

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102922AR\
 Data File : FD044333.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 15:40
 Operator : YP/AJ
 Sample : PB148612BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB148612BS

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 01:24:12 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...	7.412	4966258	40.000 ug/ml
Spiked Amount 50.000		Recovery =	80.00%
6) S 2-Fluorobiphenyl (SURR)	8.270	3022850	40.145 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.29%
11) S ortho-Terphenyl (SURR)	11.292	5751837	33.982 ug/ml
Spiked Amount 50.000		Recovery =	67.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	3855610	27.316 ug/mlm
2) T Naphthalene (C11.7)	5.754	4404289	32.126 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	4306146	30.376 ug/ml
5) T Acenaphthylene (C15.06)	8.067	4764470	33.963 ug/ml
7) T Acenaphthene (C15.5)	8.358	5597703	35.997 ug/ml
8) T Flouorene (C16.55)	9.140	5100160	36.253 ug/ml
9) T Phenanthrene (C19.36)	10.530	5388218	40.010 ug/ml
10) T Anthracene (C19.43)	10.607	5531837	41.169 ug/ml
12) T Fluoranthene (C21.85)	12.335	5396288	40.407 ug/ml
13) T Pyrene (C20.8)	12.629	4584874	36.298 ug/ml
14) T Benzo[a]anthracene (C...	14.501	4527923	42.629 ug/ml
15) T Chrysene (C27.41)	14.542	5786781	44.144 ug/ml
16) T benzo[b]fluoranthene ...	16.048	4657143	41.498 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	5142358	40.418 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.427	3468197	29.847 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	3922287	36.791 ug/ml
20) T Dibenz[a,h]anthracene...	17.826	4782384	38.656 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	4391368	37.406 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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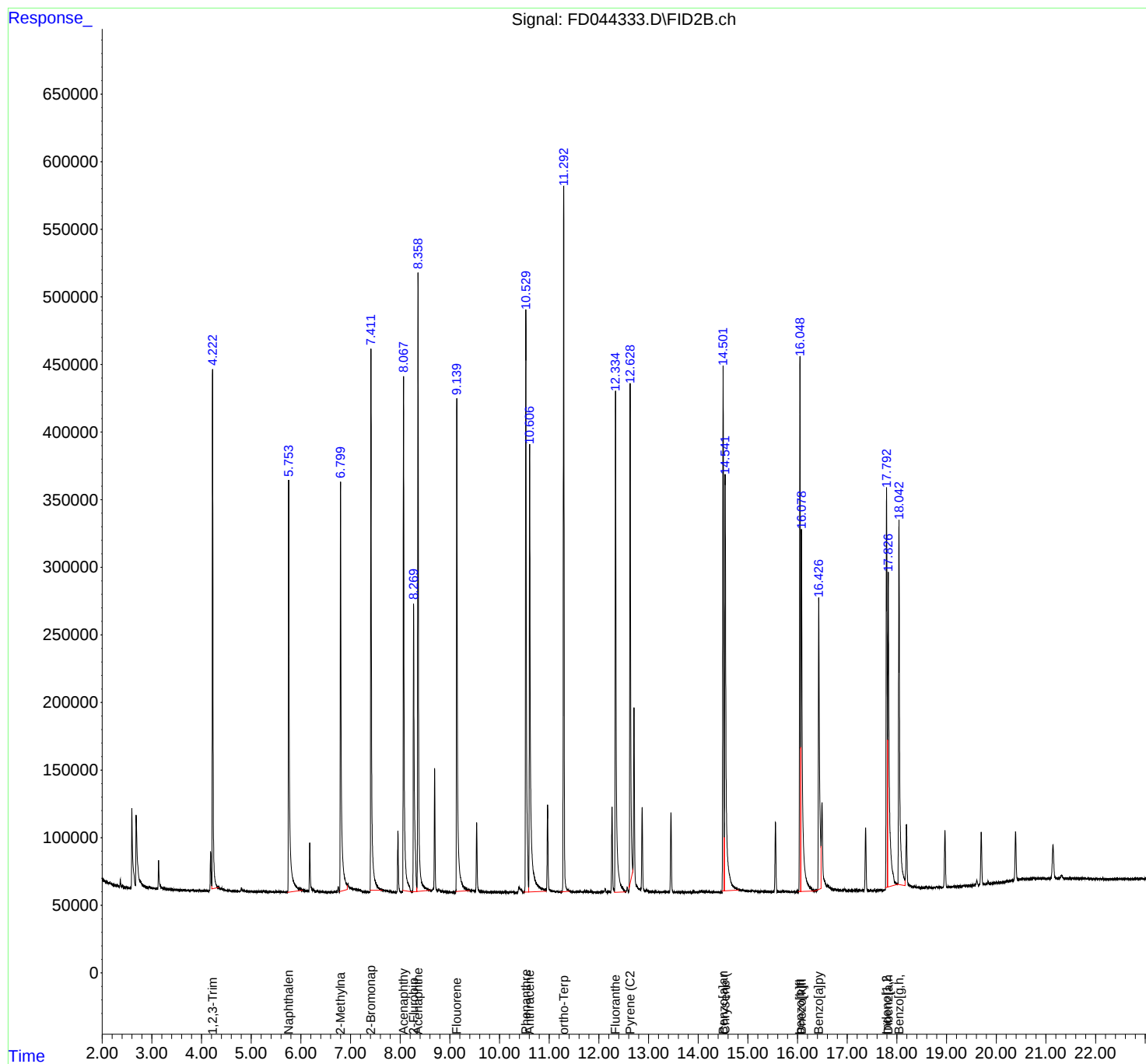
Instrument :
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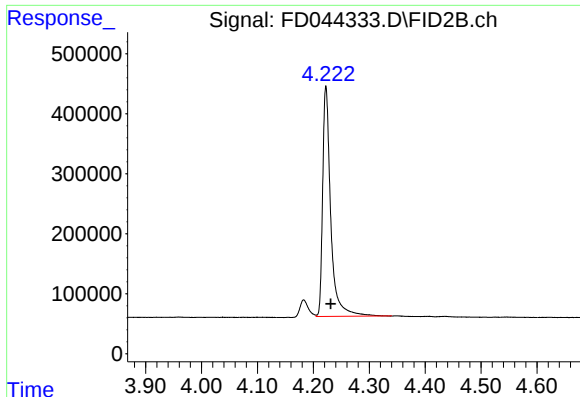
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.222 min
Delta R.T.: -0.009 min
Response: 3855610
Conc: 27.32 ug/ml

