

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110325AR\
 Data File : FD049874.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2025 14:11
 Operator : YP/AJ
 Sample : IDOC-04
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 IDOC-04

Integration File: autoint1.e
 Quant Time: Nov 04 02:37:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 16:29:26 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...	7.700	4729576	42.613 ug/ml
Spiked Amount 50.000		Recovery =	85.23%
6) S 2-Fluorobiphenyl (SURR)	8.564	3285732	41.942 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.88%
11) S ortho-Terphenyl (SURR)	11.611	6625975	46.801 ug/ml
Spiked Amount 50.000		Recovery =	93.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	3794963	34.578 ug/ml
2) T Naphthalene (C11.7)	6.035	4683861	37.694 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	4679766	36.178 ug/ml
5) T Acenaphthylene (C15.06)	8.368	5627971	41.327 ug/ml
7) T Acenaphthene (C15.5)	8.664	5711127	41.895 ug/ml
8) T Flouorene (C16.55)	9.446	6097295	44.842 ug/ml
9) T Phenanthrene (C19.36)	10.844	6390981	46.217 ug/ml
10) T Anthracene (C19.43)	10.919	5851071	45.879 ug/ml
12) T Fluoranthene (C21.85)	12.658	6615280	47.568 ug/ml
13) T Pyrene (C20.8)	12.956	6657164	47.988 ug/ml
14) T Benzo[a]anthracene (C...	14.828	6032079	47.706 ug/ml
15) T Chrysene (C27.41)	14.873	6693025	51.013 ug/ml
16) T benzo[b]fluoranthene ...	16.380	5977029	46.402 ug/ml
17) T Bnezo[k]fluoranthene ...	16.415	5860522	48.147 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.759	5700627	45.521 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.125	5914034	51.389 ug/ml
20) T Dibenz[a,h]anthracene...	18.164	5773812	44.590 ug/ml
21) T Benzo[g,h,i]perylene ...	18.381	5300617	42.139 ug/ml

