

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070323AR\
 Data File : FD046050.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2023 22:52
 Operator : YP/AJ
 Sample : 03473-02MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 CMC-EME-TOPSOIL-006MSD

Integration File: sample.E
 Quant Time: Jul 05 01:29:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 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...	7.519	8842056	41.031 ug/ml
Spiked Amount 50.000		Recovery =	82.06%
6) S 2-Fluorobiphenyl (SURR)	8.374	5300297	38.296 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.59%
11) S ortho-Terphenyl (SURR)	11.411	5355923	21.126 ug/ml
Spiked Amount 50.000		Recovery =	42.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	6729017	27.013 ug/ml
2) T Naphthalene (C11.7)	5.856	7510804	29.440 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	7704774	30.563 ug/ml
5) T Acenaphthylene (C15.06)	8.178	7844815	36.118 ug/ml
7) T Acenaphthene (C15.5)	8.475	8210244	34.830 ug/ml
8) T Flouorene (C16.55)	9.253	8287747	36.630 ug/ml
9) T Phenanthrene (C19.36)	10.644	8114247	38.028 ug/ml
10) T Anthracene (C19.43)	10.720	7909899	49.781 ug/ml
12) T Fluoranthene (C21.85)	12.450	7727308	37.758 ug/ml
13) T Pyrene (C20.8)	12.746	7738533	39.800 ug/ml
14) T Benzo[a]anthracene (C...	14.610	7226742	40.183 ug/ml
15) T Chrysene (C27.41)	14.654	7282729	37.105 ug/ml
16) T benzo[b]fluoranthene ...	16.155	7407487	39.495 ug/ml
17) T Bnezo[k]fluoranthene ...	16.190	7210067	36.450 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.531	6638738	38.103 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.891	7378914	39.649 ug/ml
20) T Dibenz[a,h]anthracene...	17.932	6967774	37.898 ug/ml
21) T Benzo[g,h,i]perylene ...	18.147	6937701	37.129 ug/ml

(f)=RT Delta > 1/2 Window

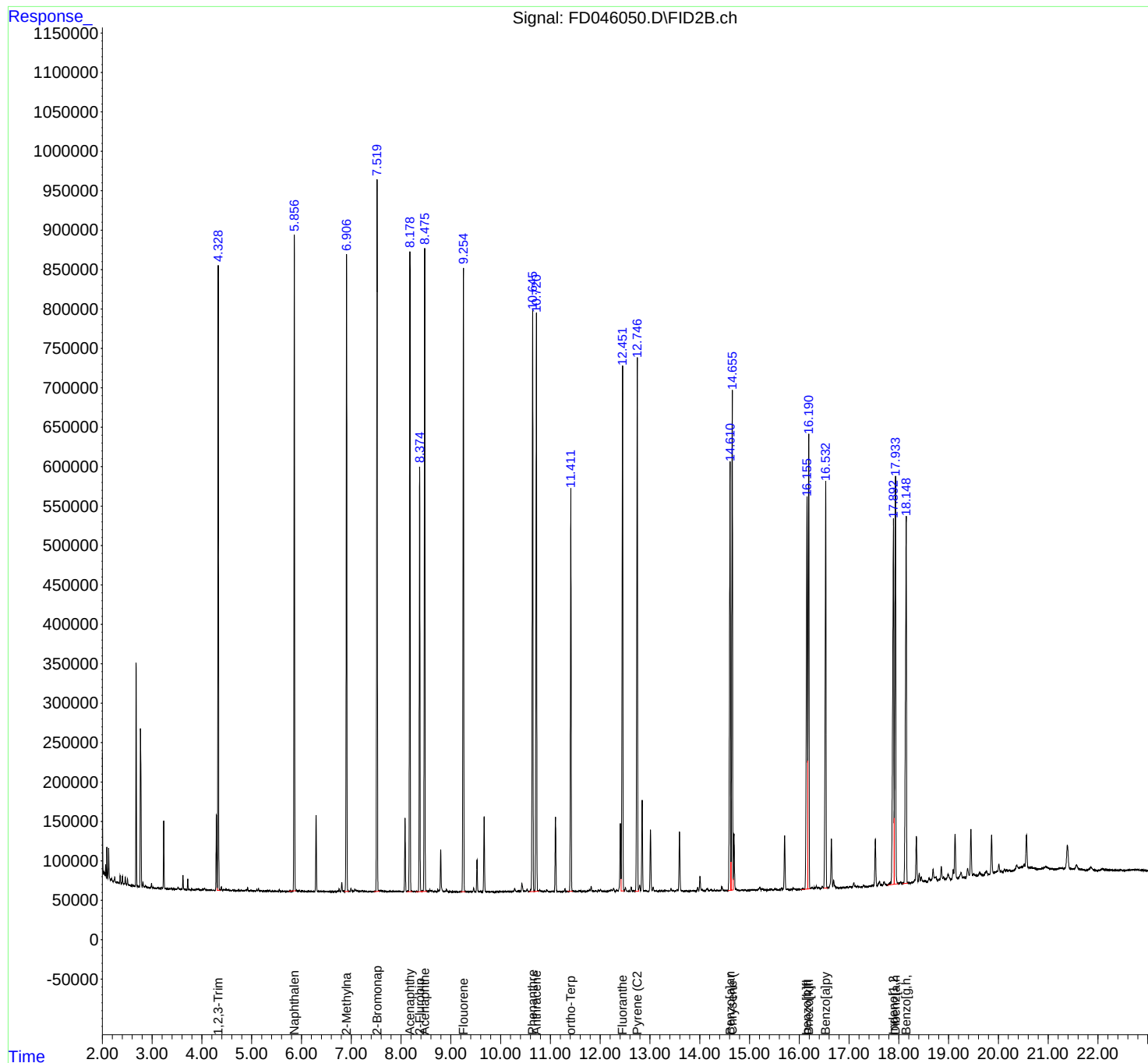
(m)=manual int.

