

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016716.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 14:20
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/18/2025
 Supervised By :mohammad ahmed 11/19/2025

Integration File: autoint1.e
 Quant Time: Nov 18 00:47:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.008	2325843	20.524 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
6) S 2-Fluorobiphenyl (SURR)	8.884	1501528	21.053 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.11%
11) S ortho-Terphenyl (SURR)	11.952	2894909	19.713 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	2743720	20.843 ug/ml
2) T Naphthalene (C11.7)	6.278	2751763	20.801 ug/ml
3) T 2-Methylnaphthalene (...)	7.378	2767151	20.816 ug/ml
5) T Acenaphthylene (C15.06)	8.684	2748684	20.345 ug/ml
7) T Acenaphthene (C15.5)	8.983	2841540	20.672 ug/ml
8) T Flouorene (C16.55)	9.773	2681077	20.594 ug/ml
9) T Phenanthrene (C19.36)	11.181	2644834	20.002 ug/ml
10) T Anthracene (C19.43)	11.256	2605831	19.230 ug/ml
12) T Fluoranthene (C21.85)	13.006	2624096	19.121 ug/ml
13) T Pyrene (C20.8)	13.305	2532833	18.482 ug/ml
14) T Benzo[a]anthracene (C...	15.190	2280141	20.020 ug/ml
15) T Chrysene (C27.41)	15.233	2621879	18.580 ug/ml
16) T benzo[b]fluoranthene ...	16.754	2384889	21.459 ug/ml
17) T Bnezo[k]fluoranthene ...	16.786	2433598	19.924 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.136	2417227	22.025 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.514	2200487	25.572 ug/mlm
20) T Dibenz[a,h]anthracene...	18.552	2757087	20.935 ug/ml
21) T Benzo[g,h,i]perylene ...	18.770	2645751	24.966 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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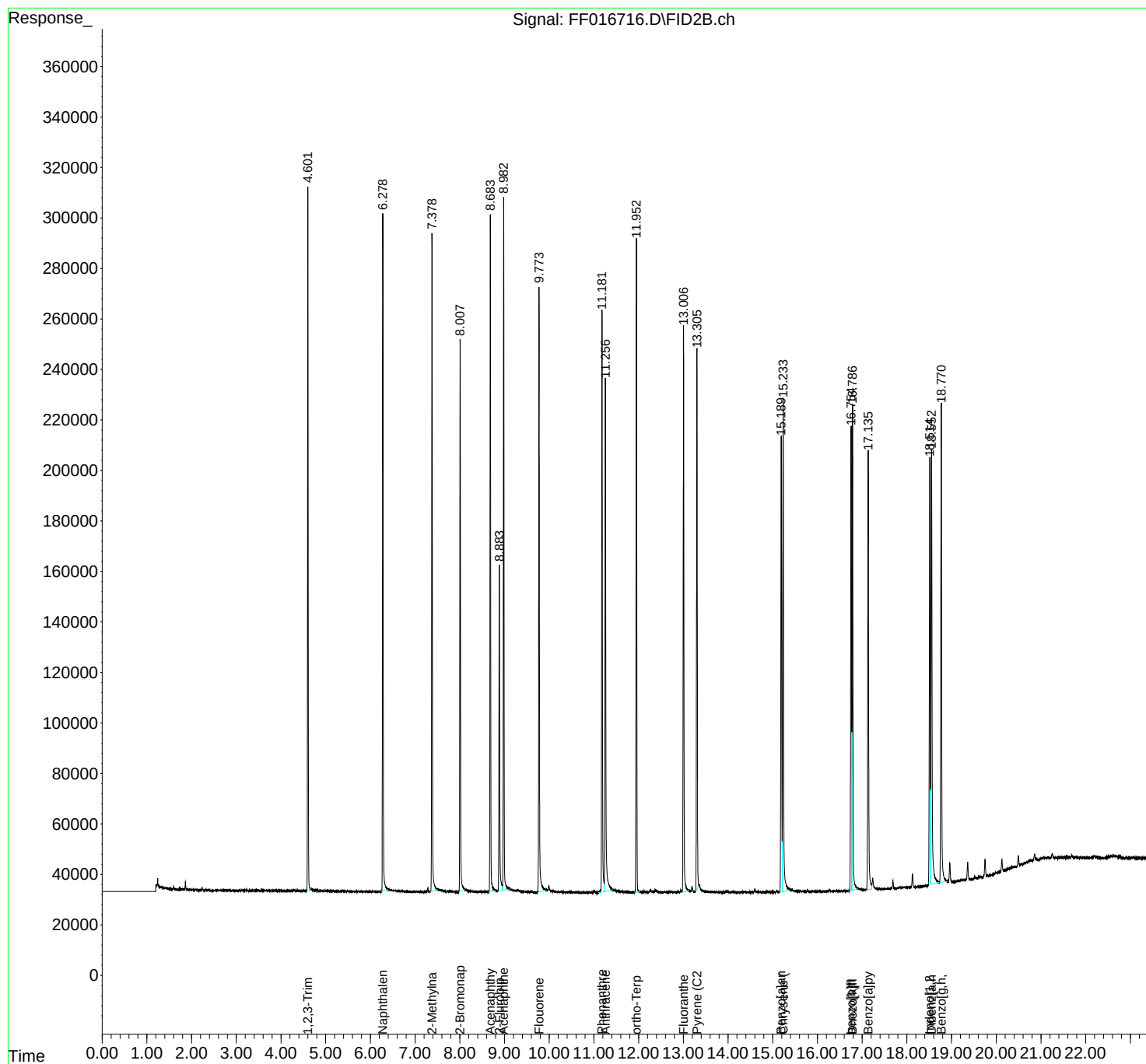
Instrument :
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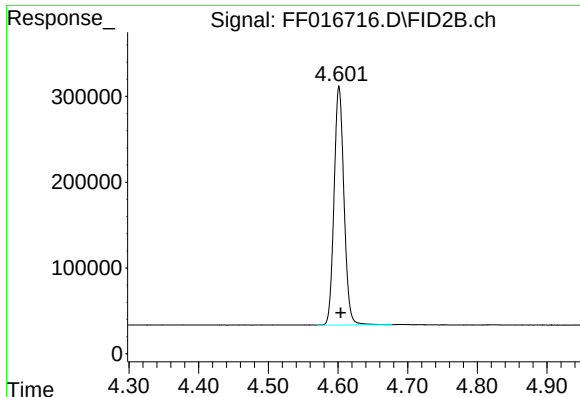
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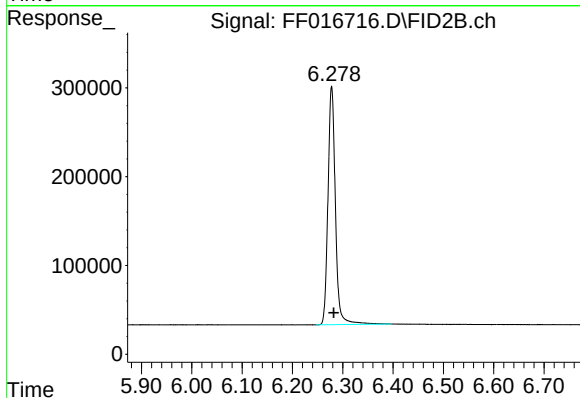
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 2743720
Conc: 20.84 ug/ml

