

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015477.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2025 00:46
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File: sample.E
 Quant Time: Feb 06 05:05:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:02:08 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...	7.997	1237505	10.688 ug/ml
Spiked Amount 50.000		Recovery =	21.38%
6) S 2-Fluorobiphenyl (SURR)	8.873	777656	10.484 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.97%
11) S ortho-Terphenyl (SURR)	11.933	1391037	10.953 ug/ml
Spiked Amount 50.000		Recovery =	21.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	1454679	10.849 ug/ml
2) T Naphthalene (C11.7)	6.276	1436828	10.734 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	1386605	10.761 ug/ml
5) T Acenaphthylene (C15.06)	8.671	1421455	10.839 ug/ml
7) T Acenaphthene (C15.5)	8.970	1404549	10.868 ug/ml
8) T Fluorene (C16.55)	9.760	1356184	10.790 ug/ml
9) T Phenanthrene (C19.36)	11.166	1258288	10.660 ug/ml
10) T Anthracene (C19.43)	11.242	1254510	10.770 ug/ml
12) T Fluoranthene (C21.85)	12.988	1271947	10.792 ug/ml
13) T Pyrene (C20.8)	13.287	1281838	10.843 ug/ml
14) T Benzo[a]anthracene (C...	15.169	1114603	10.413 ug/ml
15) T Chrysene (C27.41)	15.211	1273778	11.014 ug/ml
16) T benzo[b]fluoranthene ...	16.729	1205904	10.677 ug/ml
17) T Bnezo[k]fluoranthene ...	16.759	1291485	11.114 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	1176331	10.754 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	1127231	10.541 ug/ml
20) T Dibenz[a,h]anthracene...	18.523	1336743	10.929 ug/ml
21) T Benzo[g,h,i]perylene ...	18.737	1349156	10.818 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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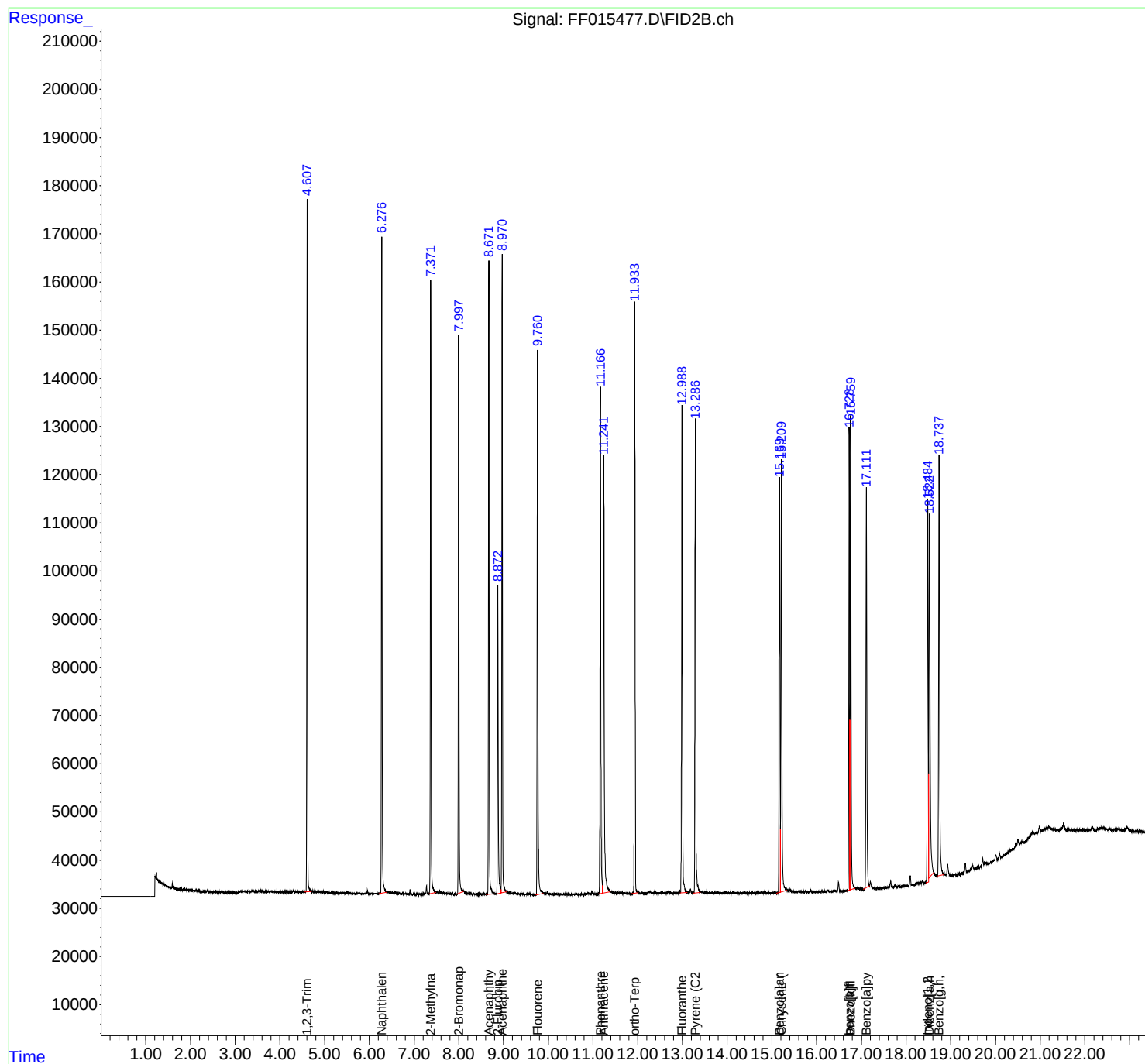
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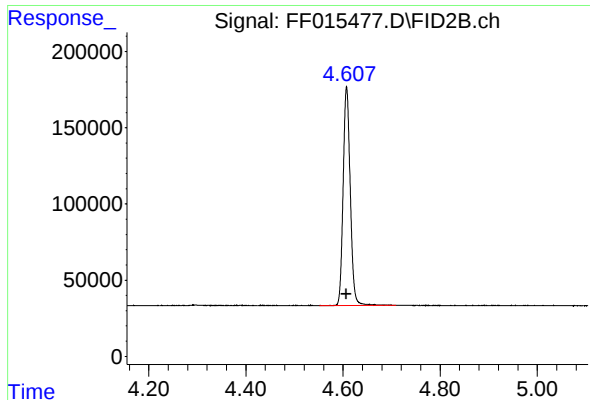
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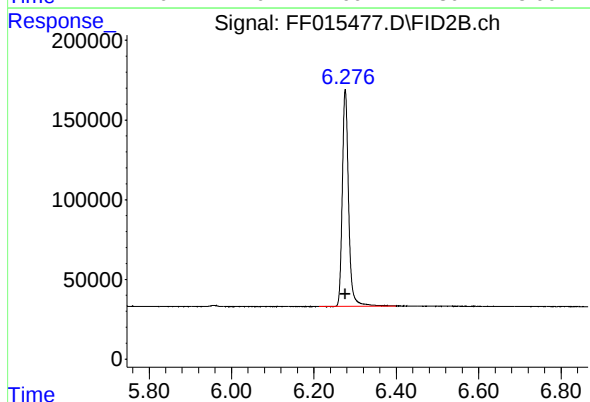
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 1454679
Conc: 10.85 ug/ml