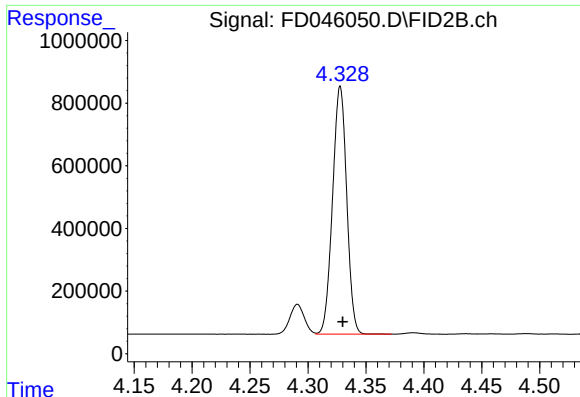
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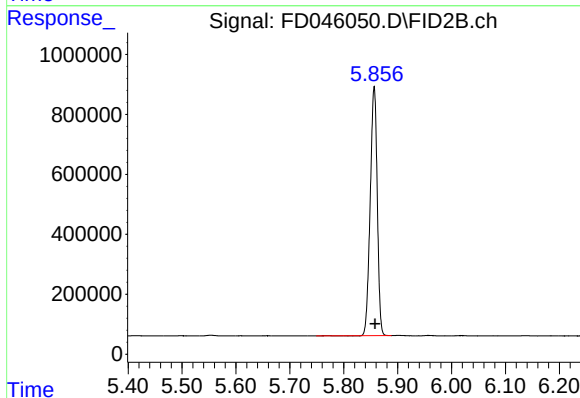




#1 1,2,3-Trimethylbenzene (C10.1)

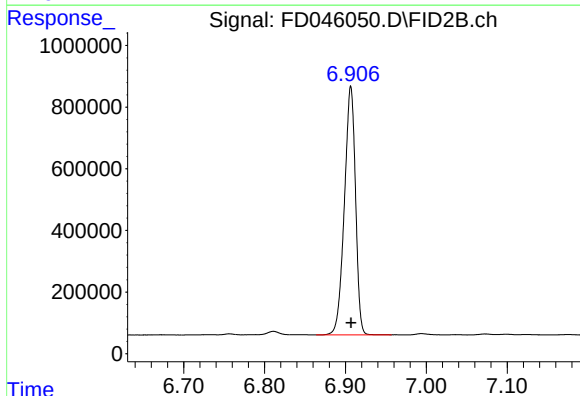
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 6729017
Conc: 27.01 ug/ml

