

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120925AR\
 Data File : FF016880.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2025 15:57
 Operator : YP\AJ
 Sample : Q3530-08
 Misc : 5PPM WATER LOQ
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/10/2025
 Supervised By :Yogesh Patel 12/10/2025

Integration File: autoint1.e
 Quant Time: Dec 10 03:43:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:18:58 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...	8.002	6997758	61.029 ug/ml
Spiked Amount 50.000		Recovery =	122.06%
6) S 2-Fluorobiphenyl (SURR)	8.877	4550519	64.198 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	128.40%
11) S ortho-Terphenyl (SURR)	11.944	7167321	48.706 ug/ml
Spiked Amount 50.000		Recovery =	97.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.593	507321	3.692 ug/ml
2) T Naphthalene (C11.7)	6.271	507257	3.730 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	460719	3.404 ug/ml
5) T Acenaphthylene (C15.06)	8.674	614964	4.496 ug/ml
7) T Acenaphthene (C15.5)	8.973	754567	5.258 ug/ml
8) T Flouorene (C16.55)	9.765	533148	4.016 ug/ml
9) T Phenanthrene (C19.36)	11.173	544768	4.195 ug/ml
10) T Anthracene (C19.43)	11.249	595007	4.676 ug/ml
12) T Fluoranthene (C21.85)	12.996	622469	4.743 ug/ml
13) T Pyrene (C20.8)	13.294	609380	4.627 ug/ml
14) T Benzo[a]anthracene (C...	15.184	443793	4.123 ug/ml
15) T Chrysene (C27.41)	15.224	744917	5.384 ug/ml
16) T benzo[b]fluoranthene ...	16.745	448672	3.799 ug/ml
17) T Bnezo[k]fluoranthene ...	16.776	569930	4.422 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.132	443608	3.688 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.510	343455	3.473 ug/ml
20) T Dibenz[a,h]anthracene...	18.546	652958	4.134 ug/ml
21) T Benzo[g,h,i]perylene ...	18.759	462392	3.640 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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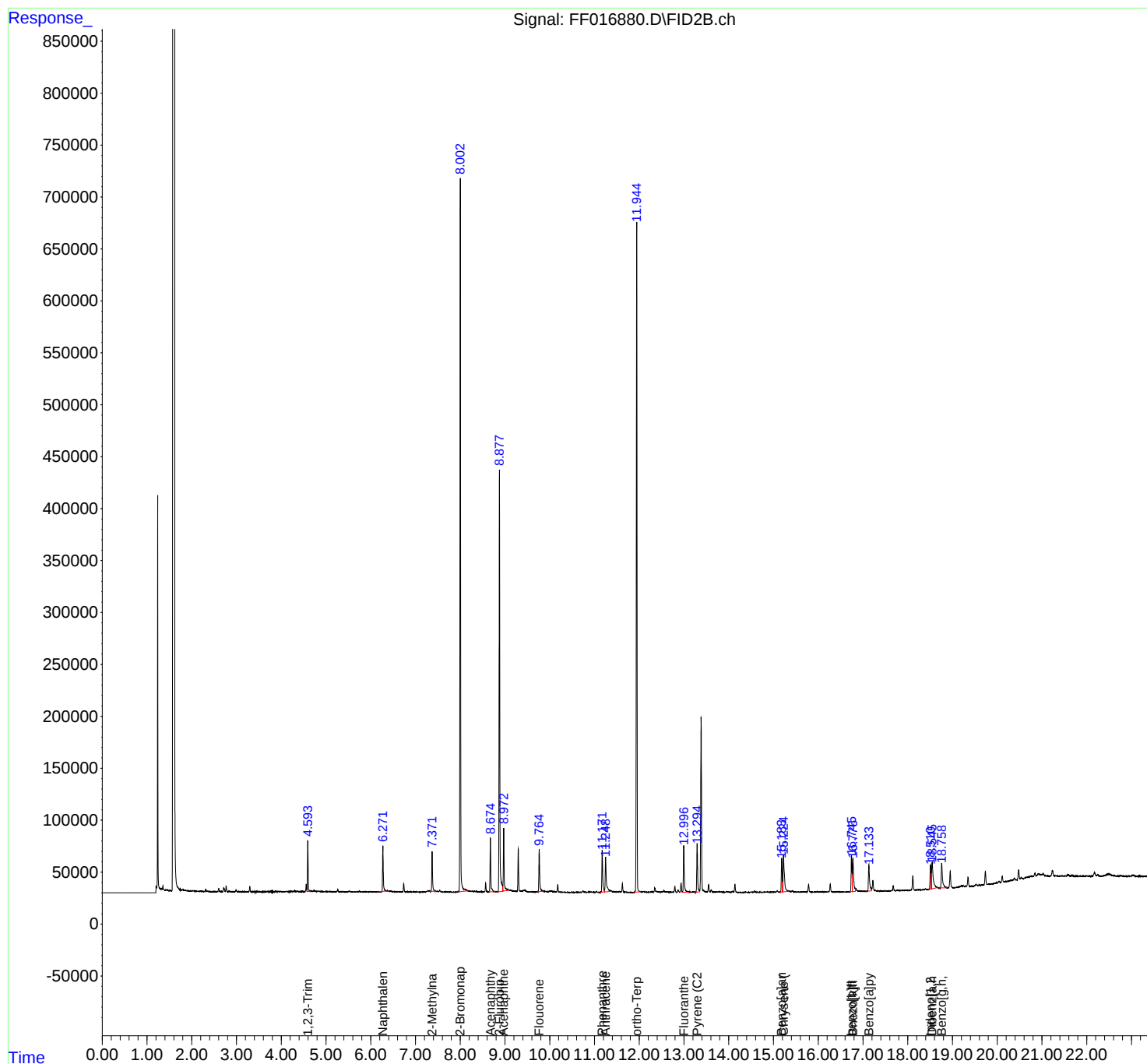
Instrument :
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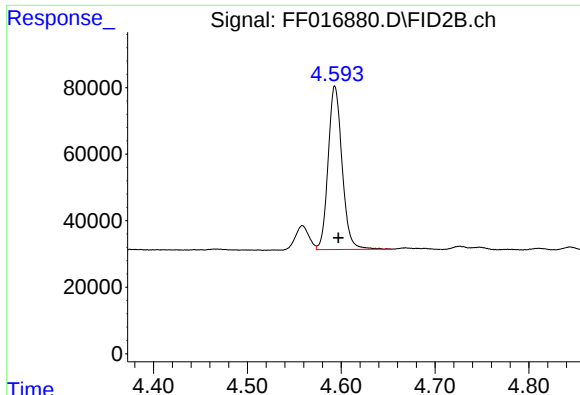
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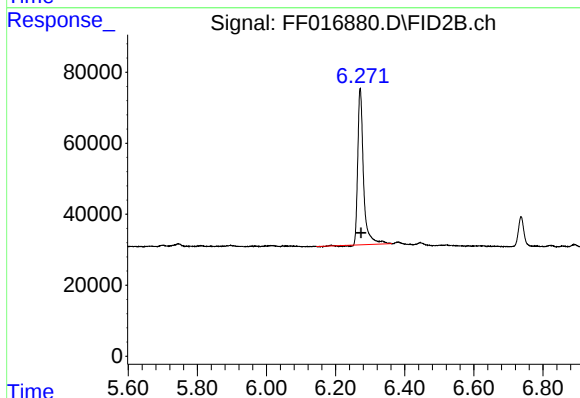
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.593 min
Delta R.T.: -0.004 min
Response: 507321
Conc: 3.69 ug/ml

