

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014240.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 21:28
 Operator : YP\AJ
 Sample : P2403-02
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 15 04:52:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:31:50 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...	7.904	7042271	67.110 ug/ml
Spiked Amount 50.000		Recovery =	134.22%
6) S 2-Fluorobiphenyl (SURR)	8.775	4202115	69.436 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	138.87%#
11) S ortho-Terphenyl (SURR)	11.839	7338340	51.989 ug/ml
Spiked Amount 50.000		Recovery =	103.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.517	597147	4.933 ug/ml
2) T Naphthalene (C11.7)	6.182	586512	5.009 ug/ml
3) T 2-Methylnaphthalene (...)	7.276	586253	5.261 ug/ml
5) T Acenaphthylene (C15.06)	8.573	626021	5.576 ug/ml
7) T Acenaphthene (C15.5)	8.872	908346	7.181 ug/ml
8) T Flouorene (C16.55)	9.661	586306	5.506 ug/ml
9) T Phenanthrene (C19.36)	11.065	523275	5.052 ug/mlm
10) T Anthracene (C19.43)	11.141	499429	5.481 ug/mlm
12) T Fluoranthene (C21.85)	12.882	630774	5.542 ug/ml
13) T Pyrene (C20.8)	13.180	630634	5.646 ug/ml
14) T Benzo[a]anthracene (C...	15.063	358642	4.732 ug/ml
15) T Chrysene (C27.41)	15.104	740070	6.730 ug/ml
16) T benzo[b]fluoranthene ...	16.617	481104	4.794 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.650	714185	6.036 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.002	503329	4.794 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.376	372110	4.184 ug/mlm
20) T Dibenz[a,h]anthracene...	18.421	554394	5.213 ug/ml
21) T Benzo[g,h,i]perylene ...	18.621	628401	5.103 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P2403-02
Misc :
ALS Vial : 81 Sample Multiplier: 1