Instrument :
FID_D
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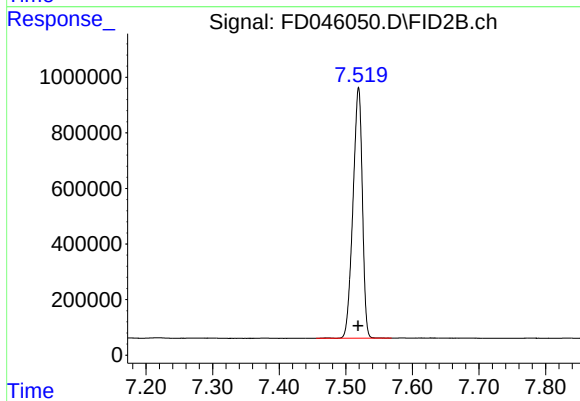
#2 Naphthalene (C11.7)

R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 7510804
Conc: 29.44 ug/ml



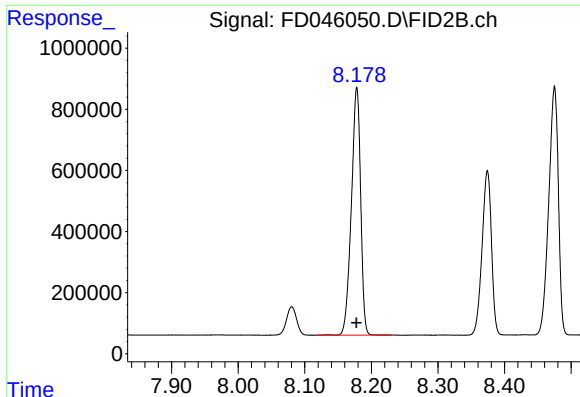
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 7704774
Conc: 30.56 ug/ml



#4 2-Bromonaphthalene (SURR)

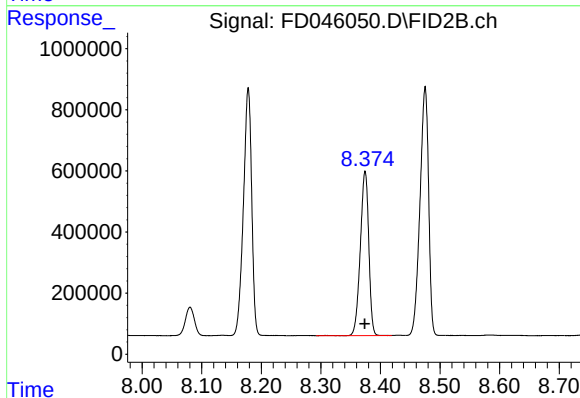
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 8842056
Conc: 41.03 ug/ml



#5 Acenaphthylene (C15.06)

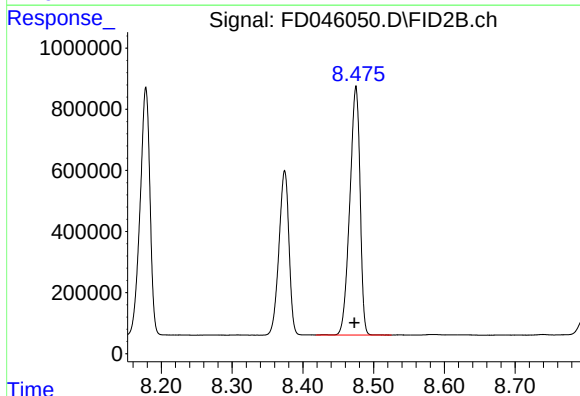
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 7844815
Conc: 36.12 ug/ml

Instrument :
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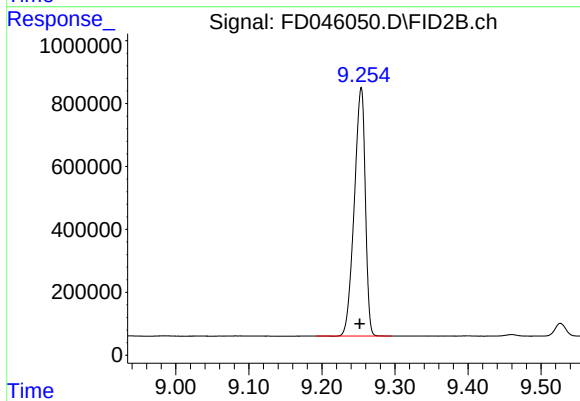
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 5300297
Conc: 38.30 ug/ml