Instrument :
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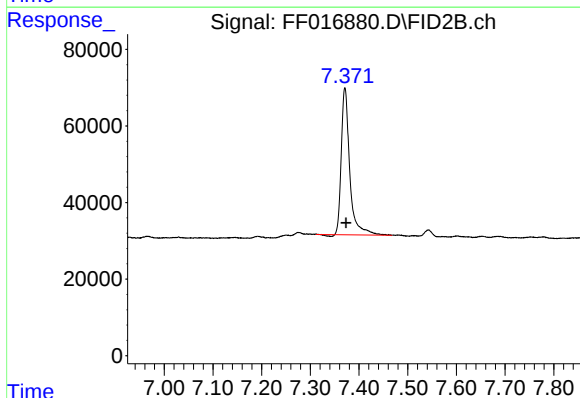
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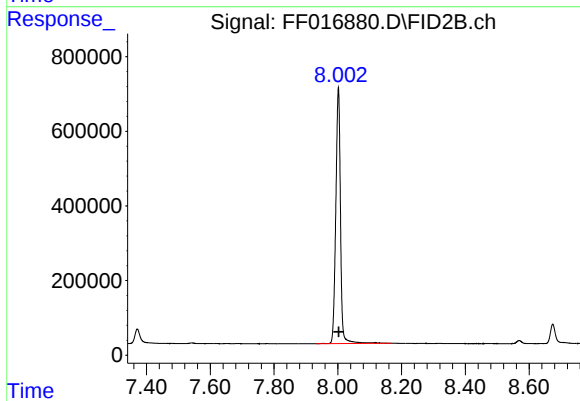
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 507257
Conc: 3.73 ug/ml