Instrument :
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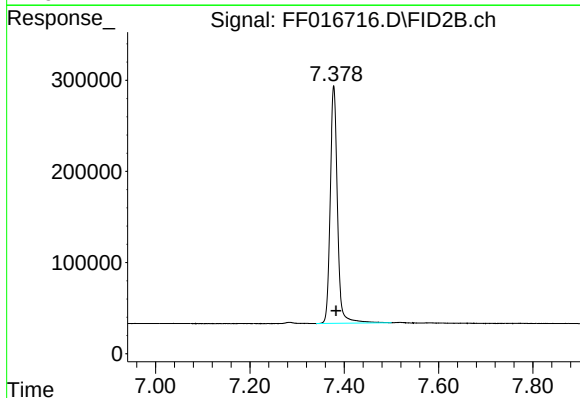
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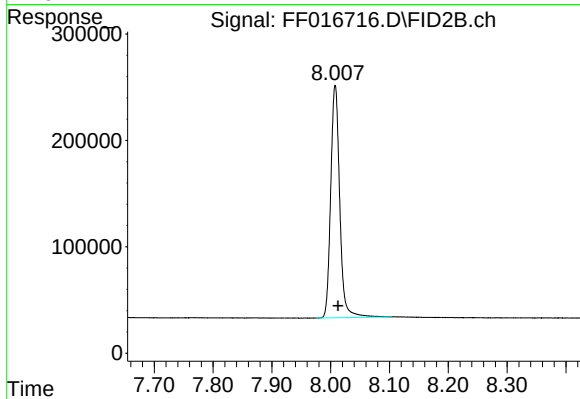
#2 Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.004 min
Response: 2751763
Conc: 20.80 ug/ml



