

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100825AR\
 Data File : FD049829.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2025 09:22
 Operator : YP/AJ
 Sample : PB170011BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB170011BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025

Integration File: sample.E

Quant Time: Oct 09 06:26:30 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M

Quant Title : GC Extractables

QLast Update : Thu Oct 02 17:50:17 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...	7.703	4963183	41.772 ug/ml
Spiked Amount 50.000		Recovery =	83.54%
6) S 2-Fluorobiphenyl (SURR)	8.568	3614846	42.578 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.16%
11) S ortho-Terphenyl (SURR)	11.616	7071670	47.370 ug/ml
Spiked Amount 50.000		Recovery =	94.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	3917207	34.469 ug/ml
2) T Naphthalene (C11.7)	6.037	4866808	36.888 ug/ml
3) T 2-Methylnaphthalene (...)	7.092	4891327	35.352 ug/ml
5) T Acenaphthylene (C15.06)	8.372	5965377	40.830 ug/ml
7) T Acenaphthene (C15.5)	8.669	6068027	41.673 ug/ml
8) T Flouorene (C16.55)	9.450	6510239	44.579 ug/ml
9) T Phenanthrene (C19.36)	10.849	6892356	47.150 ug/ml
10) T Anthracene (C19.43)	10.925	6496769	47.808 ug/ml
12) T Fluoranthene (C21.85)	12.665	7118065	49.963 ug/ml
13) T Pyrene (C20.8)	12.963	7120110	50.650 ug/ml
14) T Benzo[a]anthracene (C...	14.835	6521631	51.855 ug/ml
15) T Chrysene (C27.41)	14.881	7160294	55.735 ug/ml
16) T benzo[b]fluoranthene ...	16.387	6300558	50.580 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	6092929	51.870 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.767	6025144	49.647 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	6279070	55.844 ug/ml
20) T Dibenz[a,h]anthracene...	18.173	5948197	48.653 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.390	5589644	46.734 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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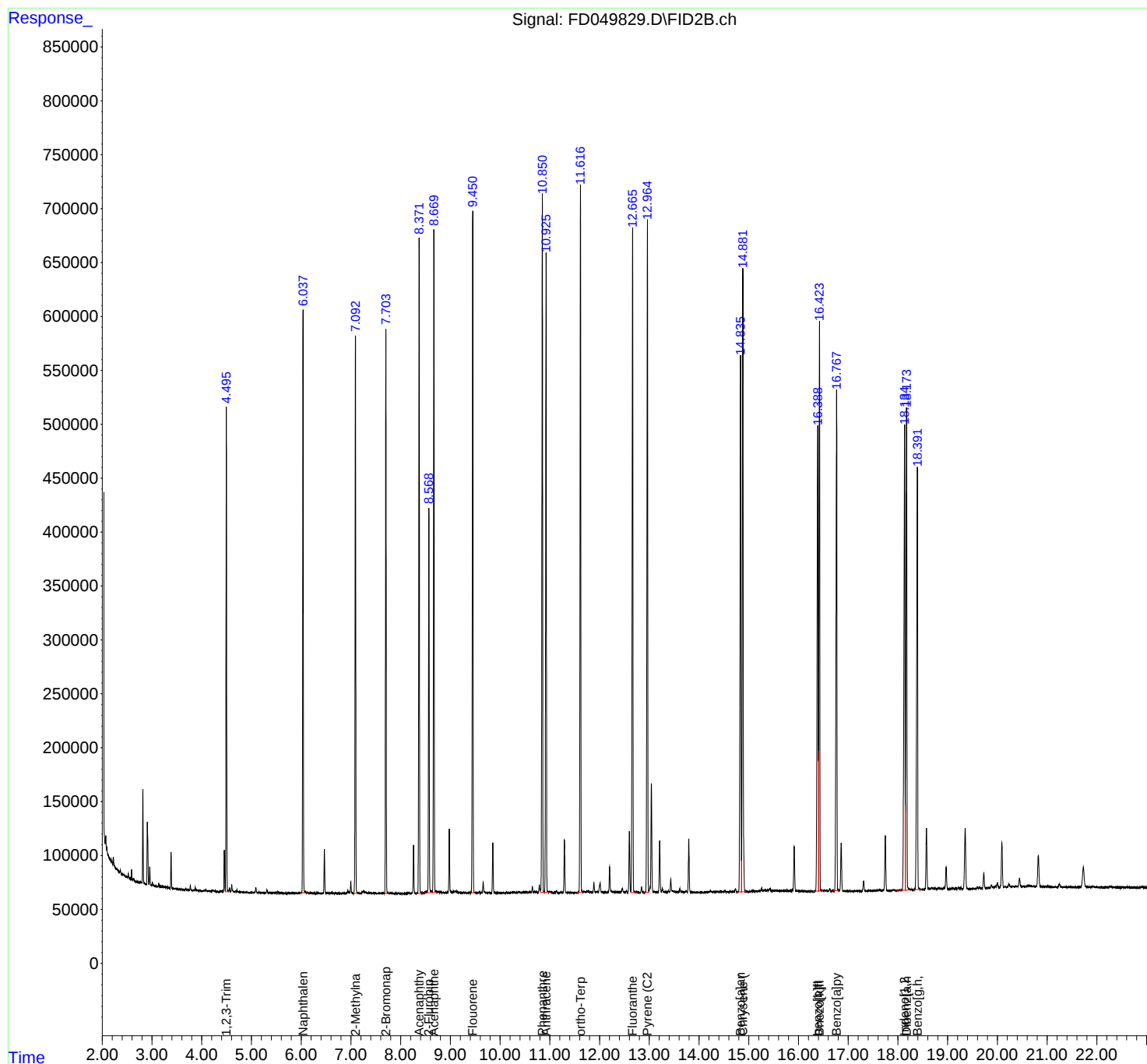
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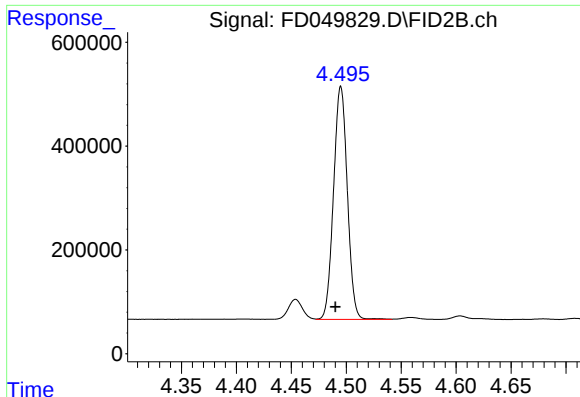
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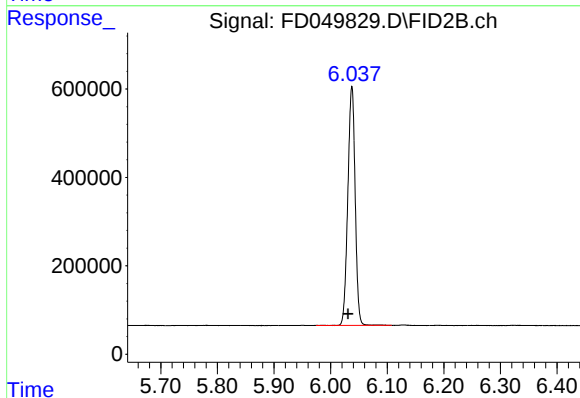
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.495 min
Delta R.T.: 0.005 min
Response: 3917207
Conc: 34.47 ug/ml