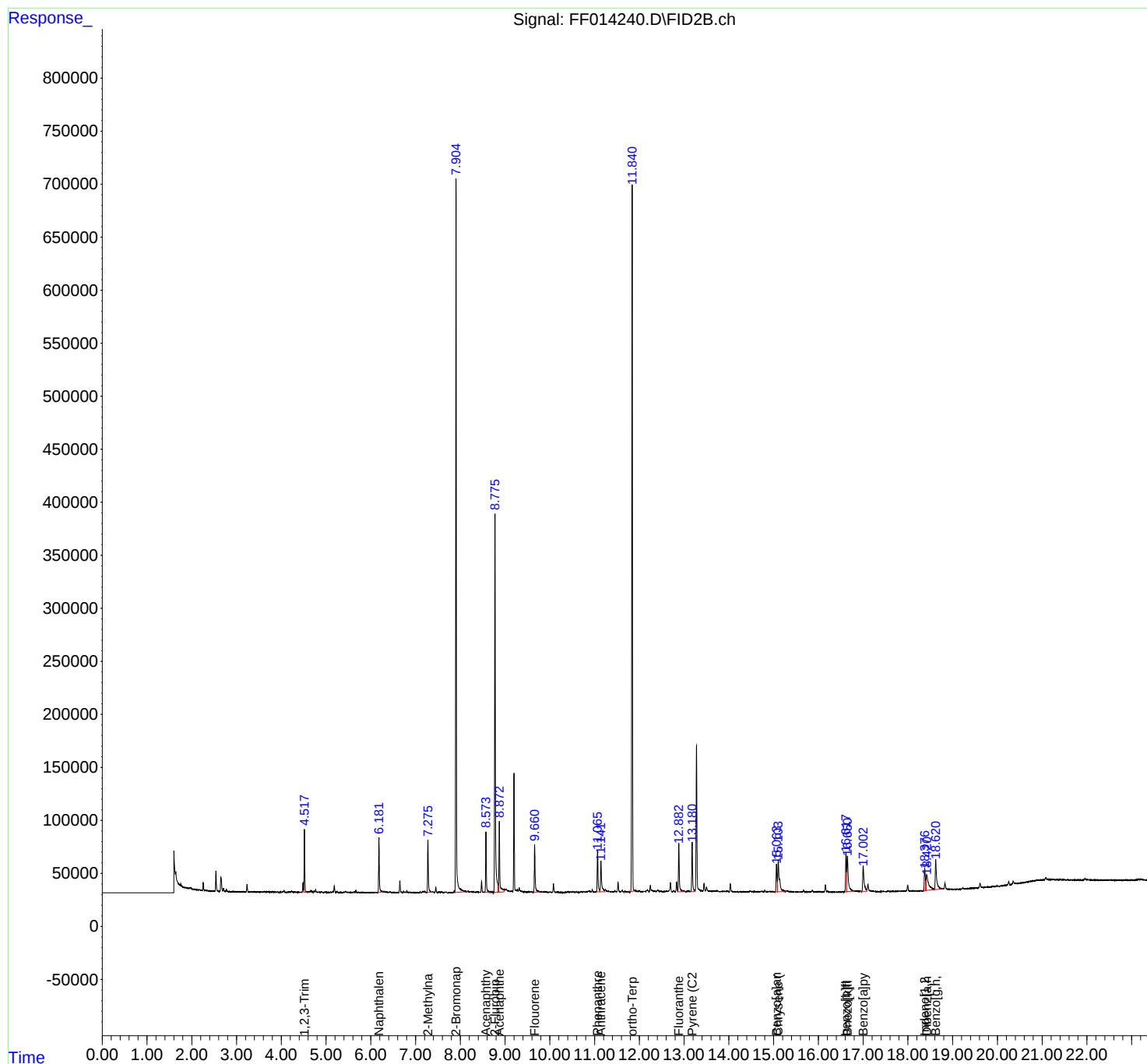
Instrument :
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ClientSampleId :
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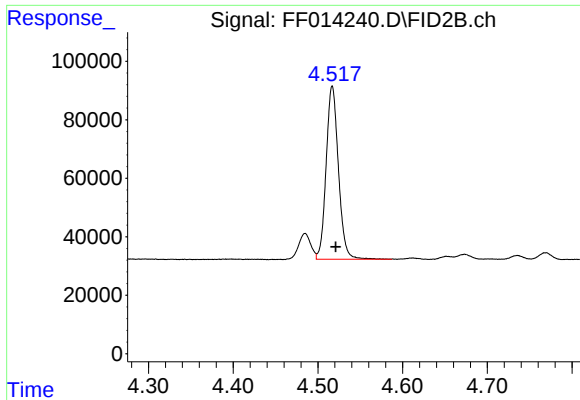
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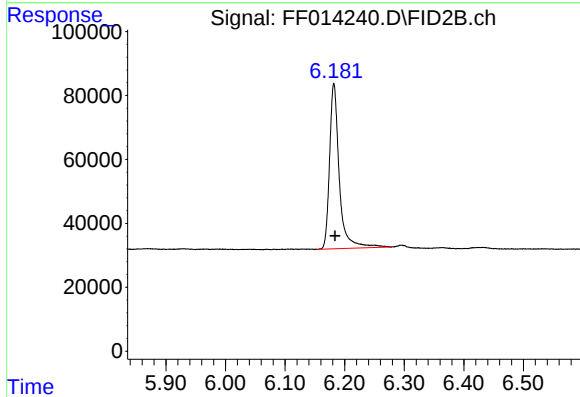
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 597147
Conc: 4.93 ug/ml

