

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082224AR\
 Data File : FF014465.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2024 09:26
 Operator : YP\AJ
 Sample : P3390-09
 Misc : 2.5 PPM WATER MDL
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :Ankita Jodhani 08/23/2024

Integration File: autoint1.e
 Quant Time: Aug 23 02:41:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 15:55:53 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

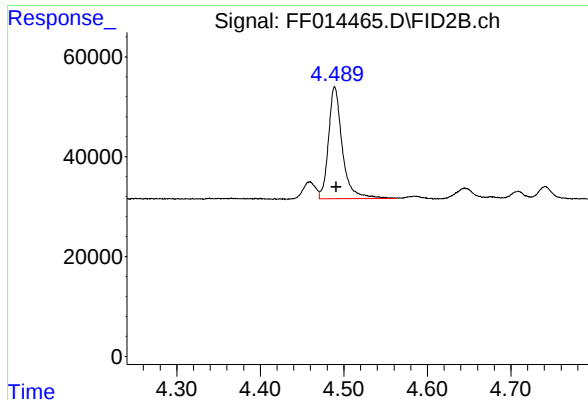
Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.874	6461026	57.702 ug/ml
Spiked Amount 50.000		Recovery =	115.40%
6) S 2-Fluorobiphenyl (SURR)	8.744	3706311	55.361 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.72%
11) S ortho-Terphenyl (SURR)	11.807	6763435	46.944 ug/ml
Spiked Amount 50.000		Recovery =	93.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	256291	1.924 ug/ml
2) T Naphthalene (C11.7)	6.159	240657	1.808 ug/ml
3) T 2-Methylnaphthalene (...)	7.255	257353	1.928 ug/ml
5) T Acenaphthylene (C15.06)	8.547	296742	2.215 ug/ml
7) T Acenaphthene (C15.5)	8.842	499365	3.499 ug/ml
8) T Fluorene (C16.55)	9.638	286079	2.206 ug/ml
9) T Phenanthrene (C19.36)	11.042	246740	1.937 ug/mlm
10) T Anthracene (C19.43)	11.121	249655	1.871 ug/ml
12) T Fluoranthene (C21.85)	12.859	316285	2.302 ug/ml
13) T Pyrene (C20.8)	13.152	302340	2.183 ug/mlm
14) T Benzo[a]anthracene (C...	15.049	144714	1.287 ug/ml
15) T Chrysene (C27.41)	15.089	445076	2.849 ug/ml
16) T benzo[b]fluoranthene ...	16.603	191091	1.624 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.634	355934	2.454 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.995	195051	1.544 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.384	200057	2.393 ug/ml
20) T Dibenz[a,h]anthracene...	18.432	255024	1.846 ug/ml
21) T Benzo[g,h,i]perylene ...	18.607	239383	1.951 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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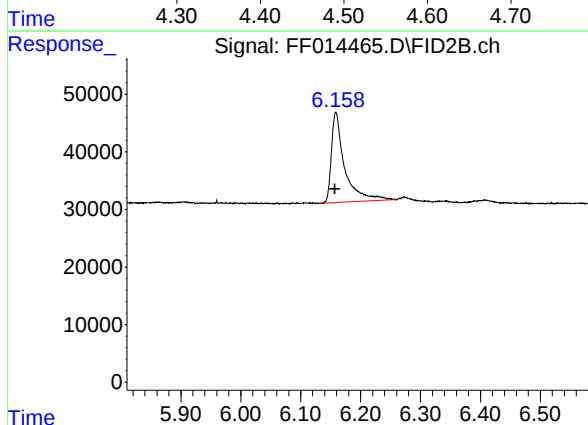
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 256291
Conc: 1.92 ug/ml

