

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102922AR\
 Data File : FD044334.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 16:22
 Operator : YP/AJ
 Sample : PB148612BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB148612BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: sample.E
 Quant Time: Oct 30 01:24:21 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...	7.411	4915162	39.588 ug/ml
Spiked Amount 50.000		Recovery =	79.18%
6) S 2-Fluorobiphenyl (SURR)	8.269	3054644	40.567 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.13%
11) S ortho-Terphenyl (SURR)	11.293	5797678	34.253 ug/ml
Spiked Amount 50.000		Recovery =	68.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.221	3937794	27.898 ug/mlm
2) T Naphthalene (C11.7)	5.753	4461384	32.542 ug/ml
3) T 2-Methylnaphthalene (...)	6.799	4355913	30.727 ug/ml
5) T Acenaphthylene (C15.06)	8.067	4765915	33.973 ug/ml
7) T Acenaphthene (C15.5)	8.358	5633158	36.225 ug/ml
8) T Flouorene (C16.55)	9.139	5169270	36.745 ug/ml
9) T Phenanthrene (C19.36)	10.531	5421340	40.256 ug/ml
10) T Anthracene (C19.43)	10.608	5492215	40.874 ug/ml
12) T Fluoranthene (C21.85)	12.336	5429134	40.653 ug/ml
13) T Pyrene (C20.8)	12.630	4650231	36.816 ug/ml
14) T Benzo[a]anthracene (C...	14.500	4565637	42.984 ug/ml
15) T Chrysene (C27.41)	14.543	5910263	45.086 ug/ml
16) T benzo[b]fluoranthene ...	16.048	4714956	42.013 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	5198123	40.857 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.427	3490040	30.035 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.793	4048469	37.975 ug/ml
20) T Dibenz[a,h]anthracene...	17.826	4841175	39.132 ug/ml
21) T Benzo[g,h,i]perylene ...	18.043	4447380	37.883 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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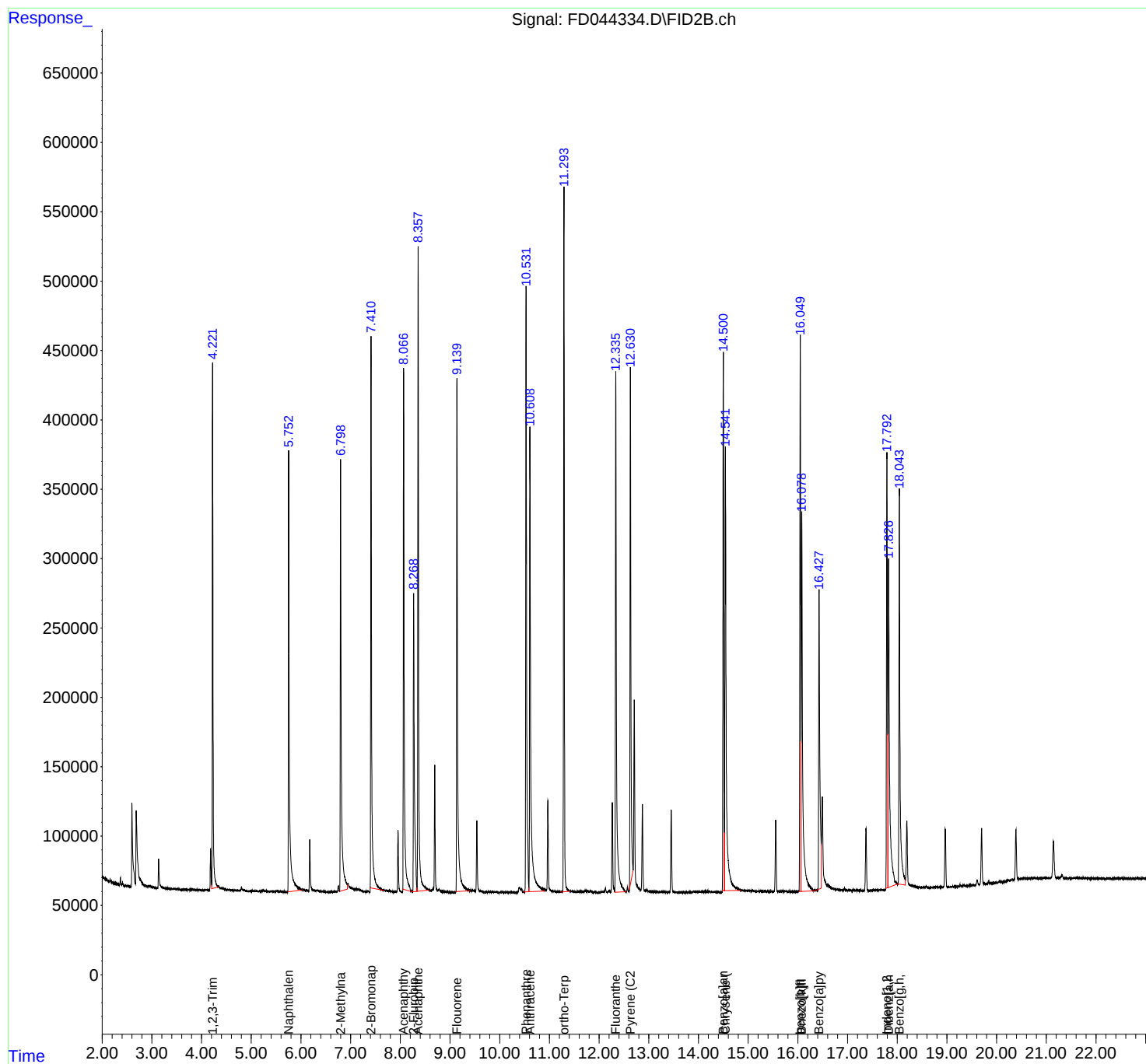
Instrument :
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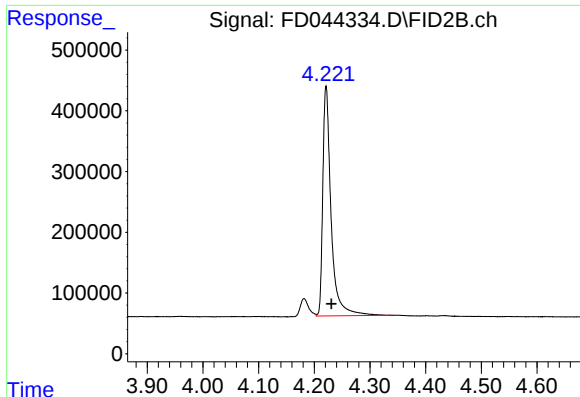
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.221 min
Delta R.T.: -0.010 min
Response: 3937794
Conc: 27.90 ug/ml