Instrument : FID_F
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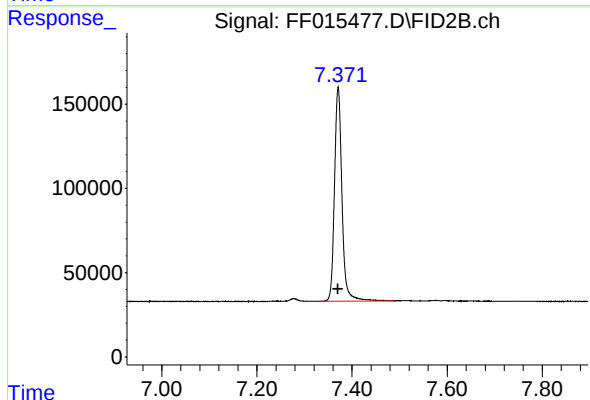
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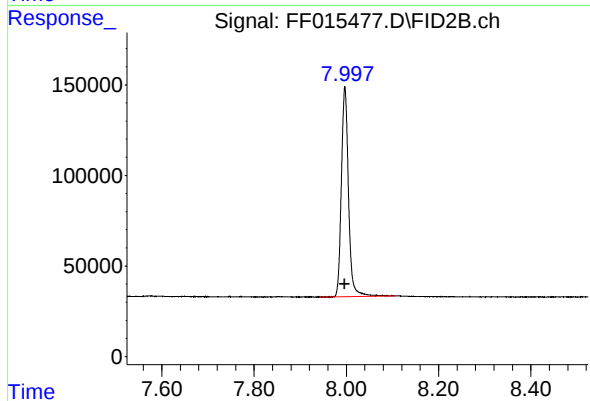
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 1436828
Conc: 10.73 ug/ml



