

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081525AR\
 Data File : FD049629.D
 Signal(s) : FID2B.ch
 Acq On : 15 Aug 2025 12:49
 Operator : YP/AJ
 Sample : PB169262BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169262BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2025
 Supervised By :mohammad ahmed 08/19/2025

Integration File: autoint1.e
 Quant Time: Aug 18 02:22:19 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	6103977	59.559 ug/ml
Spiked Amount 50.000		Recovery =	119.12%
6) S 2-Fluorobiphenyl (SURR)	8.582	4269539	58.450 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.90%
11) S ortho-Terphenyl (SURR)	11.628	6255441	48.195 ug/ml
Spiked Amount 50.000		Recovery =	96.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	3829369	37.832 ug/ml
2) T Naphthalene (C11.7)	6.050	4837853	42.193 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	4868082	40.808 ug/ml
5) T Acenaphthylene (C15.06)	8.385	5887025	46.829 ug/ml
7) T Acenaphthene (C15.5)	8.682	5982360	47.579 ug/ml
8) T Flouorene (C16.55)	9.463	6407017	50.605 ug/ml
9) T Phenanthrene (C19.36)	10.862	6560507	50.787 ug/ml
10) T Anthracene (C19.43)	10.937	5629308	45.695 ug/ml
12) T Fluoranthene (C21.85)	12.677	6697526	52.318 ug/ml
13) T Pyrene (C20.8)	12.975	6575703	51.791 ug/ml
14) T Benzo[a]anthracene (C...	14.847	6244488	54.114 ug/ml
15) T Chrysene (C27.41)	14.892	6787886	57.975 ug/ml
16) T benzo[b]fluoranthene ...	16.399	6149639	54.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.435	5954862	55.628 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.779	5725469	51.610 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	5936791	57.595 ug/ml
20) T Dibenz[a,h]anthracene...	18.183	5585605	51.245 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	5370395	49.146 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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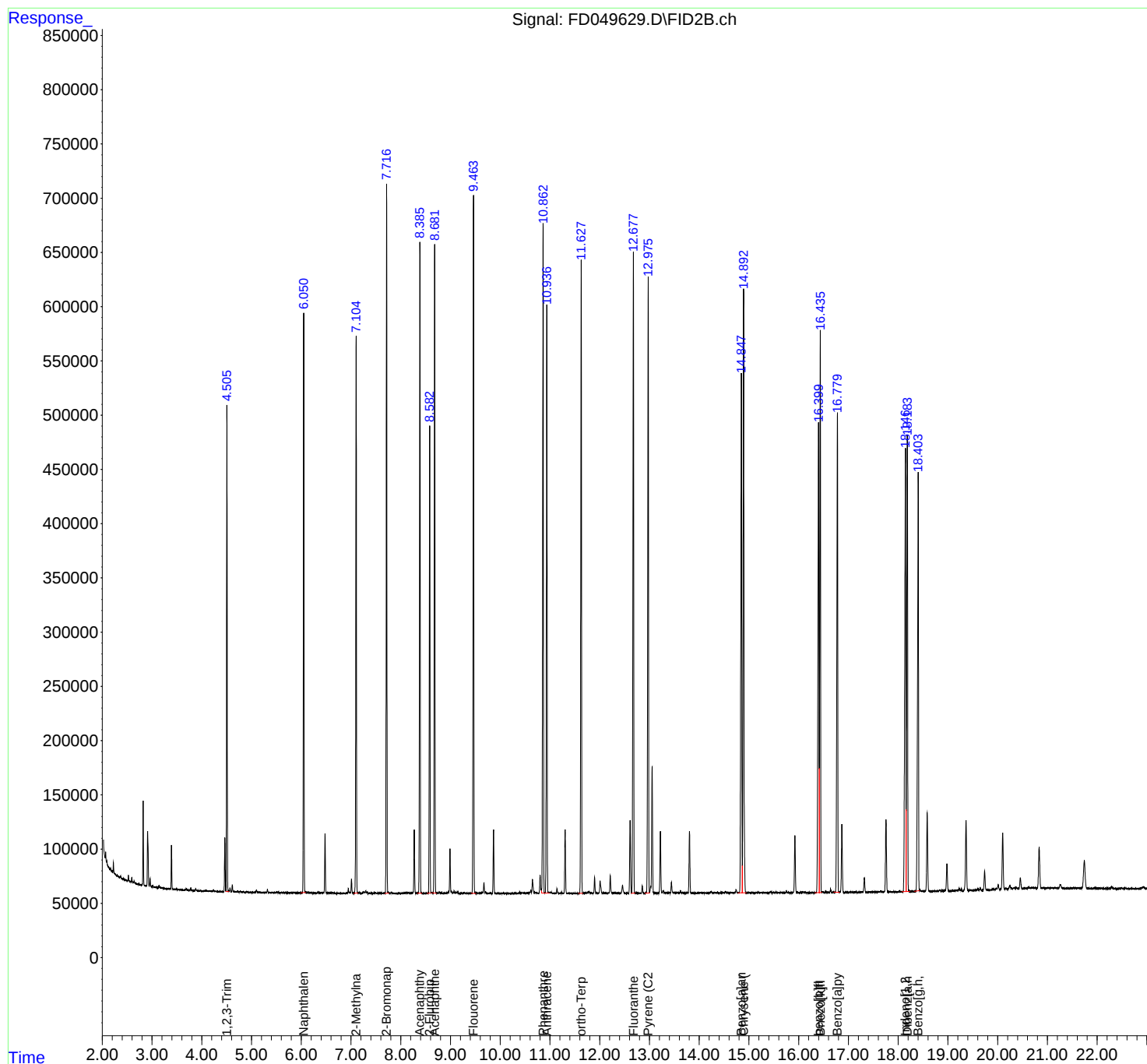
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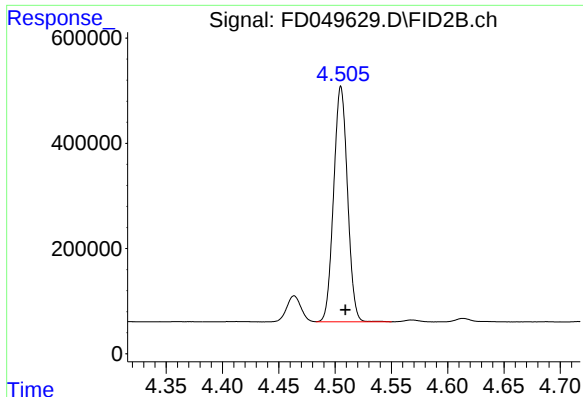
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.505 min
Delta R.T.: -0.004 min
Response: 3829369
Conc: 37.83 ug/ml