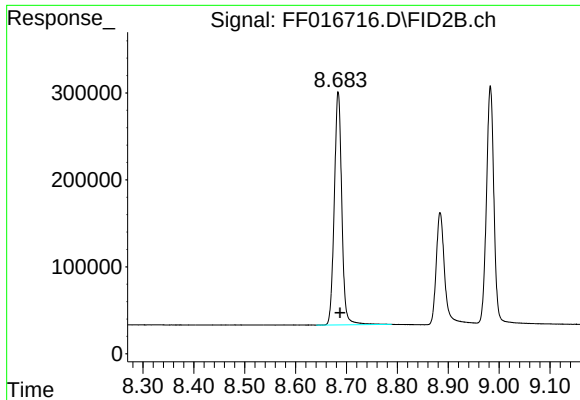
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: -0.005 min
Response: 2767151
Conc: 20.82 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.008 min
Delta R.T.: -0.005 min
Response: 2325843
Conc: 20.52 ug/ml



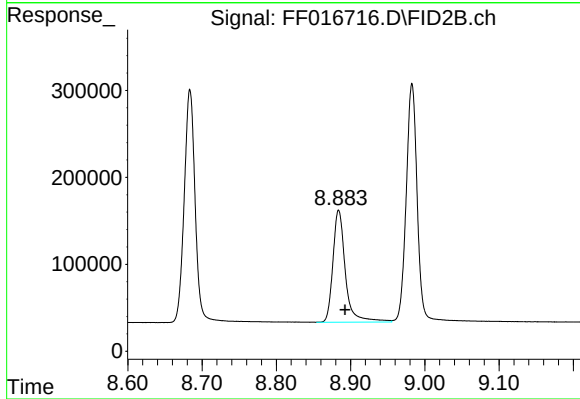
#5 Acenaphthylene (C15.06)

R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 2748684
Conc: 20.34 ug/ml

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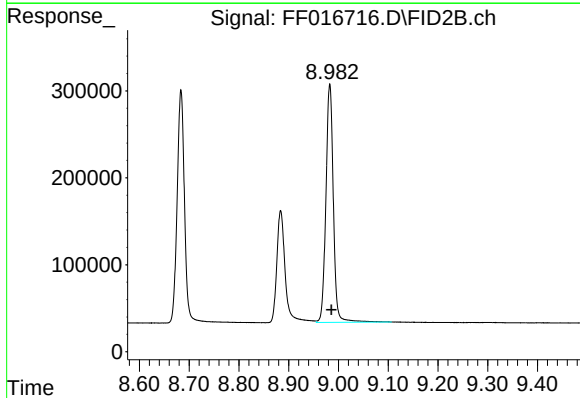
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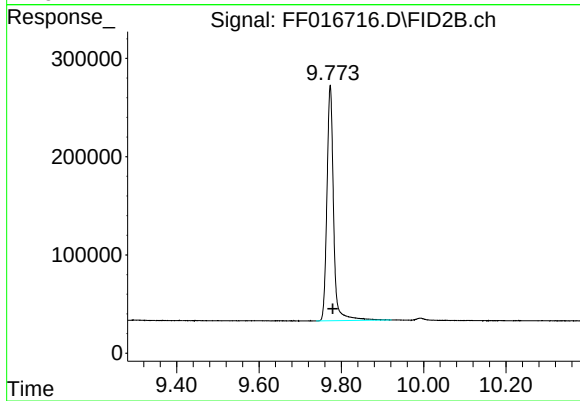
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.884 min
Delta R.T.: -0.008 min
Response: 1501528
Conc: 21.05 ug/ml