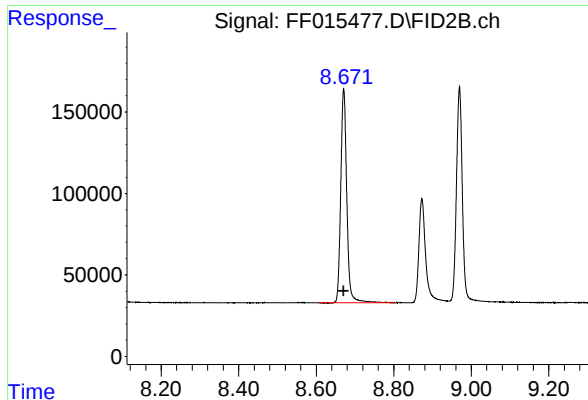
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 1386605
Conc: 10.76 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 1237505
Conc: 10.69 ug/ml



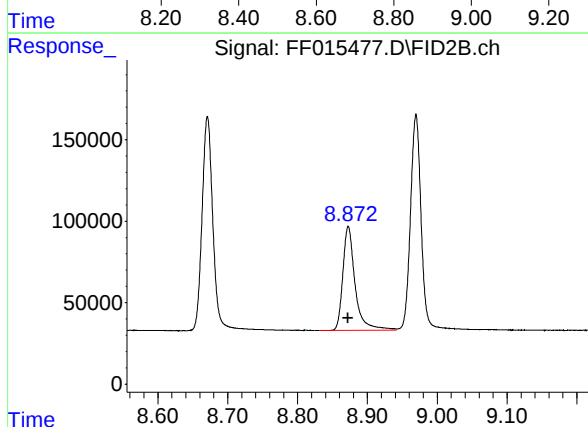
#5 Acenaphthylene (C15.06)

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 1421455
Conc: 10.84 ug/ml

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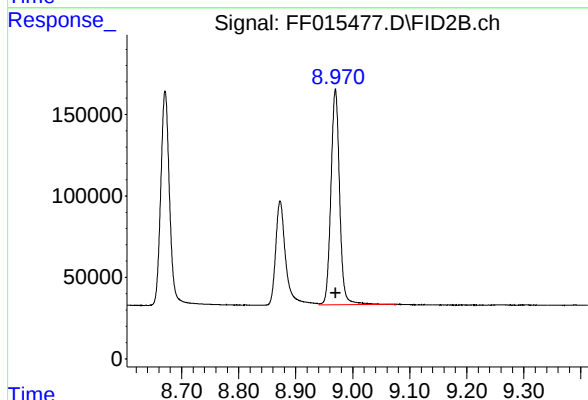
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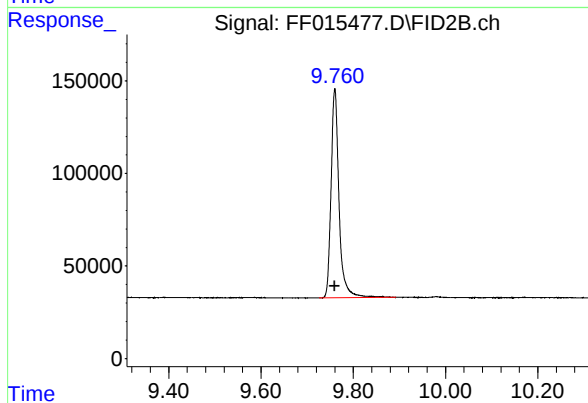
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 777656
Conc: 10.48 ug/ml



