

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
 Data File : FD049617.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2025 12:34
 Operator : YP/AJ
 Sample : PB169209BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169209BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2025
 Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
 Quant Time: Aug 13 00:28:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.716	6106769	59.586 ug/ml
Spiked Amount 50.000		Recovery =	119.17%
6) S 2-Fluorobiphenyl (SURR)	8.582	4259317	58.310 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.62%
11) S ortho-Terphenyl (SURR)	11.629	6244860	48.113 ug/ml
Spiked Amount 50.000		Recovery =	96.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	3765450	37.201 ug/ml
2) T Naphthalene (C11.7)	6.051	4807863	41.932 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	4863886	40.773 ug/ml
5) T Acenaphthylene (C15.06)	8.385	5876953	46.749 ug/ml
7) T Acenaphthene (C15.5)	8.682	5972322	47.499 ug/ml
8) T Flouorene (C16.55)	9.464	6381063	50.400 ug/ml
9) T Phenanthrene (C19.36)	10.863	6504134	50.350 ug/ml
10) T Anthracene (C19.43)	10.938	5634301	45.735 ug/ml
12) T Fluoranthene (C21.85)	12.678	6597092	51.533 ug/ml
13) T Pyrene (C20.8)	12.976	6458871	50.871 ug/ml
14) T Benzo[a]anthracene (C...	14.849	6109228	52.942 ug/ml
15) T Chrysene (C27.41)	14.893	6654389	56.835 ug/ml
16) T benzo[b]fluoranthene ...	16.400	5988801	52.656 ug/ml
17) T Bnezo[k]fluoranthene ...	16.436	5830935	54.471 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.780	5545905	49.992 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.147	5700600	55.304 ug/ml
20) T Dibenz[a,h]anthracene...	18.185	5348233	49.067 ug/ml
21) T Benzo[g,h,i]perylene ...	18.404	5157050	47.193 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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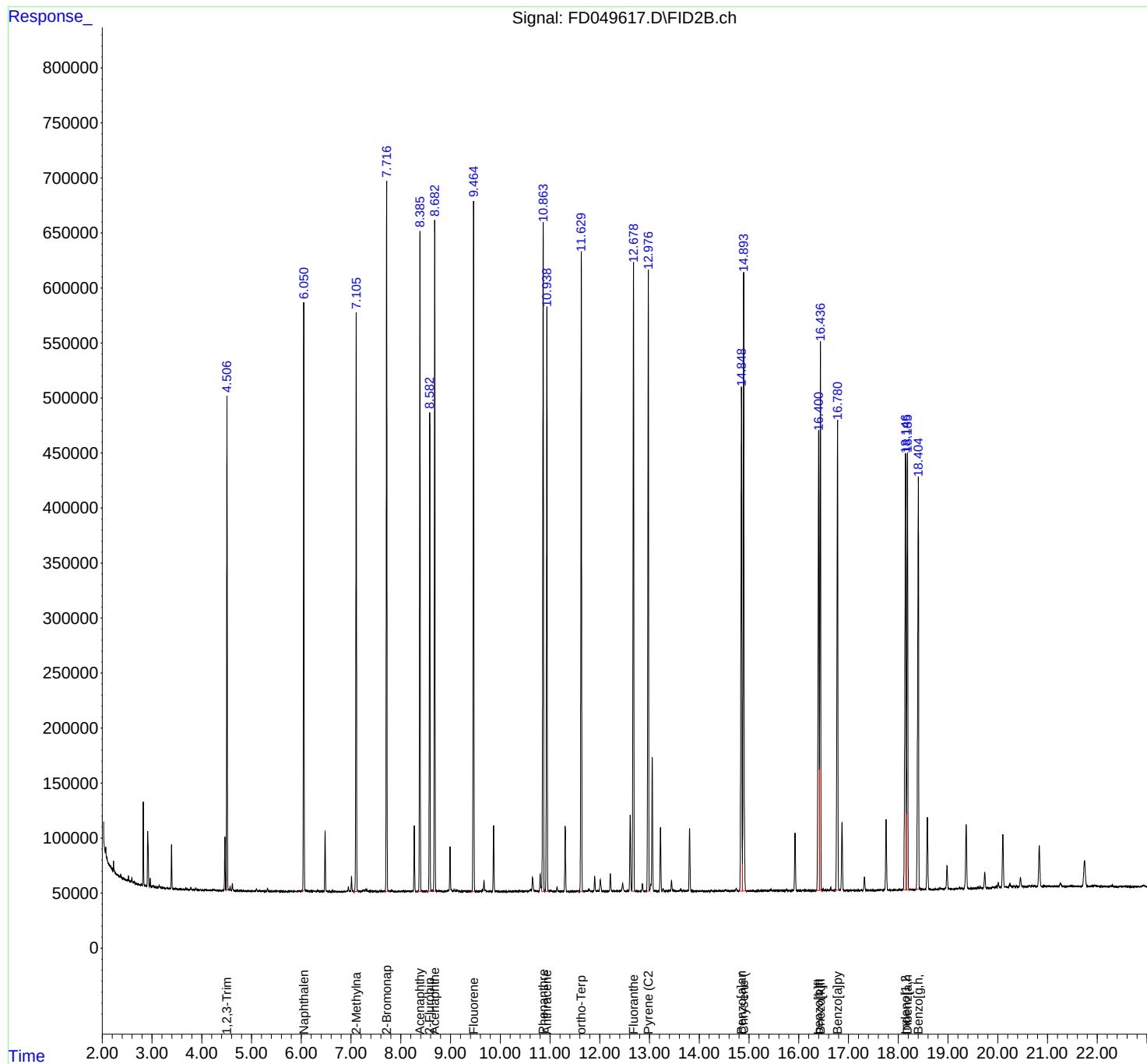
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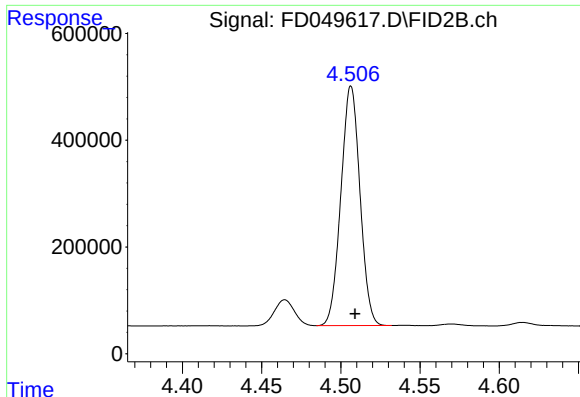
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 3765450
Conc: 37.20 ug/ml

