

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120525AR\
 Data File : FF016848.D
 Signal(s) : FID2B.ch
 Acq On : 05 Dec 2025 13:53
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : LOD-LOQ-WATER-0.4 ML-QT4-2025
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/08/2025
 Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e
 Quant Time: Dec 08 00:55:44 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...	8.000	6575423	57.346 ug/ml
Spiked Amount 50.000		Recovery =	114.69%
6) S 2-Fluorobiphenyl (SURR)	8.876	4047598	57.103 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.21%
11) S ortho-Terphenyl (SURR)	11.942	6528443	44.364 ug/ml
Spiked Amount 50.000		Recovery =	88.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.594	463794	3.376 ug/ml
2) T Naphthalene (C11.7)	6.275	445615	3.276 ug/ml
3) T 2-Methylnaphthalene (...)	7.377	411438	3.040 ug/ml
5) T Acenaphthylene (C15.06)	8.676	531591	3.886 ug/ml
7) T Acenaphthene (C15.5)	8.973	772019	5.379 ug/ml
8) T Flouorene (C16.55)	9.771	466015	3.511 ug/ml
9) T Phenanthrene (C19.36)	11.178	431061	3.319 ug/ml
10) T Anthracene (C19.43)	11.258	457131	3.593 ug/ml
12) T Fluoranthene (C21.85)	13.001	487949	3.718 ug/ml
13) T Pyrene (C20.8)	13.298	475135	3.608 ug/ml
14) T Benzo[a]anthracene (C...	15.195	277982	2.582 ug/ml
15) T Chrysene (C27.41)	15.236	732440	5.294 ug/ml
16) T benzo[b]fluoranthene ...	16.755	323980	2.743 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	698137	5.417 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.150	352052	2.927 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.540	193597	1.958 ug/ml
20) T Dibenz[a,h]anthracene...	18.590	309332	1.959 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.776	300788	2.368 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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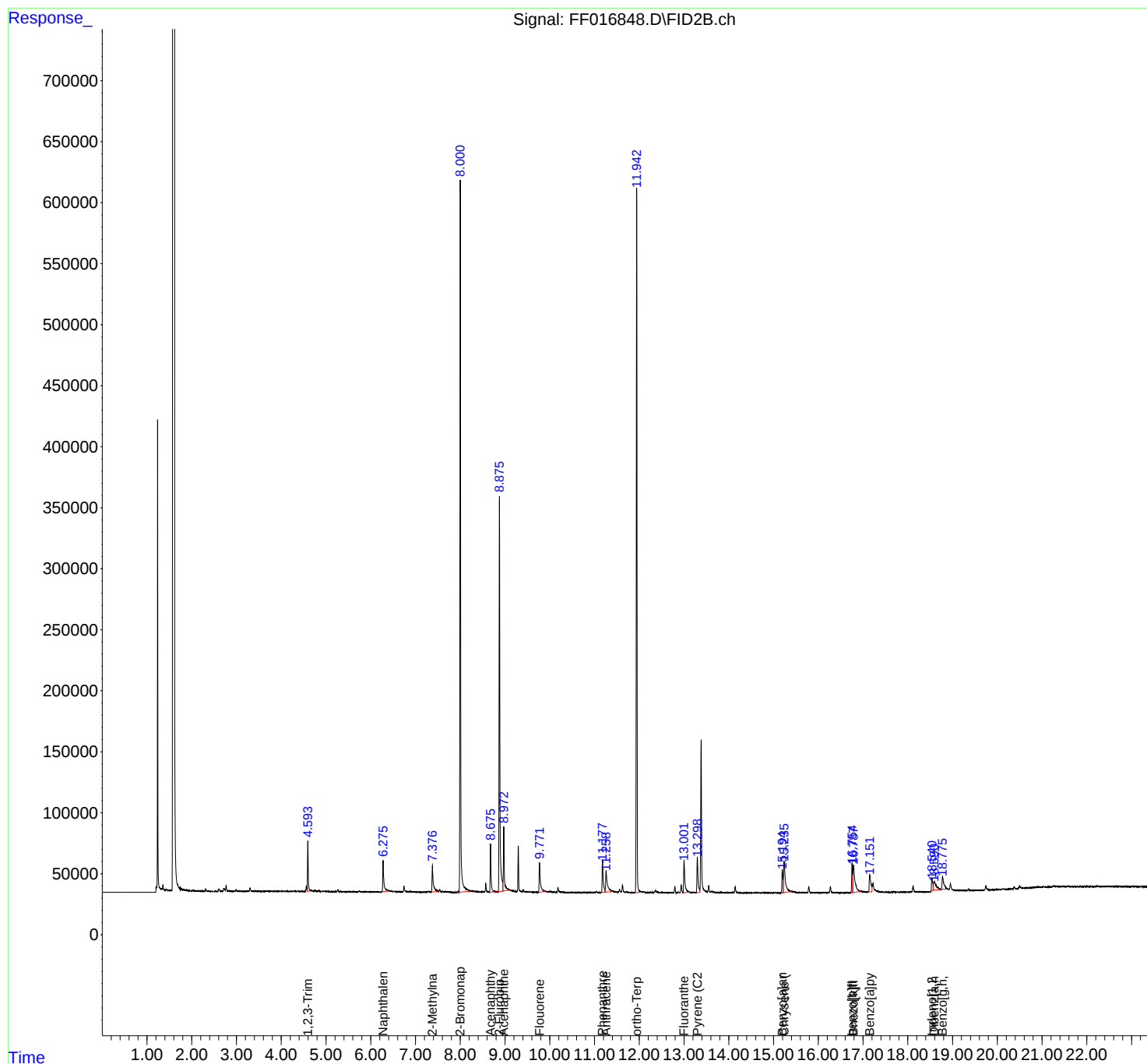
Instrument :
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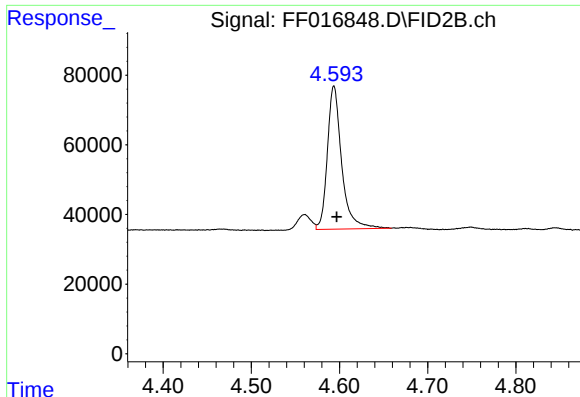
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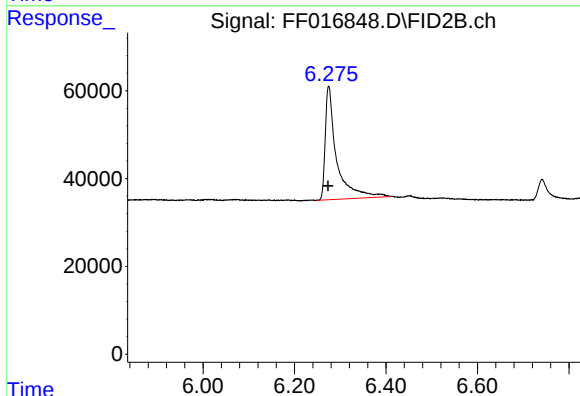
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.594 min
Delta R.T.: -0.003 min
Response: 463794
Conc: 3.38 ug/ml