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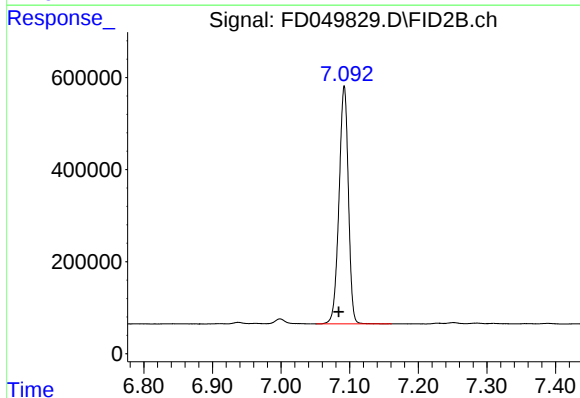
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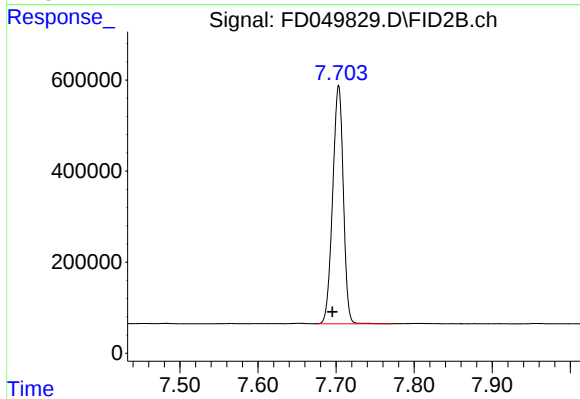
#2 Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: 0.006 min
Response: 4866808
Conc: 36.89 ug/ml