Instrument : FID_F
ClientSampleId : LOQ-SOIL-02-QT2-2024

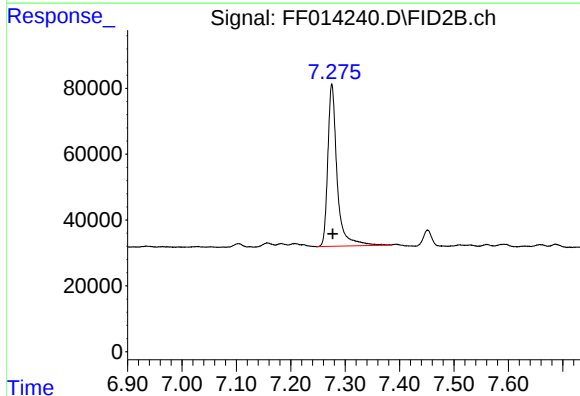
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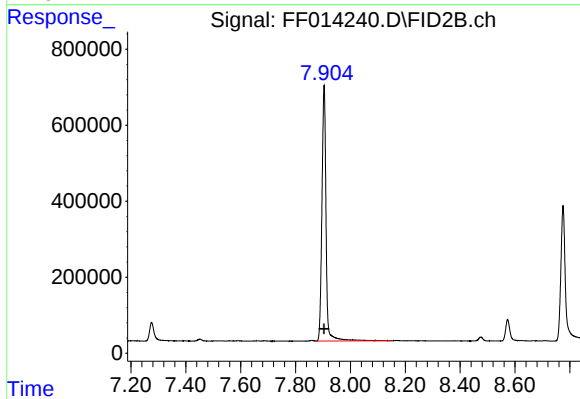
#2 Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 586512
Conc: 5.01 ug/ml



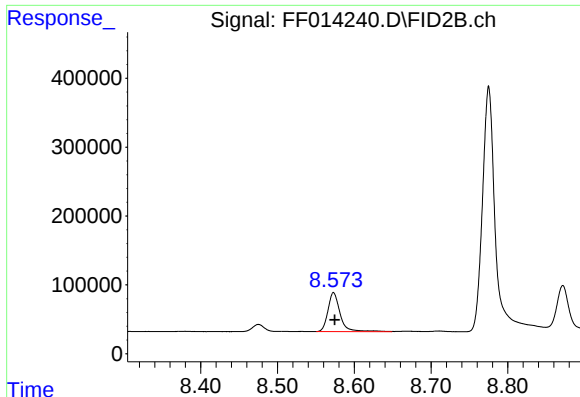
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: -0.001 min
Response: 586253
Conc: 5.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 7042271
Conc: 67.11 ug/ml



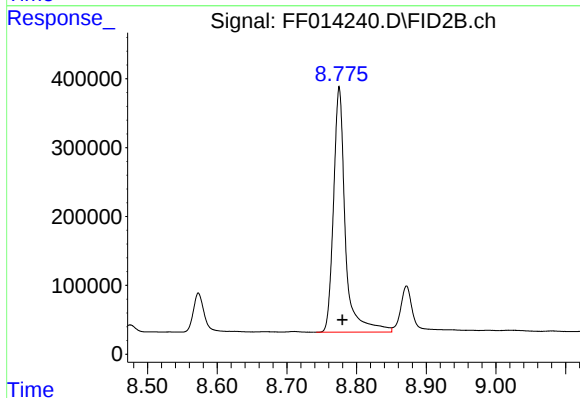
#5 Acenaphthylene (C15.06)

R.T.: 8.573 min
Delta R.T.: -0.002 min
Response: 626021
Conc: 5.58 ug/ml

Instrument : FID_F
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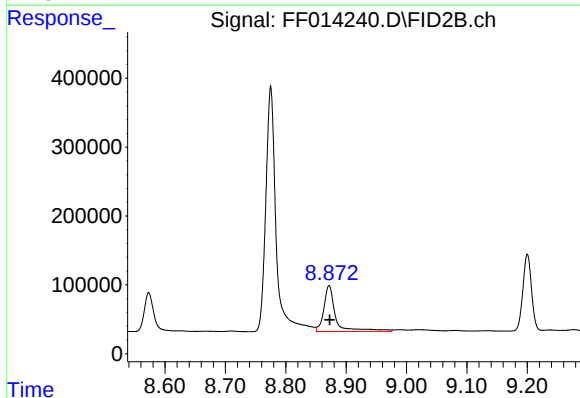
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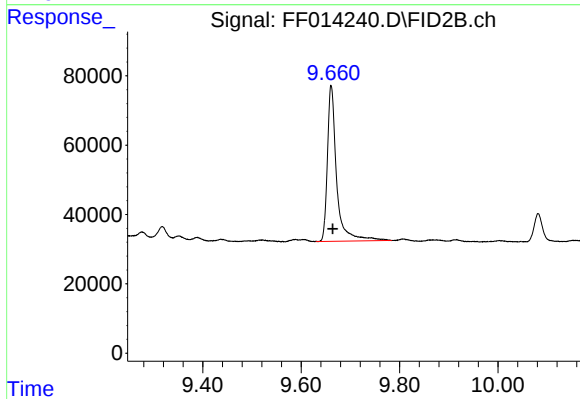
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.775 min
Delta R.T.: -0.004 min
Response: 4202115
Conc: 69.44 ug/ml