Instrument :

FID_D

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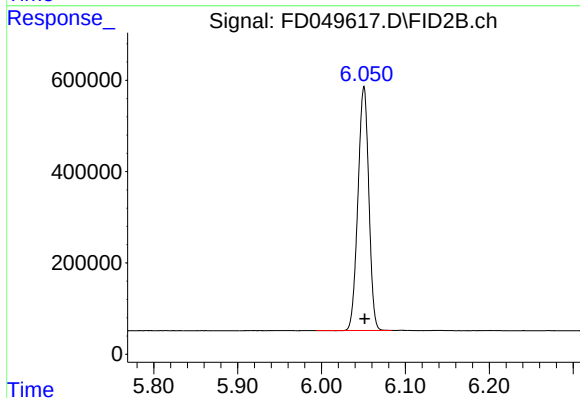
PB169209BS

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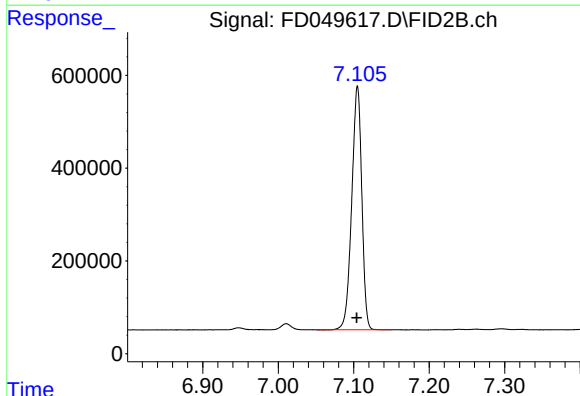
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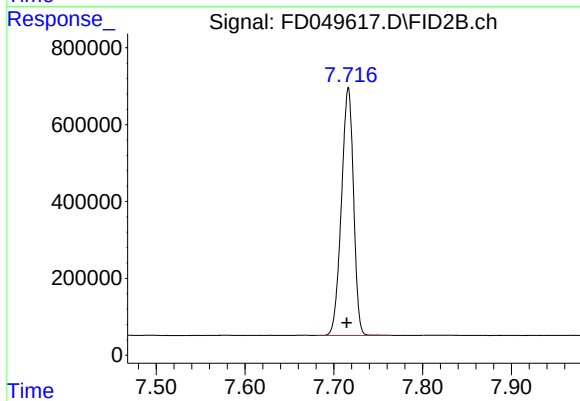
#2 Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 4807863
Conc: 41.93 ug/ml