Instrument :

FID_D

ClientSampleId :

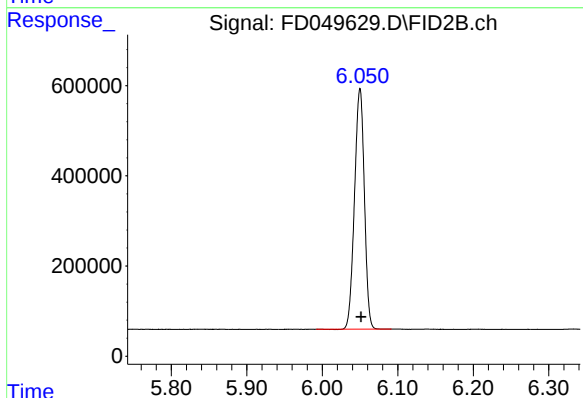
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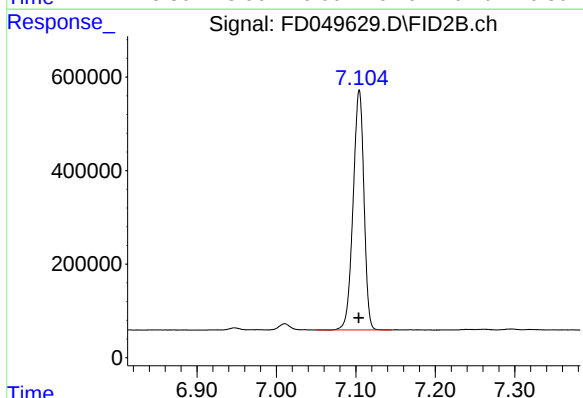
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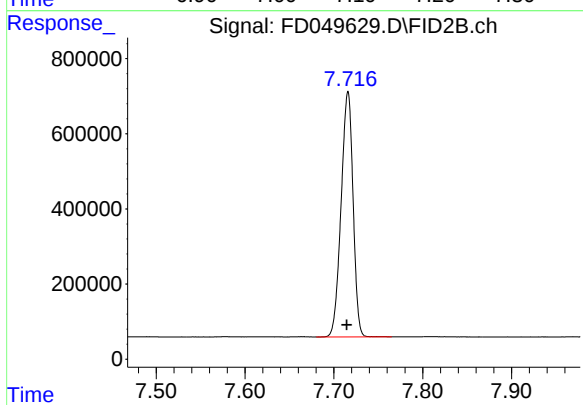
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 4837853
Conc: 42.19 ug/ml



