

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014241.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 21:58
 Operator : YP\AJ
 Sample : P2403-07
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-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 04:52:42 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...	7.903	5940181	56.607 ug/ml
Spiked Amount 50.000		Recovery =	113.21%
6) S 2-Fluorobiphenyl (SURR)	8.774	3167507	52.340 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.68%
11) S ortho-Terphenyl (SURR)	11.838	6436970	45.603 ug/ml
Spiked Amount 50.000		Recovery =	91.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.518	288993	2.387 ug/ml
2) T Naphthalene (C11.7)	6.183	277338	2.368 ug/ml
3) T 2-Methylnaphthalene (...)	7.277	279373	2.507 ug/ml
5) T Acenaphthylene (C15.06)	8.574	333741	2.973 ug/ml
7) T Acenaphthene (C15.5)	8.872	487019	3.850 ug/ml
8) T Flouorene (C16.55)	9.663	293290	2.754 ug/ml
9) T Phenanthrene (C19.36)	11.067	249975	2.413 ug/mlm
10) T Anthracene (C19.43)	11.143	240063	2.634 ug/mlm
12) T Fluoranthene (C21.85)	12.885	311524	2.737 ug/ml
13) T Pyrene (C20.8)	13.182	313040	2.803 ug/ml
14) T Benzo[a]anthracene (C...	15.070	146479	1.933 ug/ml
15) T Chrysene (C27.41)	15.110	396679	3.607 ug/ml
16) T benzo[b]fluoranthene ...	16.624	217562	2.168 ug/ml
17) T Bnezo[k]fluoranthene ...	16.655	392900	3.321 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.008	243432	2.319 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.386	142101	1.598 ug/ml
20) T Dibenz[a,h]anthracene...	18.422	406784	3.825 ug/ml
21) T Benzo[g,h,i]perylene ...	18.629	327002	2.656 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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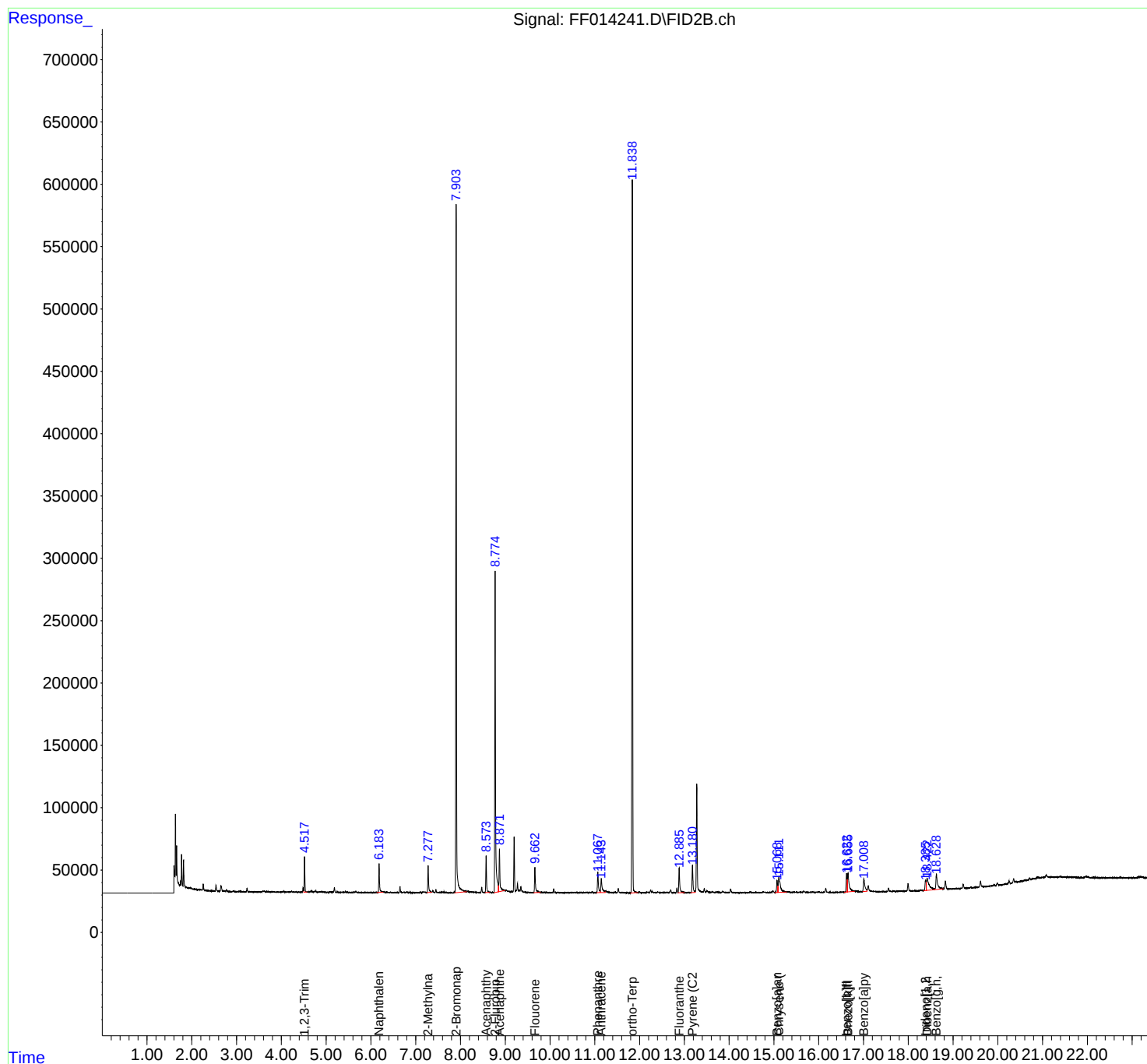
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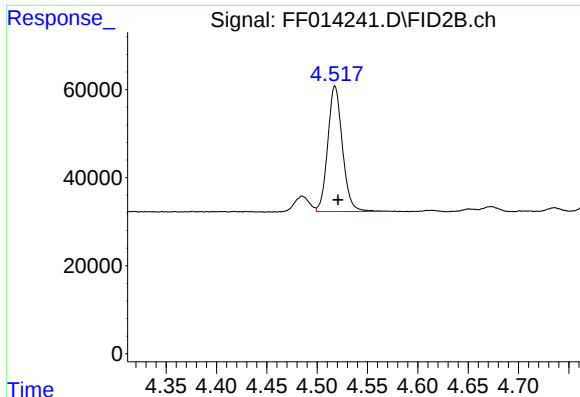
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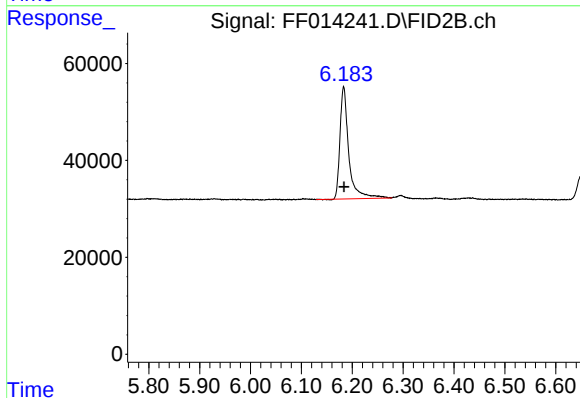
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 288993
Conc: 2.39 ug/ml

