

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
 Data File : FD049618.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2025 13:21
 Operator : YP/AJ
 Sample : PB169209BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169209BSD

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 00:29:14 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	6002853	58.572 ug/ml
Spiked Amount 50.000		Recovery =	117.14%
6) S 2-Fluorobiphenyl (SURR)	8.582	4201948	57.525 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.05%
11) S ortho-Terphenyl (SURR)	11.628	6166738	47.511 ug/ml
Spiked Amount 50.000		Recovery =	95.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	3734822	36.898 ug/ml
2) T Naphthalene (C11.7)	6.050	4742606	41.363 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	4778473	40.057 ug/ml
5) T Acenaphthylene (C15.06)	8.385	5792223	46.075 ug/ml
7) T Acenaphthene (C15.5)	8.682	5875929	46.732 ug/ml
8) T Flouorene (C16.55)	9.464	6288391	49.668 ug/ml
9) T Phenanthrene (C19.36)	10.863	6446399	49.903 ug/ml
10) T Anthracene (C19.43)	10.938	5595750	45.423 ug/ml
12) T Fluoranthene (C21.85)	12.679	6585128	51.440 ug/ml
13) T Pyrene (C20.8)	12.977	6458445	50.868 ug/ml
14) T Benzo[a]anthracene (C...	14.849	6181244	53.566 ug/ml
15) T Chrysene (C27.41)	14.894	6717274	57.372 ug/ml
16) T benzo[b]fluoranthene ...	16.401	6073723	53.403 ug/ml
17) T Bnezo[k]fluoranthene ...	16.437	5904550	55.158 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.781	5652217	50.950 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	5839311	56.649 ug/ml
20) T Dibenz[a,h]anthracene...	18.186	5503488	50.492 ug/ml
21) T Benzo[g,h,i]perylene ...	18.404	5265641	48.187 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB169209BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