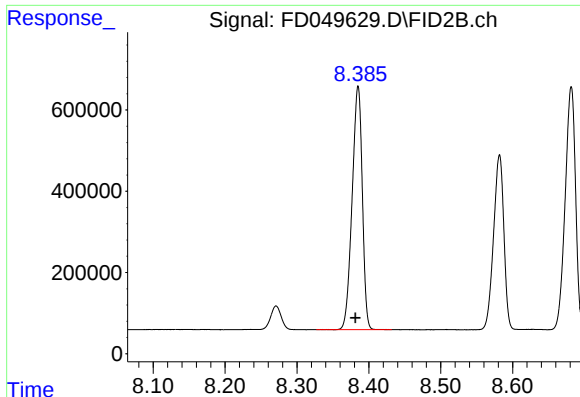
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 4868082
Conc: 40.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.716 min
Delta R.T.: 0.001 min
Response: 6103977
Conc: 59.56 ug/ml



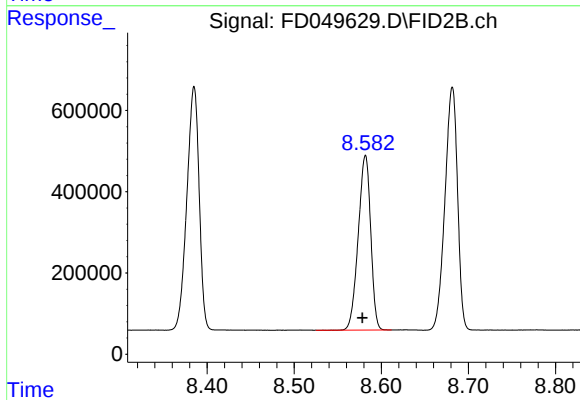
#5 Acenaphthylene (C15.06)

R.T.: 8.385 min
Delta R.T.: 0.004 min
Response: 5887025
Conc: 46.83 ug/ml

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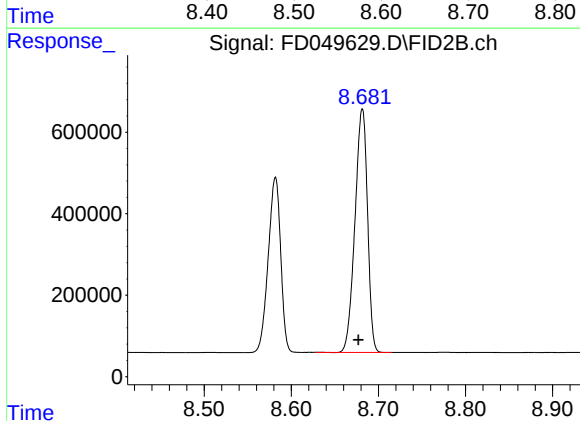
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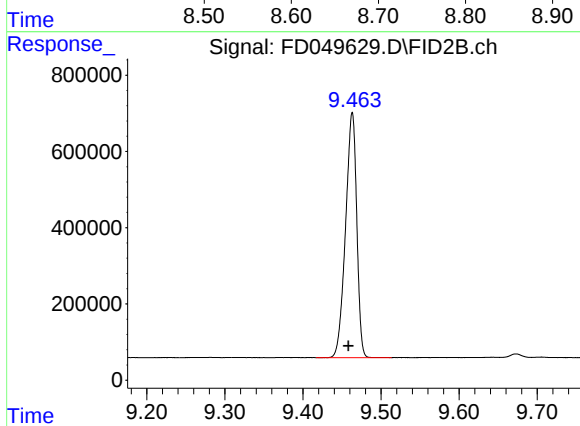
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.582 min
Delta R.T.: 0.003 min
Response: 4269539
Conc: 58.45 ug/ml



