

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101722AR\
 Data File : FD044148.D
 Signal(s) : FID2B.ch
 Acq On : 17 Oct 2022 13:21
 Operator : YP/AJ
 Sample : N4955-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 18 03:32:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.415	7065761	56.910 ug/ml
Spiked Amount 50.000		Recovery =	113.82%
6) S 2-Fluorobiphenyl (SURR)	8.269	4659810	61.884 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	123.77%
11) S ortho-Terphenyl (SURR)	11.304	7774808	45.934 ug/ml
Spiked Amount 50.000		Recovery =	91.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	471871	3.343 ug/ml
2) T Naphthalene (C11.7)	5.764	437288	3.190 ug/ml
3) T 2-Methylnaphthalene (...)	6.810	488028	3.443 ug/ml
5) T Acenaphthylene (C15.06)	8.076	536740	3.826 ug/ml
7) T Acenaphthene (C15.5)	8.365	739327	4.754 ug/ml
8) T Flouorene (C16.55)	9.151	530786	3.773 ug/ml
9) T Phenanthrene (C19.36)	10.543	518391	3.849 ug/ml
10) T Anthracene (C19.43)	10.621	524994	3.907 ug/ml
12) T Fluoranthene (C21.85)	12.347	559745	4.191 ug/ml
13) T Pyrene (C20.8)	12.640	511758	4.052 ug/ml
14) T Benzo[a]anthracene (C...	14.514	410777	3.867 ug/ml
15) T Chrysene (C27.41)	14.553	693205	5.288 ug/ml
16) T benzo[b]fluoranthene ...	16.057	460803	4.106 ug/ml
17) T Bnezo[k]fluoranthene ...	16.090	600376	4.719 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	396570	3.413 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.806	473802	4.444 ug/ml
20) T Dibenz[a,h]anthracene...	17.842	592721	4.791 ug/ml
21) T Benzo[g,h,i]perylene ...	18.053	525632	4.477 ug/ml

(f)=RT Delta > 1/2 Window

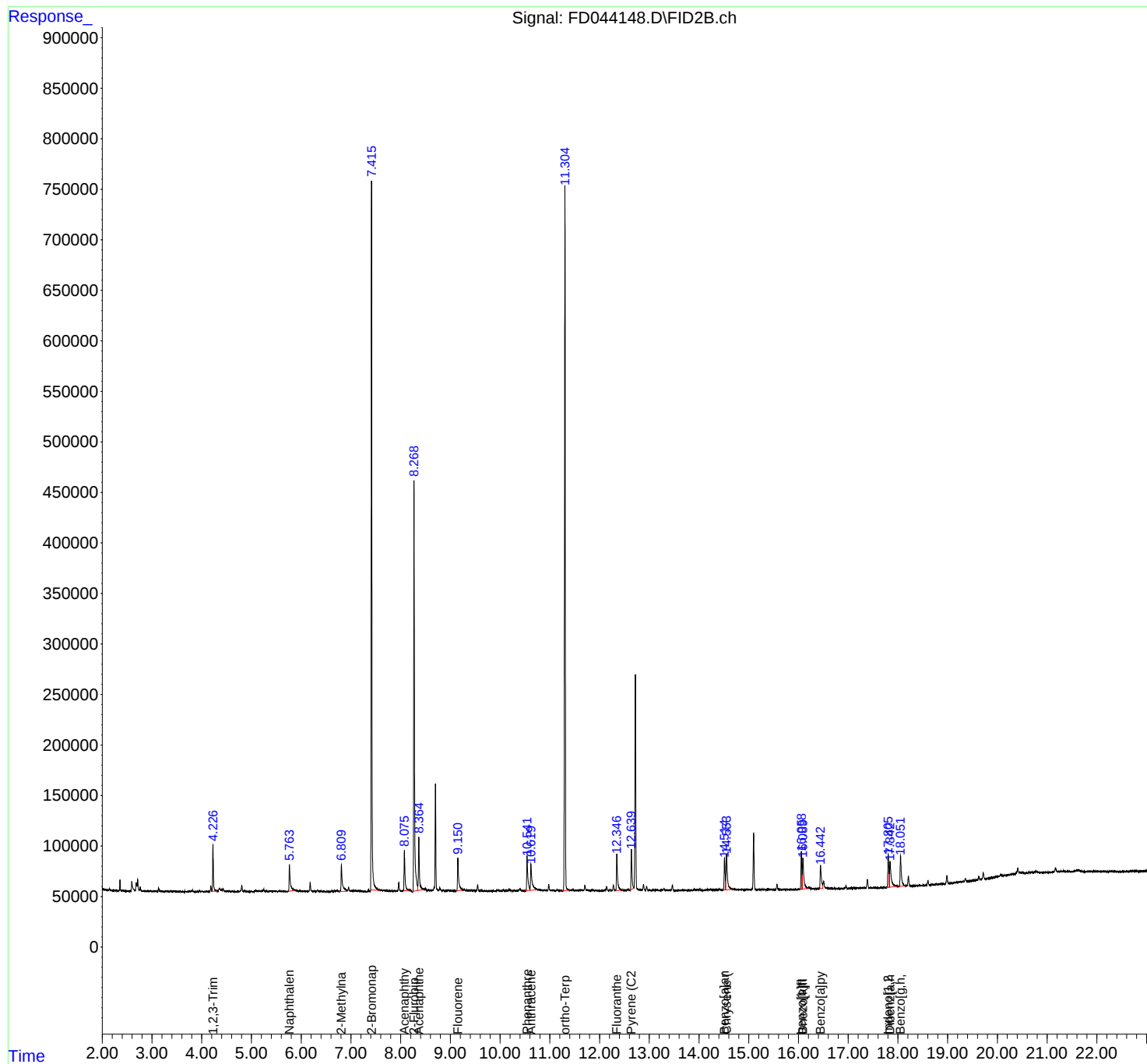
(m)=manual int.