Instrument :
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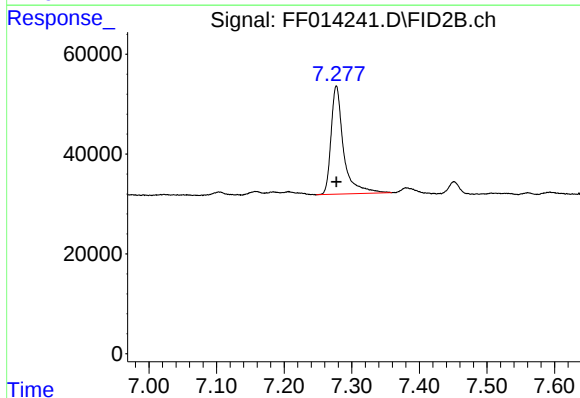
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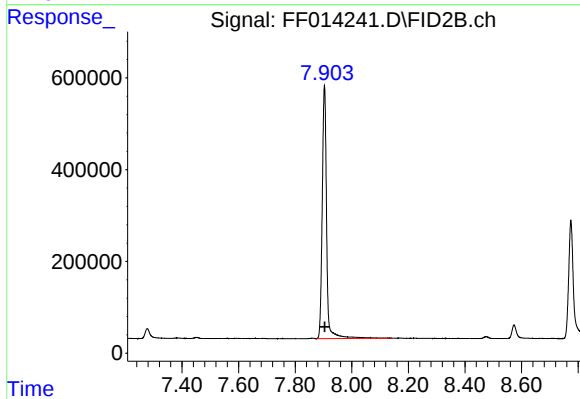
#2 Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 277338
Conc: 2.37 ug/ml