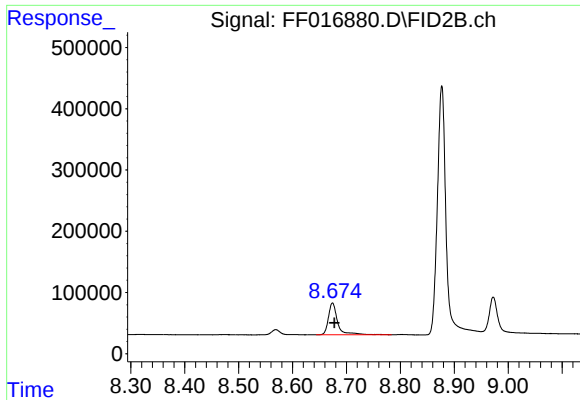
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.002 min
Response: 460719
Conc: 3.40 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 6997758
Conc: 61.03 ug/ml



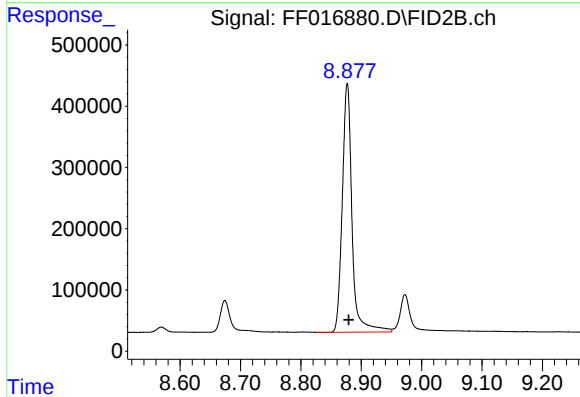
#5 Acenaphthylene (C15.06)

R.T.: 8.674 min
Delta R.T.: -0.003 min
Response: 614964
Conc: 4.50 ug/ml

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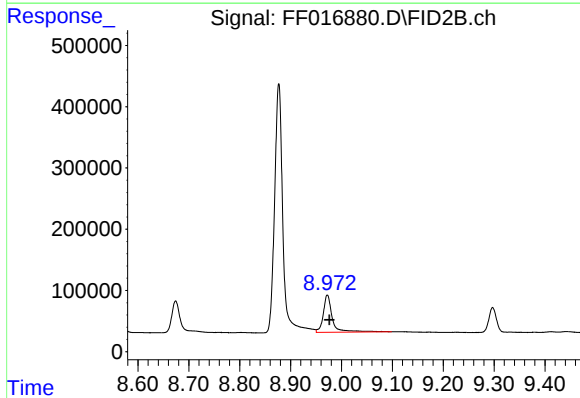
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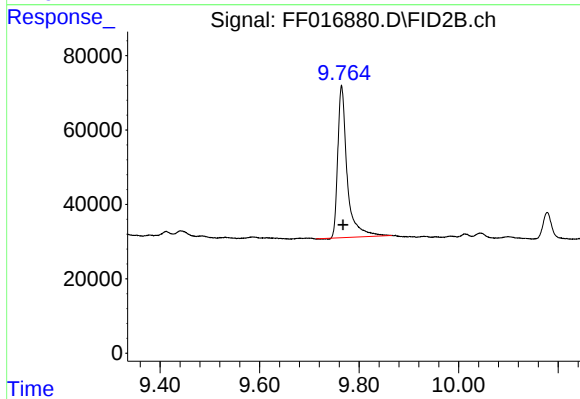
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.877 min
Delta R.T.: -0.002 min
Response: 4550519
Conc: 64.20 ug/ml