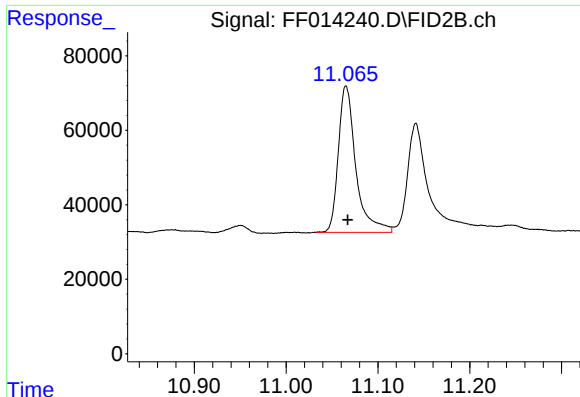
#7 Acenaphthene (C15.5)

R.T.: 8.872 min
Delta R.T.: -0.001 min
Response: 908346
Conc: 7.18 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.661 min
Delta R.T.: -0.003 min
Response: 586306
Conc: 5.51 ug/ml



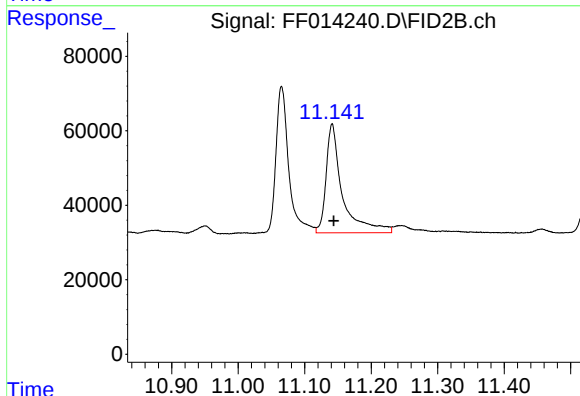
#9 Phenanthrene (C19.36)

R.T.: 11.065 min
Delta R.T.: -0.002 min
Response: 523275
Conc: 5.05 ug/ml

Instrument :
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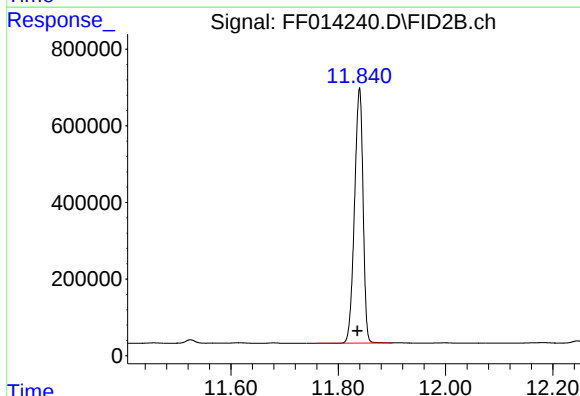
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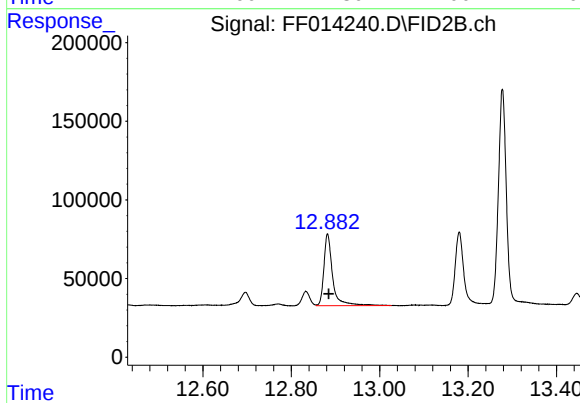
#10 Anthracene (C19.43)

