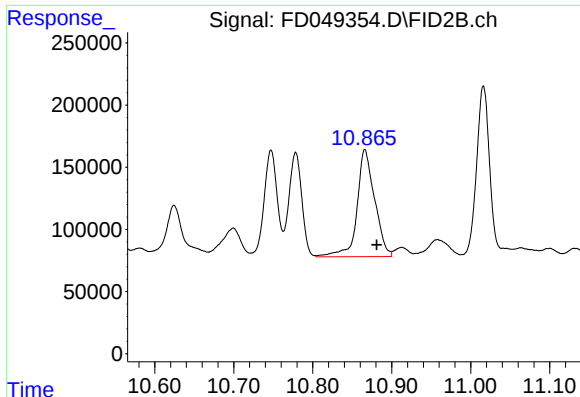
#7 Acenaphthene (C15.5)

R.T.: 8.712 min
Delta R.T.: 0.010 min
Response: 119555
Conc: 0.87 ug/ml



#8 Flouorene (C16.55)

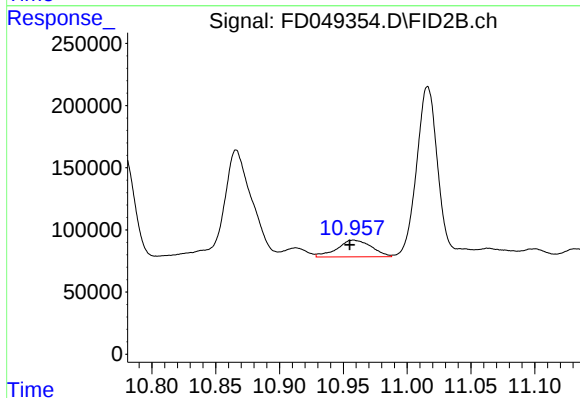
R.T.: 9.484 min
Delta R.T.: 0.000 min
Response: 155109
Conc: 1.14 ug/ml



#9 Phenanthrene (C19.36)

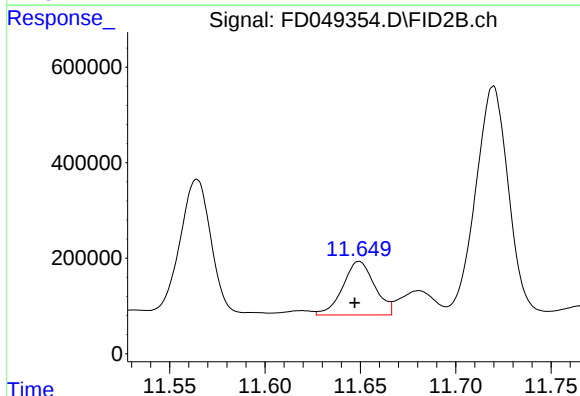
R.T.: 10.866 min
Delta R.T.: -0.015 min
Response: 1334103
Conc: 9.90 ug/ml

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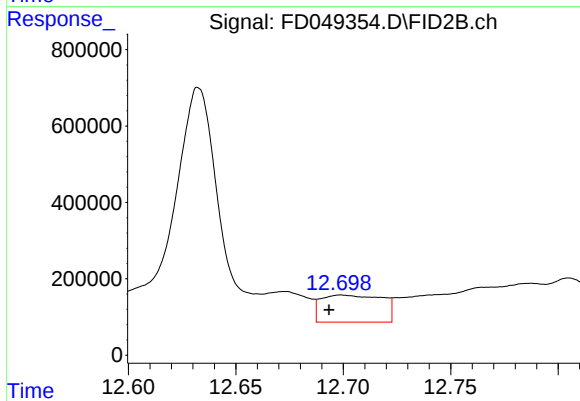
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: 0.003 min
Response: 250894
Conc: 2.12 ug/ml



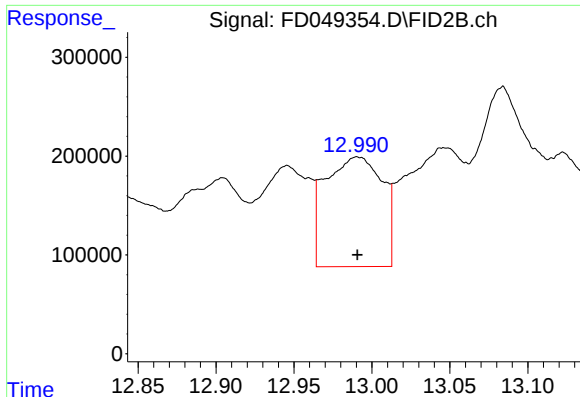
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.002 min
Response: 1304800
Conc: 9.45 ug/ml



#12 Fluoranthene (C21.85)