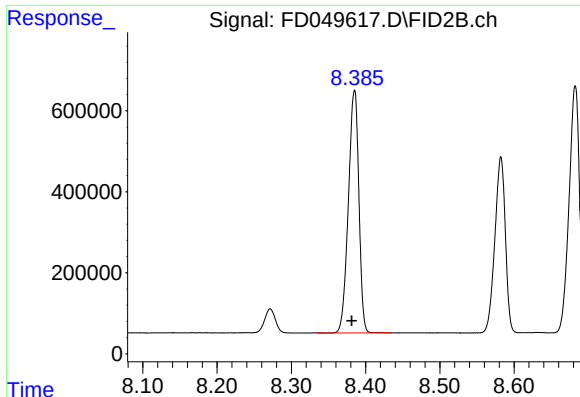
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: 0.001 min
Response: 4863886
Conc: 40.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.716 min
Delta R.T.: 0.002 min
Response: 6106769
Conc: 59.59 ug/ml



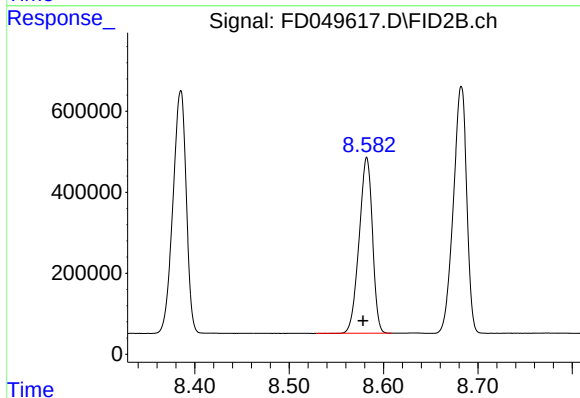
#5 Acenaphthylene (C15.06)

R.T.: 8.385 min
Delta R.T.: 0.004 min
Response: 5876953
Conc: 46.75 ug/ml

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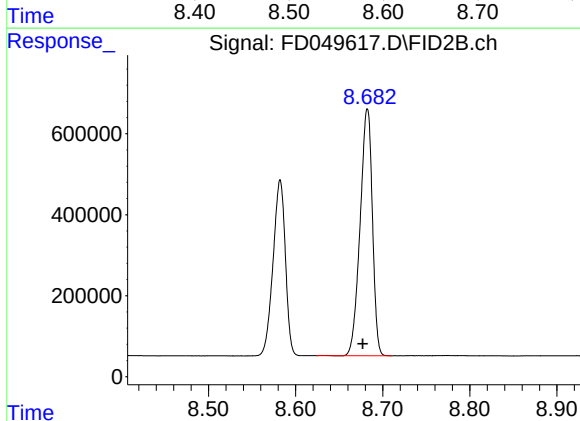
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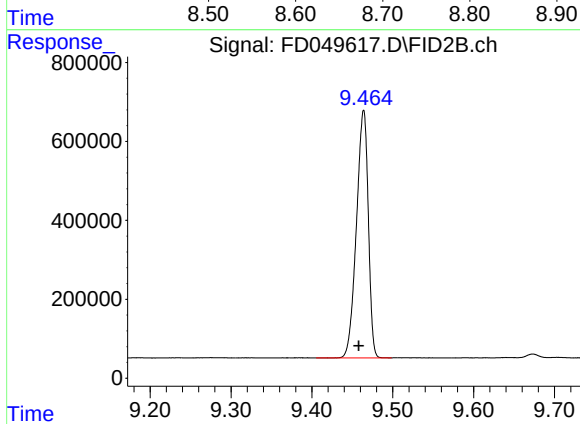
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.582 min
Delta R.T.: 0.004 min
Response: 4259317
Conc: 58.31 ug/ml