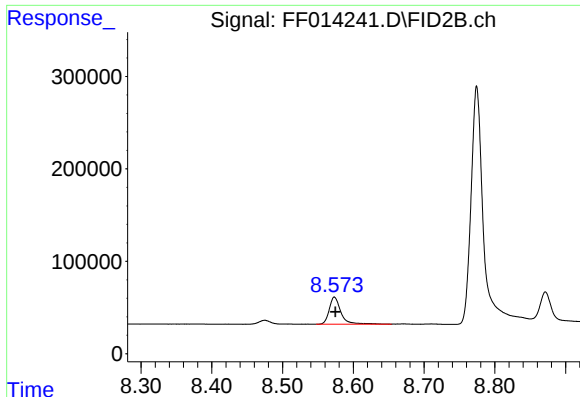
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 279373
Conc: 2.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.903 min
Delta R.T.: -0.001 min
Response: 5940181
Conc: 56.61 ug/ml



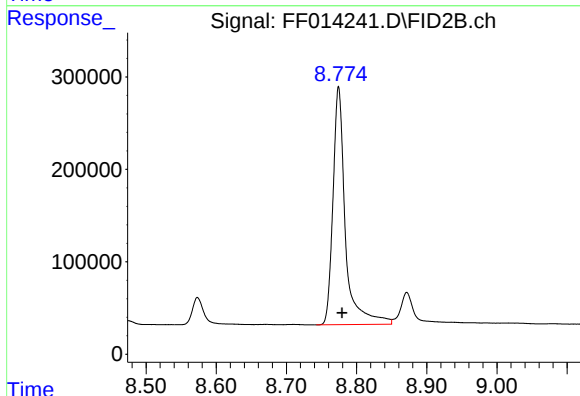
#5 Acenaphthylene (C15.06)

R.T.: 8.574 min
Delta R.T.: -0.001 min
Response: 333741
Conc: 2.97 ug/ml

Instrument : FID_F
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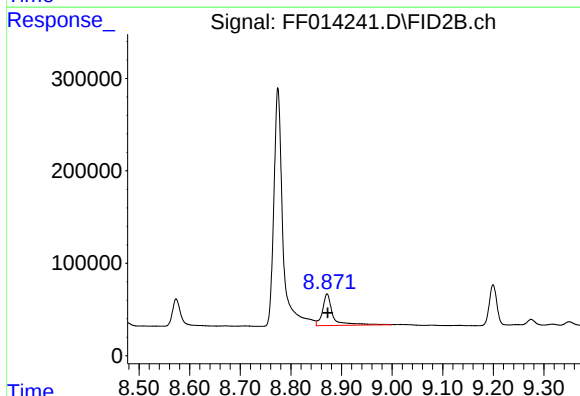
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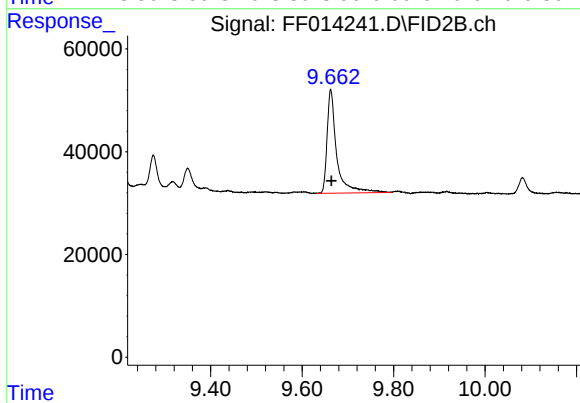
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.774 min
Delta R.T.: -0.005 min
Response: 3167507
Conc: 52.34 ug/ml