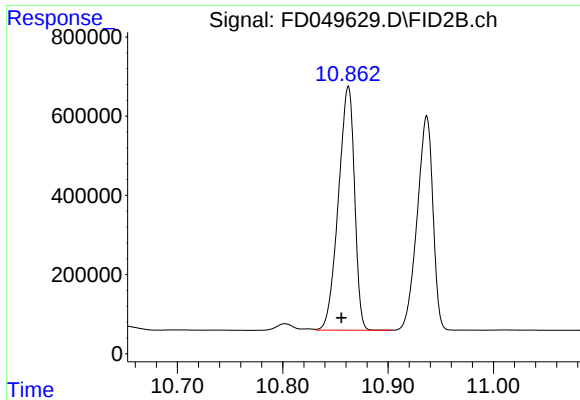
#7 Acenaphthene (C15.5)

R.T.: 8.682 min
Delta R.T.: 0.005 min
Response: 5982360
Conc: 47.58 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.463 min
Delta R.T.: 0.005 min
Response: 6407017
Conc: 50.60 ug/ml



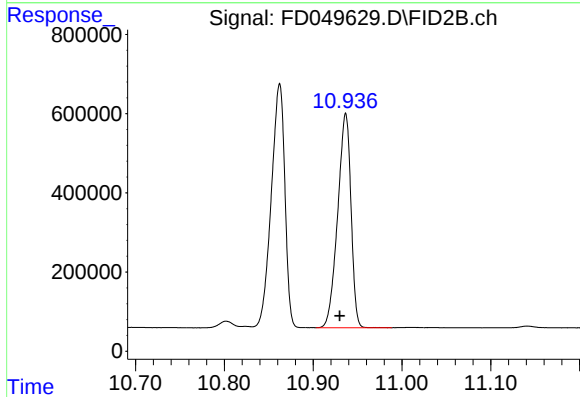
#9 Phenanthrene (C19.36)

R.T.: 10.862 min
Delta R.T.: 0.007 min
Response: 6560507
Conc: 50.79 ug/ml

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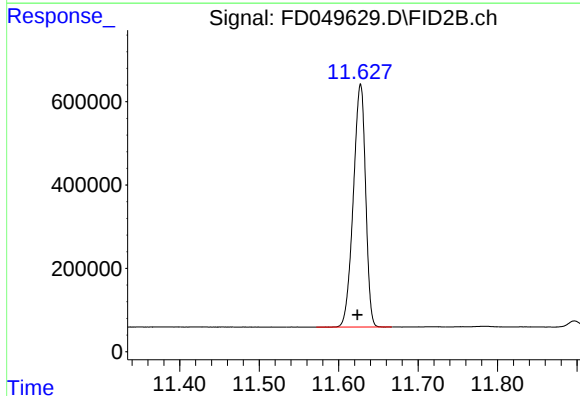
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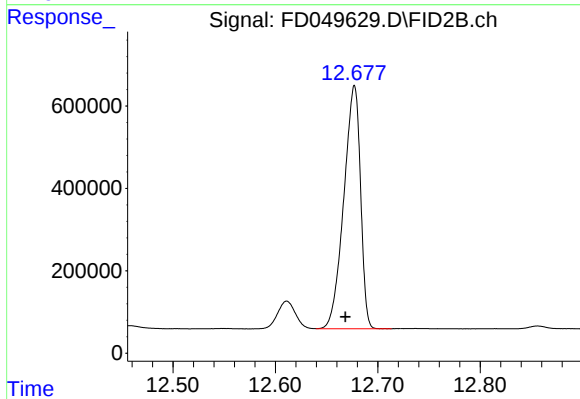
#10 Anthracene (C19.43)