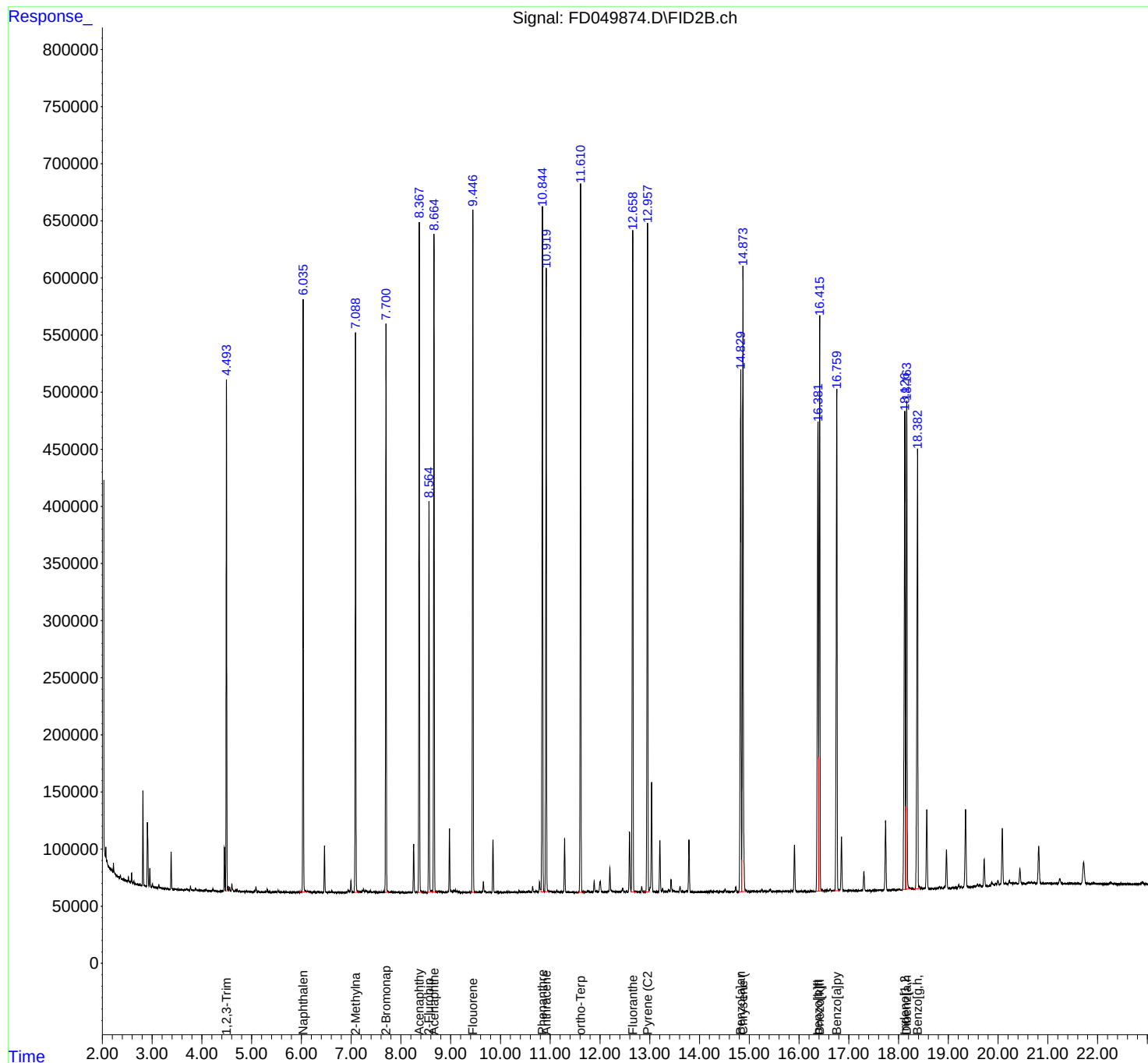
(f)=RT Delta > 1/2 Window

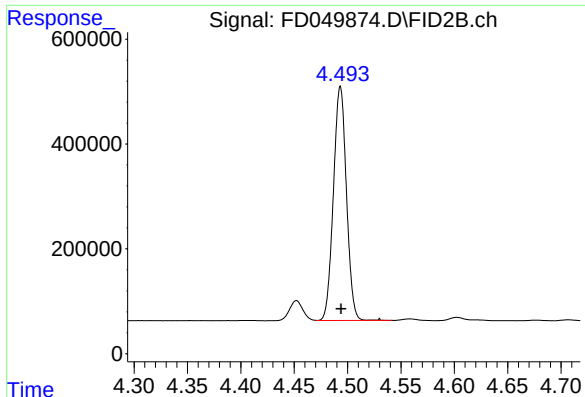
(m)=manual int.

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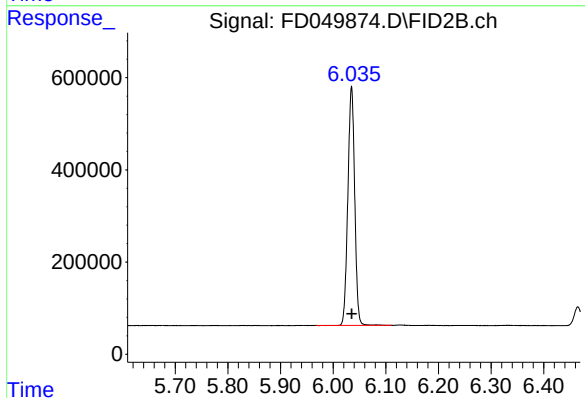




#1 1,2,3-Trimethylbenzene (C10.1)

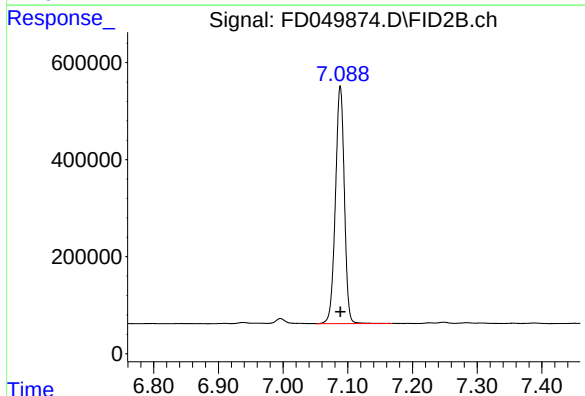
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 3794963
Conc: 34.58 ug/ml