Instrument :

FID_D

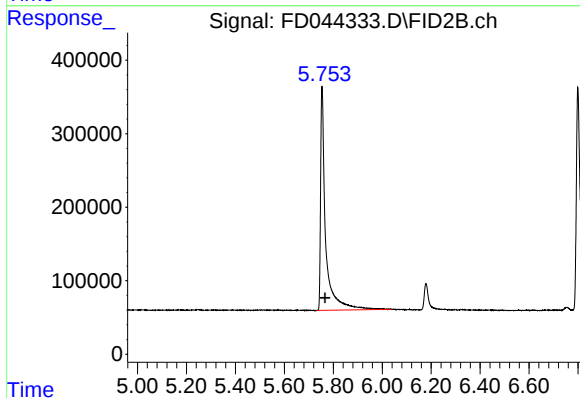
ClientSampleId :

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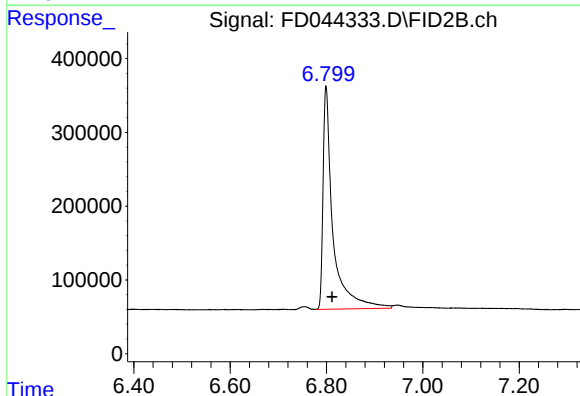
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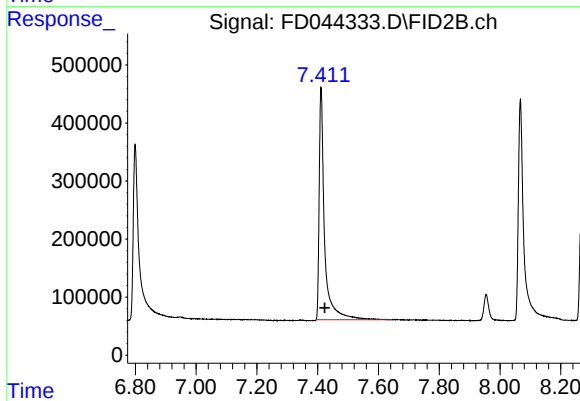
#2 Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: -0.011 min
Response: 4404289
Conc: 32.13 ug/ml