R.T.: 10.937 min
Delta R.T.: 0.007 min
Response: 5629308
Conc: 45.69 ug/ml



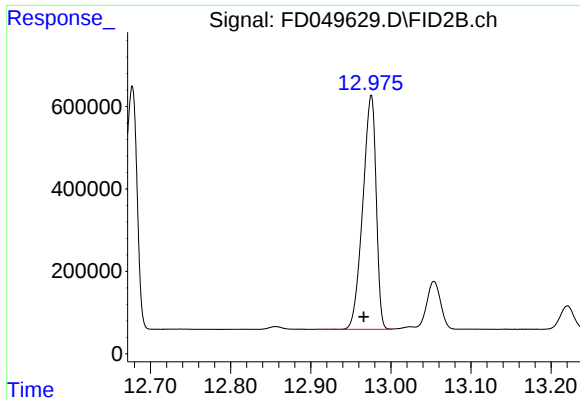
#11 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: 0.004 min
Response: 6255441
Conc: 48.19 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.677 min
Delta R.T.: 0.009 min
Response: 6697526
Conc: 52.32 ug/ml



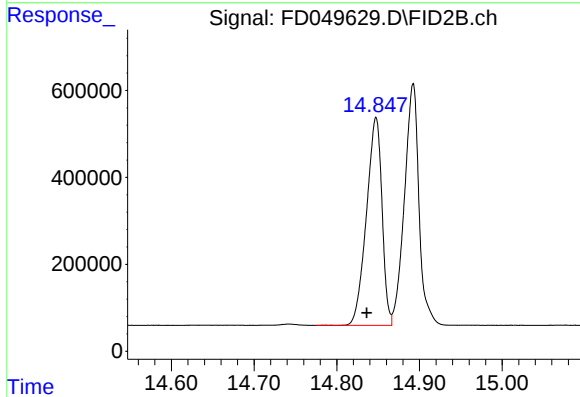
#13 Pyrene (C20.8)

R.T.: 12.975 min
Delta R.T.: 0.009 min
Response: 6575703
Conc: 51.79 ug/ml

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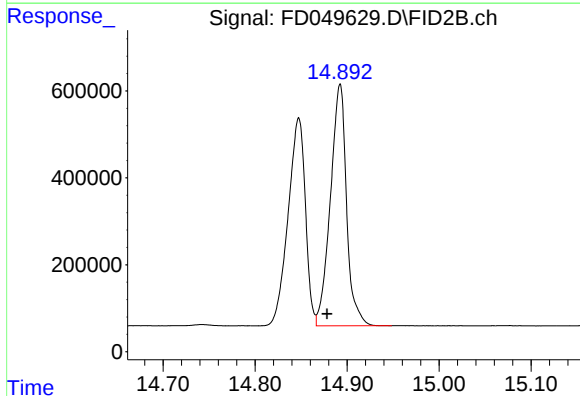
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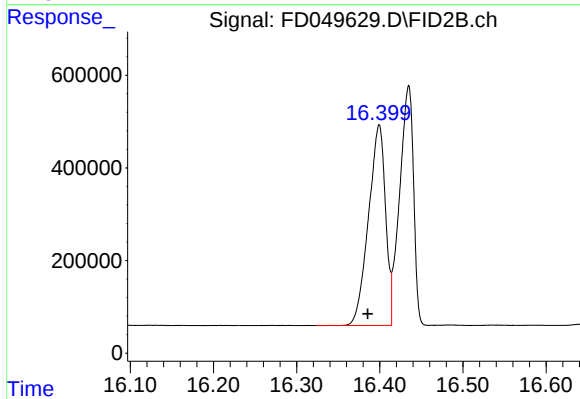
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.847 min
Delta R.T.: 0.011 min
Response: 6244488
Conc: 54.11 ug/ml



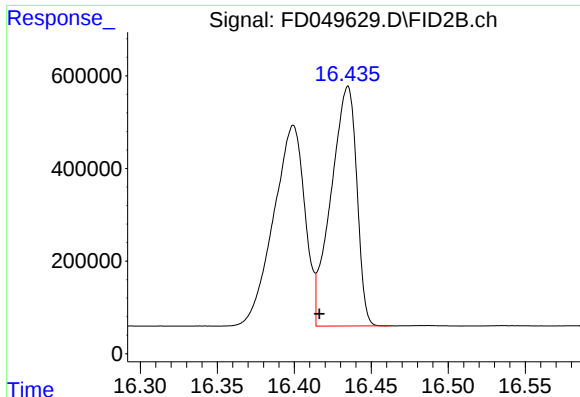
#15 Chrysene (C27.41)