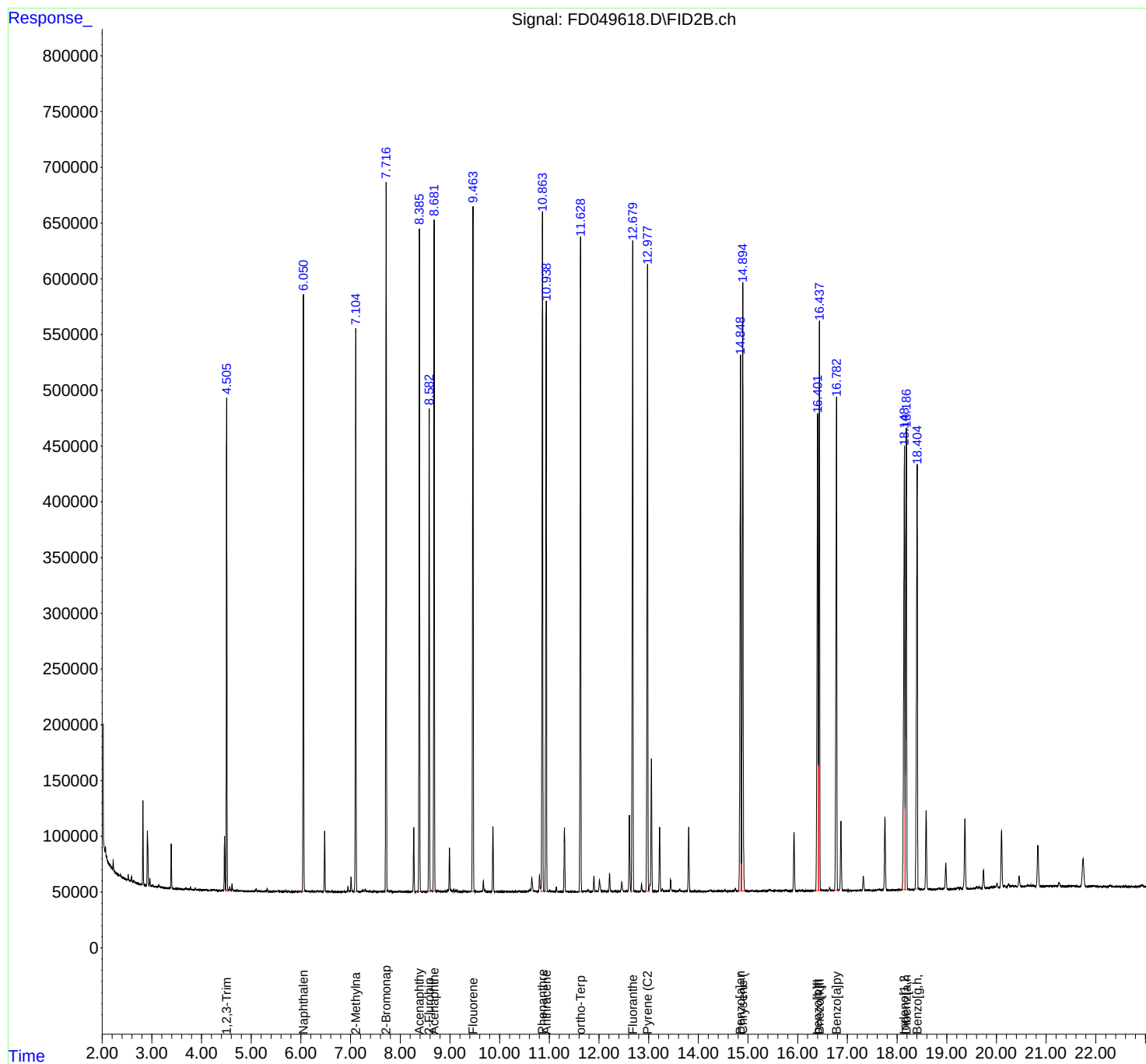
Instrument :
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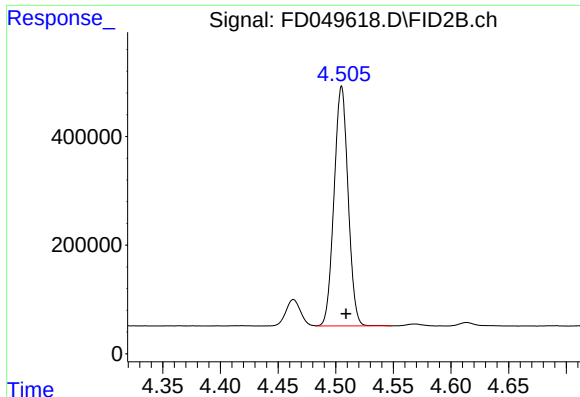
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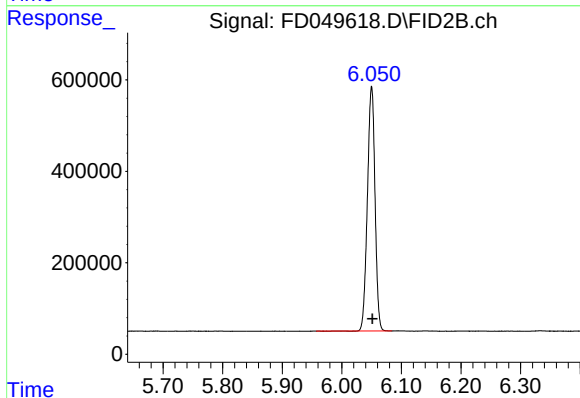
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.505 min
Delta R.T.: -0.004 min
Response: 3734822
Conc: 36.90 ug/ml

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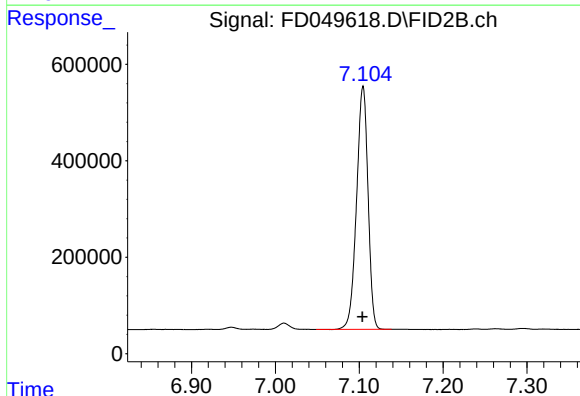
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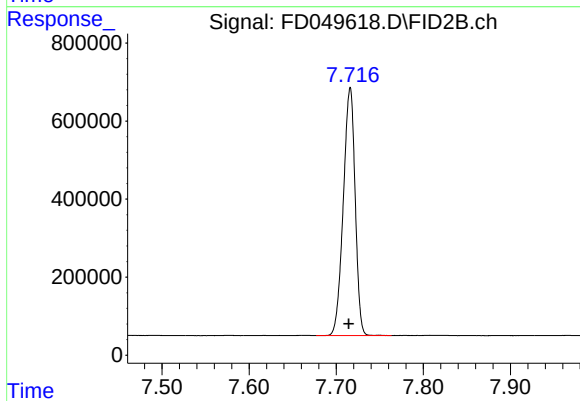
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 4742606
Conc: 41.36 ug/ml