Instrument :

FID_D

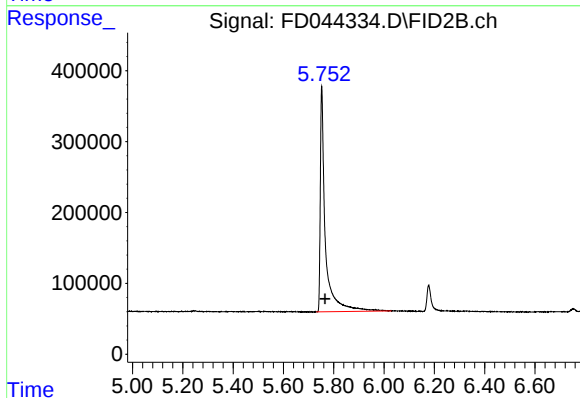
ClientSampleId :

PB148612BSD

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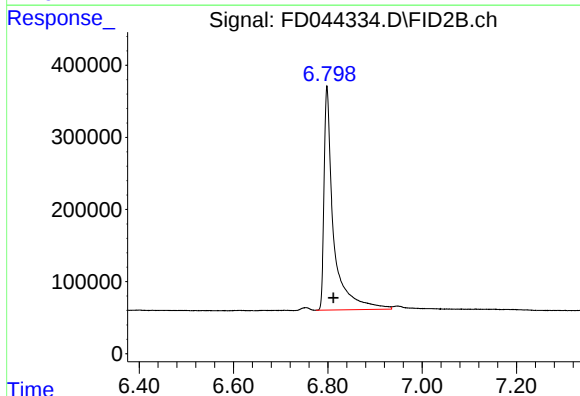
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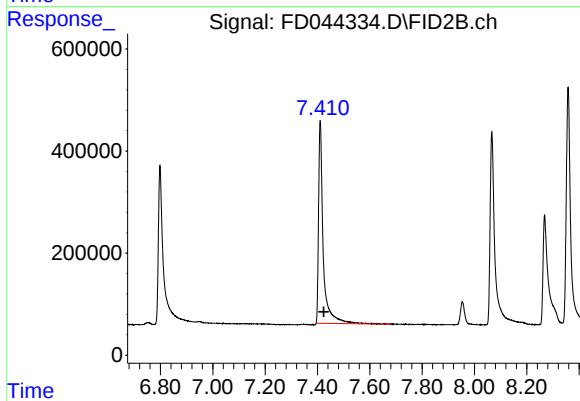
#2 Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.013 min
Response: 4461384
Conc: 32.54 ug/ml