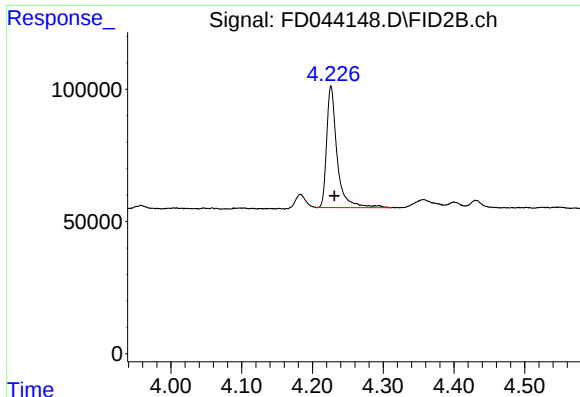
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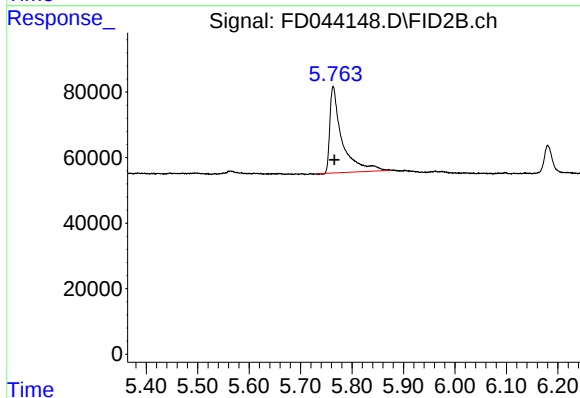




#1 1,2,3-Trimethylbenzene (C10.1)

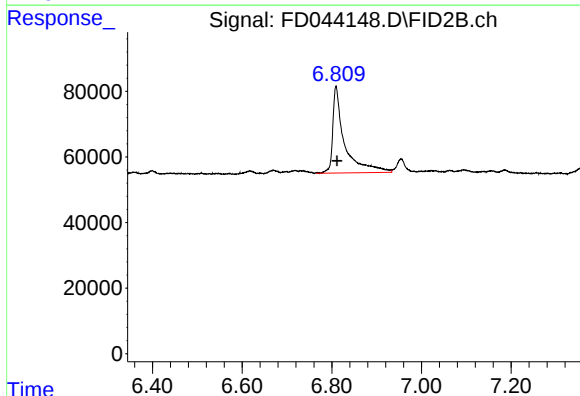
R.T.: 4.226 min
Delta R.T.: -0.005 min
Response: 471871
Conc: 3.34 ug/ml