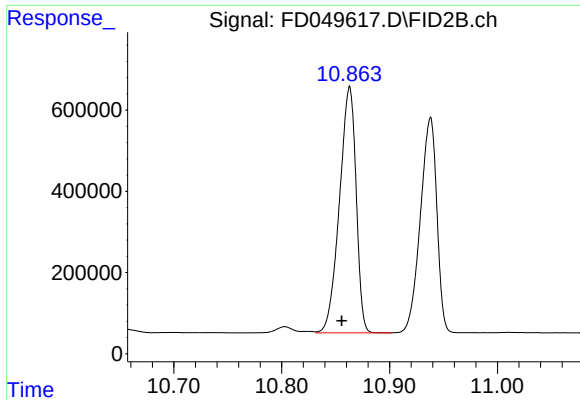
#7 Acenaphthene (C15.5)

R.T.: 8.682 min
Delta R.T.: 0.005 min
Response: 5972322
Conc: 47.50 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.464 min
Delta R.T.: 0.006 min
Response: 6381063
Conc: 50.40 ug/ml



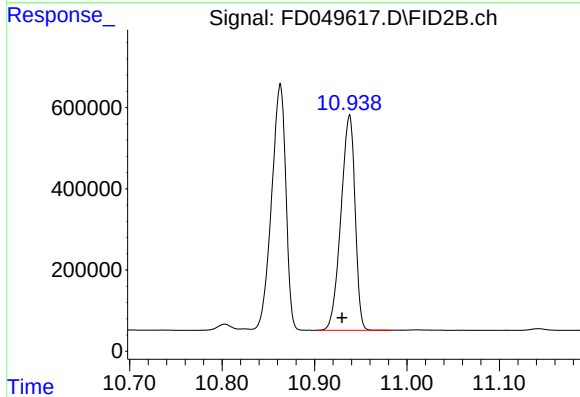
#9 Phenanthrene (C19.36)

R.T.: 10.863 min
Delta R.T.: 0.007 min
Response: 6504134
Conc: 50.35 ug/ml

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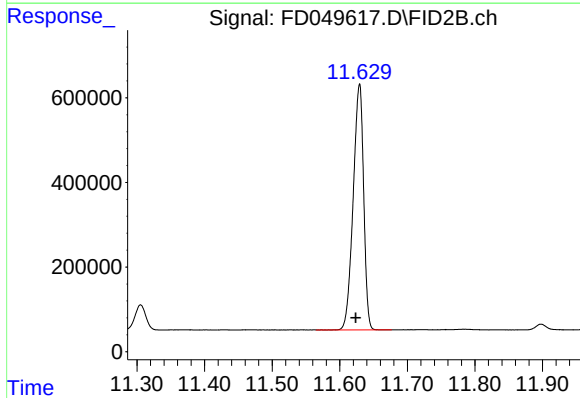
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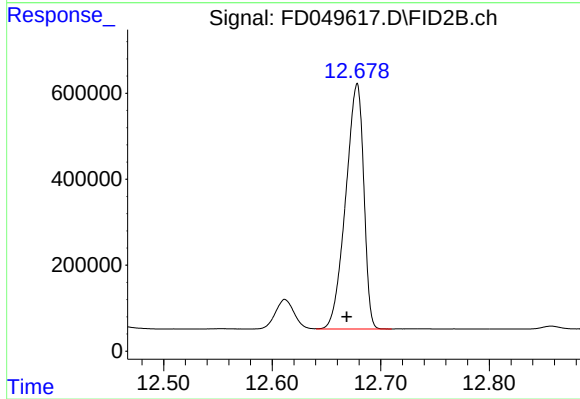
#10 Anthracene (C19.43)