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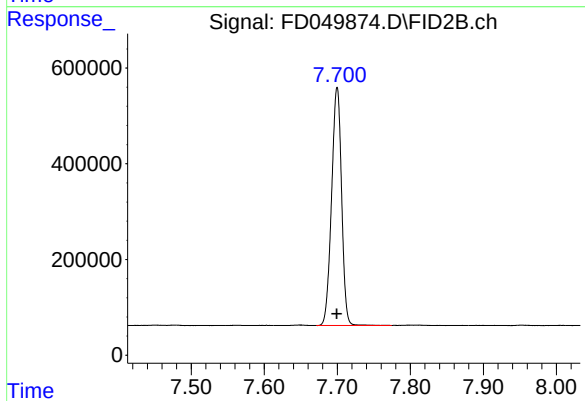
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 4683861
Conc: 37.69 ug/ml



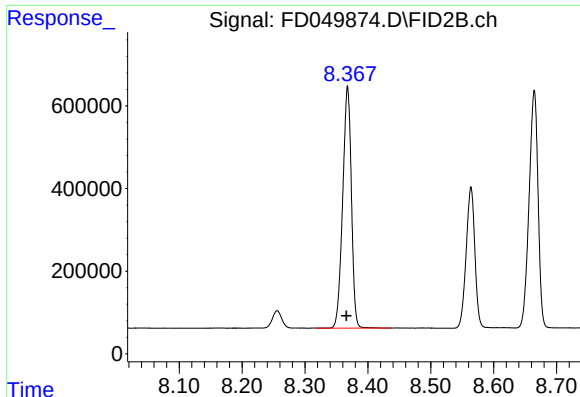
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 4679766
Conc: 36.18 ug/ml



#4 2-Bromonaphthalene (SURR)

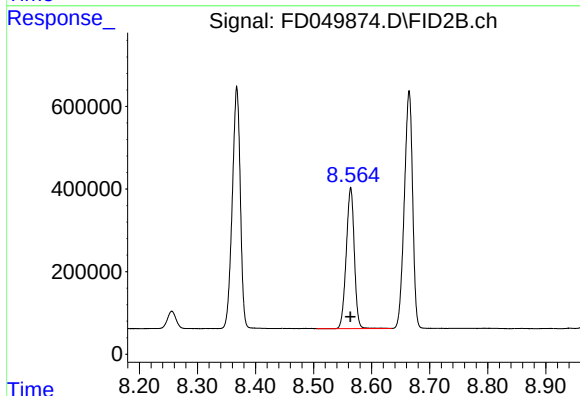
R.T.: 7.700 min
Delta R.T.: 0.000 min
Response: 4729576
Conc: 42.61 ug/ml



#5 Acenaphthylene (C15.06)

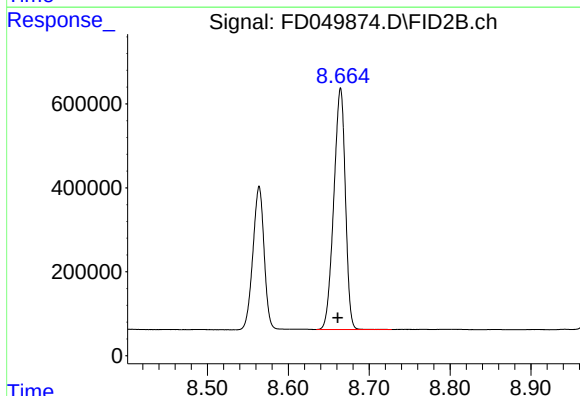
R.T.: 8.368 min
Delta R.T.: 0.002 min
Response: 5627971
Conc: 41.33 ug/ml

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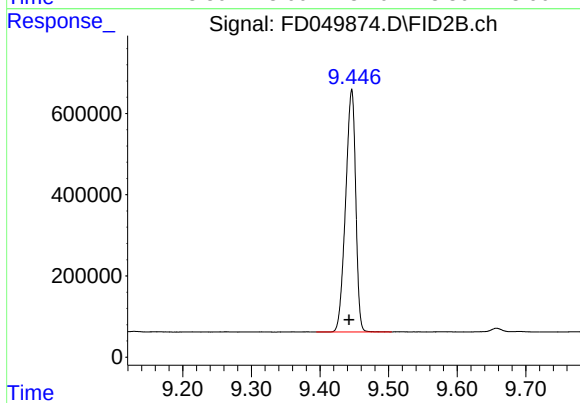
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 3285732
Conc: 41.94 ug/ml