Instrument :
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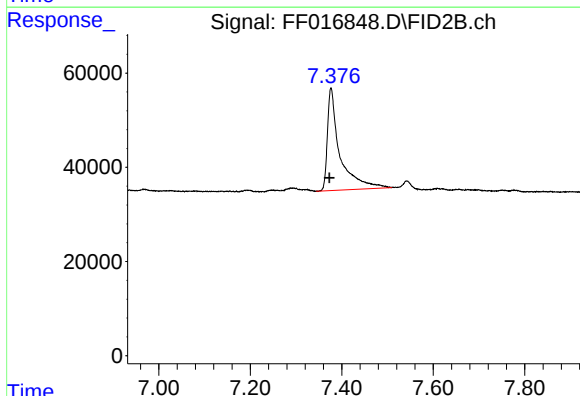
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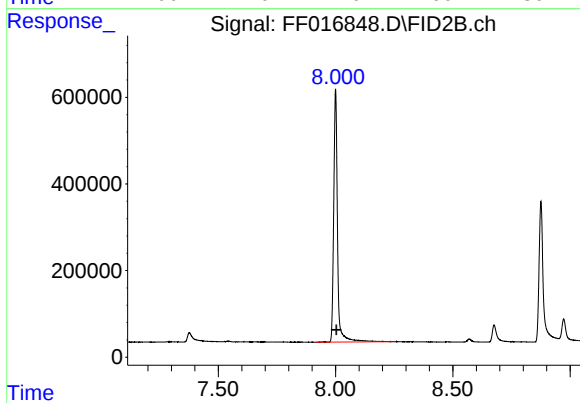
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.002 min
Response: 445615
Conc: 3.28 ug/ml