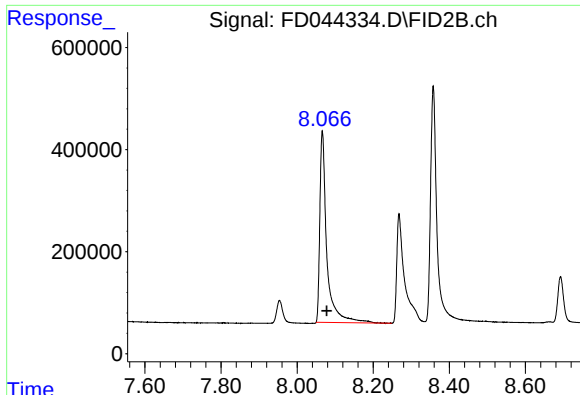
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.799 min
Delta R.T.: -0.013 min
Response: 4355913
Conc: 30.73 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.411 min
Delta R.T.: -0.013 min
Response: 4915162
Conc: 39.59 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.067 min
Delta R.T.: -0.012 min
Response: 4765915
Conc: 33.97 ug/ml

Instrument :

FID_D

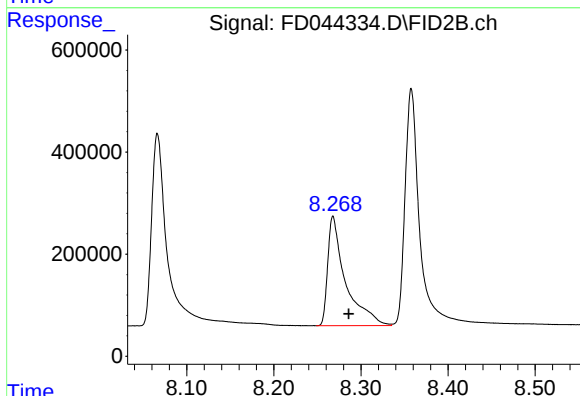
ClientSampleId :

PB148612BSD

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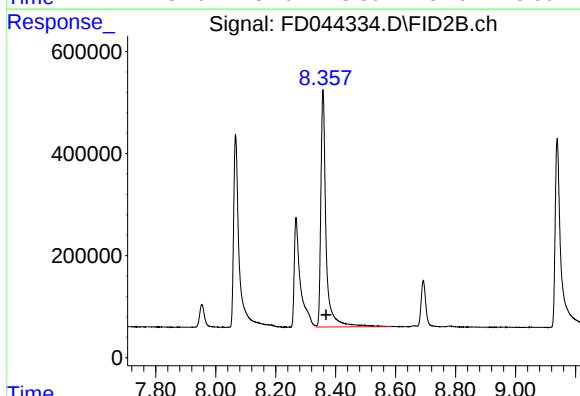
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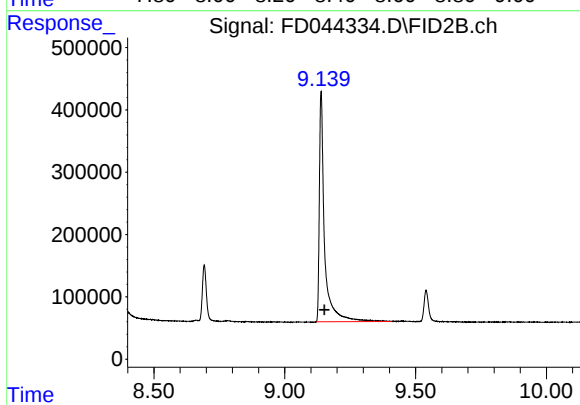
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.269 min
Delta R.T.: -0.017 min
Response: 3054644
Conc: 40.57 ug/ml



