

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092822AR\
 Data File : FD043993.D
 Signal(s) : FID2B.ch
 Acq On : 28 Sep 2022 22:17
 Operator : YP/AJ
 Sample : N4783-01MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File: autoint1.e
 Quant Time: Sep 29 03:44:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.419	5447392	41.400 ug/mlm
Spiked Amount 50.000		Recovery =	82.80%
6) S 2-Fluorobiphenyl (SURR)	8.274	3503677	48.569 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.14%
11) S ortho-Terphenyl (SURR)	11.305	5371891	28.836 ug/ml
Spiked Amount 50.000		Recovery =	57.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.227	3777027	25.132 ug/mlm
2) T Naphthalene (C11.7)	5.759	4211384	29.575 ug/mlm
3) T 2-Methylnaphthalene (...)	6.805	4423750	30.239 ug/ml
5) T Acenaphthylene (C15.06)	8.076	4596559	29.788 ug/mlm
7) T Acenaphthene (C15.5)	8.369	5230982	29.890 ug/ml
8) T Flouorene (C16.55)	9.147	4892174	33.284 ug/mlm
9) T Phenanthrene (C19.36)	10.539	5028228	34.747 ug/ml
10) T Anthracene (C19.43)	10.615	5037595	34.326 ug/ml
12) T Fluoranthene (C21.85)	12.344	4922806	32.096 ug/ml
13) T Pyrene (C20.8)	12.639	4799767	32.266 ug/ml
14) T Benzo[a]anthracene (C...	14.507	4232065	37.857 ug/ml
15) T Chrysene (C27.41)	14.549	4752850	30.412 ug/ml
16) T benzo[b]fluoranthene ...	16.054	4248784	36.433 ug/ml
17) T Bnezo[k]fluoranthene ...	16.085	4329256	29.160 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	3659514	30.212 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	3959764	41.647 ug/ml
20) T Dibenz[a,h]anthracene...	17.830	4345176	36.170 ug/ml
21) T Benzo[g,h,i]perylene ...	18.047	4303768	37.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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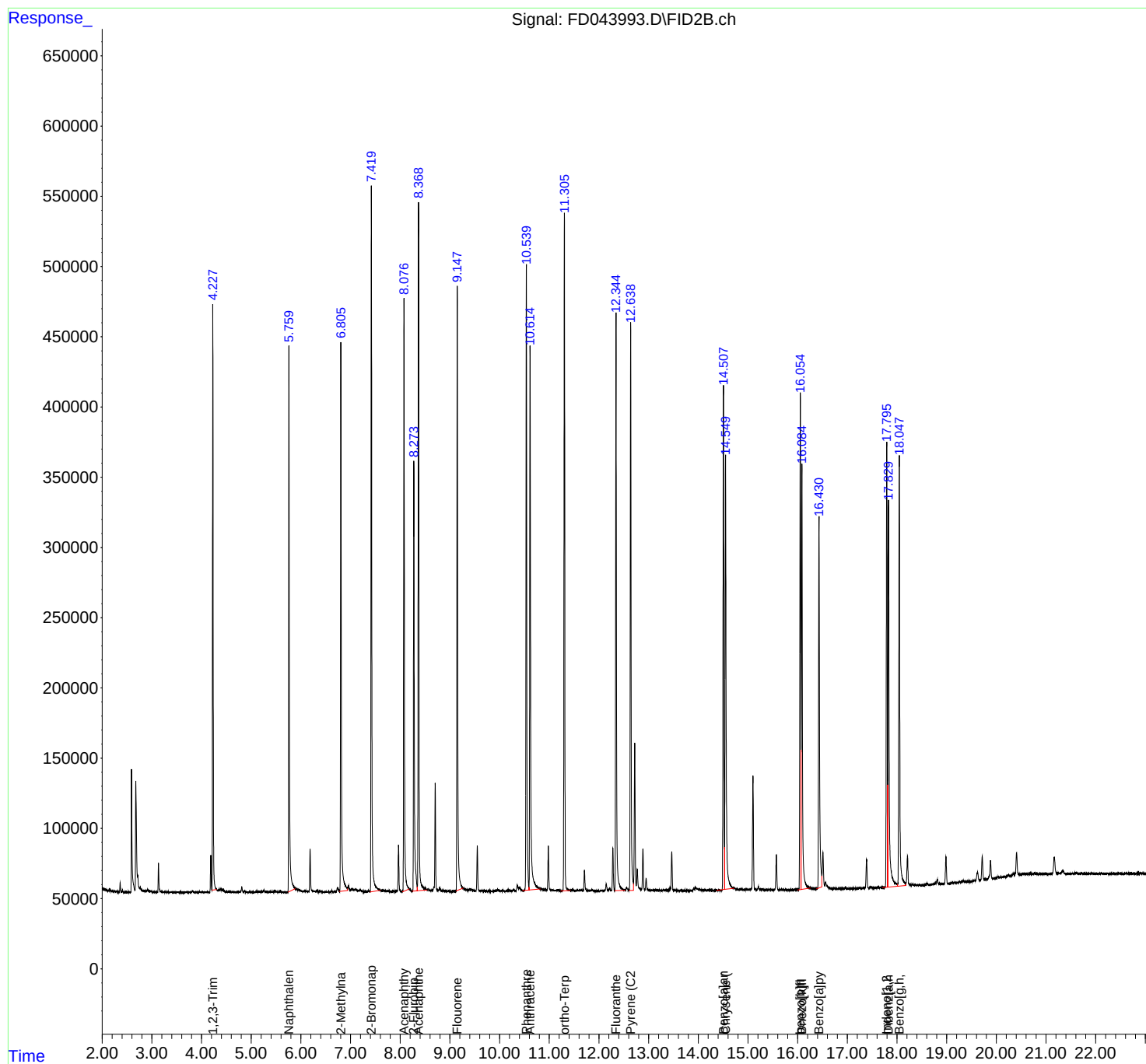
Instrument :
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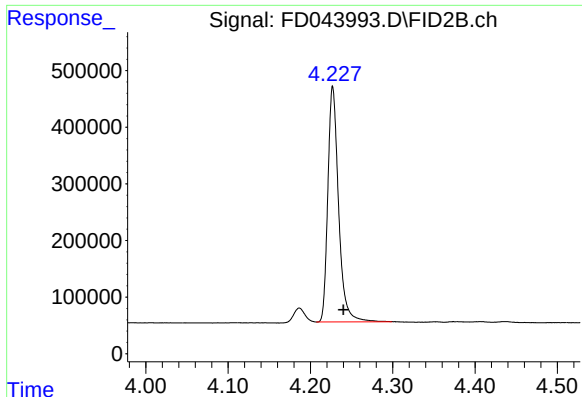
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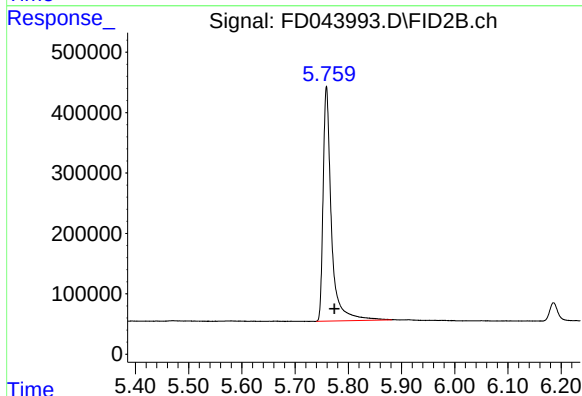
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.227 min
Delta R.T.: -0.013 min
Response: 3777027
Conc: 25.13 ug/ml