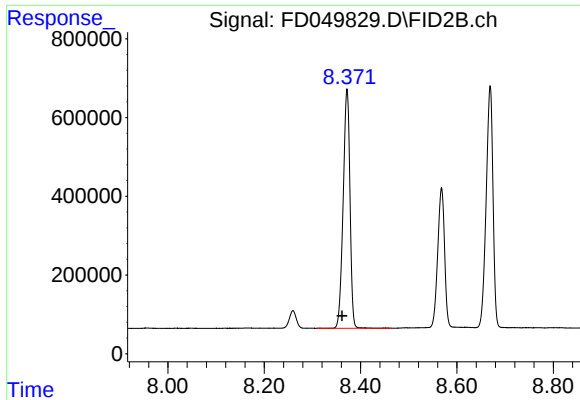
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: 0.008 min
Response: 4891327
Conc: 35.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.703 min
Delta R.T.: 0.008 min
Response: 4963183
Conc: 41.77 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.372 min
Delta R.T.: 0.010 min
Response: 5965377
Conc: 40.83 ug/ml

Instrument :

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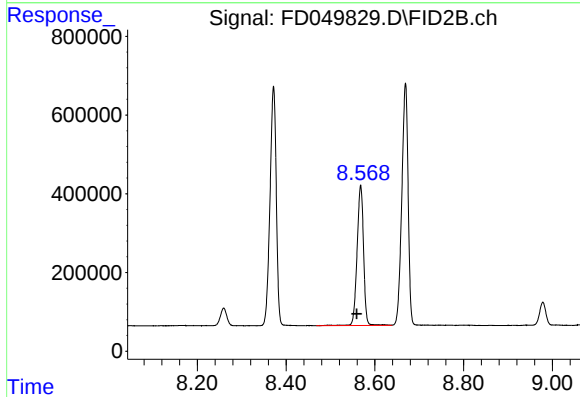
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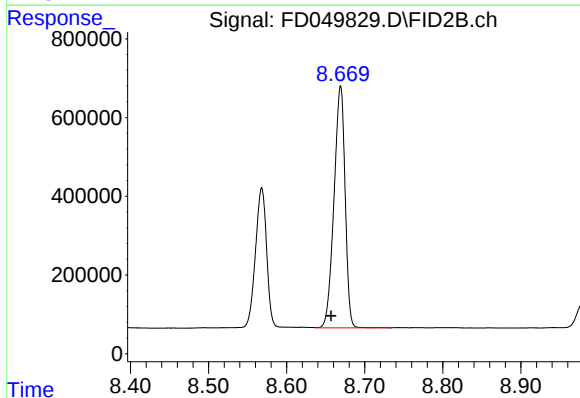
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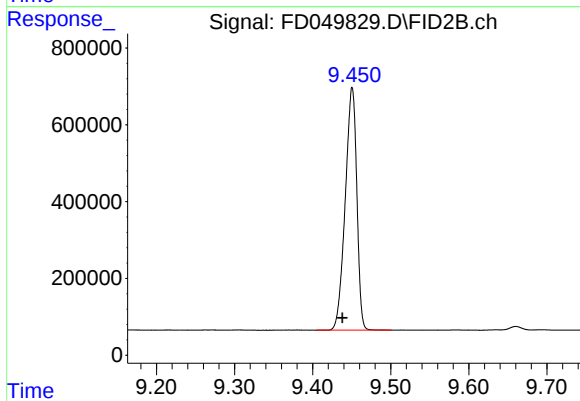
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.568 min
Delta R.T.: 0.009 min
Response: 3614846
Conc: 42.58 ug/ml