R.T.: 10.938 min
Delta R.T.: 0.008 min
Response: 5634301
Conc: 45.74 ug/ml



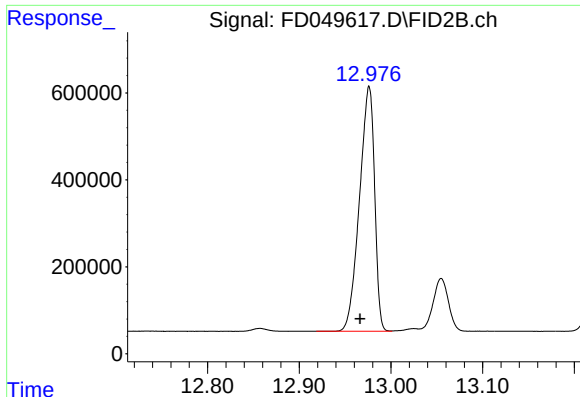
#11 ortho-Terphenyl (SURR)

R.T.: 11.629 min
Delta R.T.: 0.006 min
Response: 6244860
Conc: 48.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.678 min
Delta R.T.: 0.010 min
Response: 6597092
Conc: 51.53 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.976 min
Delta R.T.: 0.010 min
Response: 6458871
Conc: 50.87 ug/ml

Instrument :

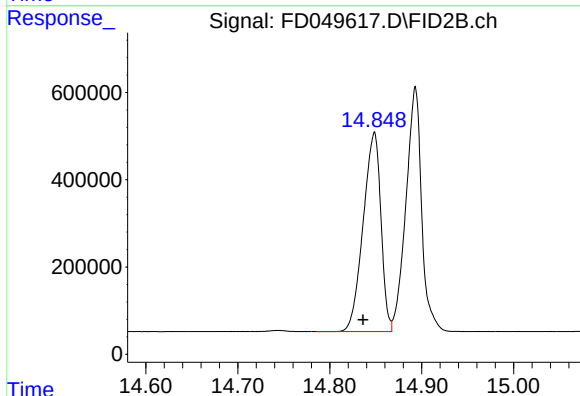
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ClientSampleId :

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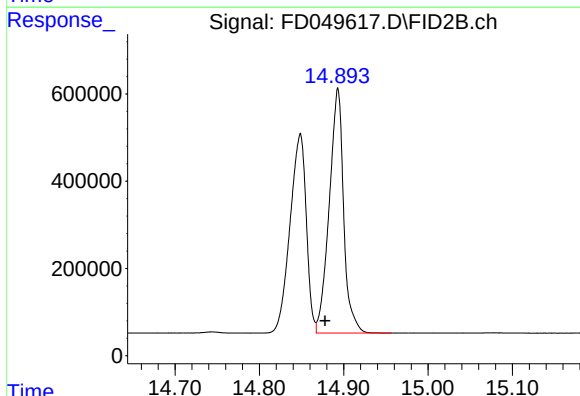
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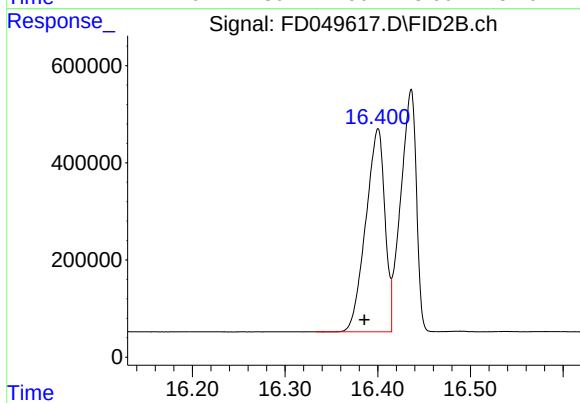
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.849 min
Delta R.T.: 0.012 min
Response: 6109228
Conc: 52.94 ug/ml



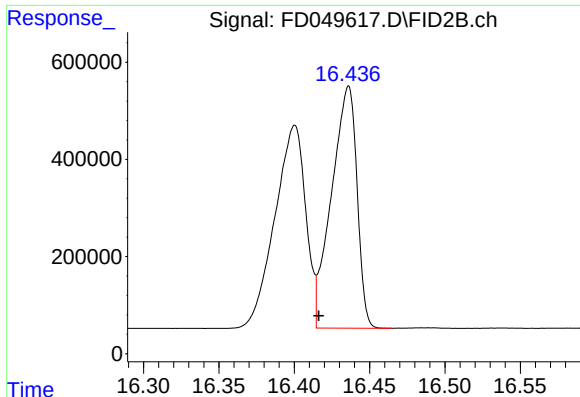
#15 Chrysene (C27.41)