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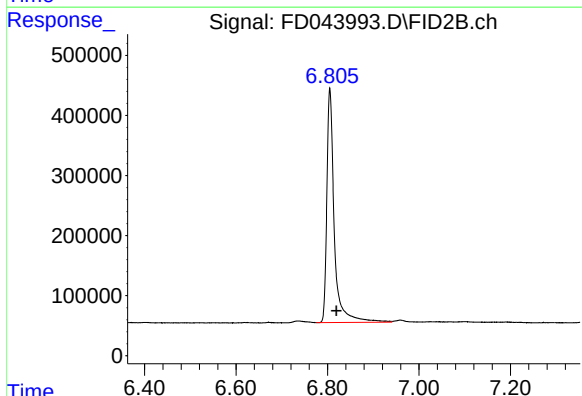
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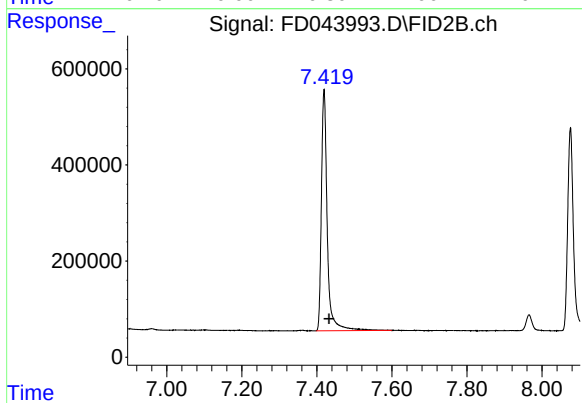
#2 Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: -0.015 min
Response: 4211384
Conc: 29.57 ug/ml m