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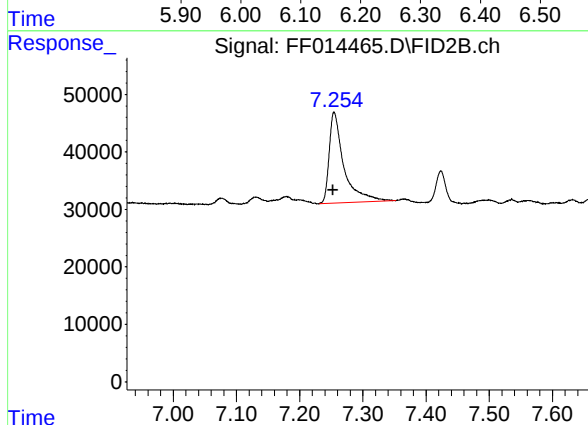
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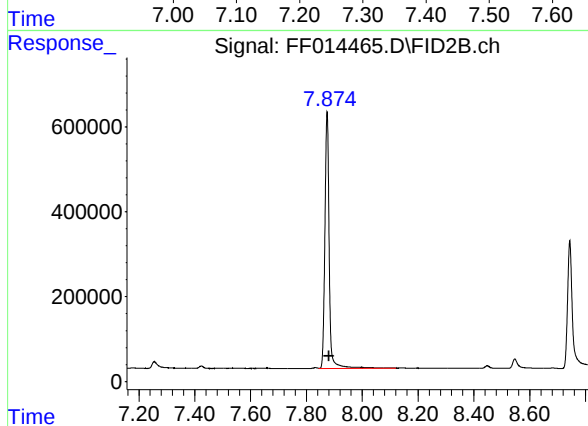
#2 Naphthalene (C11.7)

R.T.: 6.159 min
Delta R.T.: 0.002 min
Response: 240657
Conc: 1.81 ug/ml



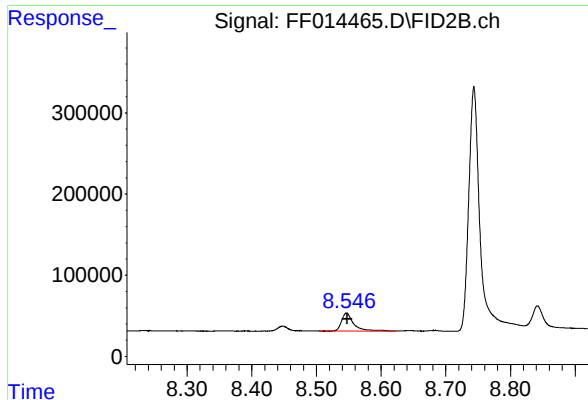
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: 0.002 min
Response: 257353
Conc: 1.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.874 min
Delta R.T.: -0.008 min
Response: 6461026
Conc: 57.70 ug/ml



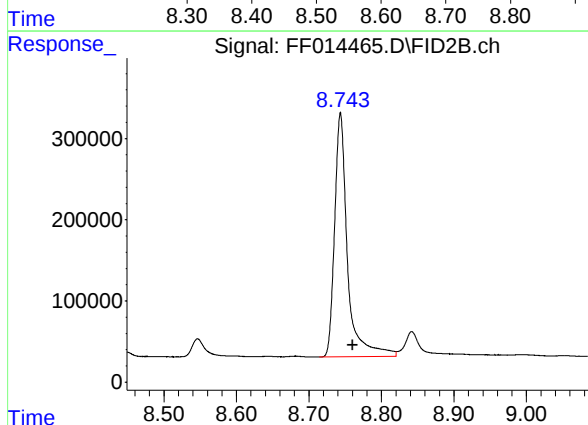
#5 Acenaphthylene (C15.06)

R.T.: 8.547 min
Delta R.T.: -0.001 min
Response: 296742
Conc: 2.22 ug/ml

Instrument : FID_F
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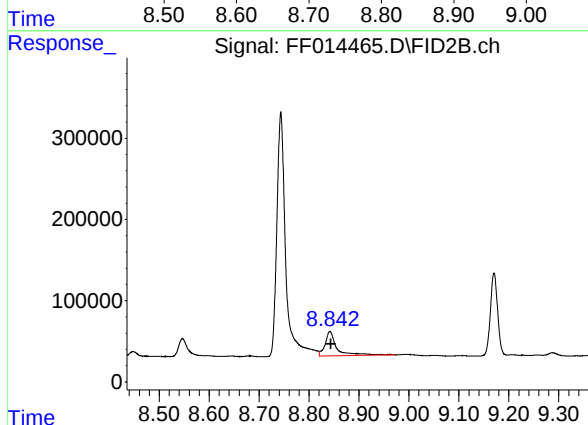
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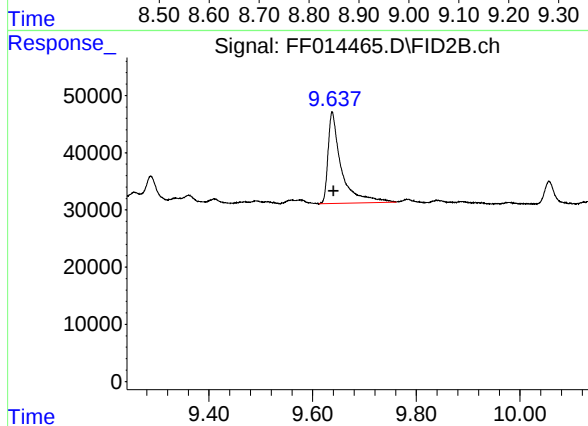
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.744 min
Delta R.T.: -0.017 min
Response: 3706311
Conc: 55.36 ug/ml