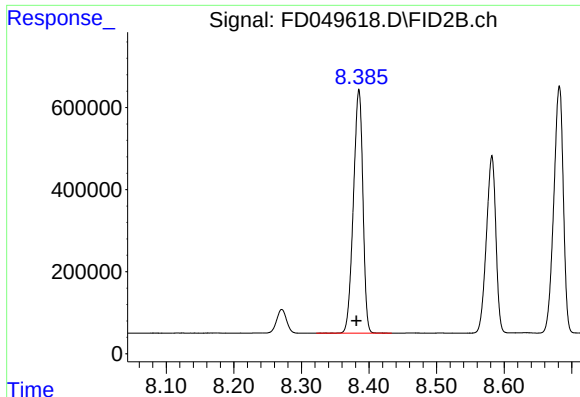
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 4778473
Conc: 40.06 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.716 min
Delta R.T.: 0.002 min
Response: 6002853
Conc: 58.57 ug/ml



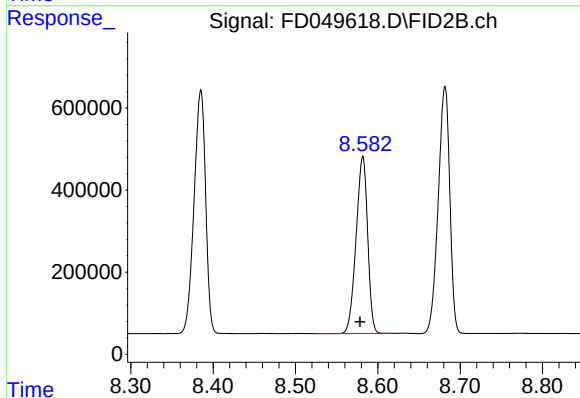
#5 Acenaphthylene (C15.06)

R.T.: 8.385 min
Delta R.T.: 0.004 min
Response: 5792223
Conc: 46.08 ug/ml

Instrument :
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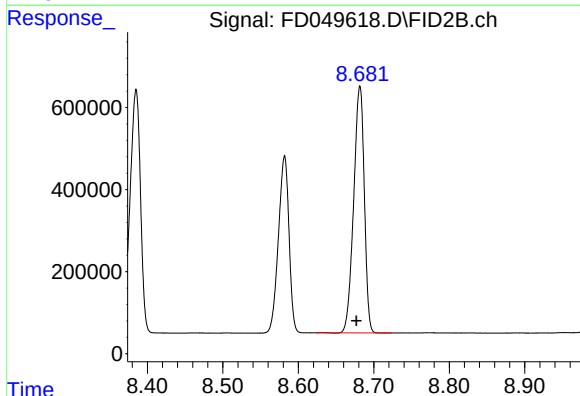
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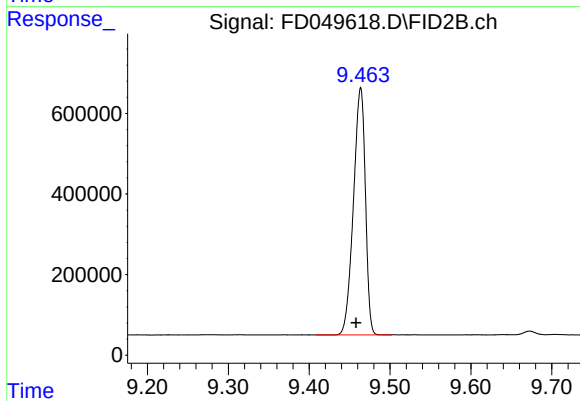
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.582 min
Delta R.T.: 0.003 min
Response: 4201948
Conc: 57.52 ug/ml



