

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020725AR\
 Data File : FF015484.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 10:40
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 10 00:31:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:23:26 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...	7.995	2552487	21.476 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
6) S 2-Fluorobiphenyl (SURR)	8.871	1566487	20.627 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.25%
11) S ortho-Terphenyl (SURR)	11.932	2783597	21.107 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	2905052	20.974 ug/ml
2) T Naphthalene (C11.7)	6.274	2892502	21.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.369	2773631	20.865 ug/ml
5) T Acenaphthylene (C15.06)	8.669	2835722	20.972 ug/ml
7) T Acenaphthene (C15.5)	8.968	2876028	21.407 ug/ml
8) T Flouorene (C16.55)	9.757	2700170	20.792 ug/ml
9) T Phenanthrene (C19.36)	11.164	2470851	20.355 ug/ml
10) T Anthracene (C19.43)	11.239	2260415	18.860 ug/ml
12) T Fluoranthene (C21.85)	12.986	2538068	20.866 ug/ml
13) T Pyrene (C20.8)	13.285	2556609	21.009 ug/ml
14) T Benzo[a]anthracene (C...	15.168	2063654	18.924 ug/ml
15) T Chrysene (C27.41)	15.210	2643159	22.168 ug/ml
16) T benzo[b]fluoranthene ...	16.728	2335976	20.239 ug/ml
17) T Bnezo[k]fluoranthene ...	16.759	2632039	21.795 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	2369929	21.122 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.482	2091999	18.978 ug/mlm
20) T Dibenz[a,h]anthracene...	18.522	2636048	21.357 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	2600552	20.313 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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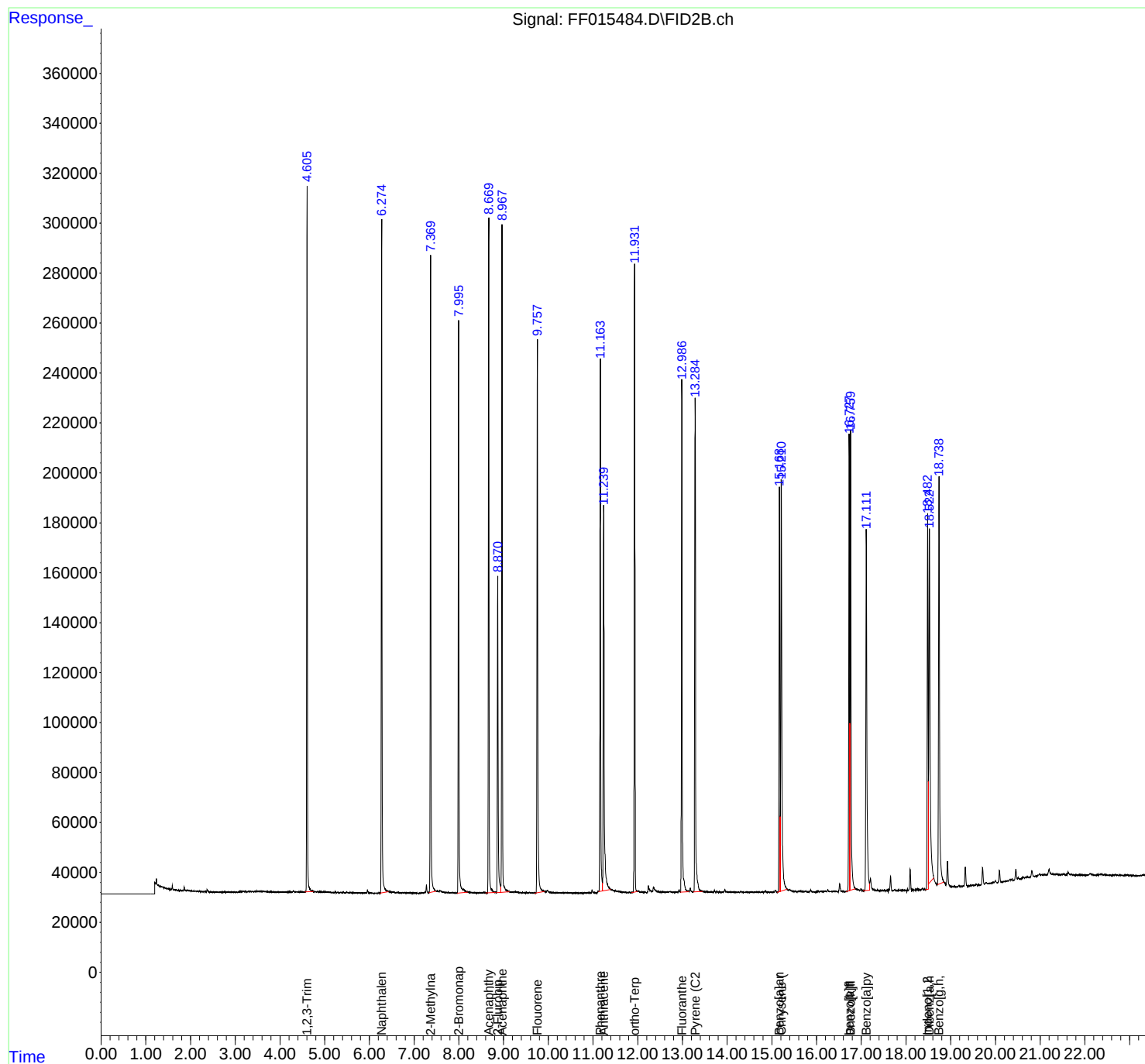
Instrument :
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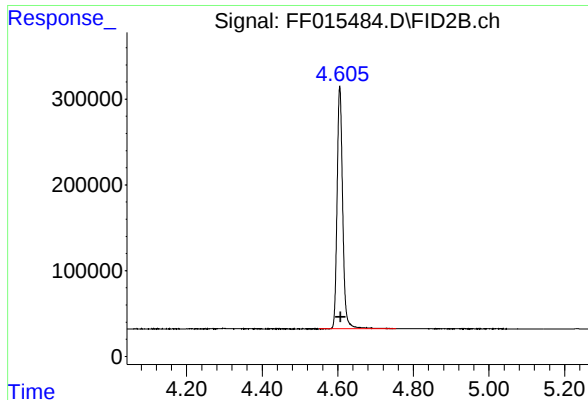
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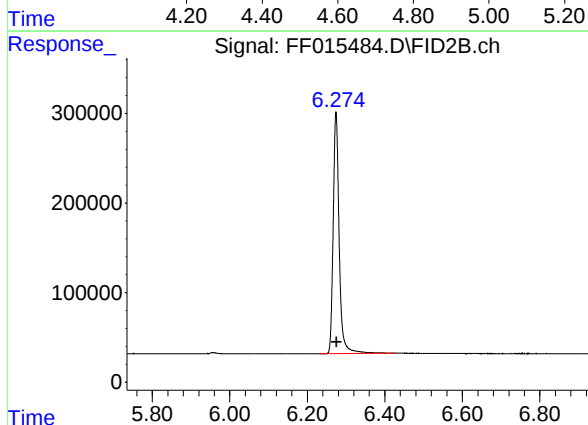
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.605 min
Delta R.T.: -0.002 min
Response: 2905052
Conc: 20.97 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD