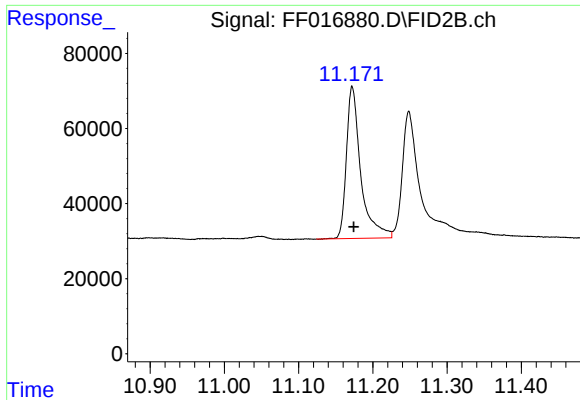
#7 Acenaphthene (C15.5)

R.T.: 8.973 min
Delta R.T.: -0.004 min
Response: 754567
Conc: 5.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.765 min
Delta R.T.: -0.003 min
Response: 533148
Conc: 4.02 ug/ml



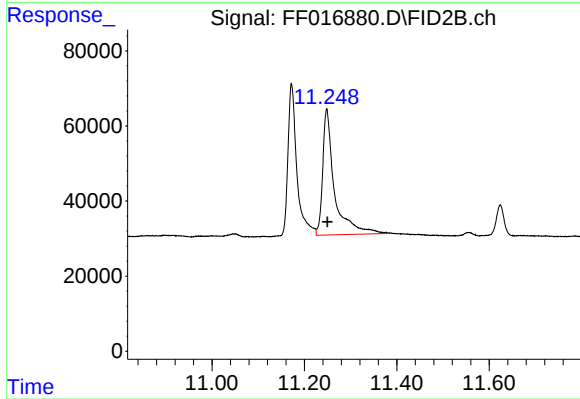
#9 Phenanthrene (C19.36)

R.T.: 11.173 min
Delta R.T.: -0.002 min
Response: 544768
Conc: 4.19 ug/ml

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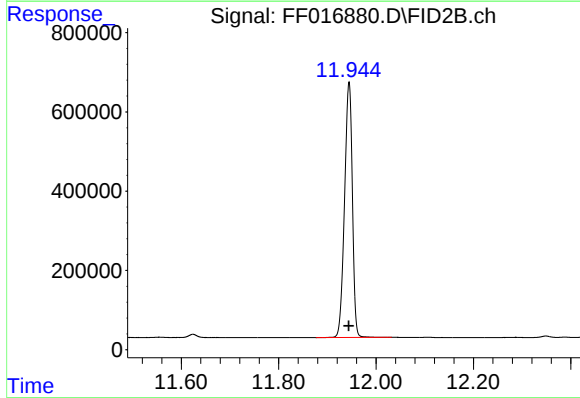
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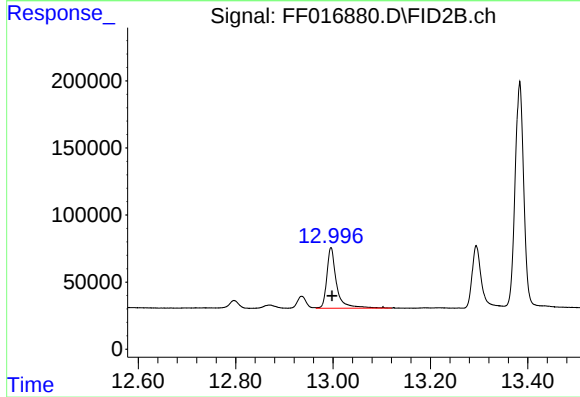
#10 Anthracene (C19.43)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 595007
Conc: 4.68 ug/ml