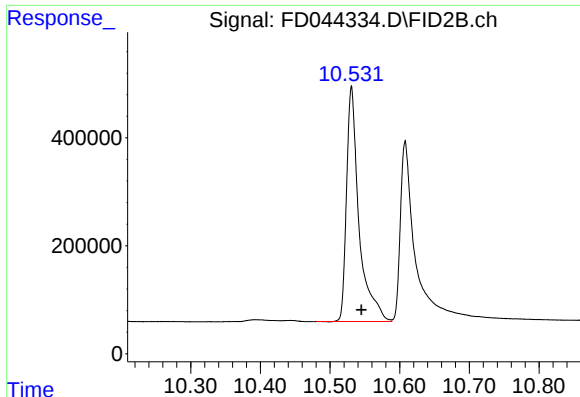
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: -0.010 min
Response: 5633158
Conc: 36.22 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.139 min
Delta R.T.: -0.013 min
Response: 5169270
Conc: 36.74 ug/ml



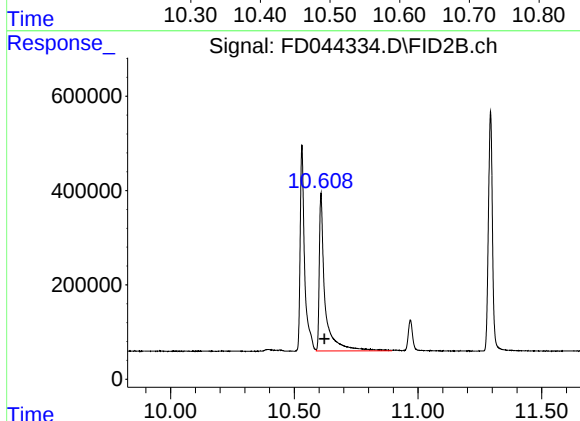
#9 Phenanthrene (C19.36)

R.T.: 10.531 min
Delta R.T.: -0.014 min
Response: 5421340
Conc: 40.26 ug/ml

Instrument :
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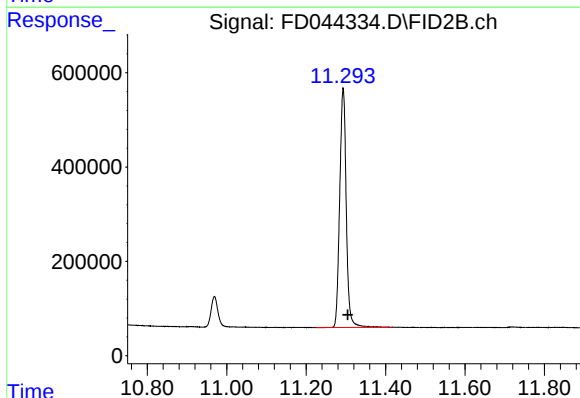
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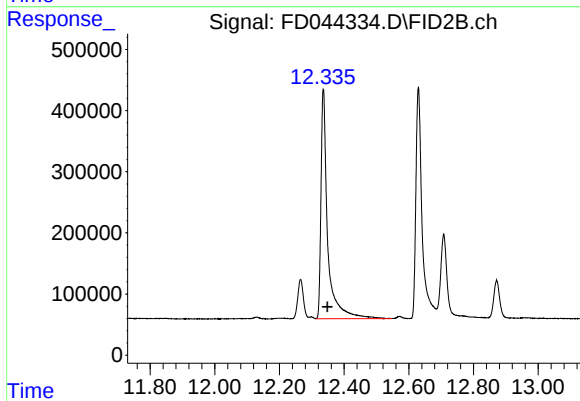
#10 Anthracene (C19.43)