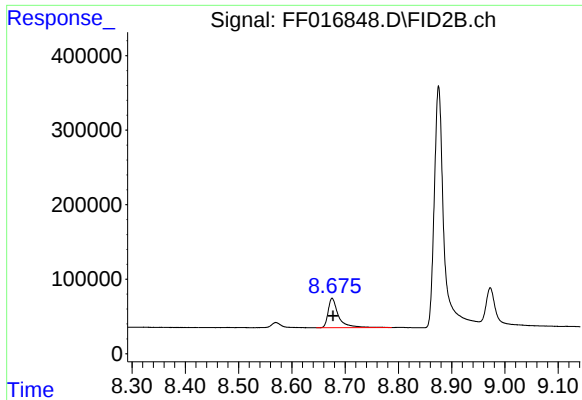
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.377 min
Delta R.T.: 0.003 min
Response: 411438
Conc: 3.04 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.000 min
Delta R.T.: -0.003 min
Response: 6575423
Conc: 57.35 ug/ml



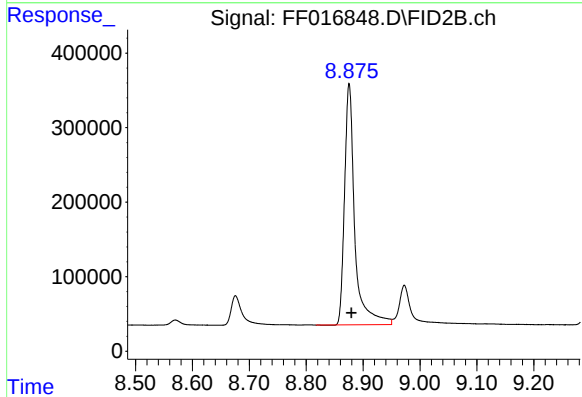
#5 Acenaphthylene (C15.06)

R.T.: 8.676 min
Delta R.T.: -0.002 min
Response: 531591
Conc: 3.89 ug/ml

Instrument :
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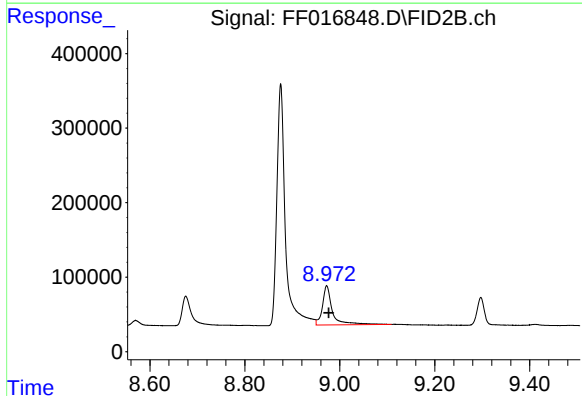
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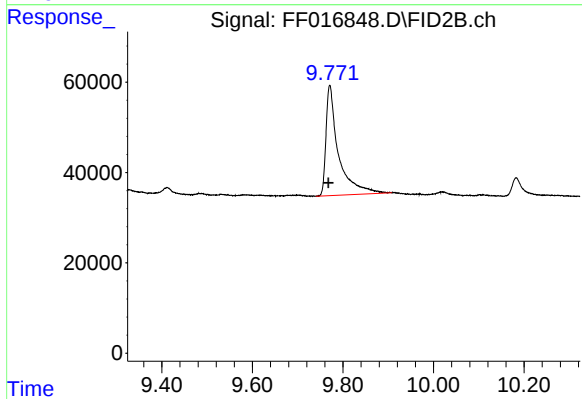
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.876 min
Delta R.T.: -0.004 min
Response: 4047598
Conc: 57.10 ug/ml