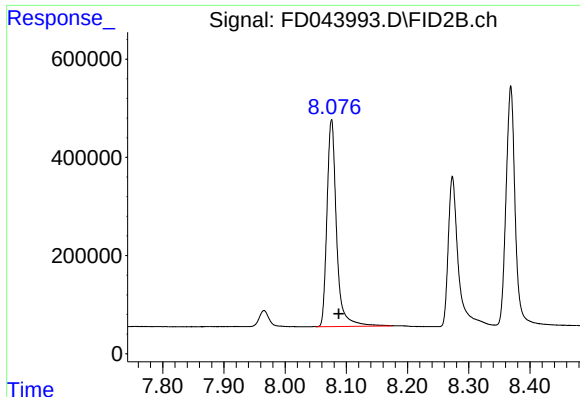
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.014 min
Response: 4423750
Conc: 30.24 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.419 min
Delta R.T.: -0.014 min
Response: 5447392
Conc: 41.40 ug/ml m



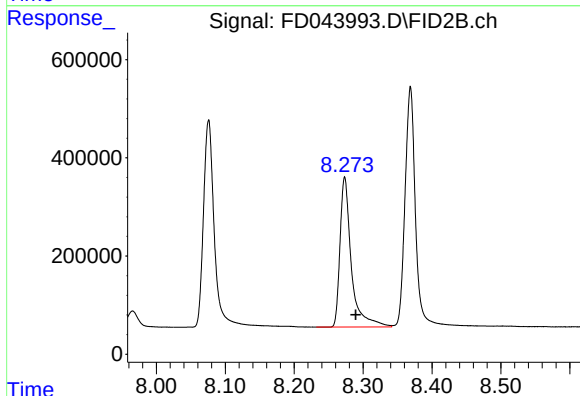
#5 Acenaphthylene (C15.06)

R.T.: 8.076 min
Delta R.T.: -0.012 min
Response: 4596559
Conc: 29.79 ug/ml

Instrument :
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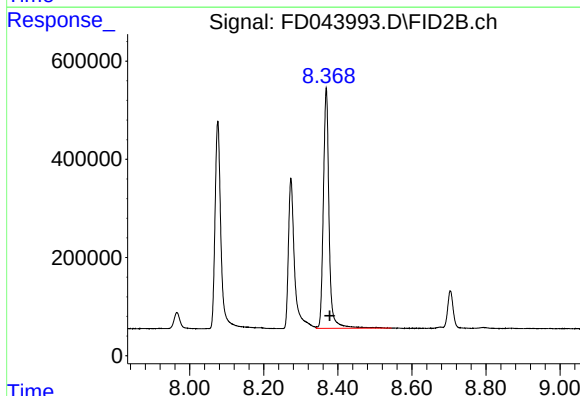
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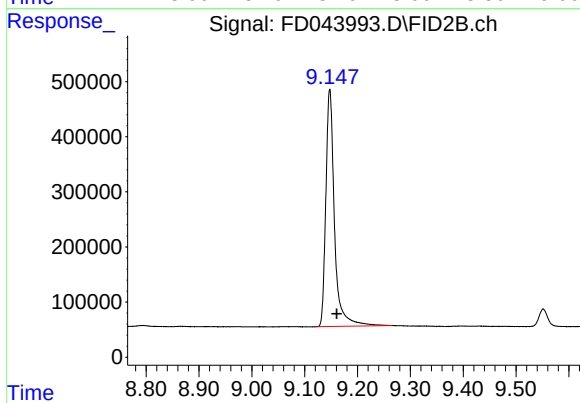
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: -0.016 min
Response: 3503677
Conc: 48.57 ug/ml