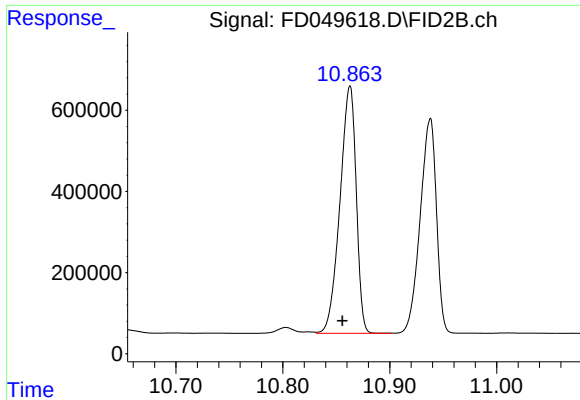
#7 Acenaphthene (C15.5)

R.T.: 8.682 min
Delta R.T.: 0.005 min
Response: 5875929
Conc: 46.73 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.464 min
Delta R.T.: 0.006 min
Response: 6288391
Conc: 49.67 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.863 min
Delta R.T.: 0.007 min
Response: 6446399
Conc: 49.90 ug/ml

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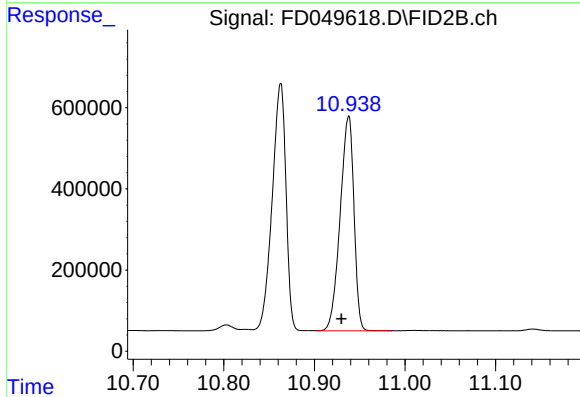
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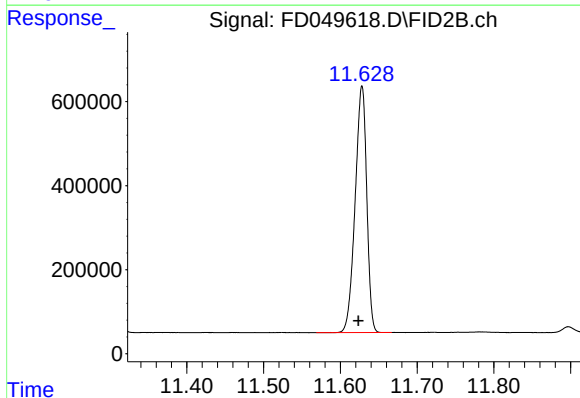
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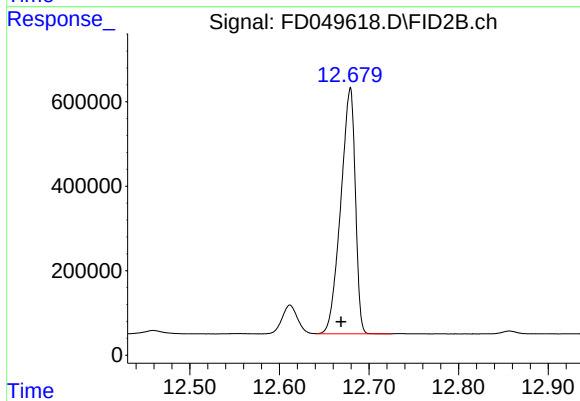
#10 Anthracene (C19.43)