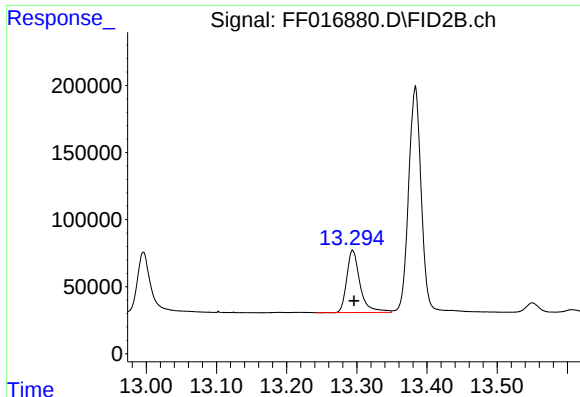
#11 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 7167321
Conc: 48.71 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.996 min
Delta R.T.: -0.002 min
Response: 622469
Conc: 4.74 ug/ml



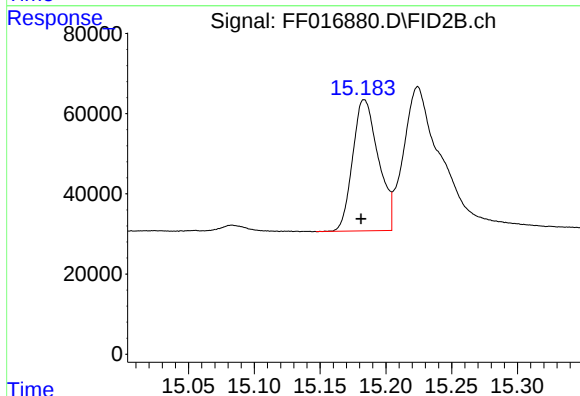
#13 Pyrene (C20.8)

R.T.: 13.294 min
Delta R.T.: -0.002 min
Response: 609380
Conc: 4.63 ug/ml

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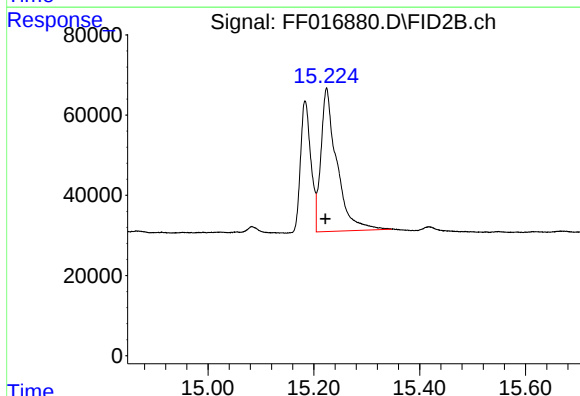
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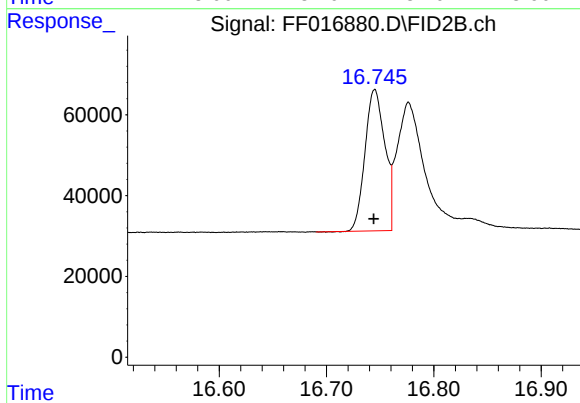
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.184 min
Delta R.T.: 0.003 min
Response: 443793
Conc: 4.12 ug/ml



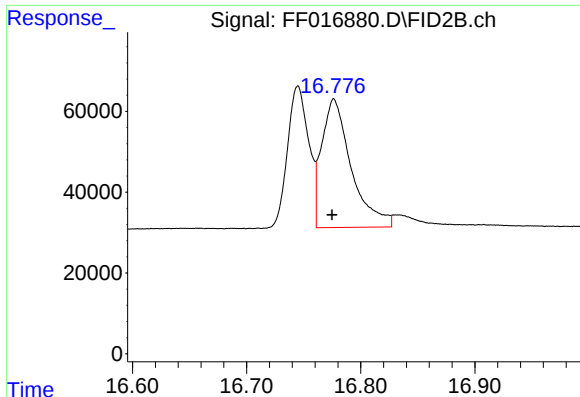
#15 Chrysene (C27.41)