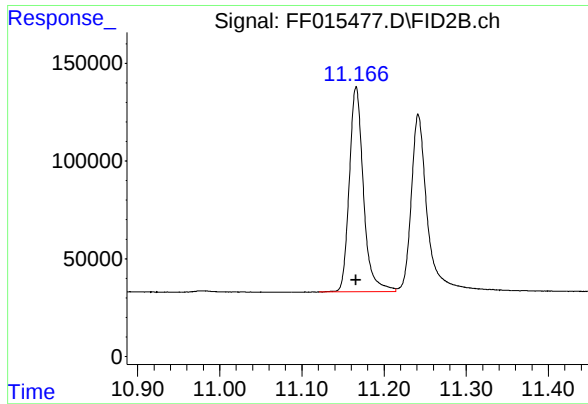
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 1404549
Conc: 10.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 1356184
Conc: 10.79 ug/ml



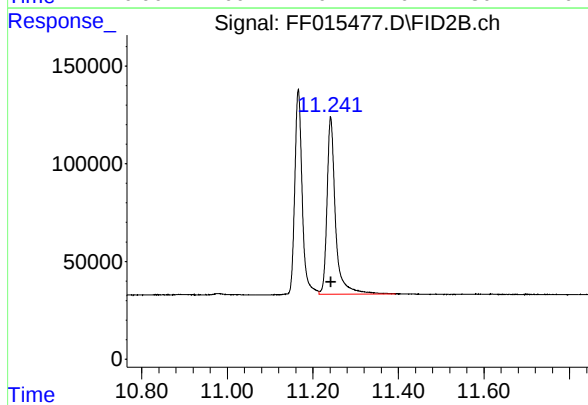
#9 Phenanthrene (C19.36)

R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 1258288
Conc: 10.66 ug/ml

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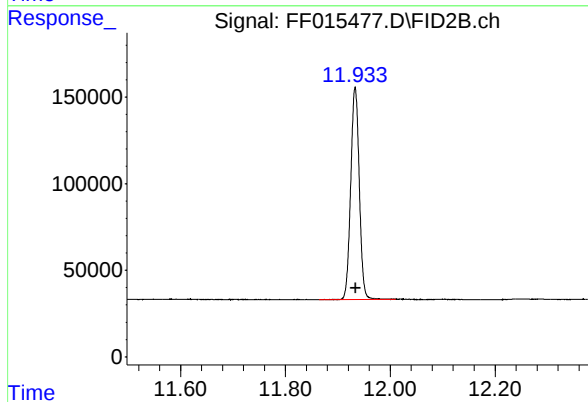
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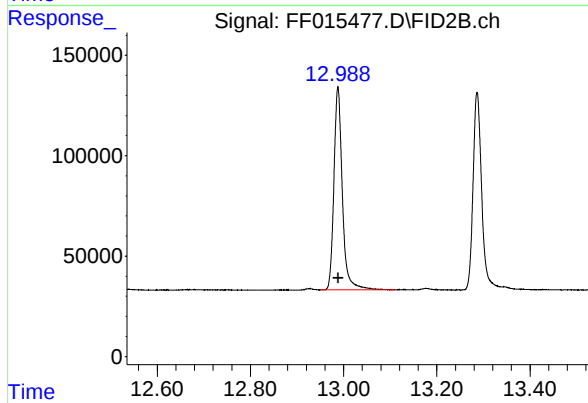
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 1254510
Conc: 10.77 ug/ml