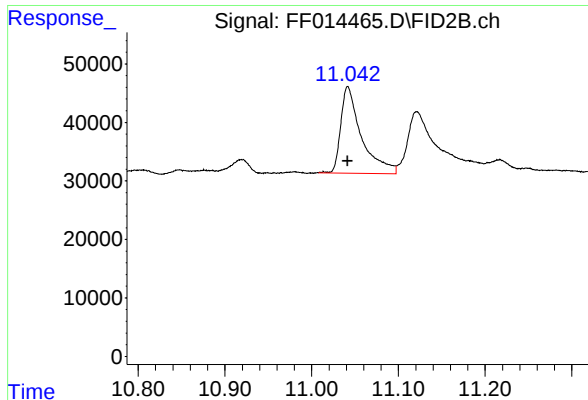
#7 Acenaphthene (C15.5)

R.T.: 8.842 min
Delta R.T.: -0.002 min
Response: 499365
Conc: 3.50 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.638 min
Delta R.T.: -0.002 min
Response: 286079
Conc: 2.21 ug/ml



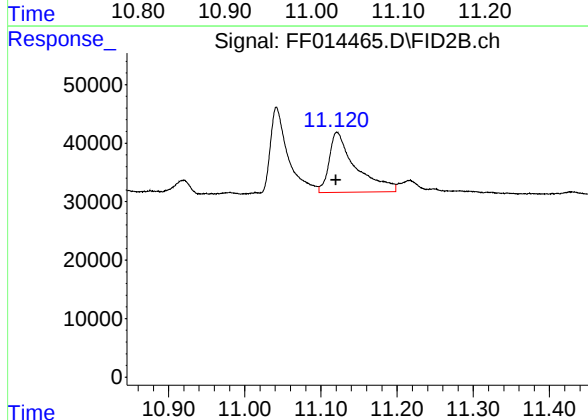
#9 Phenanthrene (C19.36)

R.T.: 11.042 min
Delta R.T.: 0.000 min
Response: 246740
Conc: 1.94 ug/ml

Instrument : FID_F
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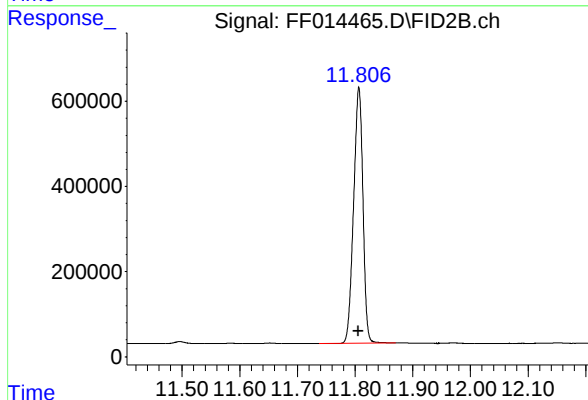
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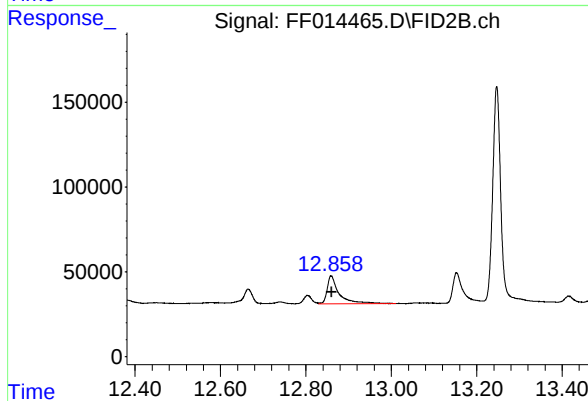
#10 Anthracene (C19.43)