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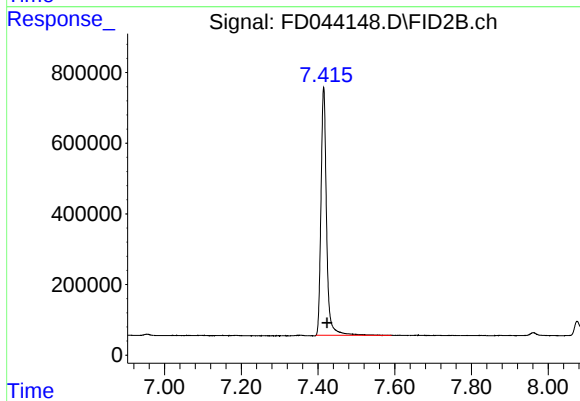
#2 Naphthalene (C11.7)

R.T.: 5.764 min
Delta R.T.: -0.002 min
Response: 437288
Conc: 3.19 ug/ml



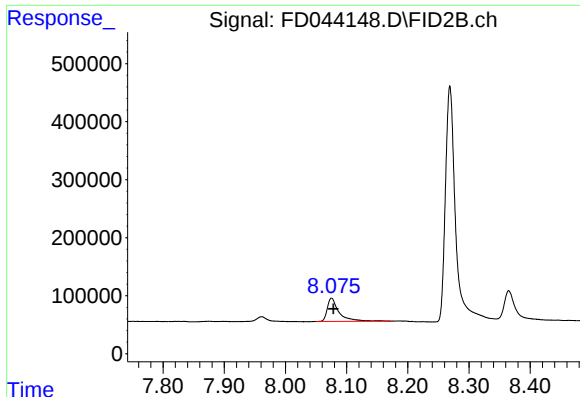
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.810 min
Delta R.T.: -0.001 min
Response: 488028
Conc: 3.44 ug/ml



#4 2-Bromonaphthalene (SURR)

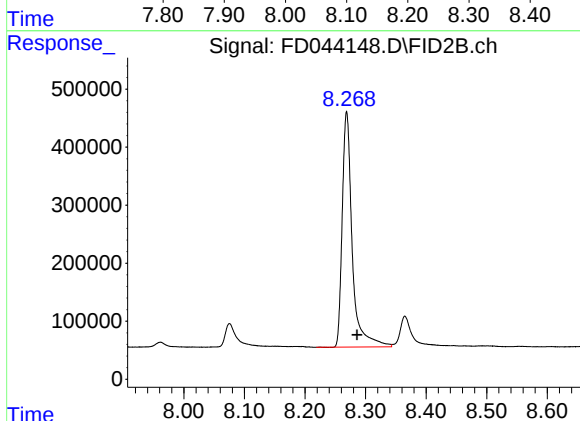
R.T.: 7.415 min
Delta R.T.: -0.009 min
Response: 7065761
Conc: 56.91 ug/ml



#5 Acenaphthylene (C15.06)

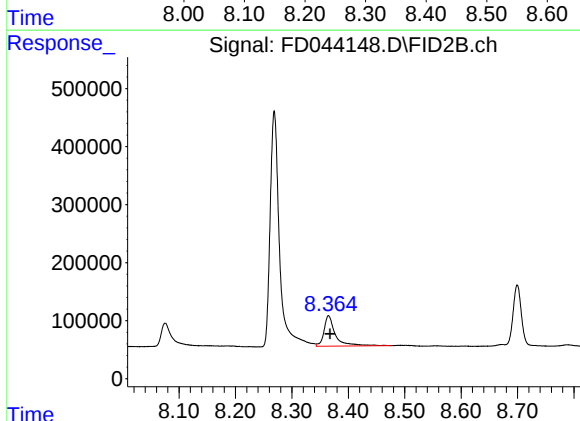
R.T.: 8.076 min
Delta R.T.: -0.003 min
Response: 536740
Conc: 3.83 ug/ml