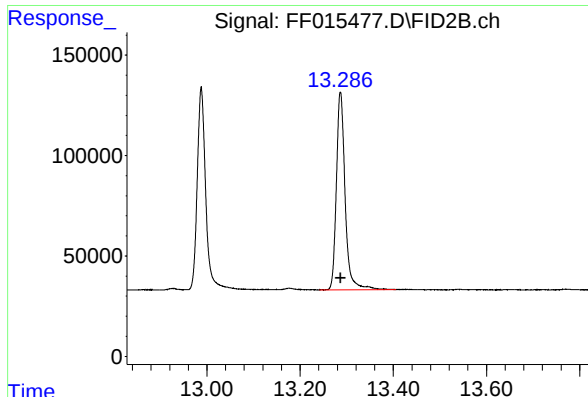
#11 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 1391037
Conc: 10.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 1271947
Conc: 10.79 ug/ml



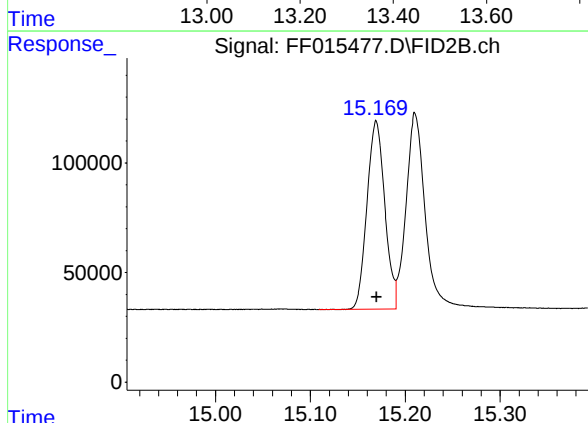
#13 Pyrene (C20.8)

R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 1281838
Conc: 10.84 ug/ml

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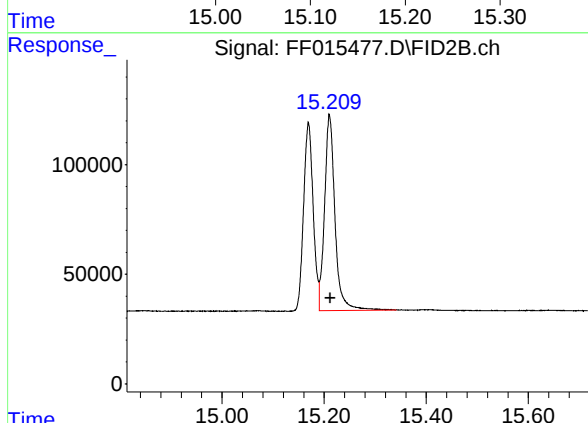
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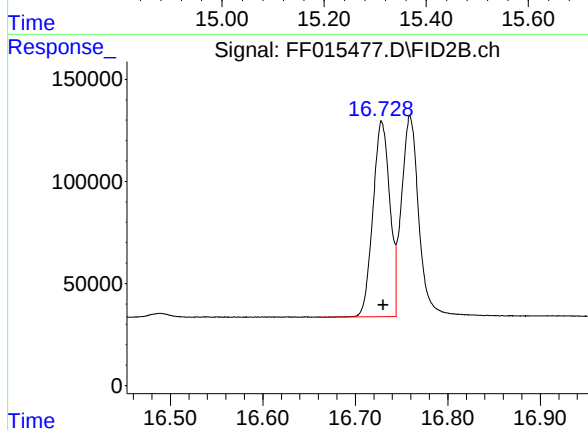
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.169 min
Delta R.T.: 0.000 min
Response: 1114603
Conc: 10.41 ug/ml



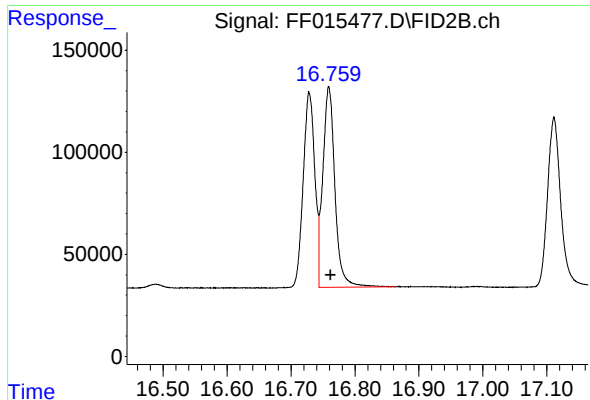
#15 Chrysene (C27.41)