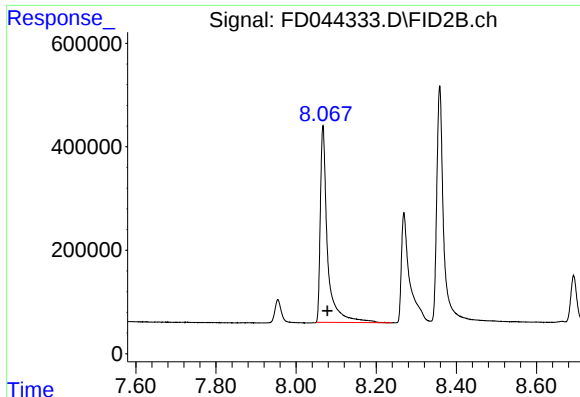
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.012 min
Response: 4306146
Conc: 30.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.412 min
Delta R.T.: -0.012 min
Response: 4966258
Conc: 40.00 ug/ml



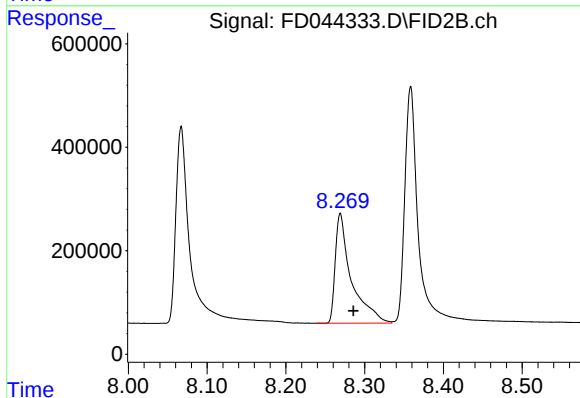
#5 Acenaphthylene (C15.06)

R.T.: 8.067 min
Delta R.T.: -0.011 min
Response: 4764470
Conc: 33.96 ug/ml

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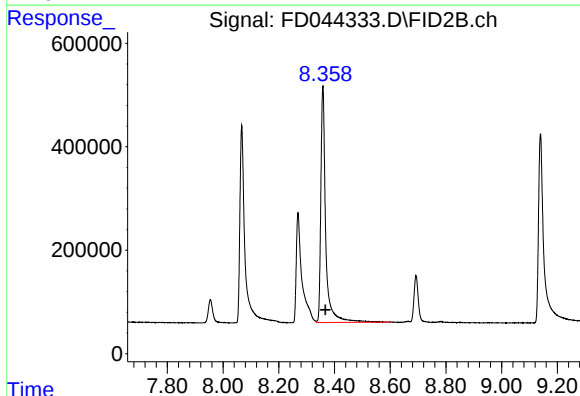
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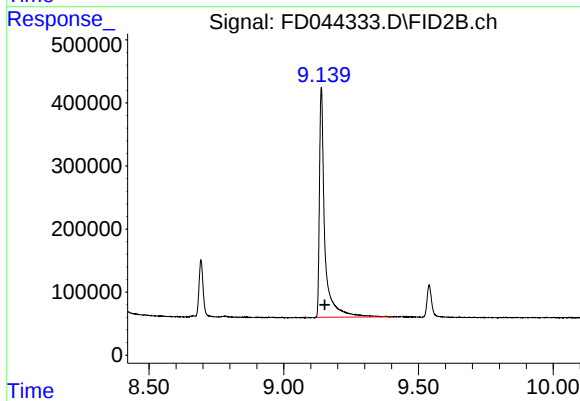
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.270 min
Delta R.T.: -0.016 min
Response: 3022850
Conc: 40.14 ug/ml