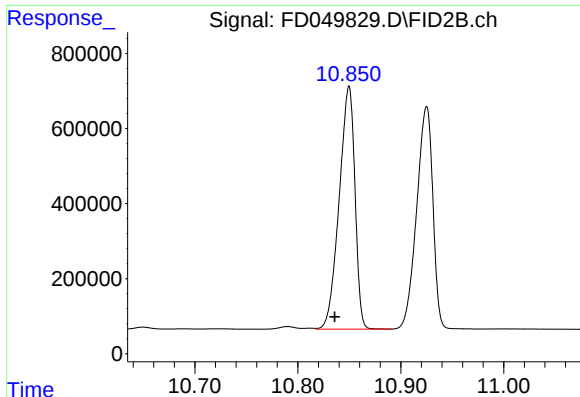
#7 Acenaphthene (C15.5)

R.T.: 8.669 min
Delta R.T.: 0.012 min
Response: 6068027
Conc: 41.67 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.450 min
Delta R.T.: 0.012 min
Response: 6510239
Conc: 44.58 ug/ml



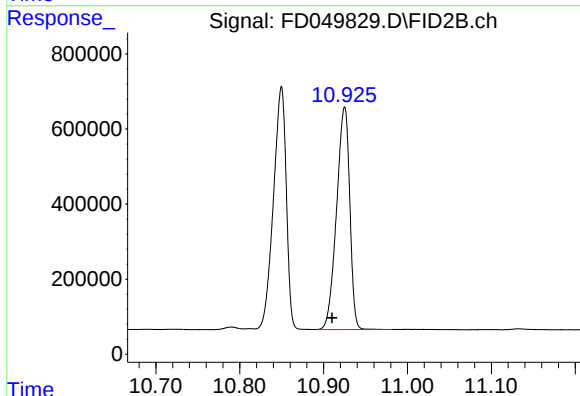
#9 Phenanthrene (C19.36)

R.T.: 10.849 min
Delta R.T.: 0.014 min
Response: 6892356
Conc: 47.15 ug/ml

Instrument :
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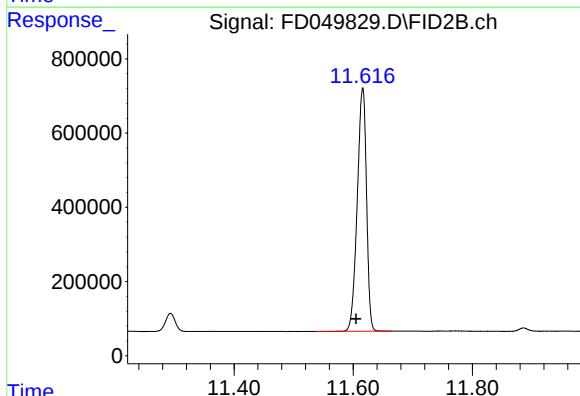
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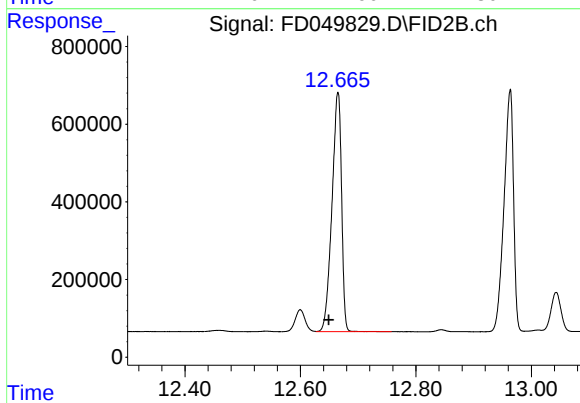
#10 Anthracene (C19.43)