Instrument :
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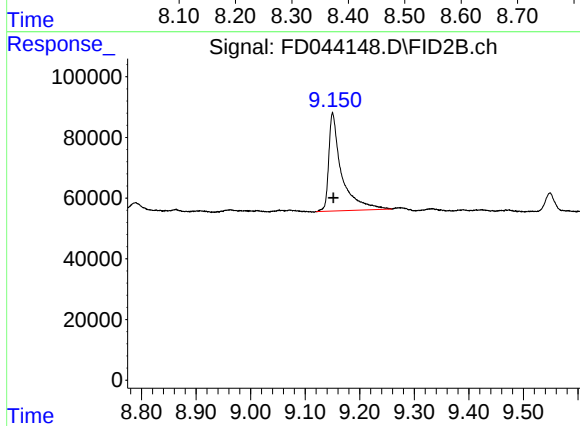
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.269 min
Delta R.T.: -0.017 min
Response: 4659810
Conc: 61.88 ug/ml



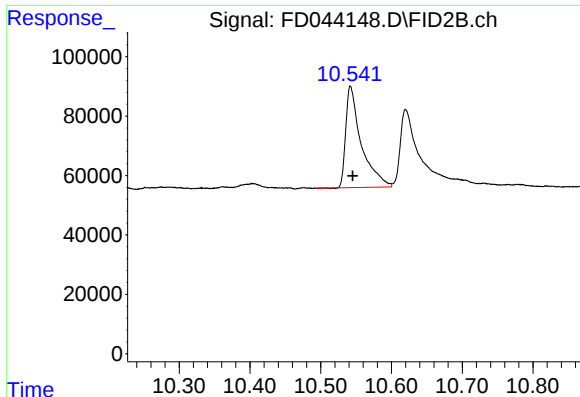
#7 Acenaphthene (C15.5)

R.T.: 8.365 min
Delta R.T.: -0.003 min
Response: 739327
Conc: 4.75 ug/ml



#8 Fluorene (C16.55)

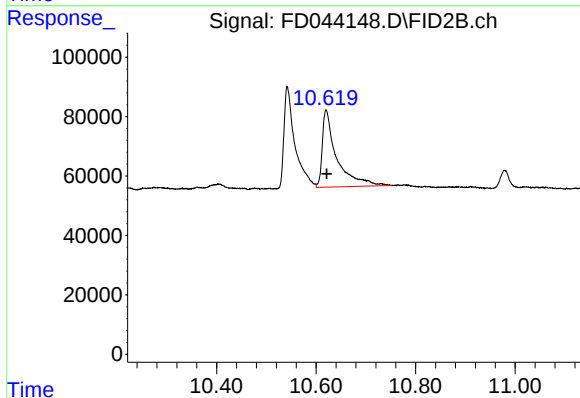
R.T.: 9.151 min
Delta R.T.: -0.001 min
Response: 530786
Conc: 3.77 ug/ml



#9 Phenanthrene (C19.36)

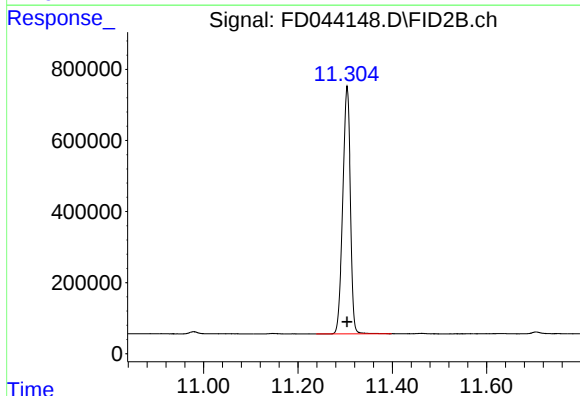
R.T.: 10.543 min
Delta R.T.: -0.002 min
Response: 518391
Conc: 3.85 ug/ml

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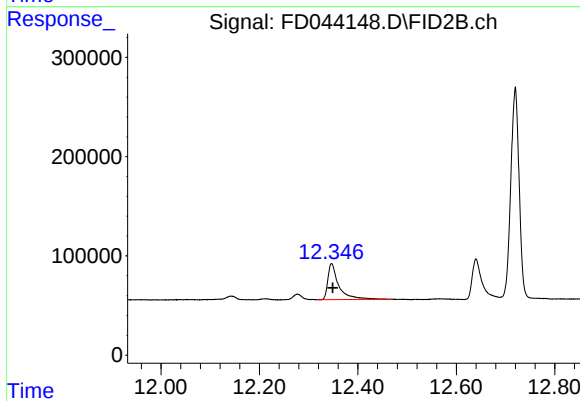
#10 Anthracene (C19.43)