R.T.: 10.608 min
Delta R.T.: -0.013 min
Response: 5492215
Conc: 40.87 ug/ml



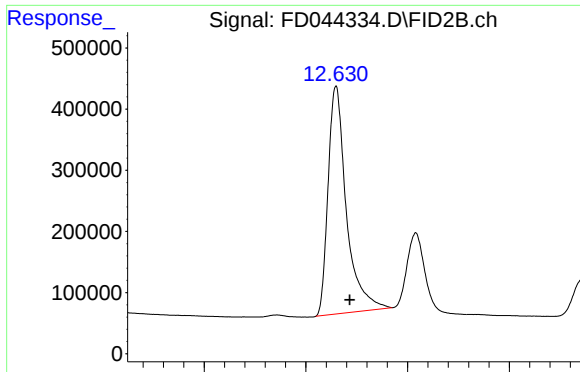
#11 ortho-Terphenyl (SURR)

R.T.: 11.293 min
Delta R.T.: -0.011 min
Response: 5797678
Conc: 34.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.336 min
Delta R.T.: -0.013 min
Response: 5429134
Conc: 40.65 ug/ml



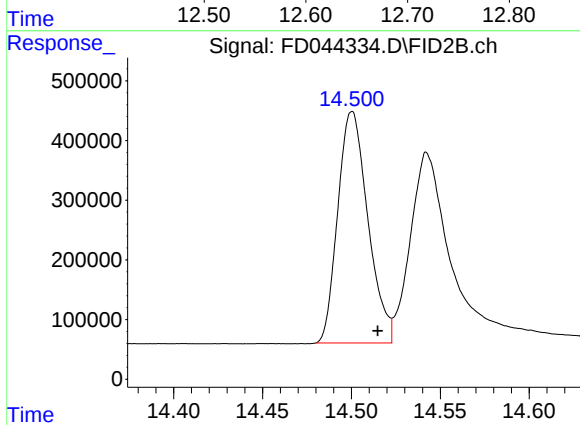
#13 Pyrene (C20.8)

R.T.: 12.630 min
Delta R.T.: -0.013 min
Response: 4650231
Conc: 36.82 ug/ml

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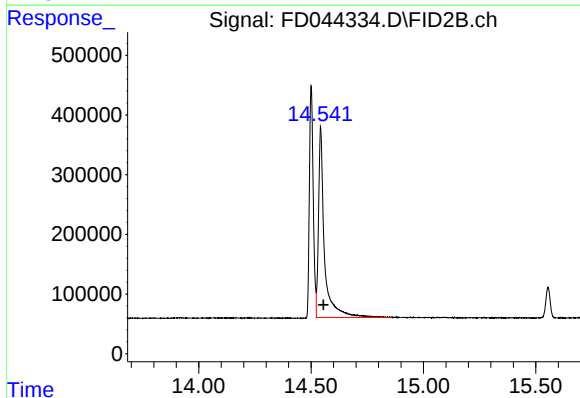
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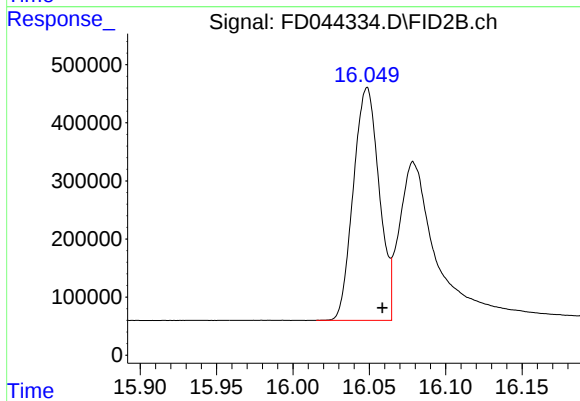
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.500 min
Delta R.T.: -0.014 min
Response: 4565637
Conc: 42.98 ug/ml



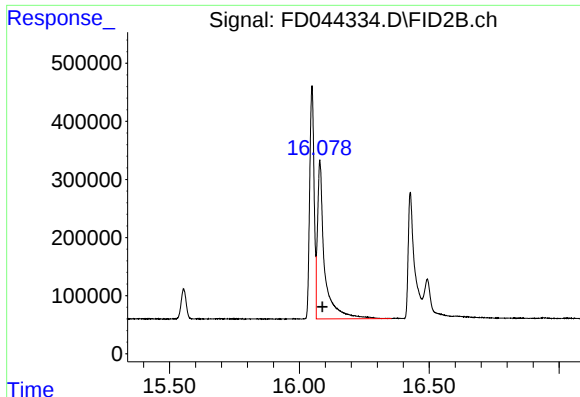
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: -0.012 min
Response: 5910263
Conc: 45.09 ug/ml