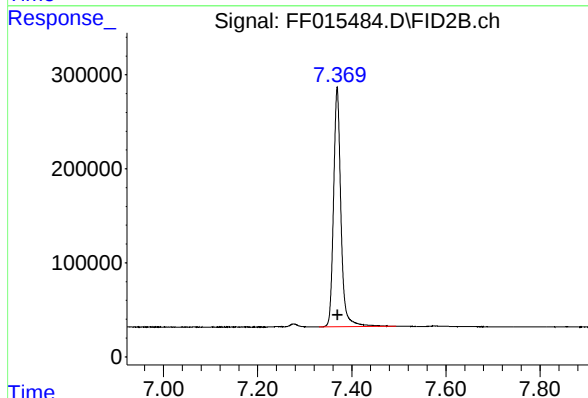
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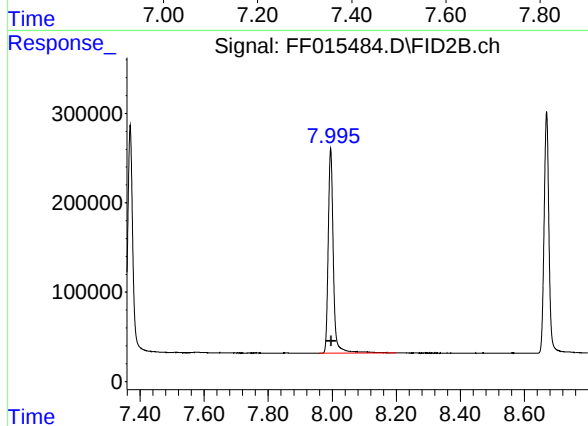
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.002 min
Response: 2892502
Conc: 21.00 ug/ml