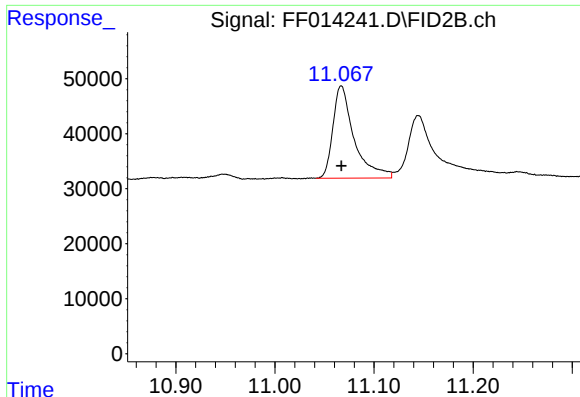
#7 Acenaphthene (C15.5)

R.T.: 8.872 min
Delta R.T.: -0.001 min
Response: 487019
Conc: 3.85 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.663 min
Delta R.T.: -0.001 min
Response: 293290
Conc: 2.75 ug/ml



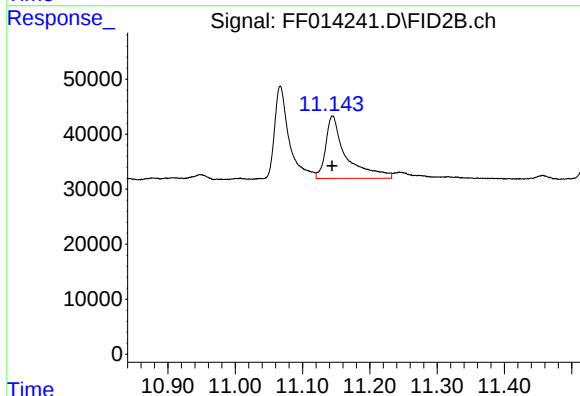
#9 Phenanthrene (C19.36)

R.T.: 11.067 min
Delta R.T.: 0.000 min
Response: 249975
Conc: 2.41 ug/ml

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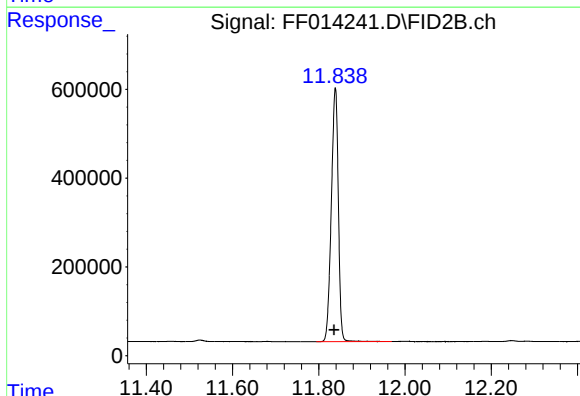
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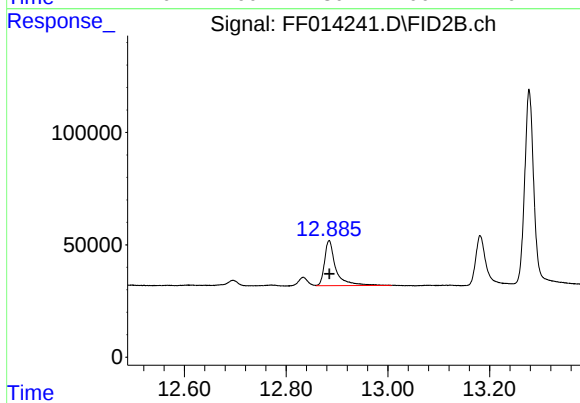
#10 Anthracene (C19.43)