R.T.: 10.621 min
Delta R.T.: 0.000 min
Response: 524994
Conc: 3.91 ug/ml



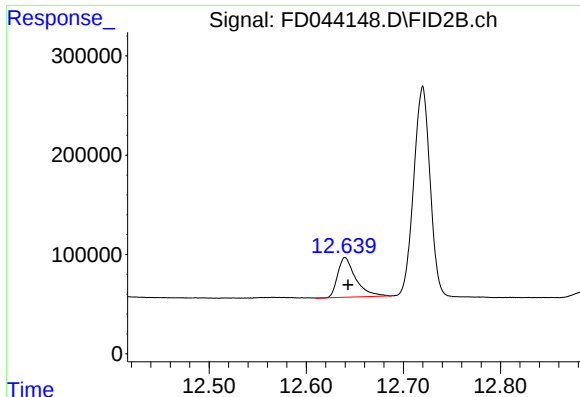
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 7774808
Conc: 45.93 ug/ml



#12 Fluoranthene (C21.85)

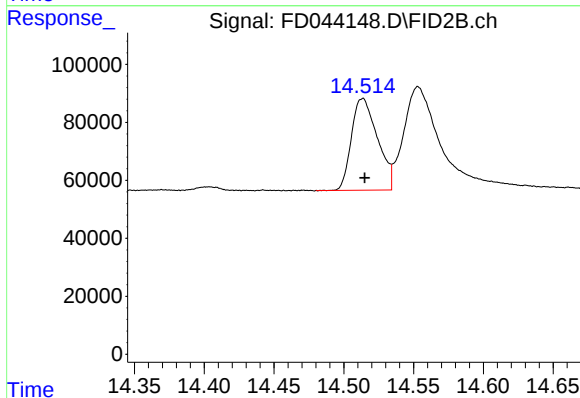
R.T.: 12.347 min
Delta R.T.: -0.002 min
Response: 559745
Conc: 4.19 ug/ml



#13 Pyrene (C20.8)

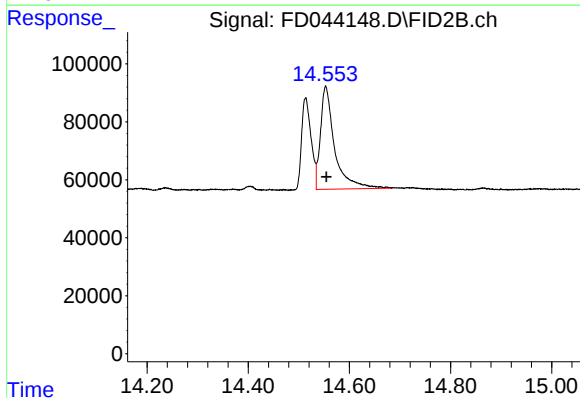
R.T.: 12.640 min
Delta R.T.: -0.003 min
Response: 511758
Conc: 4.05 ug/ml

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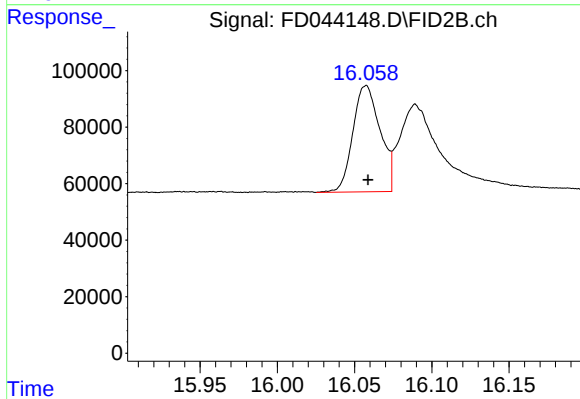
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.514 min
Delta R.T.: -0.001 min
Response: 410777
Conc: 3.87 ug/ml



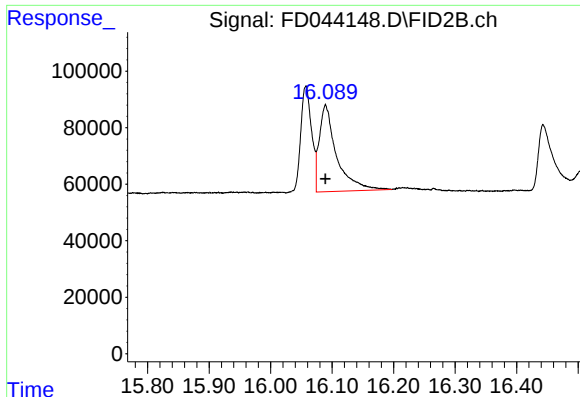
#15 Chrysene (C27.41)