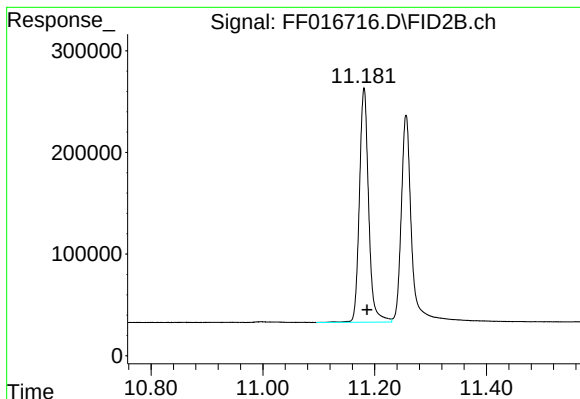
#7 Acenaphthene (C15.5)

R.T.: 8.983 min
Delta R.T.: -0.003 min
Response: 2841540
Conc: 20.67 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.773 min
Delta R.T.: -0.006 min
Response: 2681077
Conc: 20.59 ug/ml



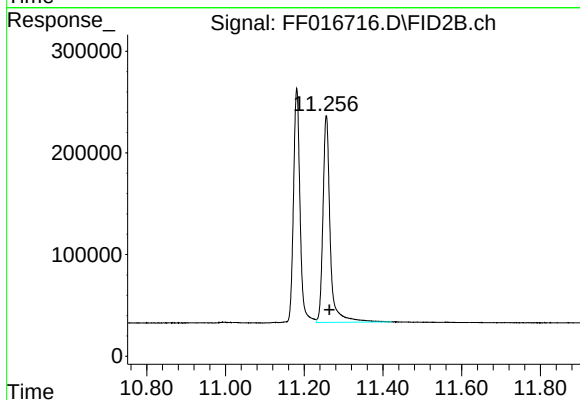
#9 Phenanthrene (C19.36)

R.T.: 11.181 min
Delta R.T.: -0.006 min
Response: 2644834
Conc: 20.00 ug/ml

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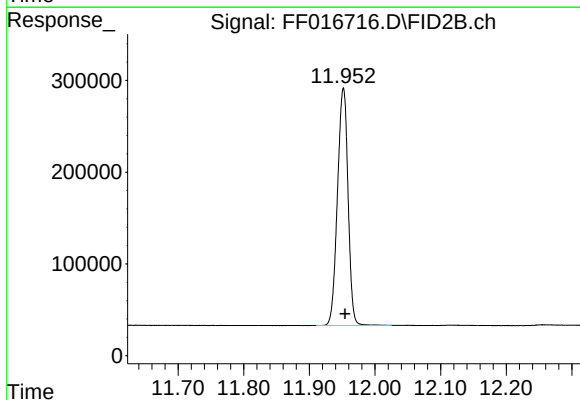
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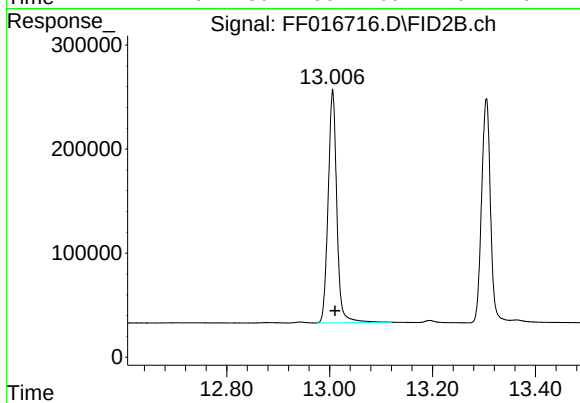
#10 Anthracene (C19.43)