R.T.: 11.141 min
Delta R.T.: -0.003 min
Response: 499429
Conc: 5.48 ug/ml m



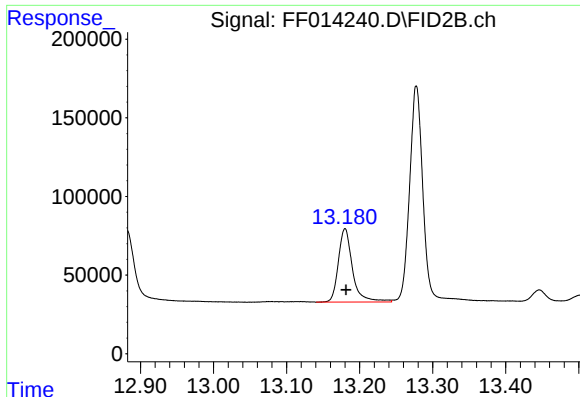
#11 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: 0.004 min
Response: 7338340
Conc: 51.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.882 min
Delta R.T.: -0.002 min
Response: 630774
Conc: 5.54 ug/ml



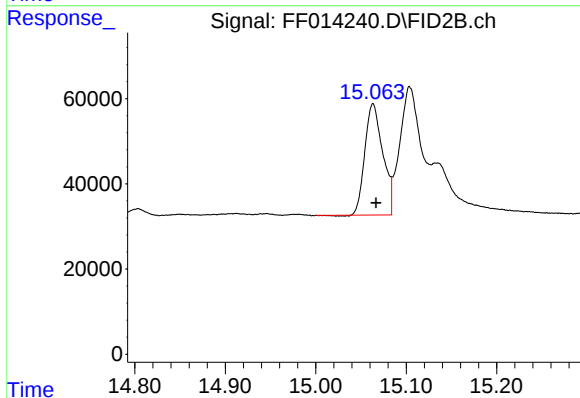
#13 Pyrene (C20.8)

R.T.: 13.180 min
Delta R.T.: -0.002 min
Response: 630634
Conc: 5.65 ug/ml

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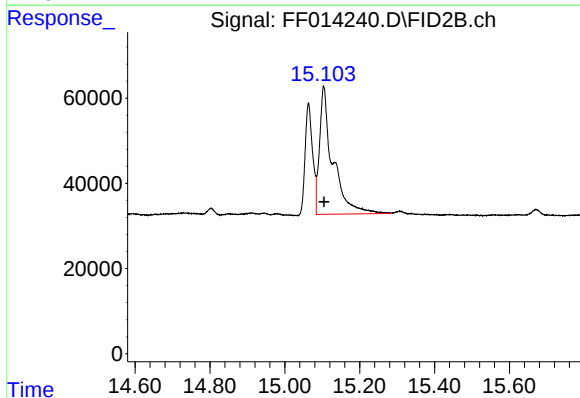
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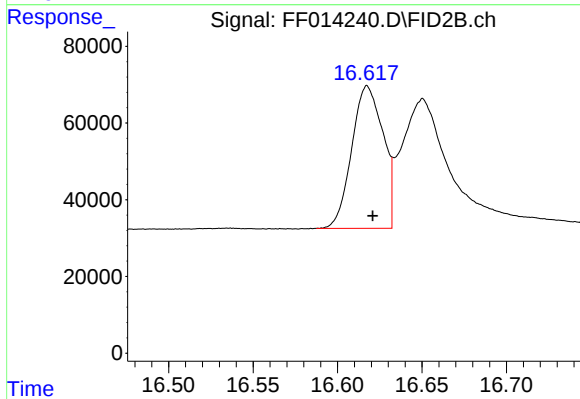
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.063 min
Delta R.T.: -0.003 min
Response: 358642
Conc: 4.73 ug/ml



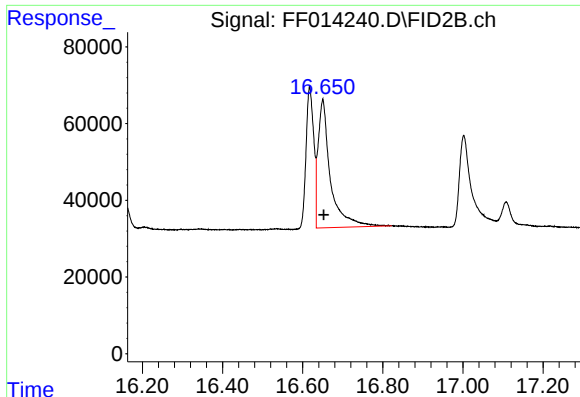
#15 Chrysene (C27.41)