R.T.: 14.553 min
Delta R.T.: -0.001 min
Response: 693205
Conc: 5.29 ug/ml



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

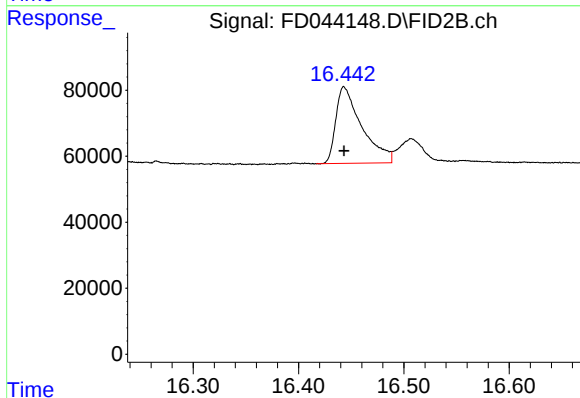
R.T.: 16.057 min
Delta R.T.: -0.001 min
Response: 460803
Conc: 4.11 ug/ml



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

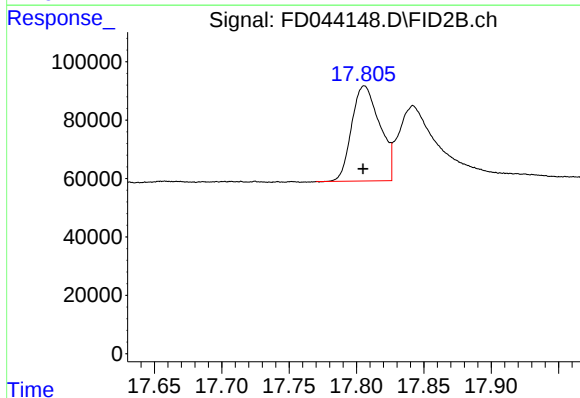
R.T.: 16.090 min
Delta R.T.: 0.000 min
Response: 600376
Conc: 4.72 ug/ml

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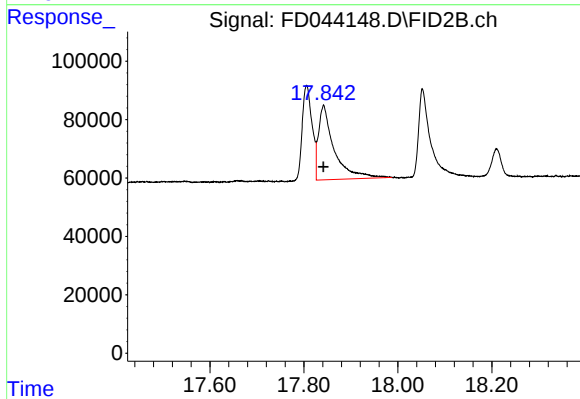
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: 0.000 min
Response: 396570
Conc: 3.41 ug/ml



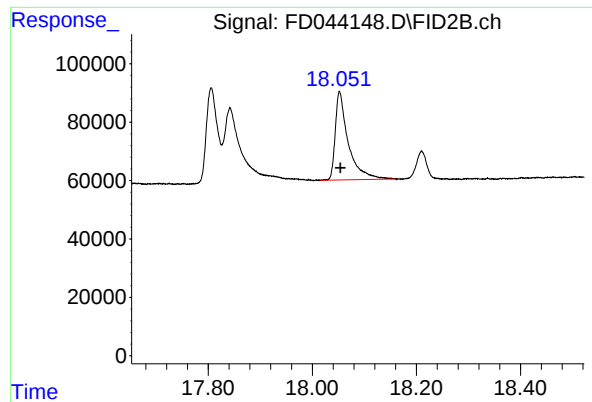
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.806 min
Delta R.T.: 0.001 min
Response: 473802
Conc: 4.44 ug/ml



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

R.T.: 17.842 min
Delta R.T.: 0.000 min
Response: 592721
Conc: 4.79 ug/ml



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

R.T.: 18.053 min
Delta R.T.: 0.000 min
Response: 525632
Conc: 4.48 ug/ml

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