R.T.: 14.893 min
Delta R.T.: 0.015 min
Response: 6654389
Conc: 56.84 ug/ml



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

R.T.: 16.400 min
Delta R.T.: 0.015 min
Response: 5988801
Conc: 52.66 ug/ml



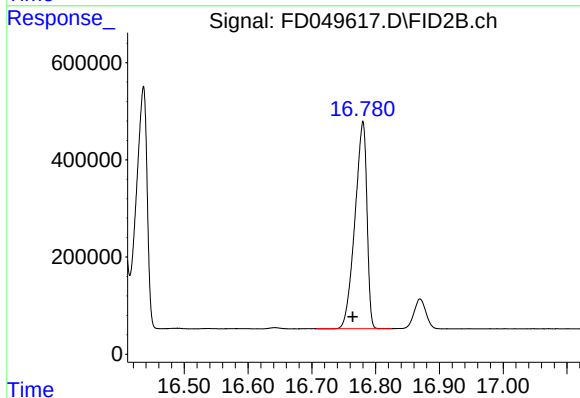
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.436 min
Delta R.T.: 0.020 min
Response: 5830935
Conc: 54.47 ug/ml

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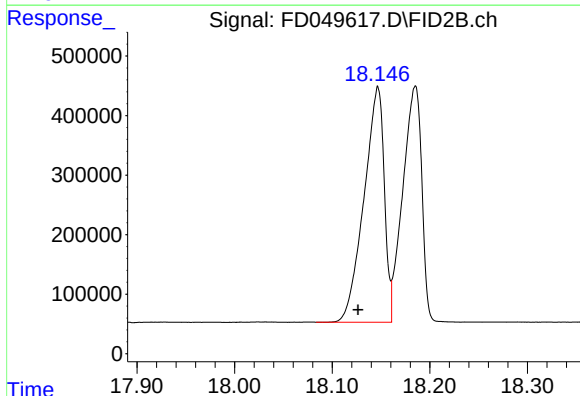
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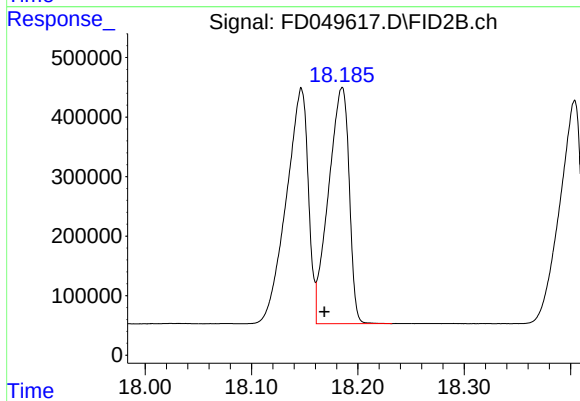
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.780 min
Delta R.T.: 0.016 min
Response: 5545905
Conc: 49.99 ug/ml



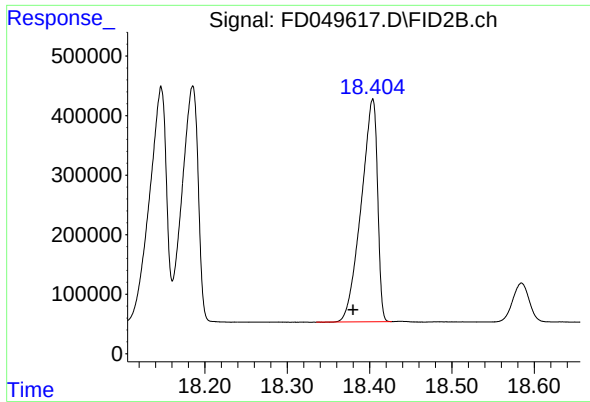
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.147 min
Delta R.T.: 0.020 min
Response: 5700600
Conc: 55.30 ug/ml



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

R.T.: 18.185 min
Delta R.T.: 0.017 min
Response: 5348233
Conc: 49.07 ug/ml



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

R.T.: 18.404 min
Delta R.T.: 0.024 min
Response: 5157050
Conc: 47.19 ug/ml

Instrument :

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