R.T.: 11.121 min
Delta R.T.: 0.001 min
Response: 249655
Conc: 1.87 ug/ml



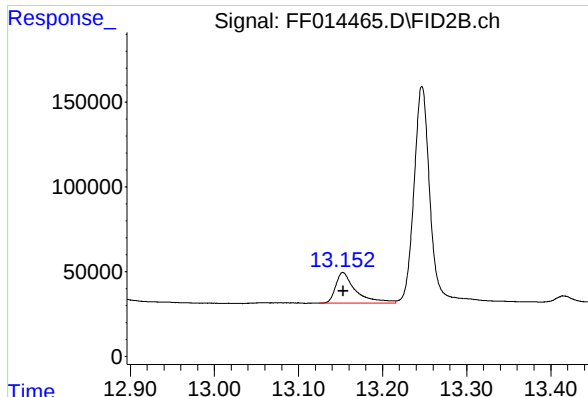
#11 ortho-Terphenyl (SURR)

R.T.: 11.807 min
Delta R.T.: 0.000 min
Response: 6763435
Conc: 46.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.859 min
Delta R.T.: 0.000 min
Response: 316285
Conc: 2.30 ug/ml



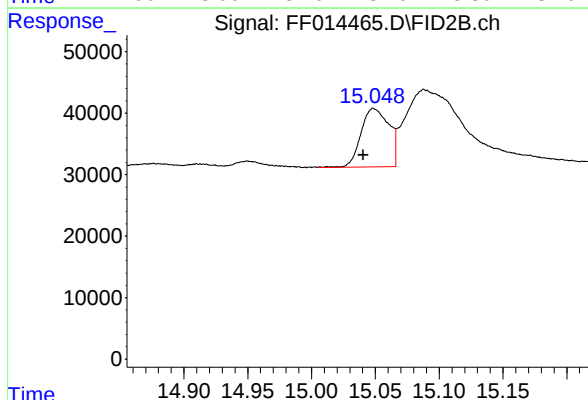
#13 Pyrene (C20.8)

R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 302340
Conc: 2.18 ug/ml

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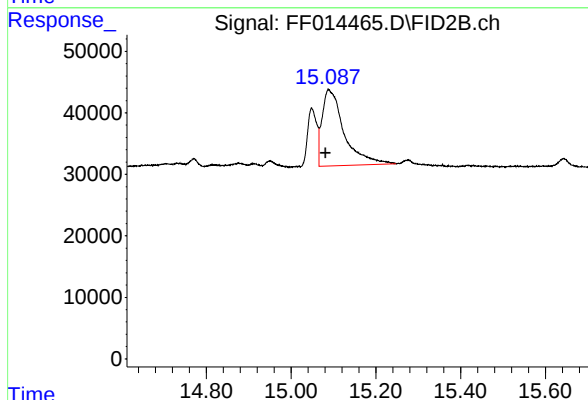
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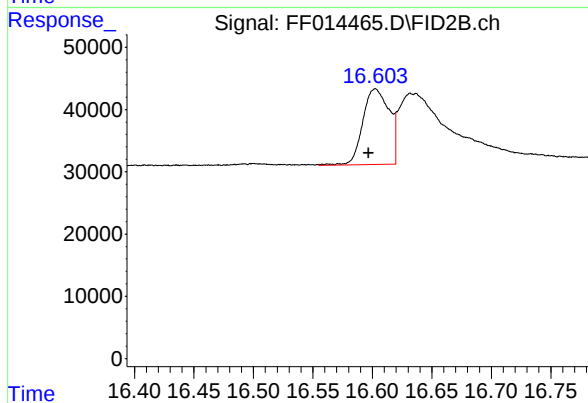
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.049 min
Delta R.T.: 0.009 min
Response: 144714
Conc: 1.29 ug/ml



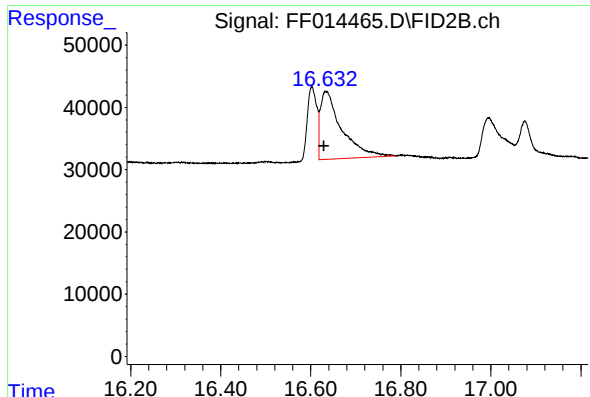
#15 Chrysene (C27.41)