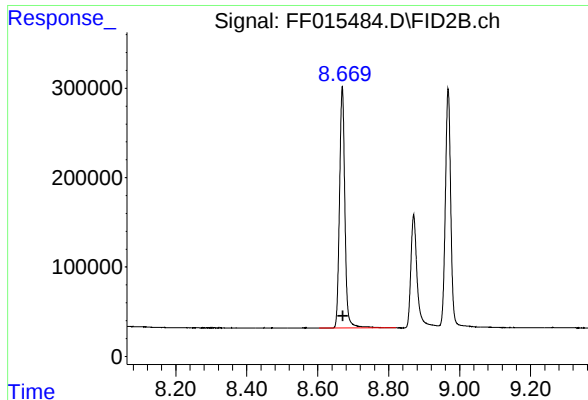
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min
Delta R.T.: -0.001 min
Response: 2773631
Conc: 20.87 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 2552487
Conc: 21.48 ug/ml



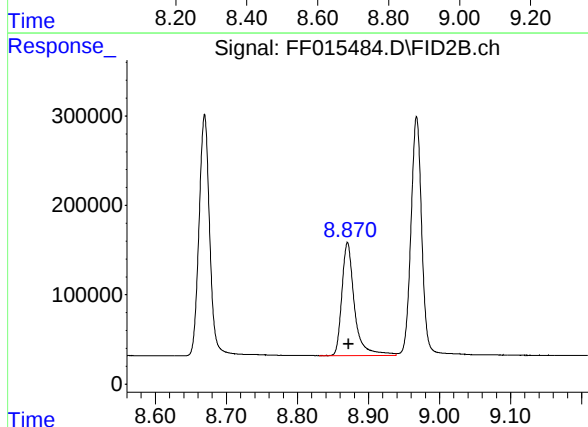
#5 Acenaphthylene (C15.06)

R.T.: 8.669 min
Delta R.T.: -0.002 min
Response: 2835722
Conc: 20.97 ug/ml

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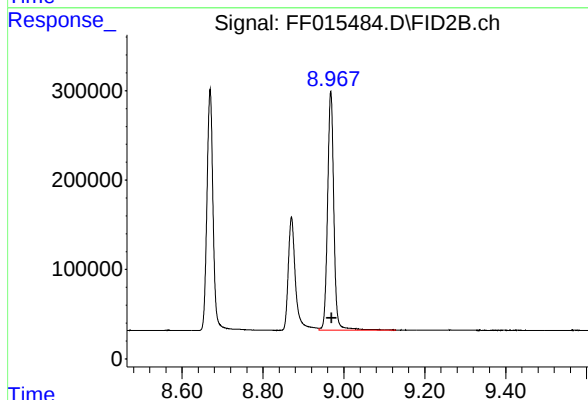
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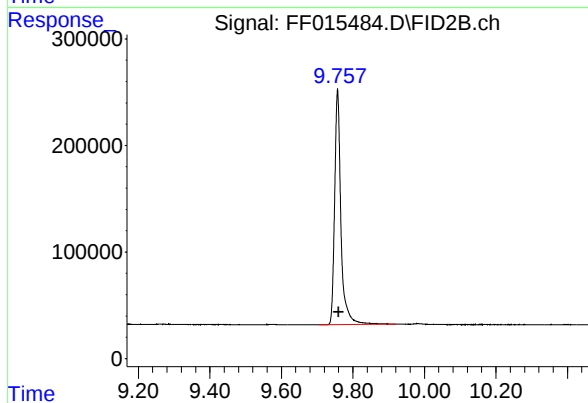
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: -0.001 min
Response: 1566487
Conc: 20.63 ug/ml