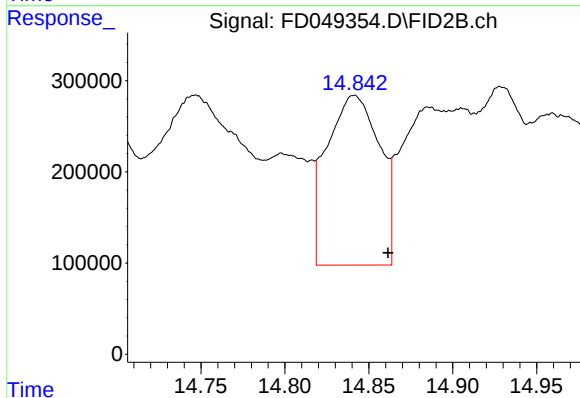
R.T.: 12.699 min
Delta R.T.: 0.006 min
Response: 1395312
Conc: 10.35 ug/ml



#13 Pyrene (C20.8)

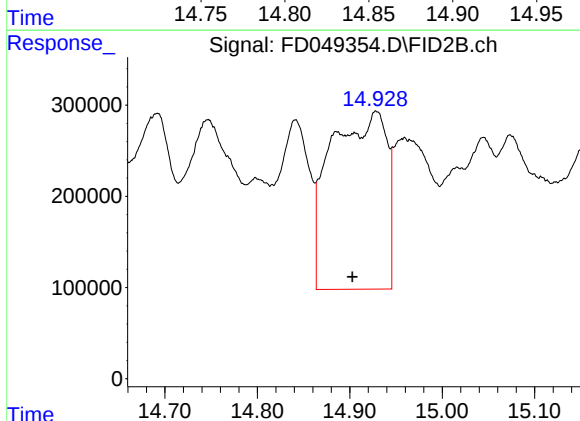
R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 2823029
Conc: 20.87 ug/ml

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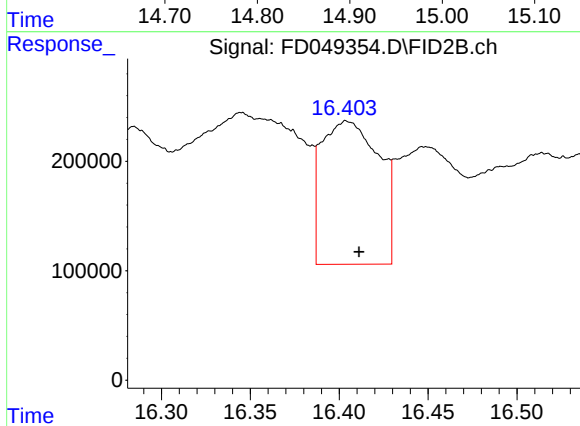
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.841 min
Delta R.T.: -0.020 min
Response: 4064412
Conc: 35.48 ug/ml



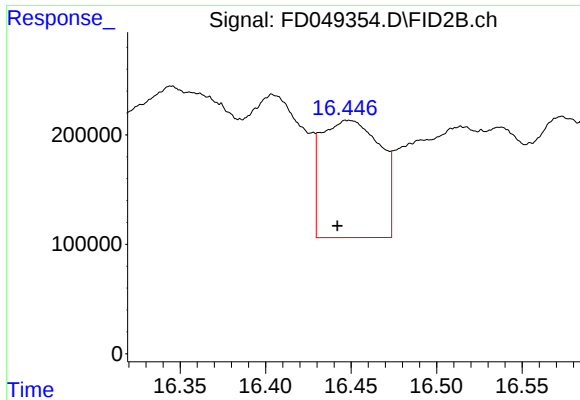
#15 Chrysene (C27.41)

R.T.: 14.929 min
Delta R.T.: 0.026 min
Response: 8154566
Conc: 69.87 ug/ml



#16 benzo[b]fluoranthene (C30.41)

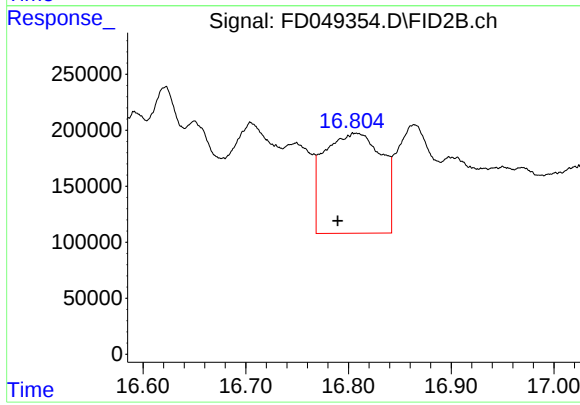
R.T.: 16.404 min
Delta R.T.: -0.007 min
Response: 2932184
Conc: 24.16 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.449 min
Delta R.T.: 0.007 min
Response: 2561010
Conc: 21.47 ug/ml

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#18 Benzo[a]pyrene (C31.34)

R.T.: 16.808 min
Delta R.T.: 0.018 min
Response: 3492369
Conc: 30.37 ug/ml