R.T.: 10.938 min
Delta R.T.: 0.008 min
Response: 5595750
Conc: 45.42 ug/ml



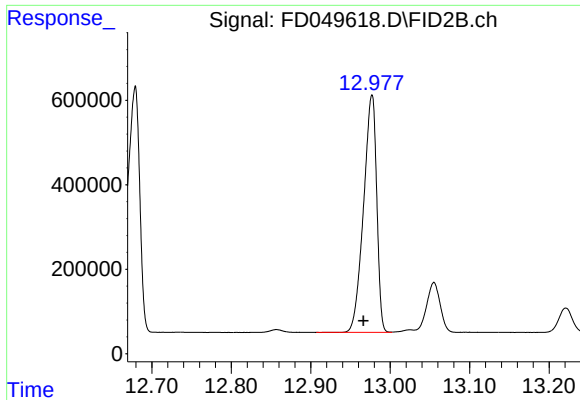
#11 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: 0.005 min
Response: 6166738
Conc: 47.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.679 min
Delta R.T.: 0.010 min
Response: 6585128
Conc: 51.44 ug/ml



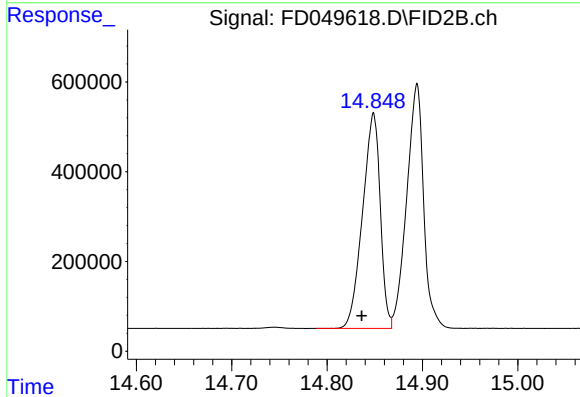
#13 Pyrene (C20.8)

R.T.: 12.977 min
Delta R.T.: 0.011 min
Response: 6458445
Conc: 50.87 ug/ml

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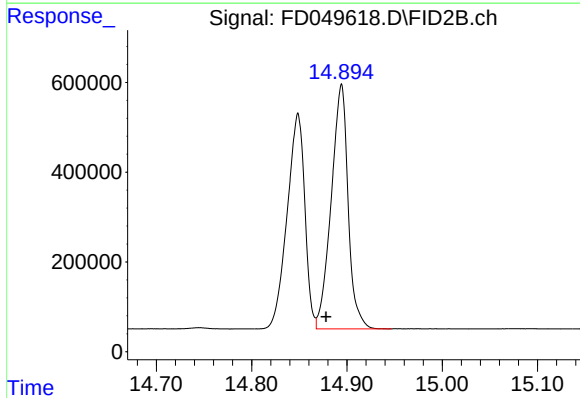
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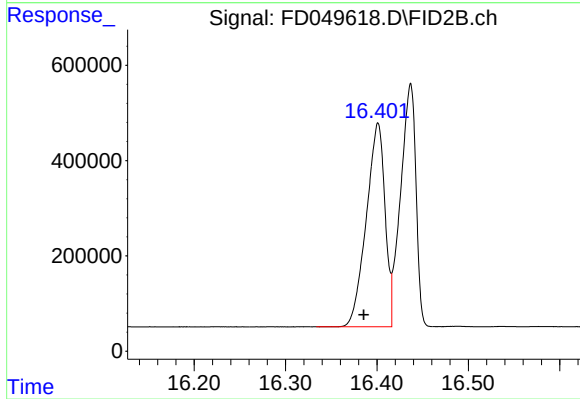
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.849 min
Delta R.T.: 0.012 min
Response: 6181244
Conc: 53.57 ug/ml



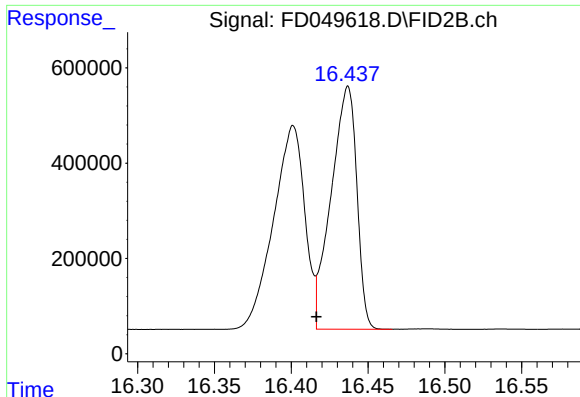
#15 Chrysene (C27.41)