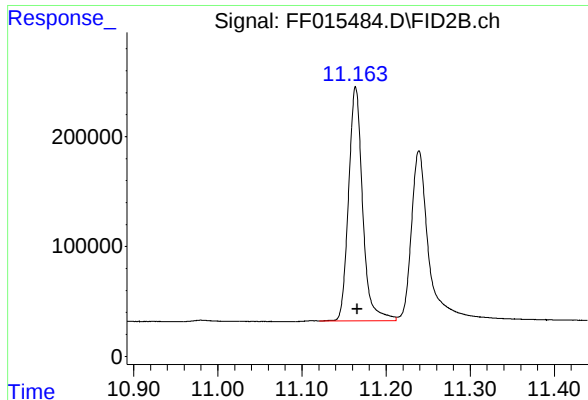
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: -0.002 min
Response: 2876028
Conc: 21.41 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.757 min
Delta R.T.: -0.003 min
Response: 2700170
Conc: 20.79 ug/ml



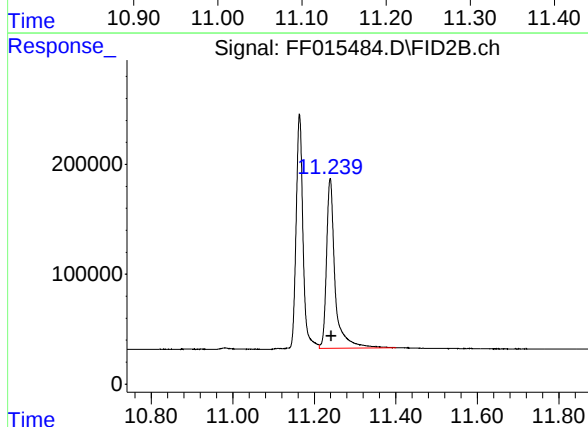
#9 Phenanthrene (C19.36)

R.T.: 11.164 min
Delta R.T.: -0.002 min
Response: 2470851
Conc: 20.36 ug/ml

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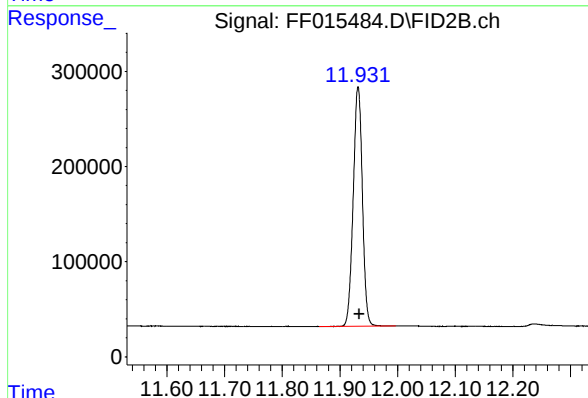
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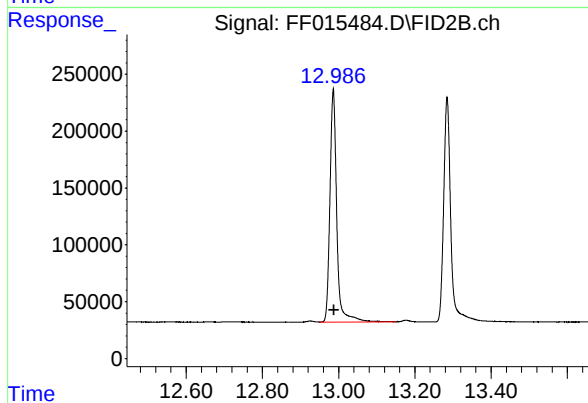
#10 Anthracene (C19.43)