R.T.: 15.211 min
Delta R.T.: -0.001 min
Response: 1273778
Conc: 11.01 ug/ml



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

R.T.: 16.729 min
Delta R.T.: -0.002 min
Response: 1205904
Conc: 10.68 ug/ml



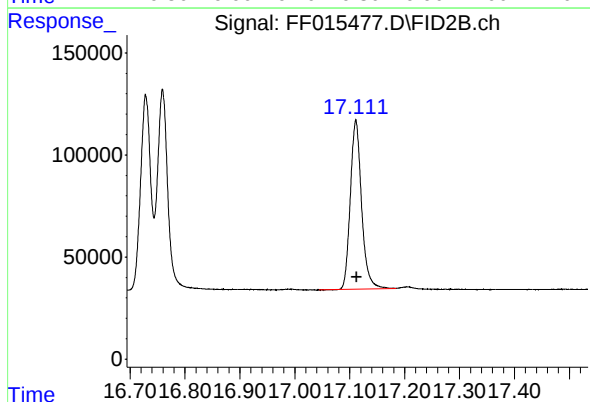
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.759 min
Delta R.T.: -0.003 min
Response: 1291485
Conc: 11.11 ug/ml

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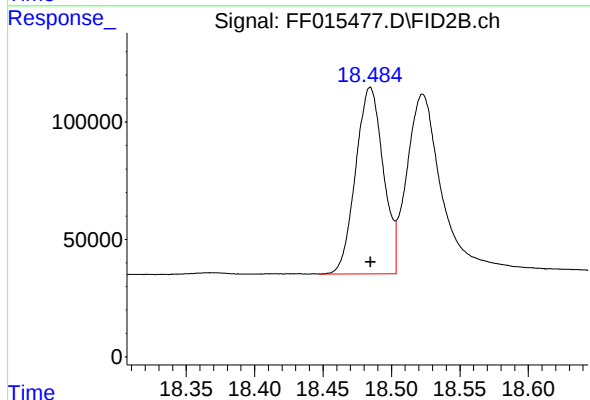
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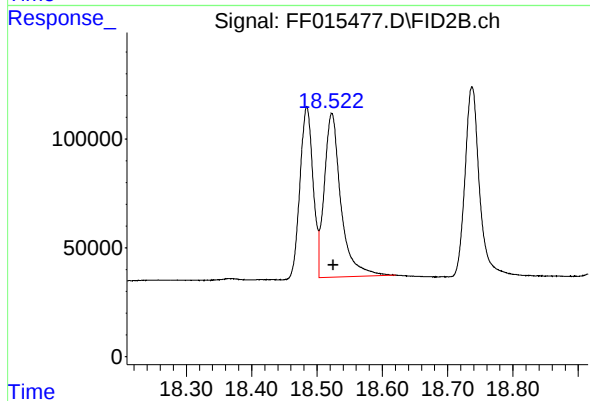
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: -0.001 min
Response: 1176331
Conc: 10.75 ug/ml



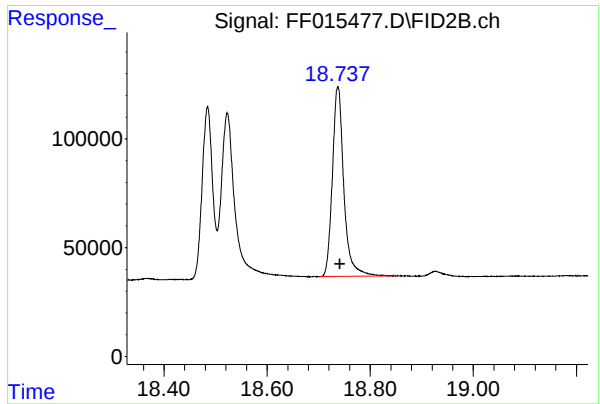
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: 0.000 min
Response: 1127231
Conc: 10.54 ug/ml m



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

R.T.: 18.523 min
Delta R.T.: -0.002 min
Response: 1336743
Conc: 10.93 ug/ml



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

R.T.: 18.737 min
Delta R.T.: -0.004 min
Response: 1349156
Conc: 10.82 ug/ml

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