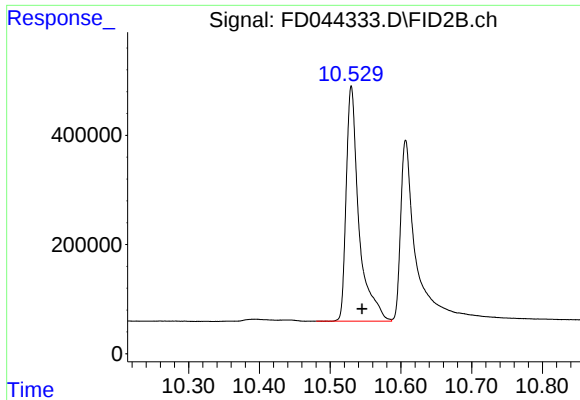
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: -0.009 min
Response: 5597703
Conc: 36.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.140 min
Delta R.T.: -0.012 min
Response: 5100160
Conc: 36.25 ug/ml



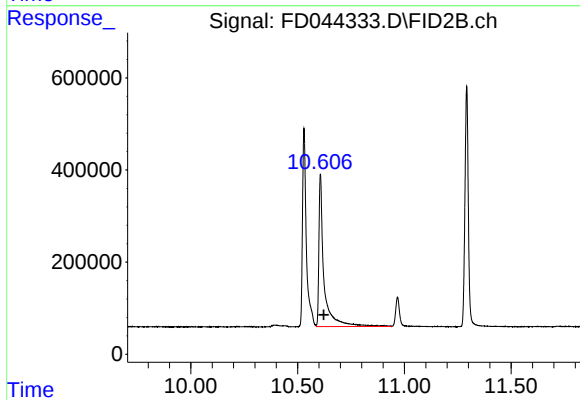
#9 Phenanthrene (C19.36)

R.T.: 10.530 min
Delta R.T.: -0.015 min
Response: 5388218
Conc: 40.01 ug/ml

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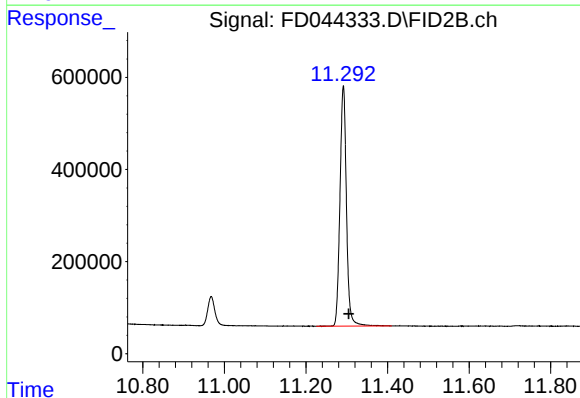
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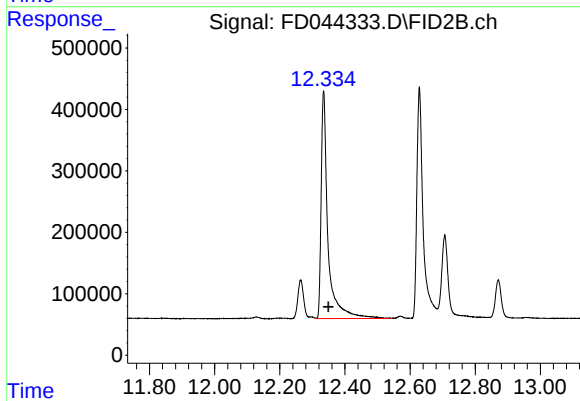
#10 Anthracene (C19.43)