R.T.: 11.239 min
Delta R.T.: -0.003 min
Response: 2260415
Conc: 18.86 ug/ml



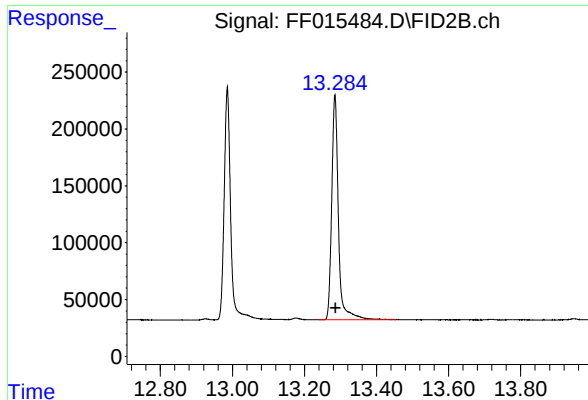
#11 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.002 min
Response: 2783597
Conc: 21.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.986 min
Delta R.T.: -0.003 min
Response: 2538068
Conc: 20.87 ug/ml



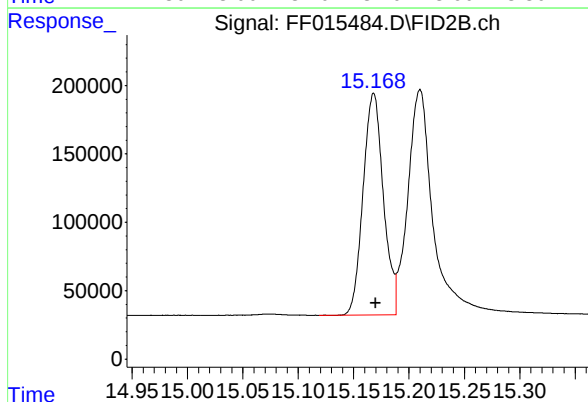
#13 Pyrene (C20.8)

R.T.: 13.285 min
Delta R.T.: -0.003 min
Response: 2556609
Conc: 21.01 ug/ml

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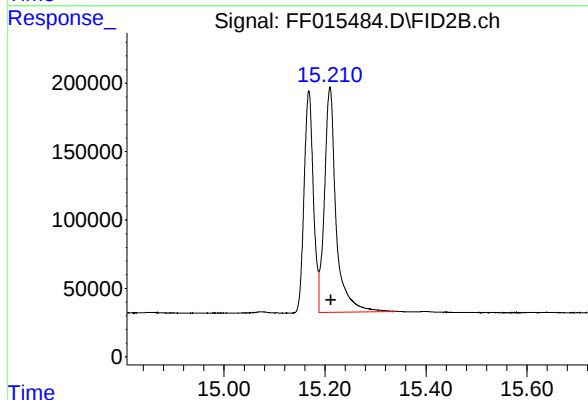
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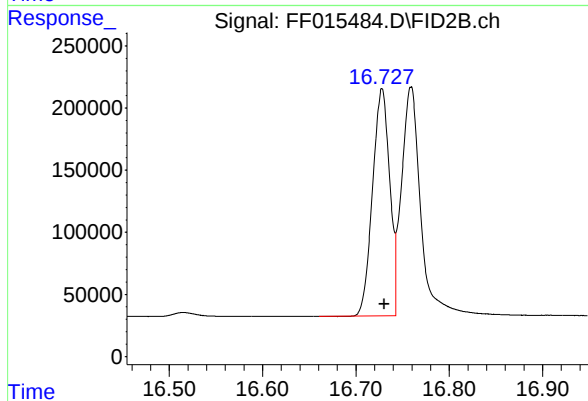
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.168 min
Delta R.T.: -0.002 min
Response: 2063654
Conc: 18.92 ug/ml



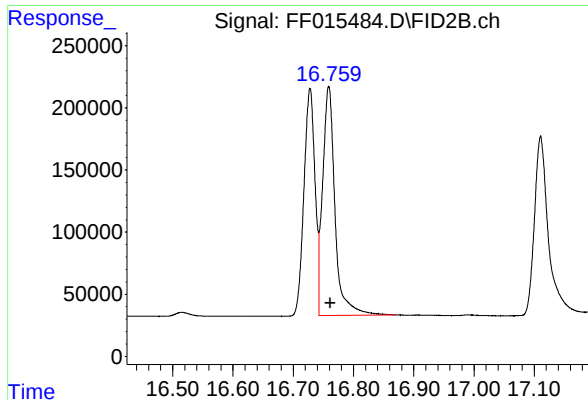
#15 Chrysene (C27.41)