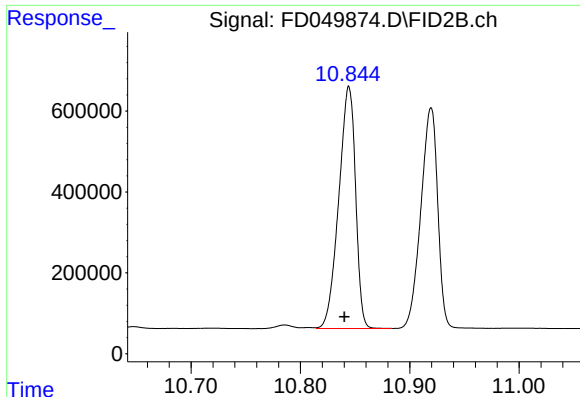
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: 0.003 min
Response: 5711127
Conc: 41.90 ug/ml



#8 Fluorene (C16.55)

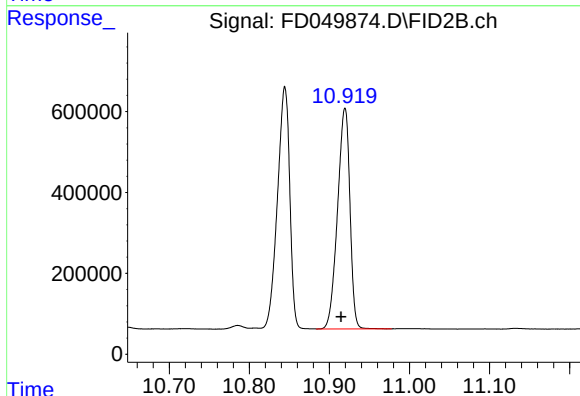
R.T.: 9.446 min
Delta R.T.: 0.003 min
Response: 6097295
Conc: 44.84 ug/ml



#9 Phenanthrene (C19.36)

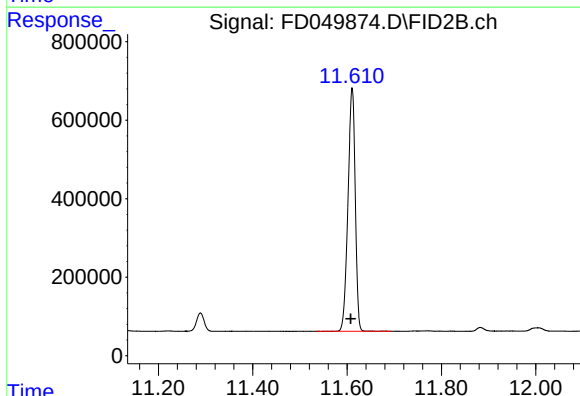
R.T.: 10.844 min
Delta R.T.: 0.004 min
Response: 6390981
Conc: 46.22 ug/ml

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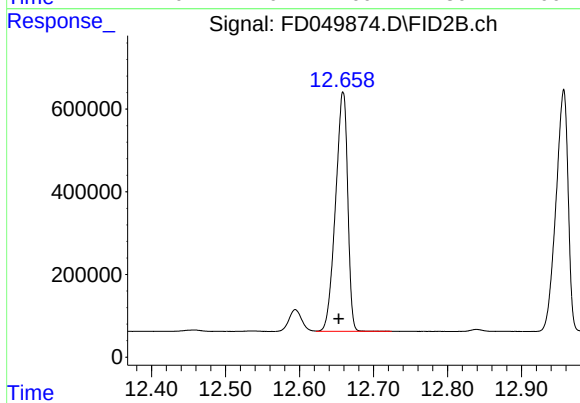
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: 0.004 min
Response: 5851071
Conc: 45.88 ug/ml