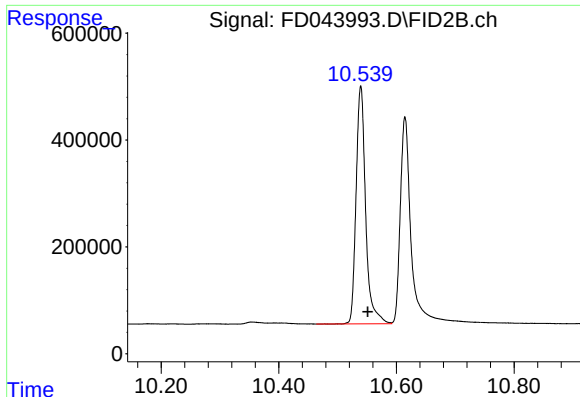
#7 Acenaphthene (C15.5)

R.T.: 8.369 min
Delta R.T.: -0.010 min
Response: 5230982
Conc: 29.89 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.147 min
Delta R.T.: -0.013 min
Response: 4892174
Conc: 33.28 ug/ml m



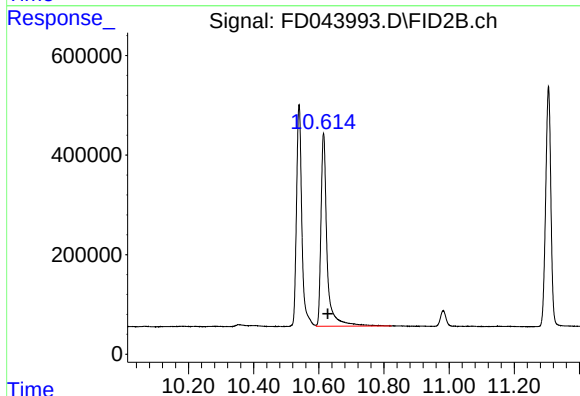
#9 Phenanthrene (C19.36)

R.T.: 10.539 min
Delta R.T.: -0.012 min
Response: 5028228
Conc: 34.75 ug/ml

Instrument :
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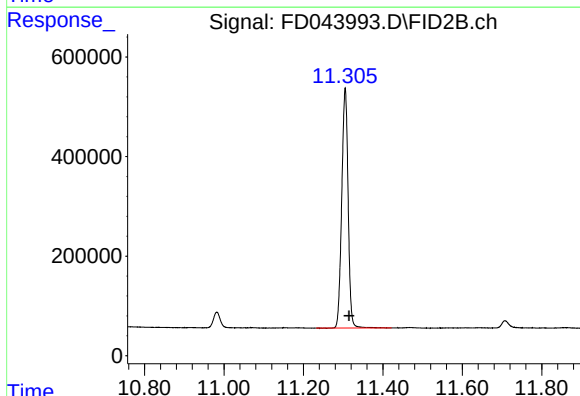
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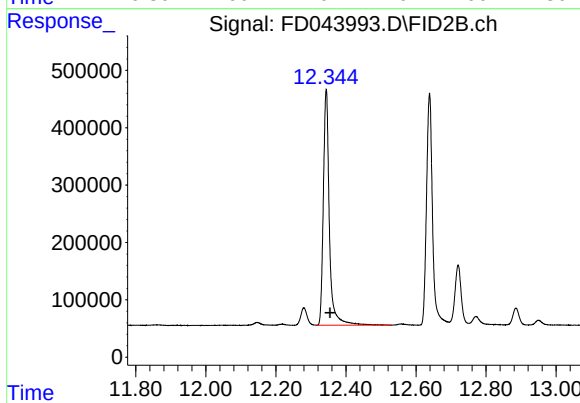
#10 Anthracene (C19.43)