R.T.: 15.210 min
Delta R.T.: -0.002 min
Response: 2643159
Conc: 22.17 ug/ml



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

R.T.: 16.728 min
Delta R.T.: -0.003 min
Response: 2335976
Conc: 20.24 ug/ml



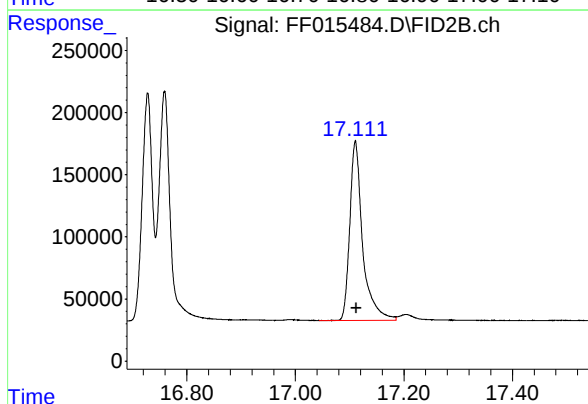
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.759 min
Delta R.T.: -0.003 min
Response: 2632039
Conc: 21.79 ug/ml

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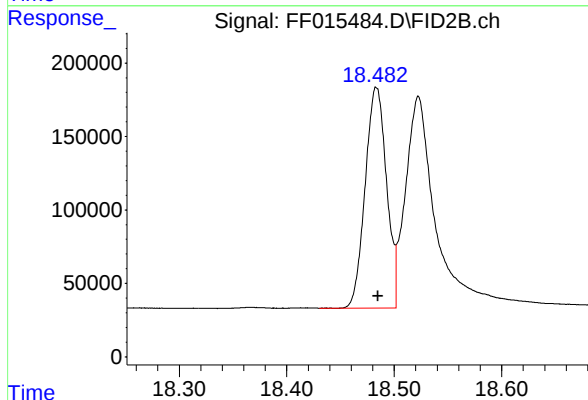
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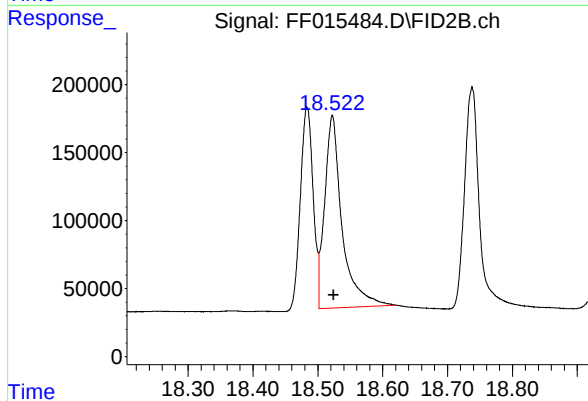
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: -0.002 min
Response: 2369929
Conc: 21.12 ug/ml



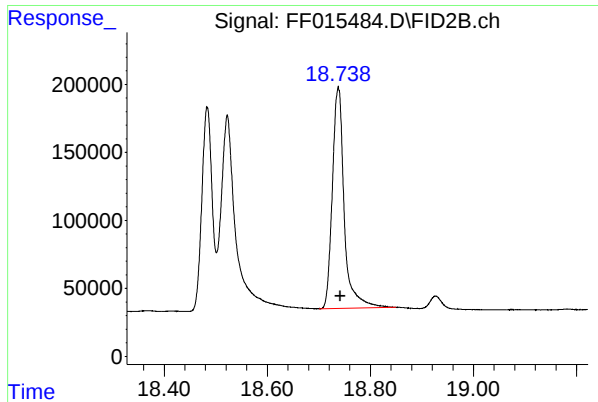
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.482 min
Delta R.T.: -0.003 min
Response: 2091999
Conc: 18.98 ug/ml m



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

R.T.: 18.522 min
Delta R.T.: -0.002 min
Response: 2636048
Conc: 21.36 ug/ml



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

R.T.: 18.738 min
Delta R.T.: -0.004 min
Response: 2600552
Conc: 20.31 ug/ml

Instrument :

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