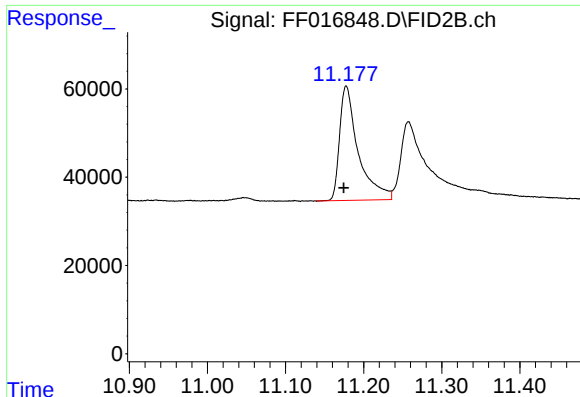
#7 Acenaphthene (C15.5)

R.T.: 8.973 min
Delta R.T.: -0.004 min
Response: 772019
Conc: 5.38 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.771 min
Delta R.T.: 0.004 min
Response: 466015
Conc: 3.51 ug/ml



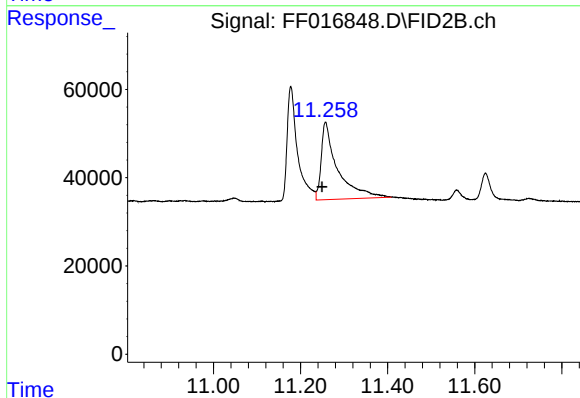
#9 Phenanthrene (C19.36)

R.T.: 11.178 min
Delta R.T.: 0.003 min
Response: 431061
Conc: 3.32 ug/ml

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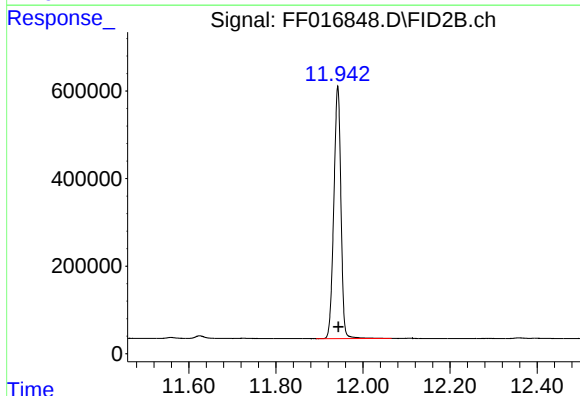
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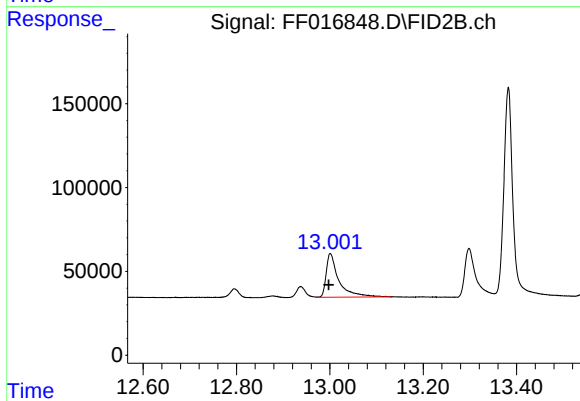
#10 Anthracene (C19.43)