R.T.: 11.256 min
Delta R.T.: -0.007 min
Response: 2605831
Conc: 19.23 ug/ml



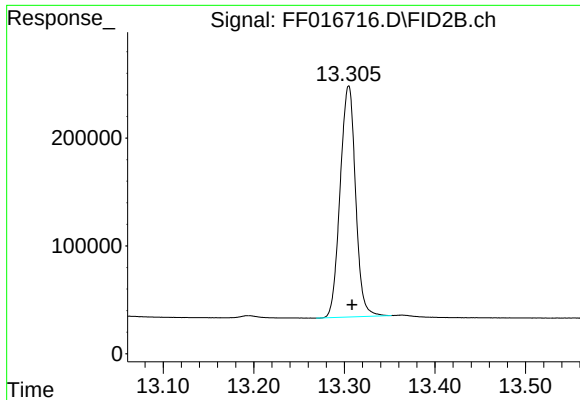
#11 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.003 min
Response: 2894909
Conc: 19.71 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.006 min
Delta R.T.: -0.005 min
Response: 2624096
Conc: 19.12 ug/ml



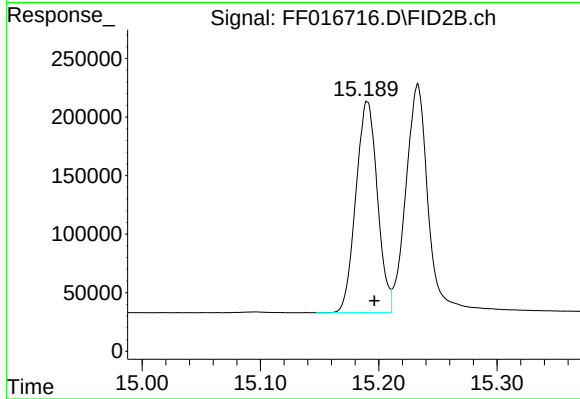
#13 Pyrene (C20.8)

R.T.: 13.305 min
Delta R.T.: -0.004 min
Response: 2532833
Conc: 18.48 ug/ml

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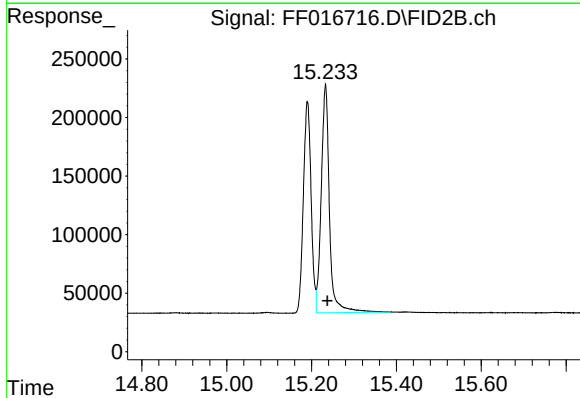
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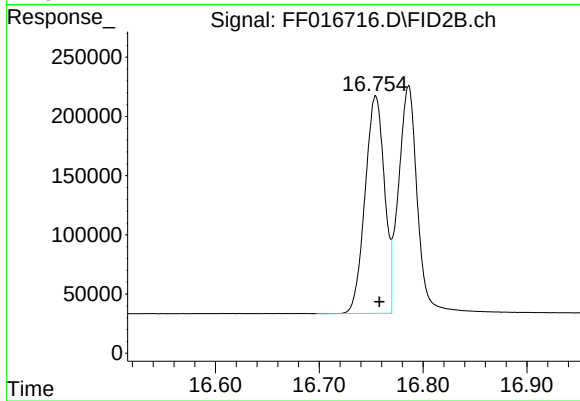
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.190 min
Delta R.T.: -0.006 min
Response: 2280141
Conc: 20.02 ug/ml



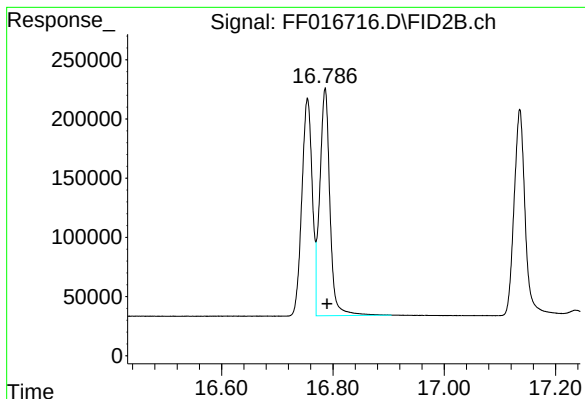
#15 Chrysene (C27.41)