R.T.: 11.143 min
Delta R.T.: 0.000 min
Response: 240063
Conc: 2.63 ug/ml m



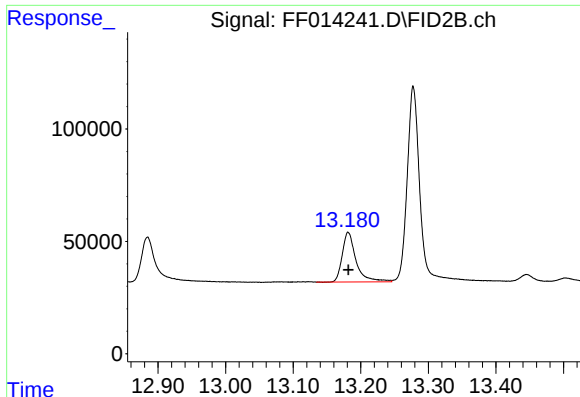
#11 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: 0.003 min
Response: 6436970
Conc: 45.60 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.885 min
Delta R.T.: 0.000 min
Response: 311524
Conc: 2.74 ug/ml



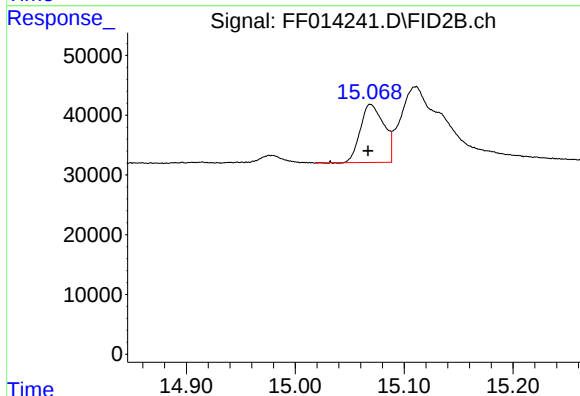
#13 Pyrene (C20.8)

R.T.: 13.182 min
Delta R.T.: 0.000 min
Response: 313040
Conc: 2.80 ug/ml

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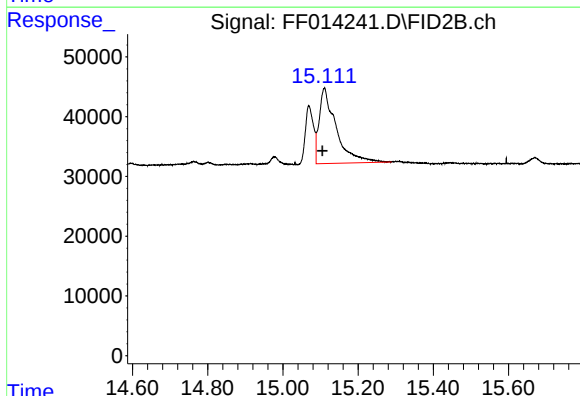
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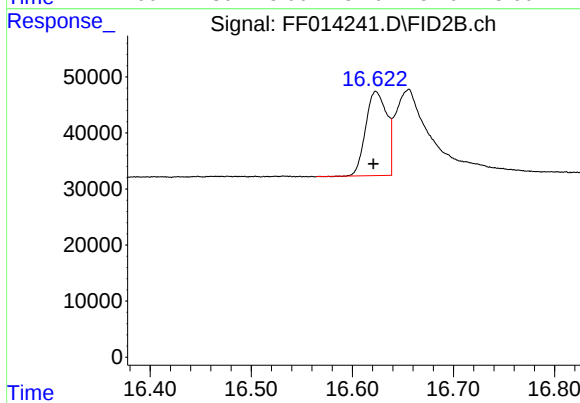
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.070 min
Delta R.T.: 0.003 min
Response: 146479
Conc: 1.93 ug/ml



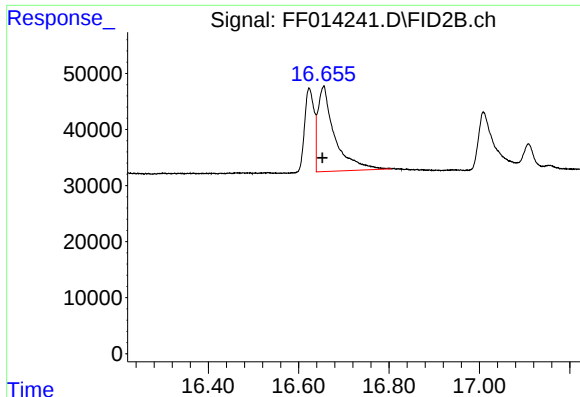
#15 Chrysene (C27.41)