R.T.: 10.925 min
Delta R.T.: 0.014 min
Response: 6496769
Conc: 47.81 ug/ml



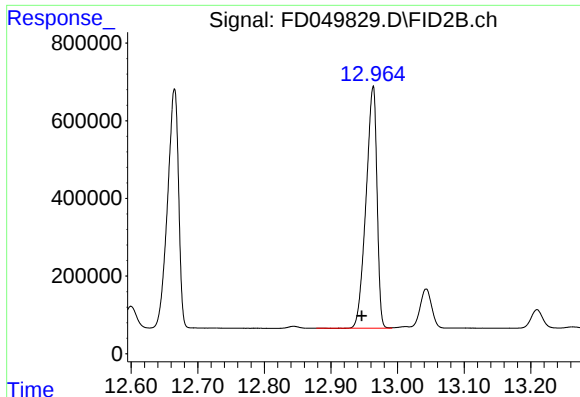
#11 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: 0.011 min
Response: 7071670
Conc: 47.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.665 min
Delta R.T.: 0.015 min
Response: 7118065
Conc: 49.96 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.963 min
Delta R.T.: 0.016 min
Response: 7120110
Conc: 50.65 ug/ml

Instrument :

FID_D

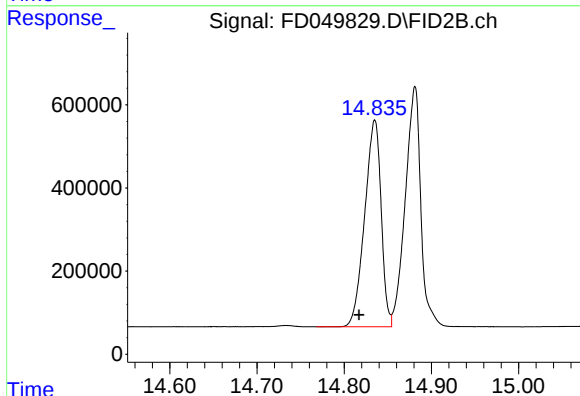
ClientSampleId :

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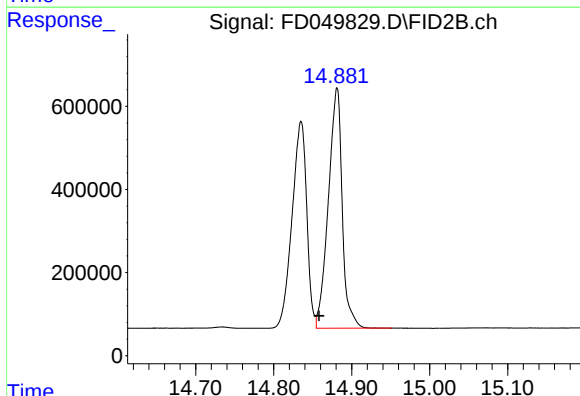
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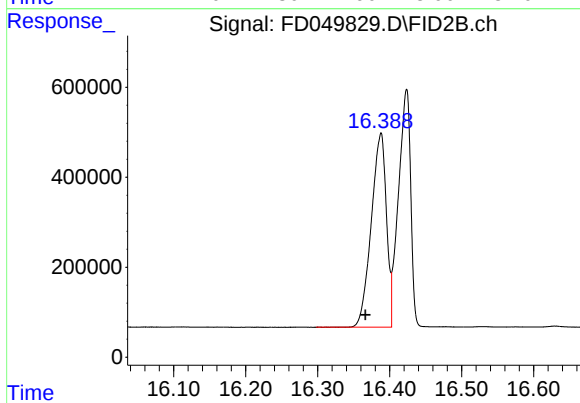
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.835 min
Delta R.T.: 0.017 min
Response: 6521631
Conc: 51.85 ug/ml



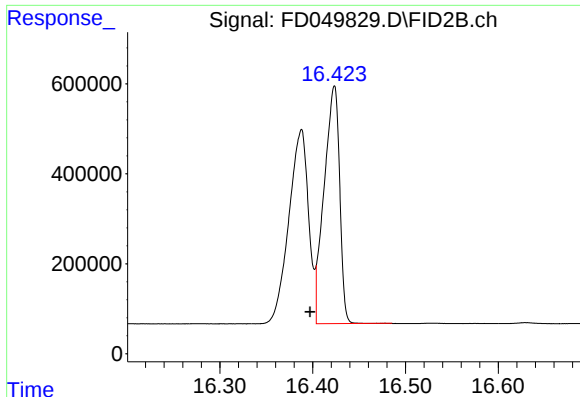
#15 Chrysene (C27.41)