R.T.: 14.892 min
Delta R.T.: 0.014 min
Response: 6787886
Conc: 57.98 ug/ml



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

R.T.: 16.399 min
Delta R.T.: 0.014 min
Response: 6149639
Conc: 54.07 ug/ml



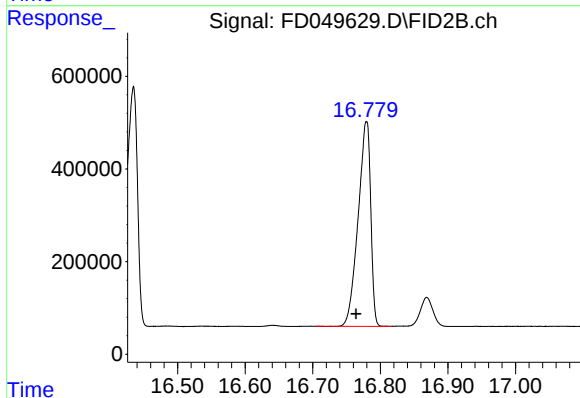
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.435 min
Delta R.T.: 0.018 min
Response: 5954862
Conc: 55.63 ug/ml

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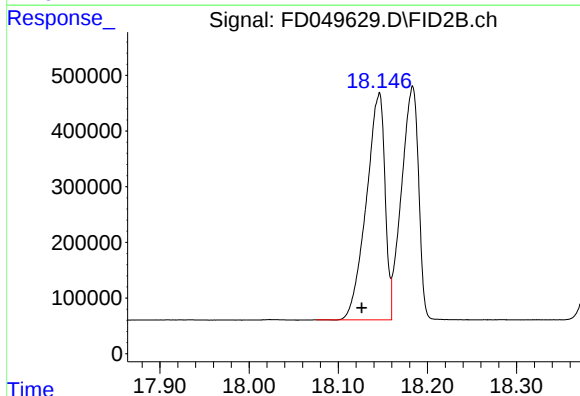
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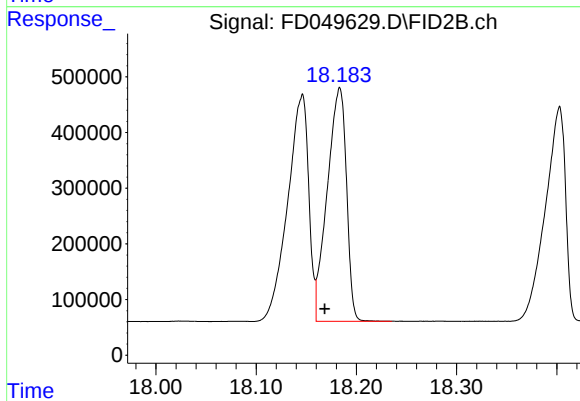
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.779 min
Delta R.T.: 0.015 min
Response: 5725469
Conc: 51.61 ug/ml



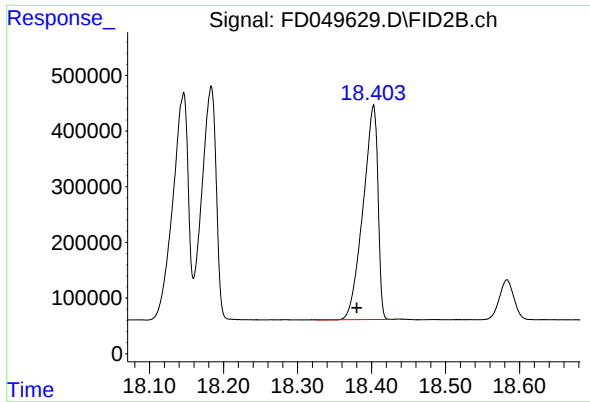
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.146 min
Delta R.T.: 0.020 min
Response: 5936791
Conc: 57.60 ug/ml



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

R.T.: 18.183 min
Delta R.T.: 0.015 min
Response: 5585605
Conc: 51.24 ug/ml



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

R.T.: 18.403 min
Delta R.T.: 0.023 min
Response: 5370395
Conc: 49.15 ug/ml

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