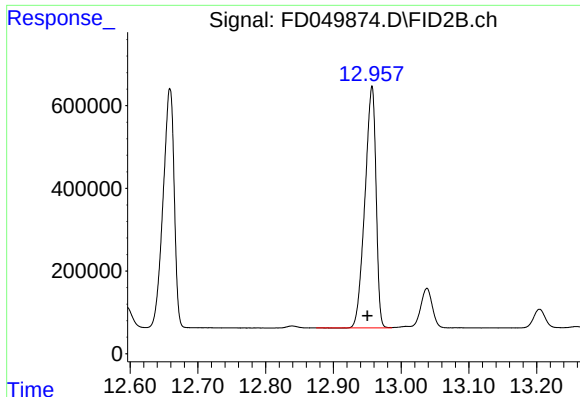
#11 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: 0.003 min
Response: 6625975
Conc: 46.80 ug/ml



#12 Fluoranthene (C21.85)

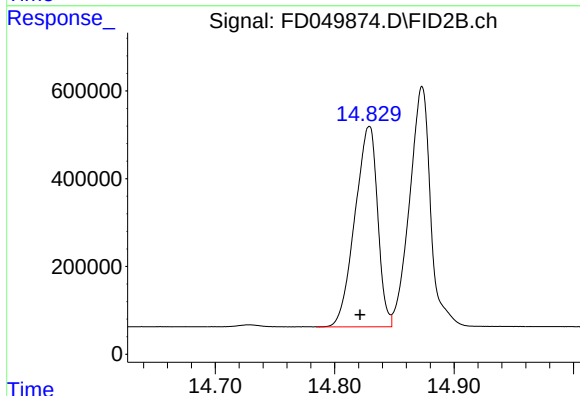
R.T.: 12.658 min
Delta R.T.: 0.005 min
Response: 6615280
Conc: 47.57 ug/ml



#13 Pyrene (C20.8)

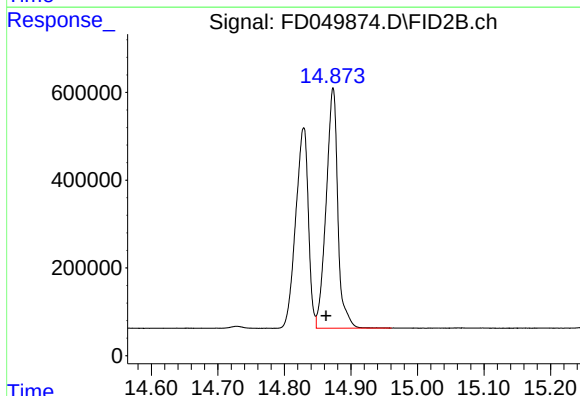
R.T.: 12.956 min
Delta R.T.: 0.006 min
Response: 6657164
Conc: 47.99 ug/ml

Instrument :
FID_D
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IDOC-04



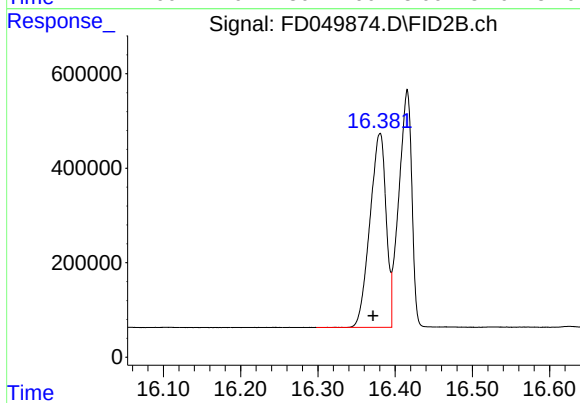
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.007 min
Response: 6032079
Conc: 47.71 ug/ml



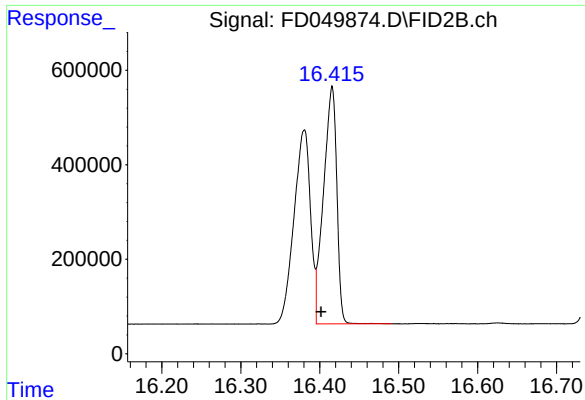
#15 Chrysene (C27.41)