R.T.: 10.615 min
Delta R.T.: -0.013 min
Response: 5037595
Conc: 34.33 ug/ml



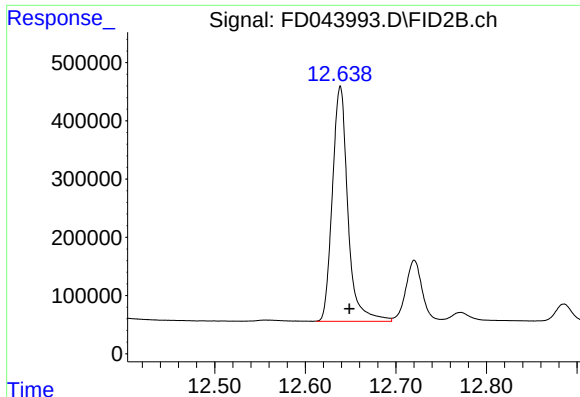
#11 ortho-Terphenyl (SURR)

R.T.: 11.305 min
Delta R.T.: -0.010 min
Response: 5371891
Conc: 28.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.344 min
Delta R.T.: -0.012 min
Response: 4922806
Conc: 32.10 ug/ml



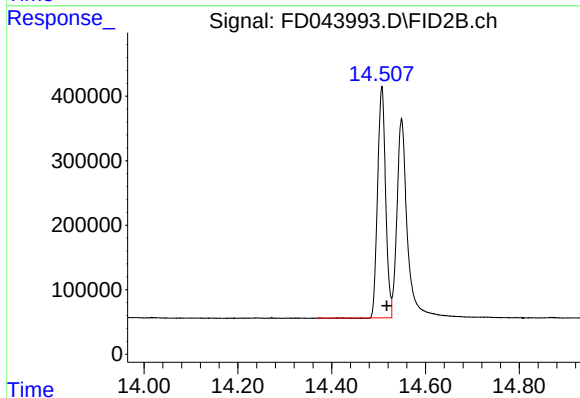
#13 Pyrene (C20.8)

R.T.: 12.639 min
Delta R.T.: -0.010 min
Response: 4799767
Conc: 32.27 ug/ml

Instrument :
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T-1MS

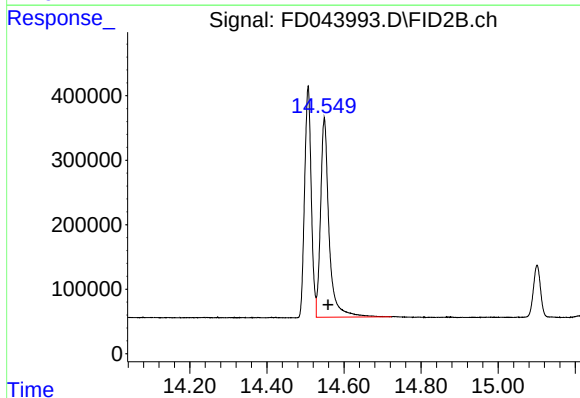
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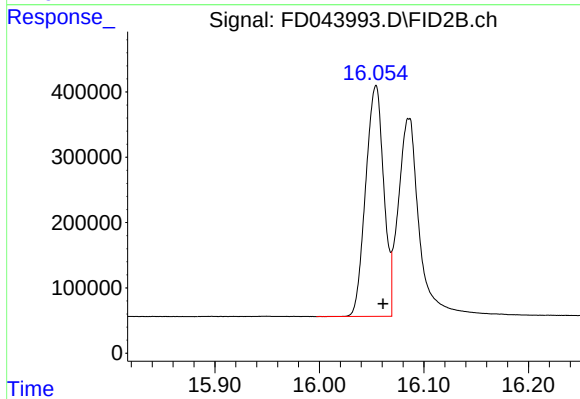
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min
Delta R.T.: -0.010 min
Response: 4232065
Conc: 37.86 ug/ml



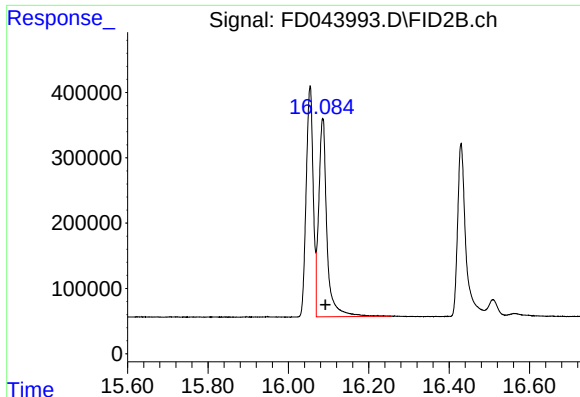
#15 Chrysene (C27.41)