R.T.: 15.110 min
Delta R.T.: 0.005 min
Response: 396679
Conc: 3.61 ug/ml



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

R.T.: 16.624 min
Delta R.T.: 0.003 min
Response: 217562
Conc: 2.17 ug/ml



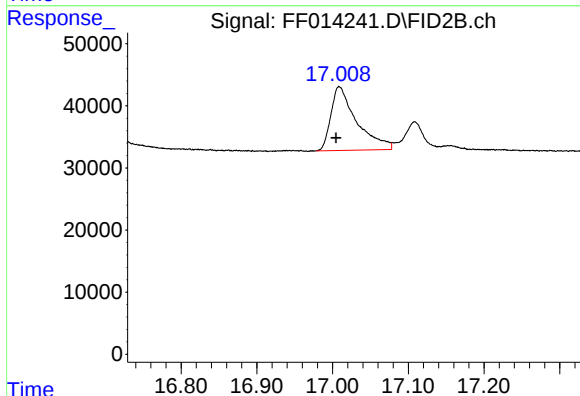
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.655 min
Delta R.T.: 0.003 min
Response: 392900
Conc: 3.32 ug/ml

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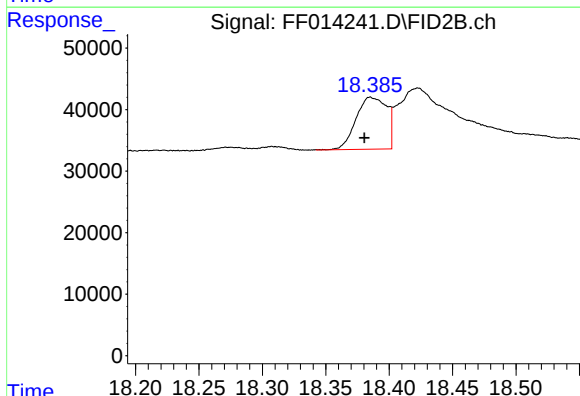
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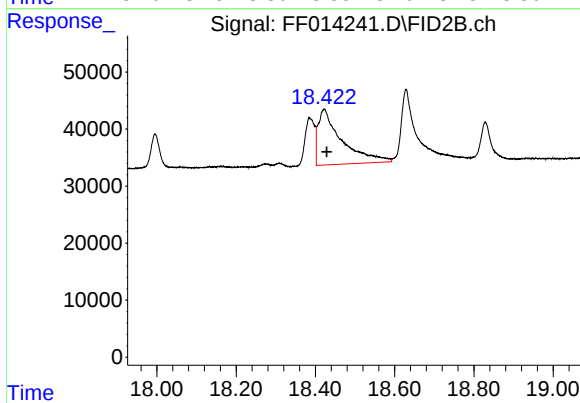
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.008 min
Delta R.T.: 0.003 min
Response: 243432
Conc: 2.32 ug/ml m



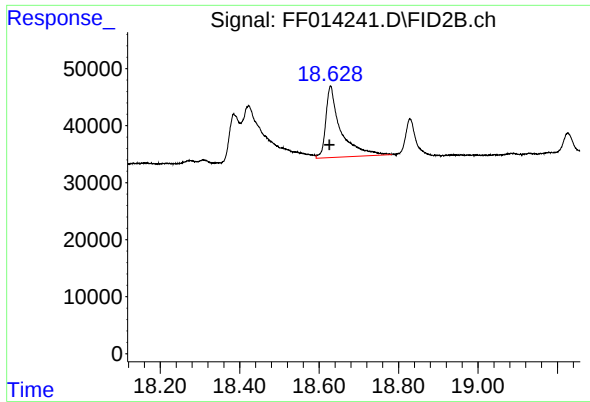
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.386 min
Delta R.T.: 0.006 min
Response: 142101
Conc: 1.60 ug/ml



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

R.T.: 18.422 min
Delta R.T.: -0.007 min
Response: 406784
Conc: 3.82 ug/ml



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

R.T.: 18.629 min
Delta R.T.: 0.003 min
Response: 327002
Conc: 2.66 ug/ml

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