R.T.: 14.873 min
Delta R.T.: 0.010 min
Response: 6693025
Conc: 51.01 ug/ml



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

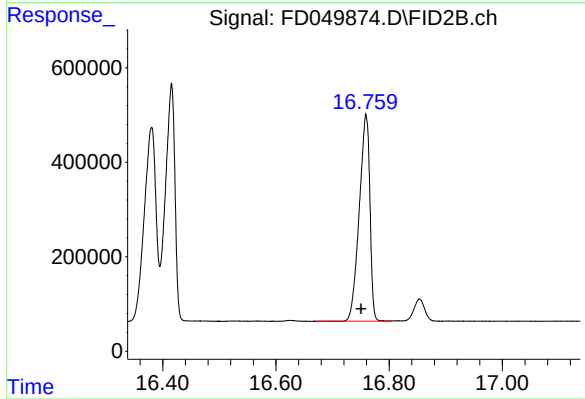
R.T.: 16.380 min
Delta R.T.: 0.009 min
Response: 5977029
Conc: 46.40 ug/ml



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

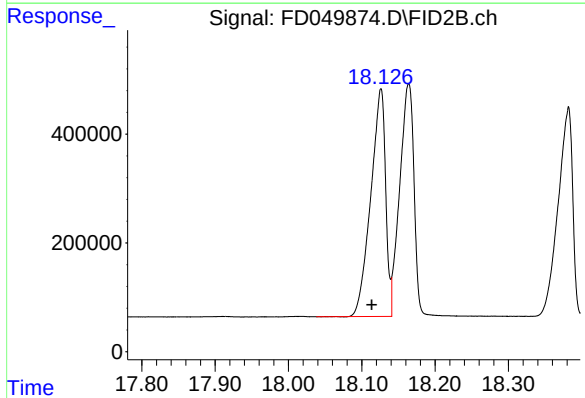
R.T.: 16.415 min
Delta R.T.: 0.013 min
Response: 5860522
Conc: 48.15 ug/ml

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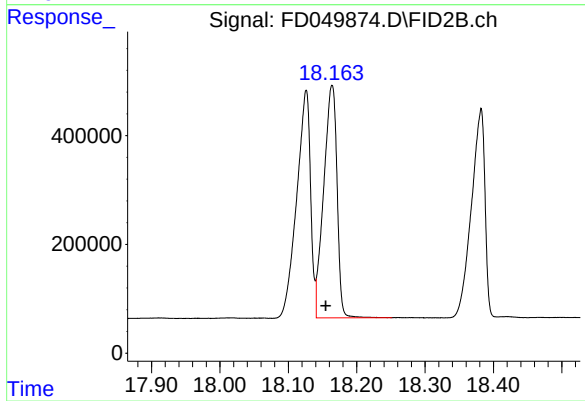
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.759 min
Delta R.T.: 0.009 min
Response: 5700627
Conc: 45.52 ug/ml



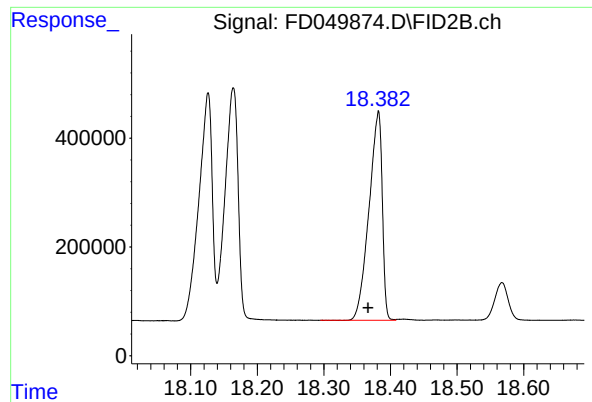
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.125 min
Delta R.T.: 0.012 min
Response: 5914034
Conc: 51.39 ug/ml



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

R.T.: 18.164 min
Delta R.T.: 0.009 min
Response: 5773812
Conc: 44.59 ug/ml



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

R.T.: 18.381 min
Delta R.T.: 0.015 min
Response: 5300617
Conc: 42.14 ug/ml

Instrument :
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