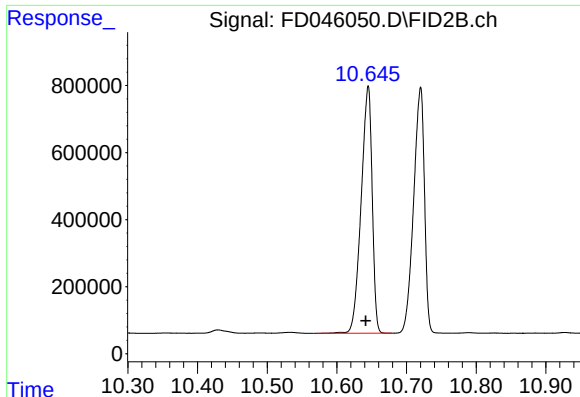
#7 Acenaphthene (C15.5)

R.T.: 8.475 min
Delta R.T.: 0.002 min
Response: 8210244
Conc: 34.83 ug/ml



#8 Flouorene (C16.55)

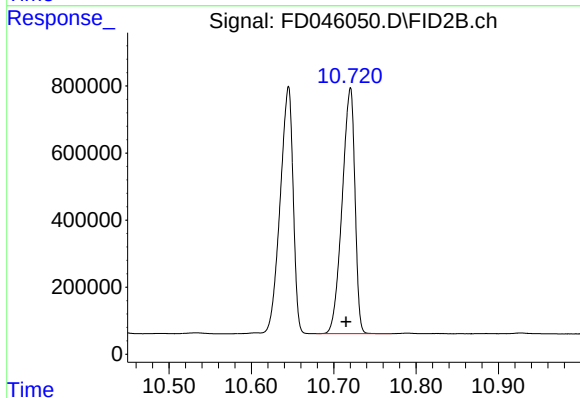
R.T.: 9.253 min
Delta R.T.: 0.002 min
Response: 8287747
Conc: 36.63 ug/ml



#9 Phenanthrene (C19.36)

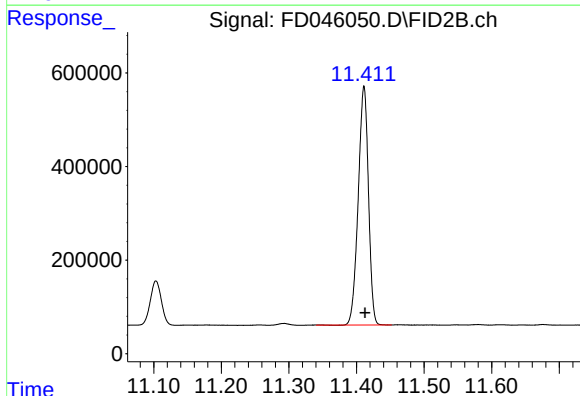
R.T.: 10.644 min
Delta R.T.: 0.003 min
Response: 8114247
Conc: 38.03 ug/ml

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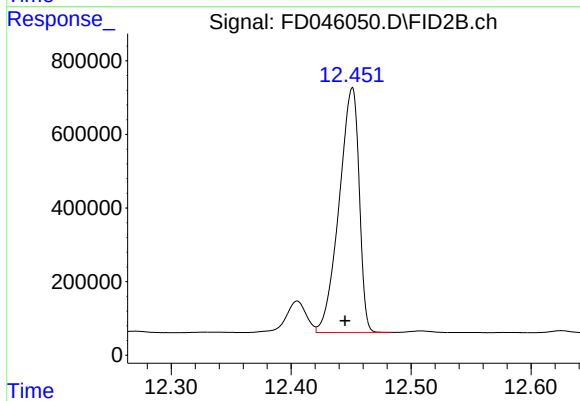
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: 0.005 min
Response: 7909899
Conc: 49.78 ug/ml