R.T.: 10.607 min
Delta R.T.: -0.015 min
Response: 5531837
Conc: 41.17 ug/ml



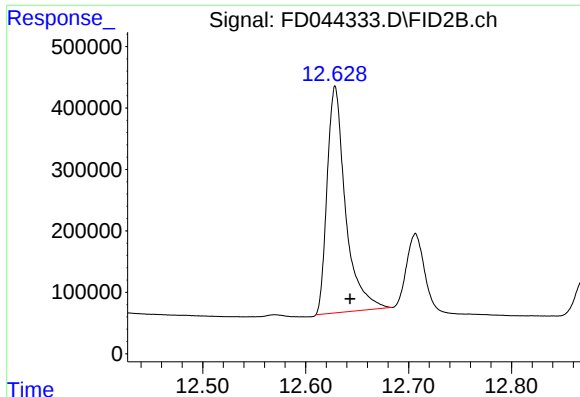
#11 ortho-Terphenyl (SURR)

R.T.: 11.292 min
Delta R.T.: -0.013 min
Response: 5751837
Conc: 33.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.335 min
Delta R.T.: -0.014 min
Response: 5396288
Conc: 40.41 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.629 min
Delta R.T.: -0.014 min
Response: 4584874
Conc: 36.30 ug/ml

Instrument :

FID_D

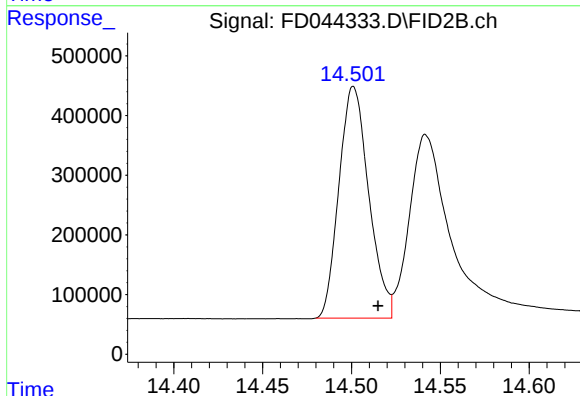
ClientSampleId :

PB148612BS

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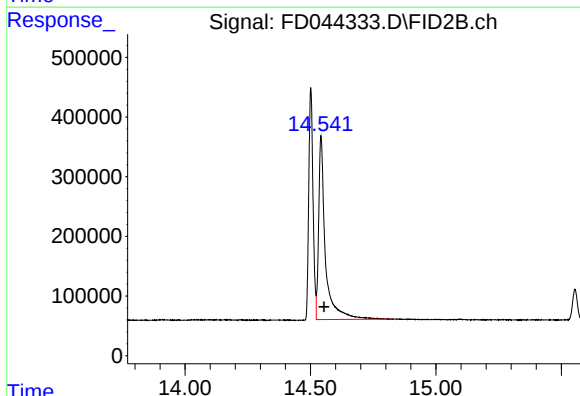
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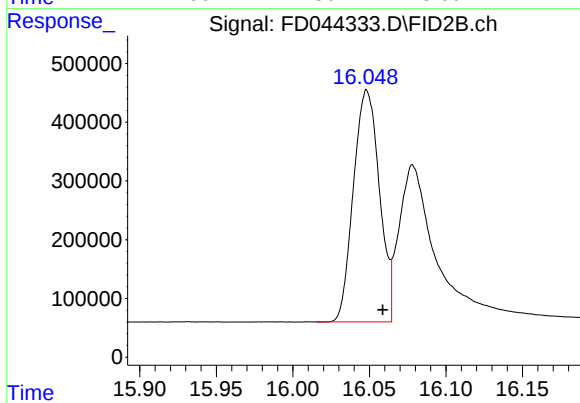
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.501 min
Delta R.T.: -0.014 min
Response: 4527923
Conc: 42.63 ug/ml



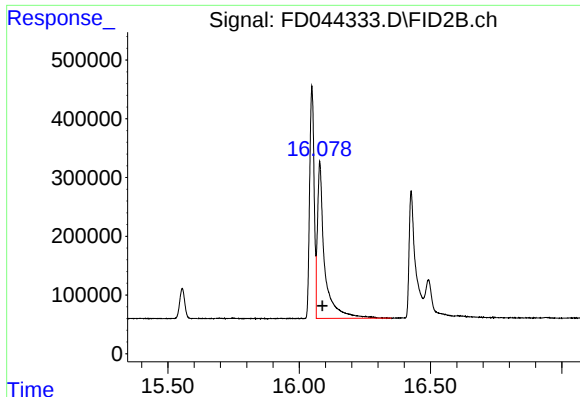
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: -0.013 min
Response: 5786781
Conc: 44.14 ug/ml