R.T.: 11.258 min
Delta R.T.: 0.008 min
Response: 457131
Conc: 3.59 ug/ml



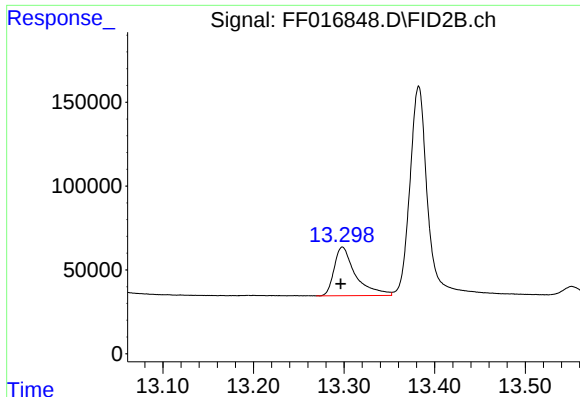
#11 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.002 min
Response: 6528443
Conc: 44.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.001 min
Delta R.T.: 0.004 min
Response: 487949
Conc: 3.72 ug/ml



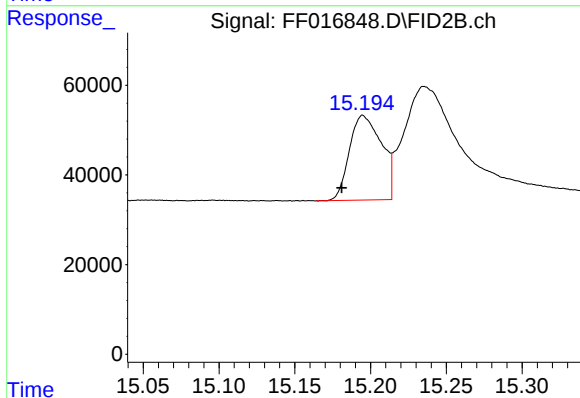
#13 Pyrene (C20.8)

R.T.: 13.298 min
Delta R.T.: 0.002 min
Response: 475135
Conc: 3.61 ug/ml

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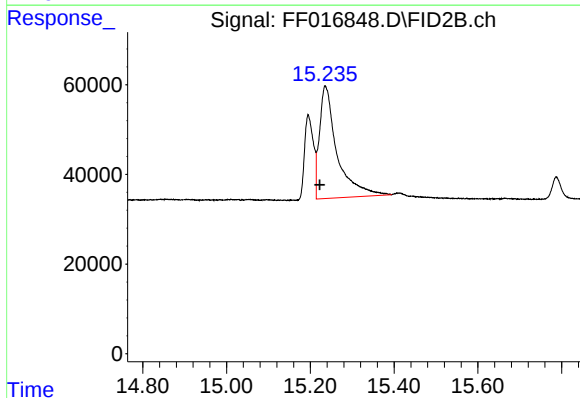
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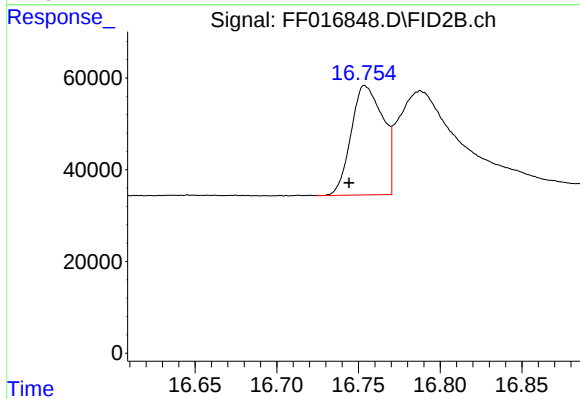
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.195 min
Delta R.T.: 0.015 min
Response: 277982
Conc: 2.58 ug/ml



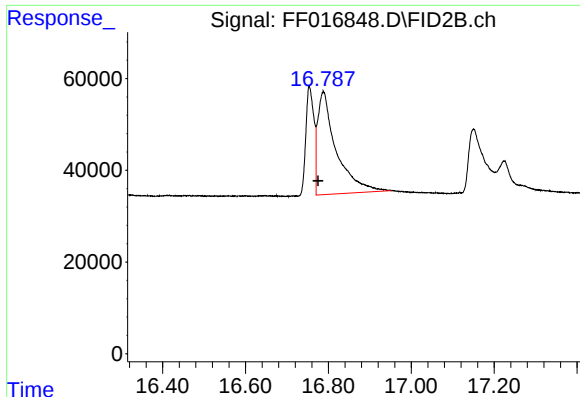
#15 Chrysene (C27.41)