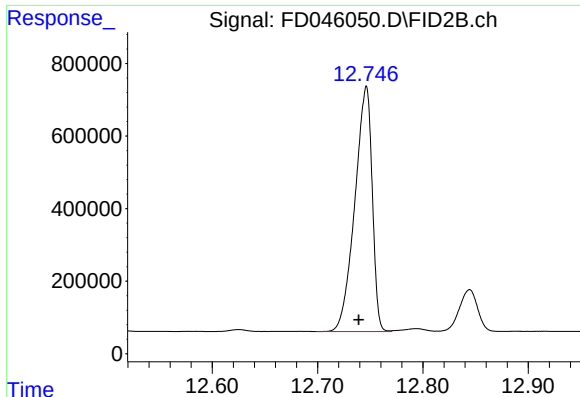
#11 ortho-Terphenyl (SURR)

R.T.: 11.411 min
Delta R.T.: -0.002 min
Response: 5355923
Conc: 21.13 ug/ml



#12 Fluoranthene (C21.85)

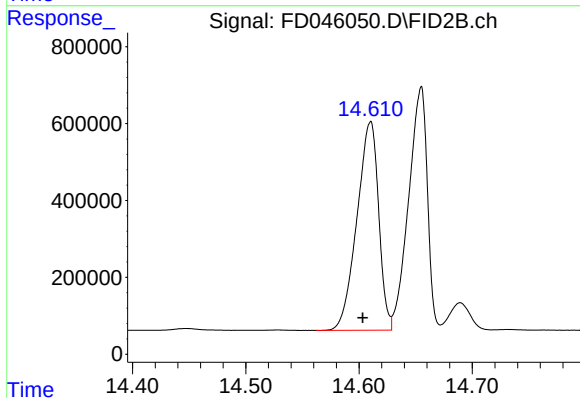
R.T.: 12.450 min
Delta R.T.: 0.005 min
Response: 7727308
Conc: 37.76 ug/ml



#13 Pyrene (C20.8)

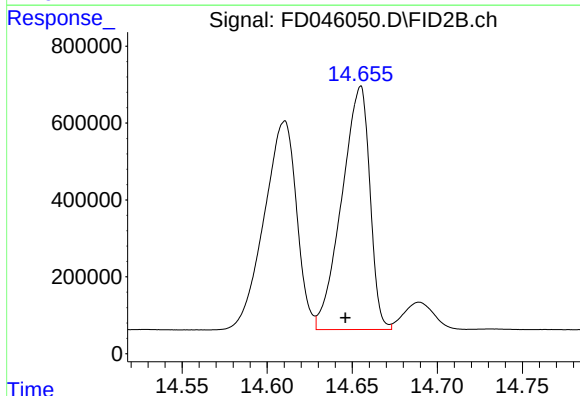
R.T.: 12.746 min
Delta R.T.: 0.006 min
Response: 7738533
Conc: 39.80 ug/ml

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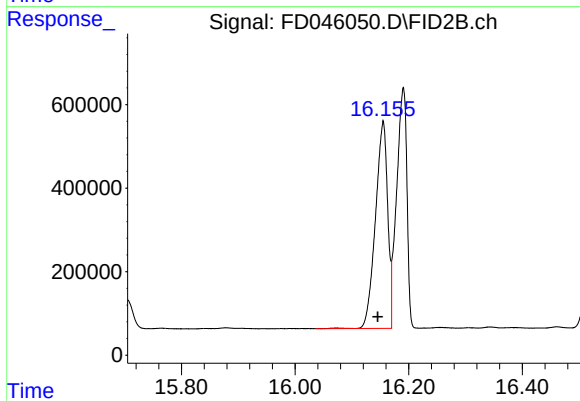
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.610 min
Delta R.T.: 0.006 min
Response: 7226742
Conc: 40.18 ug/ml



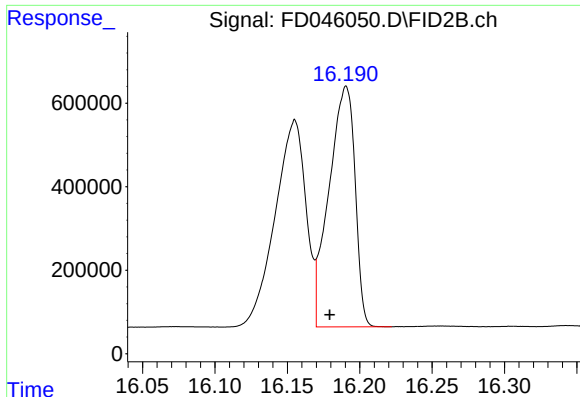
#15 Chrysene (C27.41)