R.T.: 15.224 min
Delta R.T.: 0.002 min
Response: 744917
Conc: 5.38 ug/ml



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

R.T.: 16.745 min
Delta R.T.: 0.000 min
Response: 448672
Conc: 3.80 ug/ml



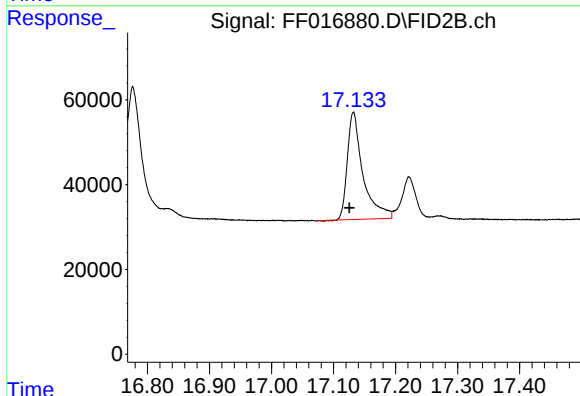
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.776 min
Delta R.T.: 0.001 min
Response: 569930
Conc: 4.42 ug/ml

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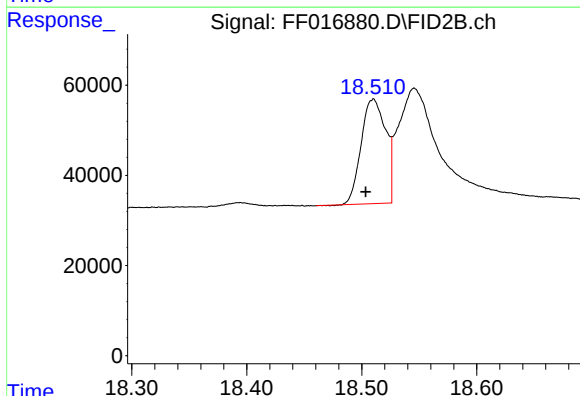
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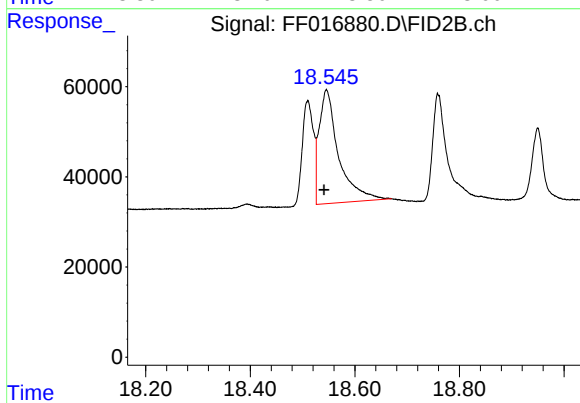
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.132 min
Delta R.T.: 0.006 min
Response: 443608
Conc: 3.69 ug/ml



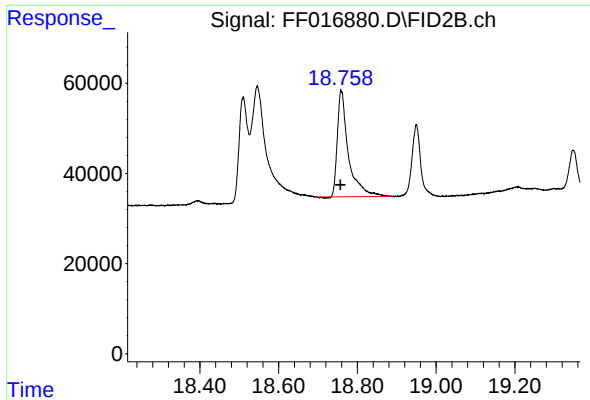
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min
Delta R.T.: 0.006 min
Response: 343455
Conc: 3.47 ug/ml



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

R.T.: 18.546 min
Delta R.T.: 0.005 min
Response: 652958
Conc: 4.13 ug/ml



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

R.T.: 18.759 min
Delta R.T.: 0.002 min
Response: 462392
Conc: 3.64 ug/ml

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