R.T.: 15.236 min
Delta R.T.: 0.014 min
Response: 732440
Conc: 5.29 ug/ml



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

R.T.: 16.755 min
Delta R.T.: 0.011 min
Response: 323980
Conc: 2.74 ug/ml



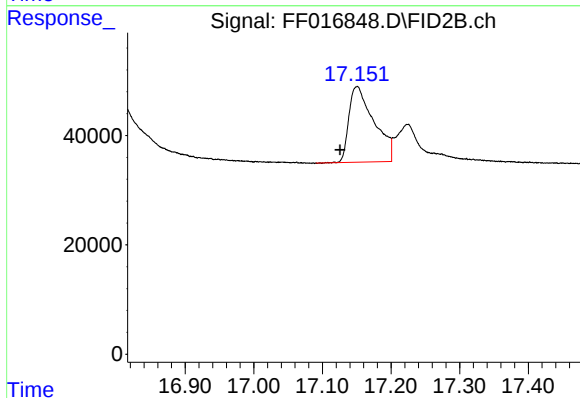
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.788 min
Delta R.T.: 0.013 min
Response: 698137
Conc: 5.42 ug/ml

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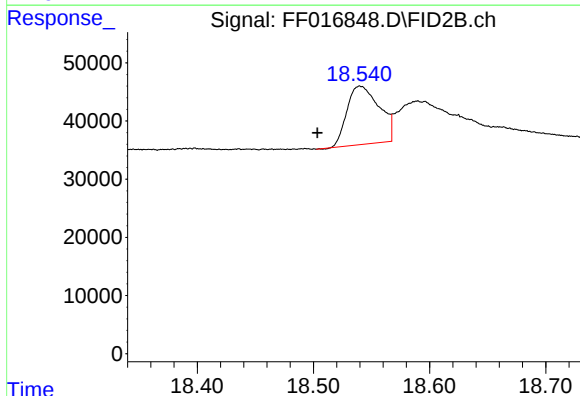
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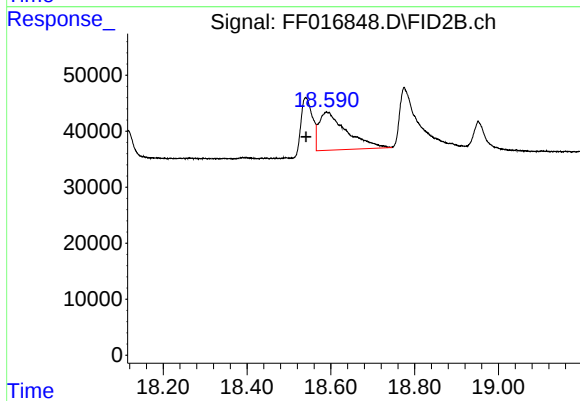
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.150 min
Delta R.T.: 0.025 min
Response: 352052
Conc: 2.93 ug/ml



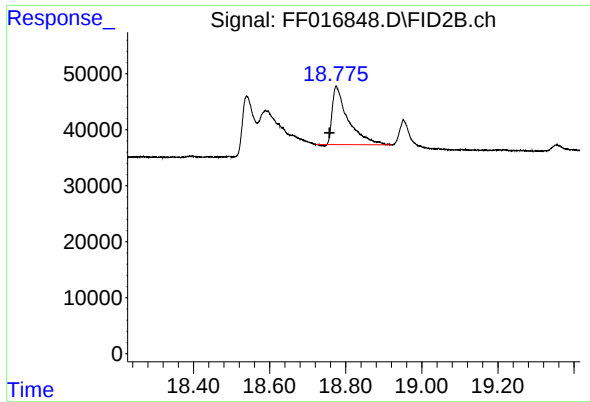
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.540 min
Delta R.T.: 0.037 min
Response: 193597
Conc: 1.96 ug/ml



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

R.T.: 18.590 min
Delta R.T.: 0.049 min
Response: 309332
Conc: 1.96 ug/ml m



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

R.T.: 18.776 min
Delta R.T.: 0.018 min
Response: 300788
Conc: 2.37 ug/ml

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