R.T.: 15.104 min
Delta R.T.: -0.001 min
Response: 740070
Conc: 6.73 ug/ml



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

R.T.: 16.617 min
Delta R.T.: -0.004 min
Response: 481104
Conc: 4.79 ug/ml m



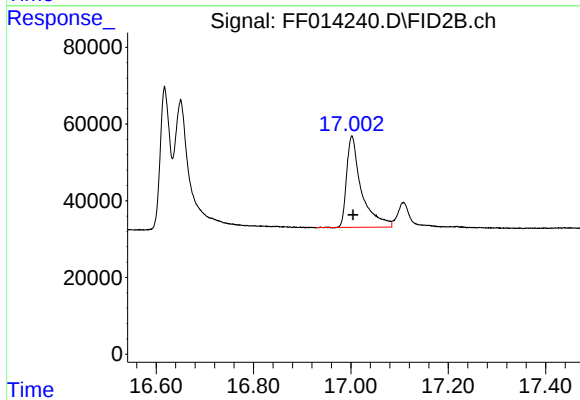
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.650 min
Delta R.T.: -0.002 min
Response: 714185
Conc: 6.04 ug/ml

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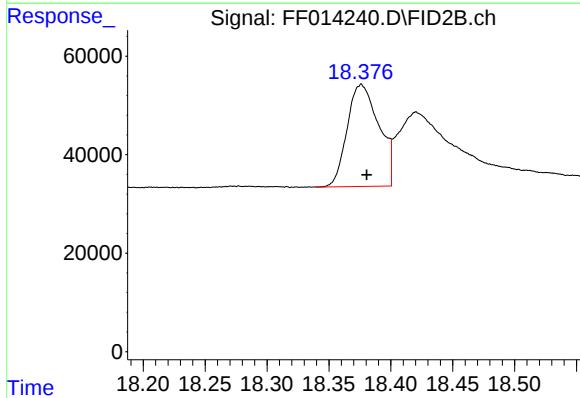
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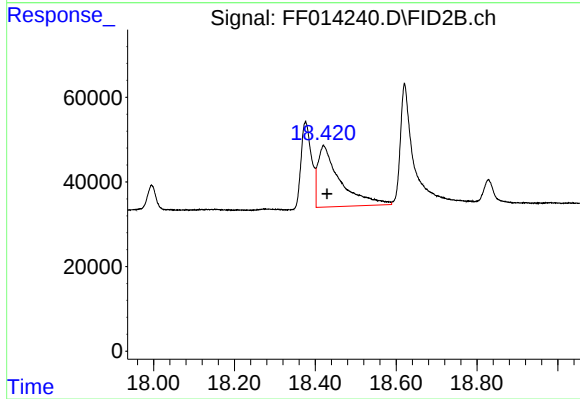
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.002 min
Delta R.T.: -0.002 min
Response: 503329
Conc: 4.79 ug/ml



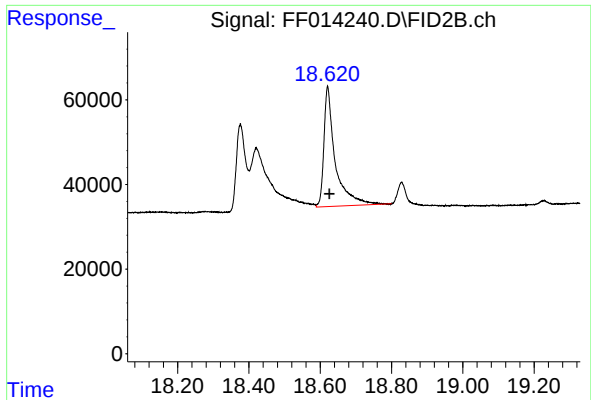
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.376 min
Delta R.T.: -0.005 min
Response: 372110
Conc: 4.18 ug/ml m



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

R.T.: 18.421 min
Delta R.T.: -0.008 min
Response: 554394
Conc: 5.21 ug/ml



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

R.T.: 18.621 min
Delta R.T.: -0.005 min
Response: 628401
Conc: 5.10 ug/ml

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