R.T.: 14.894 min
Delta R.T.: 0.016 min
Response: 6717274
Conc: 57.37 ug/ml



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

R.T.: 16.401 min
Delta R.T.: 0.016 min
Response: 6073723
Conc: 53.40 ug/ml



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

R.T.: 16.437 min
Delta R.T.: 0.020 min
Response: 5904550
Conc: 55.16 ug/ml

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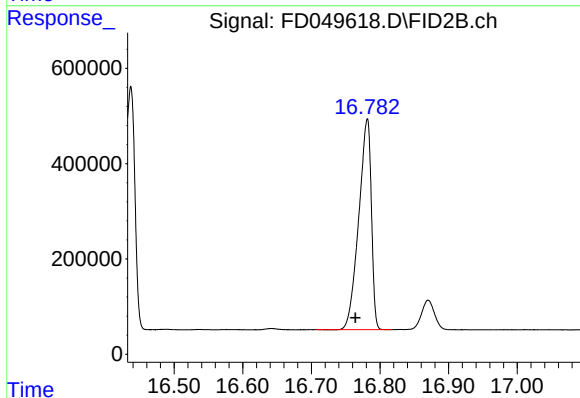
ClientSampleId :

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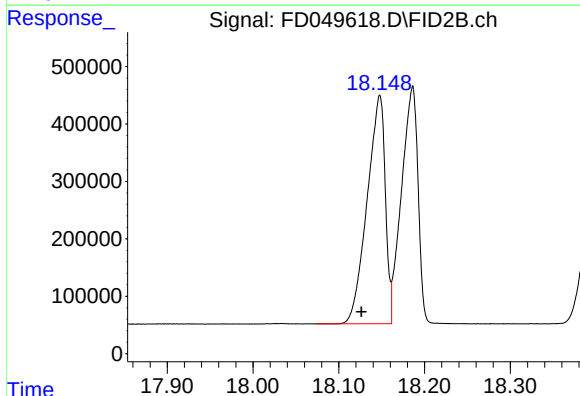
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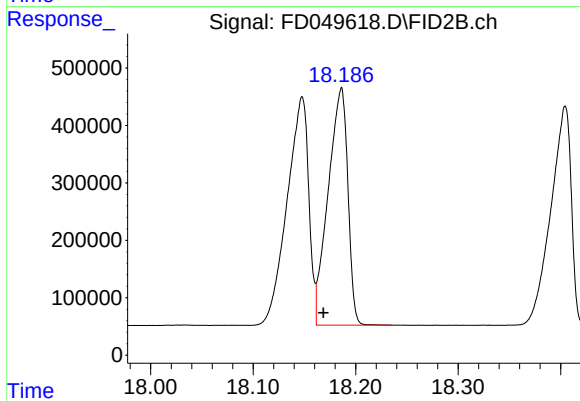
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: 0.017 min
Response: 5652217
Conc: 50.95 ug/ml



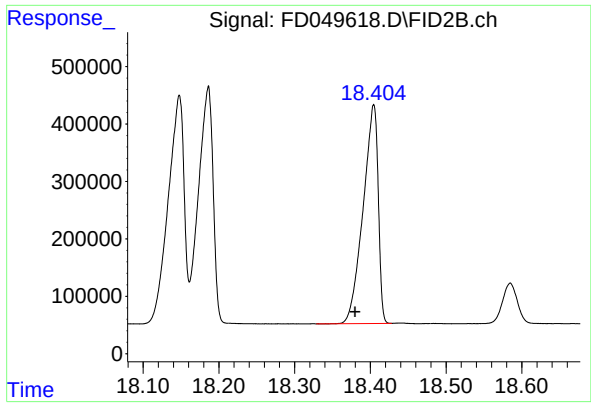
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.148 min
Delta R.T.: 0.021 min
Response: 5839311
Conc: 56.65 ug/ml



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

R.T.: 18.186 min
Delta R.T.: 0.018 min
Response: 5503488
Conc: 50.49 ug/ml



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

R.T.: 18.404 min
Delta R.T.: 0.024 min
Response: 5265641
Conc: 48.19 ug/ml

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