R.T.: 14.654 min
Delta R.T.: 0.008 min
Response: 7282729
Conc: 37.10 ug/ml



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

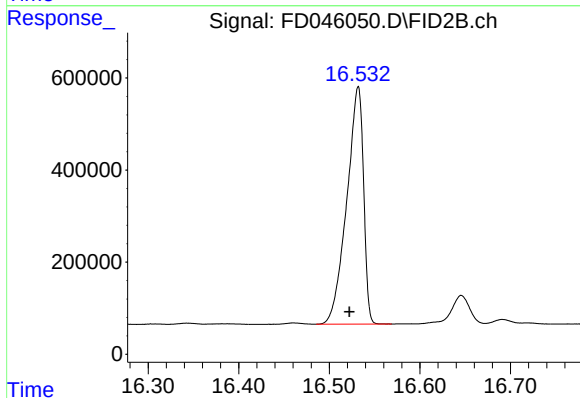
R.T.: 16.155 min
Delta R.T.: 0.009 min
Response: 7407487
Conc: 39.49 ug/ml



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

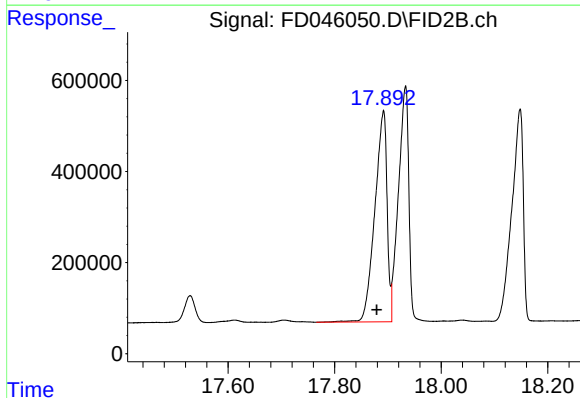
R.T.: 16.190 min
Delta R.T.: 0.011 min
Response: 7210067
Conc: 36.45 ug/ml

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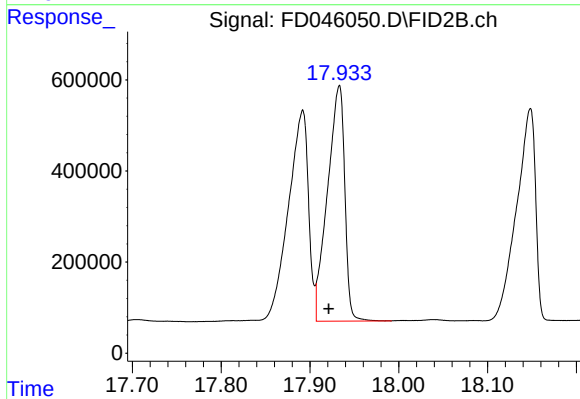
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.531 min
Delta R.T.: 0.009 min
Response: 6638738
Conc: 38.10 ug/ml



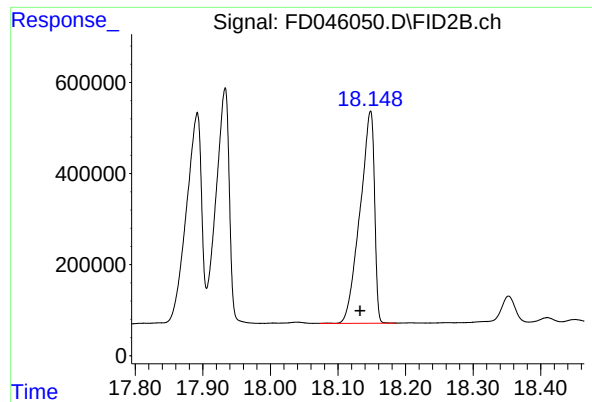
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.891 min
Delta R.T.: 0.012 min
Response: 7378914
Conc: 39.65 ug/ml



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

R.T.: 17.932 min
Delta R.T.: 0.011 min
Response: 6967774
Conc: 37.90 ug/ml



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

R.T.: 18.147 min
Delta R.T.: 0.015 min
Response: 6937701
Conc: 37.13 ug/ml

Instrument :

FID_D

ClientSampleId :

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