R.T.: 14.881 min
Delta R.T.: 0.022 min
Response: 7160294
Conc: 55.73 ug/ml



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

R.T.: 16.387 min
Delta R.T.: 0.021 min
Response: 6300558
Conc: 50.58 ug/ml



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

R.T.: 16.423 min
Delta R.T.: 0.026 min
Response: 6092929
Conc: 51.87 ug/ml

Instrument :

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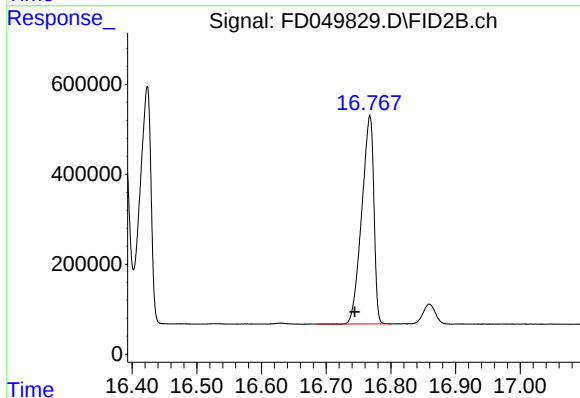
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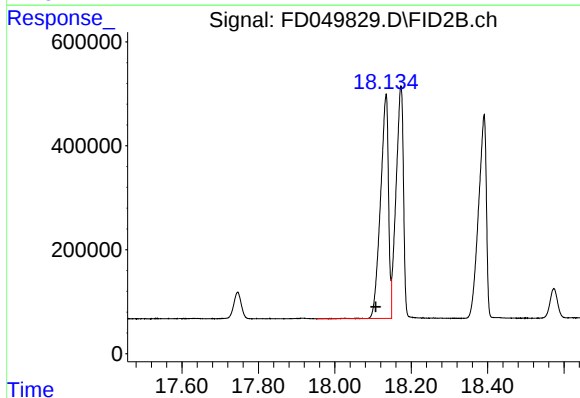
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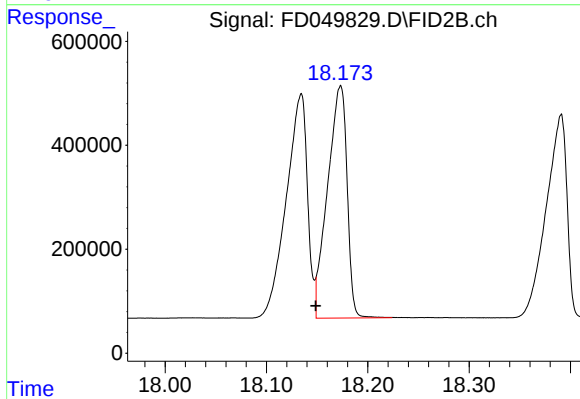
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.767 min
Delta R.T.: 0.023 min
Response: 6025144
Conc: 49.65 ug/ml



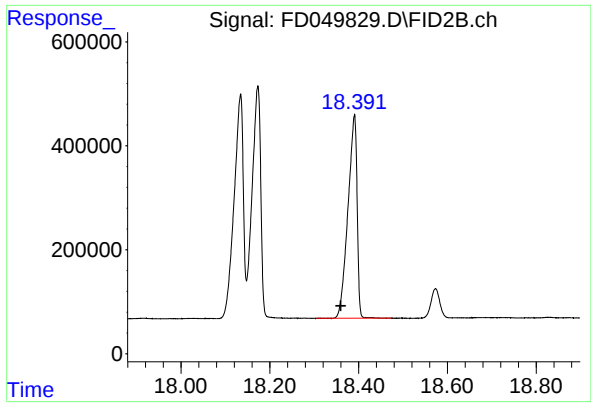
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.026 min
Response: 6279070
Conc: 55.84 ug/ml



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

R.T.: 18.173 min
Delta R.T.: 0.024 min
Response: 5948197
Conc: 48.65 ug/ml m



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

R.T.: 18.390 min
Delta R.T.: 0.030 min
Response: 5589644
Conc: 46.73 ug/ml

Instrument :

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