R.T.: 14.549 min
Delta R.T.: -0.009 min
Response: 4752850
Conc: 30.41 ug/ml



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

R.T.: 16.054 min
Delta R.T.: -0.007 min
Response: 4248784
Conc: 36.43 ug/ml



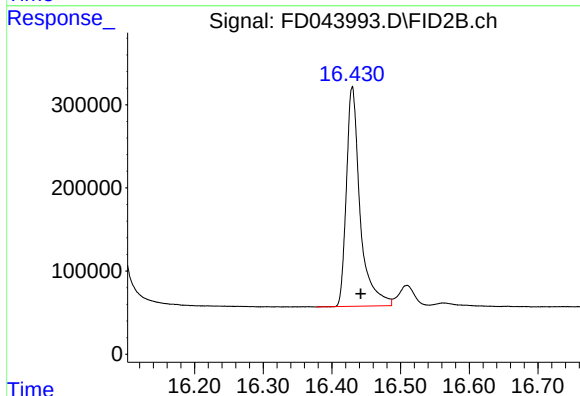
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.085 min
Delta R.T.: -0.007 min
Response: 4329256
Conc: 29.16 ug/ml

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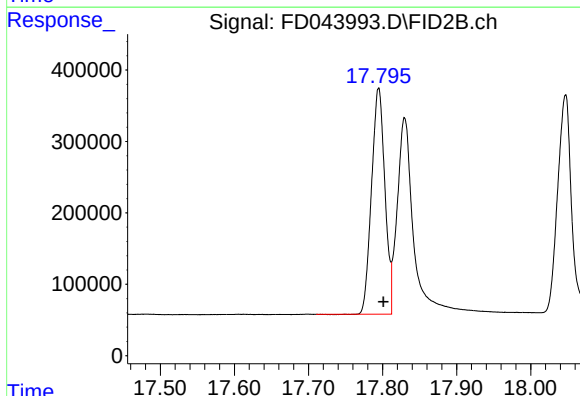
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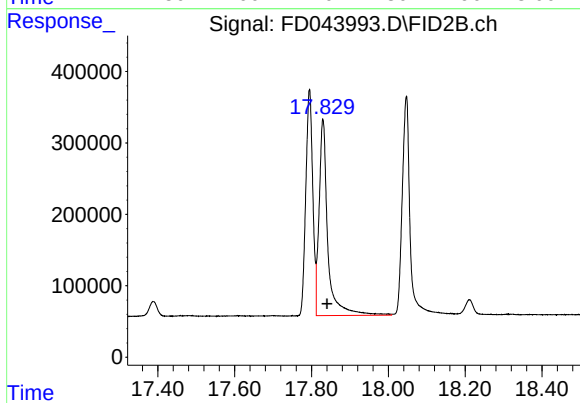
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: -0.012 min
Response: 3659514
Conc: 30.21 ug/ml



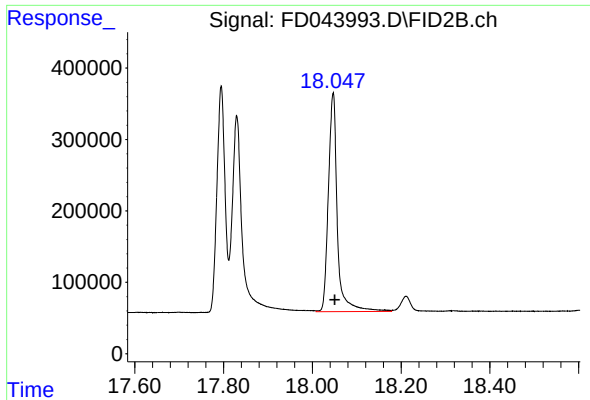
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: -0.007 min
Response: 3959764
Conc: 41.65 ug/ml



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

R.T.: 17.830 min
Delta R.T.: -0.011 min
Response: 4345176
Conc: 36.17 ug/ml



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

R.T.: 18.047 min
Delta R.T.: -0.004 min
Response: 4303768
Conc: 37.77 ug/ml

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