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

R.T.: 16.048 min
Delta R.T.: -0.010 min
Response: 4657143
Conc: 41.50 ug/ml



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

R.T.: 16.079 min
Delta R.T.: -0.011 min
Response: 5142358
Conc: 40.42 ug/ml

Instrument :

FID_D

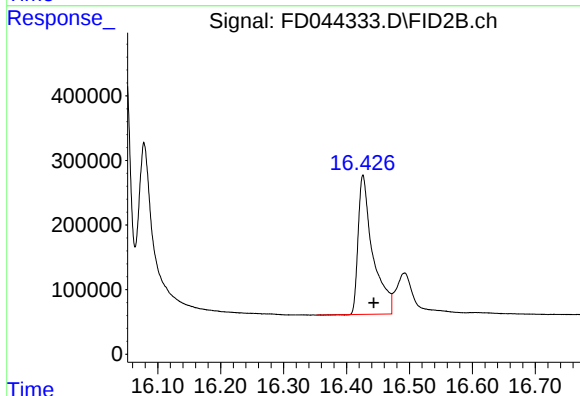
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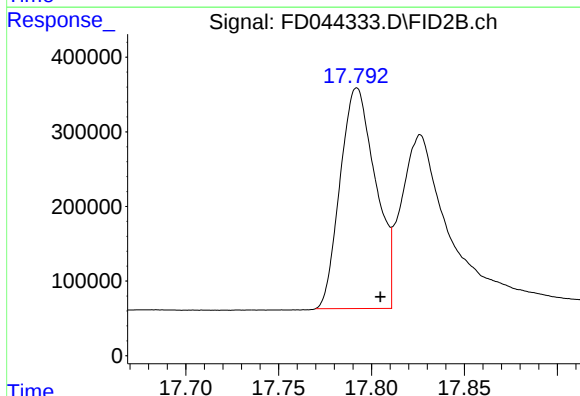
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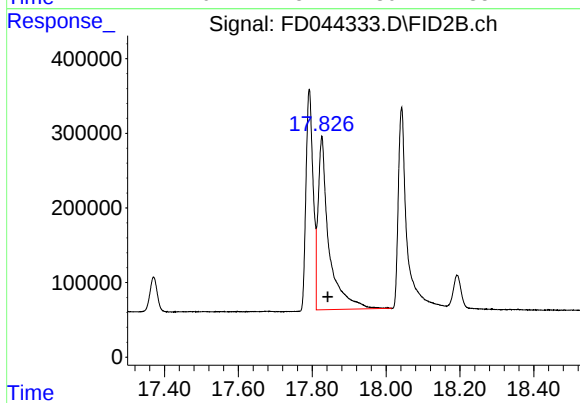
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.427 min
Delta R.T.: -0.017 min
Response: 3468197
Conc: 29.85 ug/ml



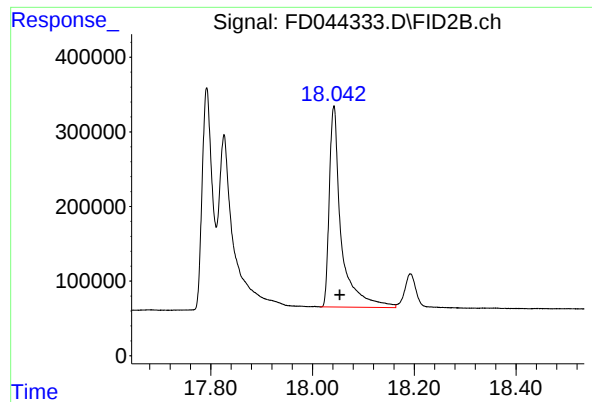
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.792 min
Delta R.T.: -0.013 min
Response: 3922287
Conc: 36.79 ug/ml



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

R.T.: 17.826 min
Delta R.T.: -0.016 min
Response: 4782384
Conc: 38.66 ug/ml



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

R.T.: 18.042 min
Delta R.T.: -0.012 min
Response: 4391368
Conc: 37.41 ug/ml

Instrument :

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