R.T.: 15.233 min
Delta R.T.: -0.005 min
Response: 2621879
Conc: 18.58 ug/ml



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

R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 2384889
Conc: 21.46 ug/ml



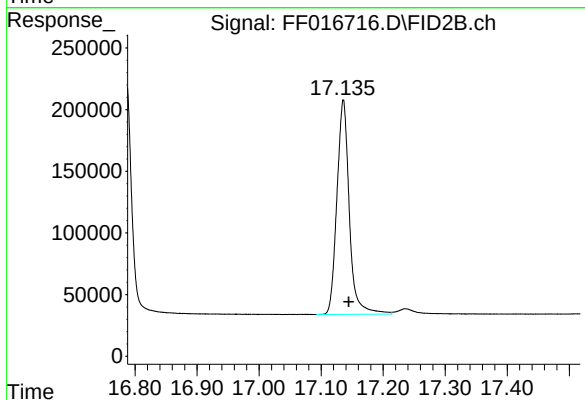
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.786 min
Delta R.T.: -0.004 min
Response: 2433598
Conc: 19.92 ug/ml

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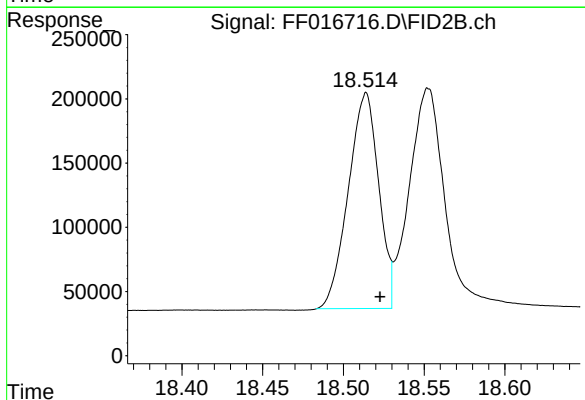
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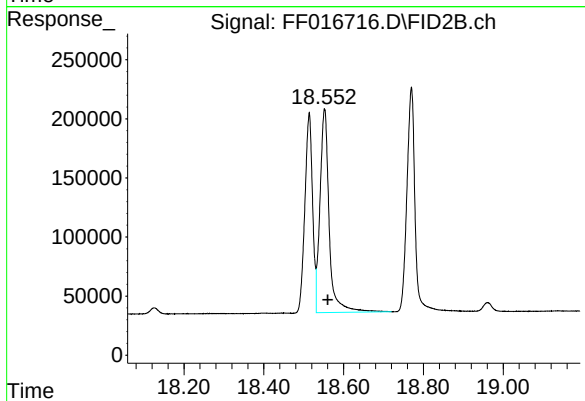
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.136 min
Delta R.T.: -0.009 min
Response: 2417227
Conc: 22.02 ug/ml



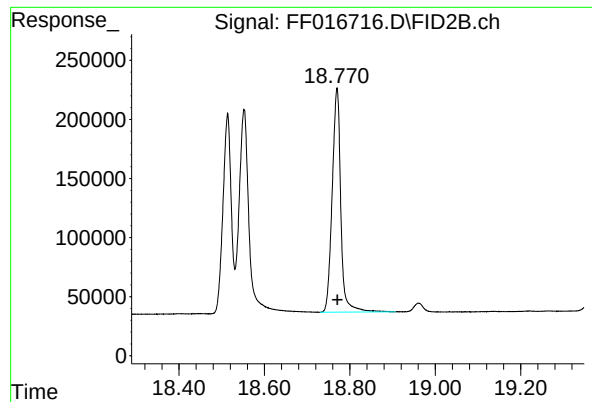
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.514 min
Delta R.T.: -0.009 min
Response: 2200487
Conc: 25.57 ug/ml m



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

R.T.: 18.552 min
Delta R.T.: -0.008 min
Response: 2757087
Conc: 20.94 ug/ml



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

R.T.: 18.770 min
Delta R.T.: -0.001 min
Response: 2645751
Conc: 24.97 ug/ml

Instrument :

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