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

R.T.: 16.048 min
Delta R.T.: -0.010 min
Response: 4714956
Conc: 42.01 ug/ml



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

R.T.: 16.079 min
Delta R.T.: -0.010 min
Response: 5198123
Conc: 40.86 ug/ml

Instrument :

FID_D

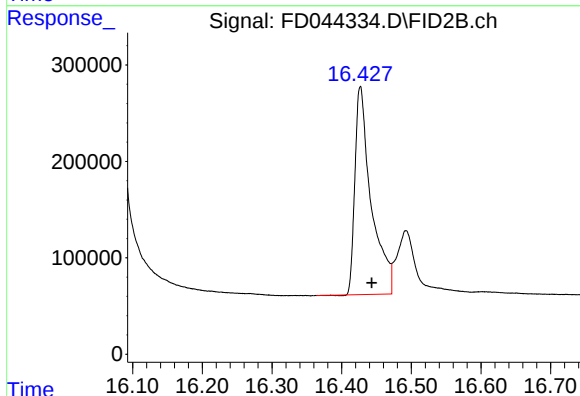
ClientSampleId :

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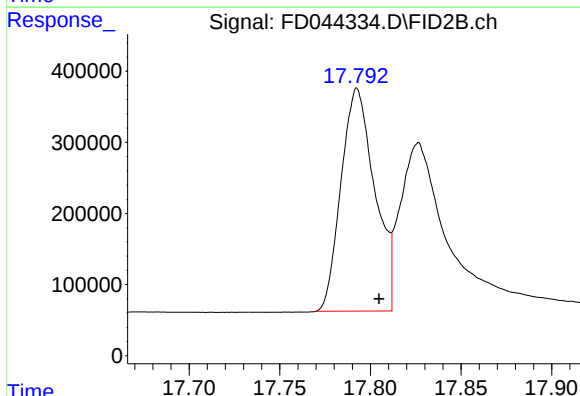
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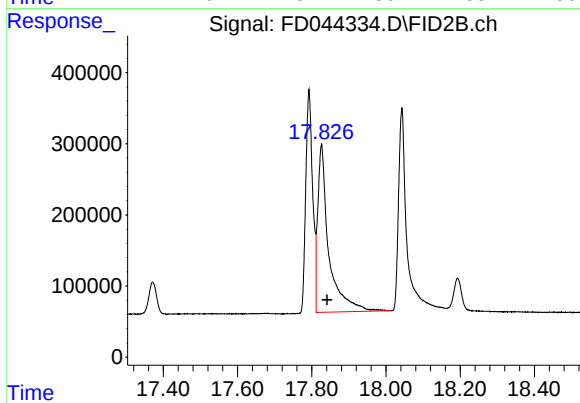
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.427 min
Delta R.T.: -0.016 min
Response: 3490040
Conc: 30.03 ug/ml



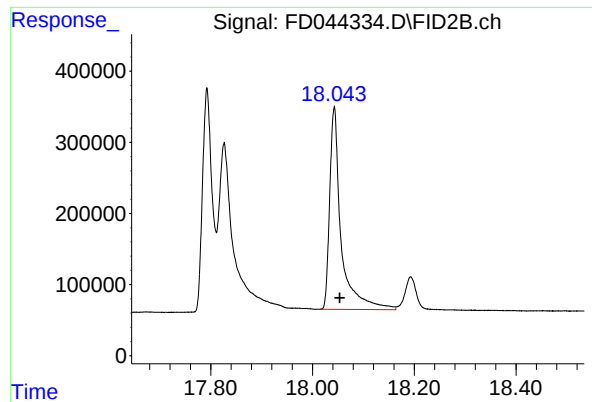
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.793 min
Delta R.T.: -0.012 min
Response: 4048469
Conc: 37.98 ug/ml



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

R.T.: 17.826 min
Delta R.T.: -0.015 min
Response: 4841175
Conc: 39.13 ug/ml



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

R.T.: 18.043 min
Delta R.T.: -0.011 min
Response: 4447380
Conc: 37.88 ug/ml

Instrument :

FID_D

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