R.T.: 15.089 min
Delta R.T.: 0.008 min
Response: 445076
Conc: 2.85 ug/ml



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

R.T.: 16.603 min
Delta R.T.: 0.006 min
Response: 191091
Conc: 1.62 ug/ml m



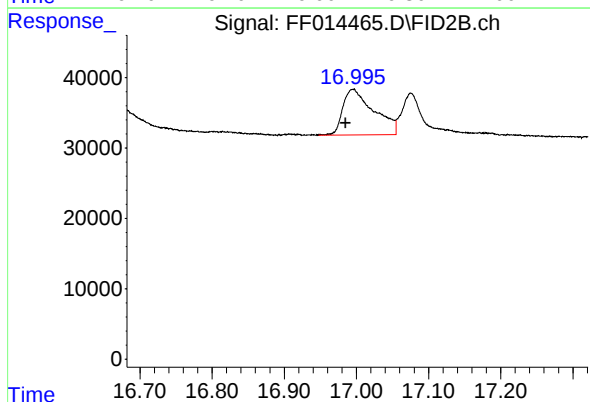
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.634 min
Delta R.T.: 0.005 min
Response: 355934
Conc: 2.45 ug/ml

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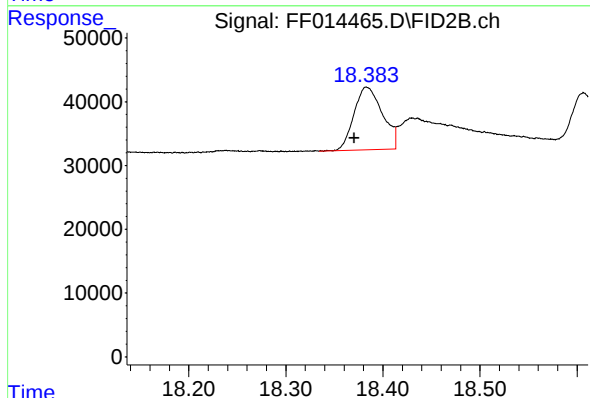
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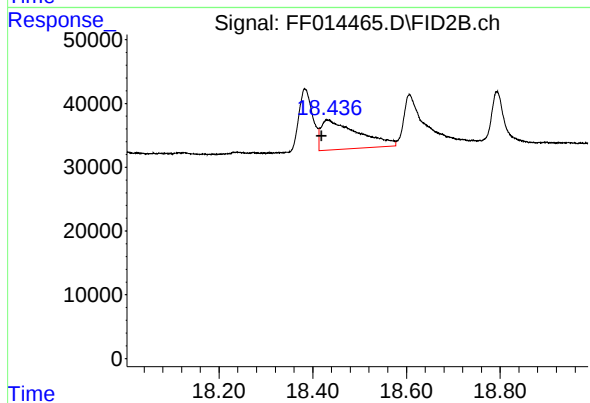
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.995 min
Delta R.T.: 0.010 min
Response: 195051
Conc: 1.54 ug/ml m



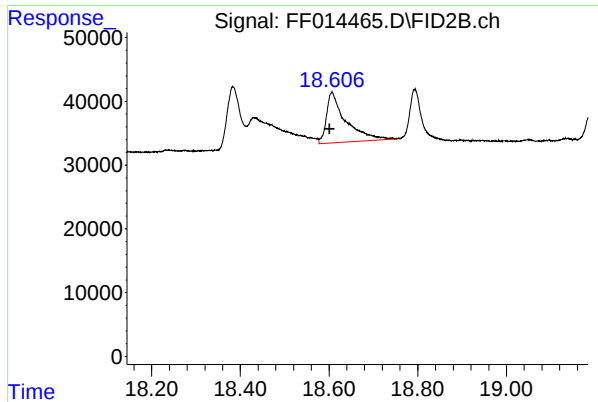
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.384 min
Delta R.T.: 0.013 min
Response: 200057
Conc: 2.39 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.432 min
Delta R.T.: 0.012 min
Response: 255024
Conc: 1.85 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.607 min
Delta R.T.: 0.005 min
Response: 239383
Conc: 1.95 ug/ml

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