

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060322AR\
 Data File : FD042766.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2022 16:40
 Operator : UA/NP
 Sample : PB145304BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145304BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2022
 Supervised By :Ankita Jodhani 06/06/2022

Integration File: autoint1.e
 Quant Time: Jun 03 23:50:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.667	5592722	36.599 ug/ml
Spiked Amount 50.000		Recovery =	73.20%
6) S 2-Fluorobiphenyl (SURR)	8.532	3738340	36.349 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.70%
11) S ortho-Terphenyl (SURR)	11.581	5263506	29.650 ug/ml
Spiked Amount 50.000		Recovery =	59.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.458	4475222	26.729 ug/ml
2) T Naphthalene (C11.7)	6.001	5124445	29.639 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	5251472	32.931 ug/ml
5) T Acenaphthylene (C15.06)	8.335	5069098	29.340 ug/ml
7) T Acenaphthene (C15.5)	8.632	5373235	31.228 ug/ml
8) T Flouorene (C16.55)	9.414	5373201	32.006 ug/ml
9) T Phenanthrene (C19.36)	10.814	5311754	32.302 ug/ml
10) T Anthracene (C19.43)	10.889	5242290	34.299 ug/ml
12) T Fluoranthene (C21.85)	12.629	5132994	32.581 ug/ml
13) T Pyrene (C20.8)	12.927	5086248	32.670 ug/ml
14) T Benzo[a]anthracene (C...	14.800	4764169	35.731 ug/ml
15) T Chrysene (C27.41)	14.844	5320760	40.273 ug/ml
16) T benzo[b]fluoranthene ...	16.352	4769002	35.799 ug/ml
17) T Bnezo[k]fluoranthene ...	16.388	4678040	37.770 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.731	4276249	34.550 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.098	4734688	42.478 ug/ml
20) T Dibenz[a,h]anthracene...	18.138	4581765	41.190 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.355	4563313	38.394 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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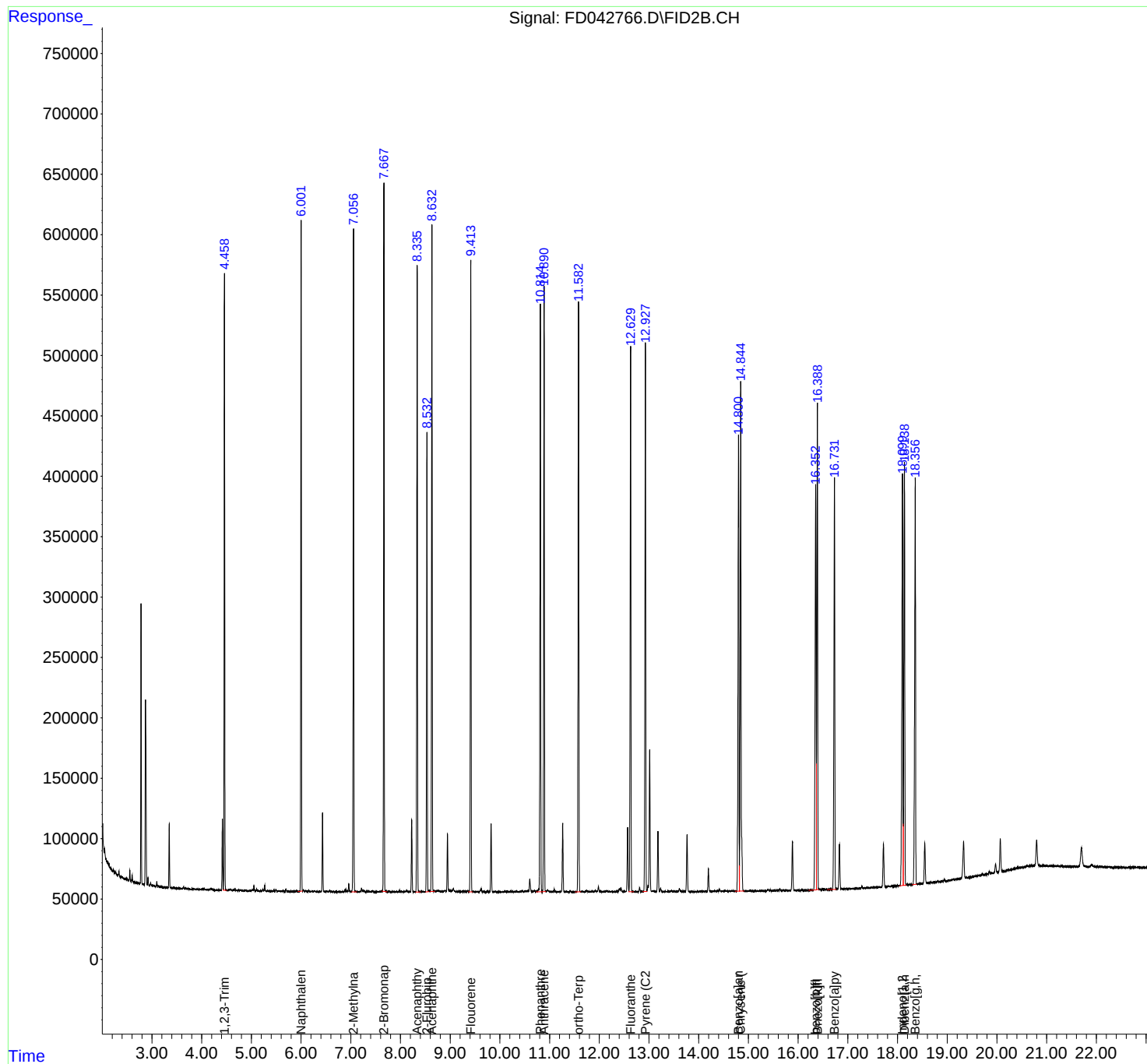
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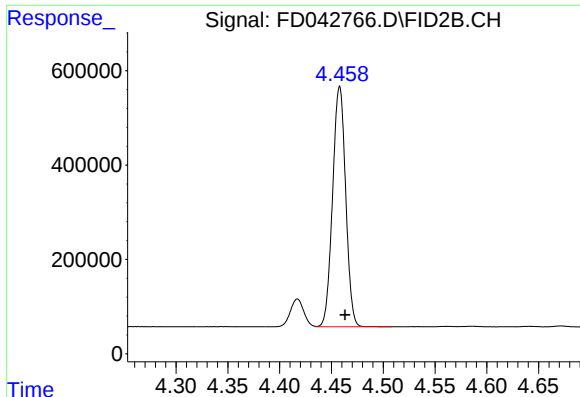
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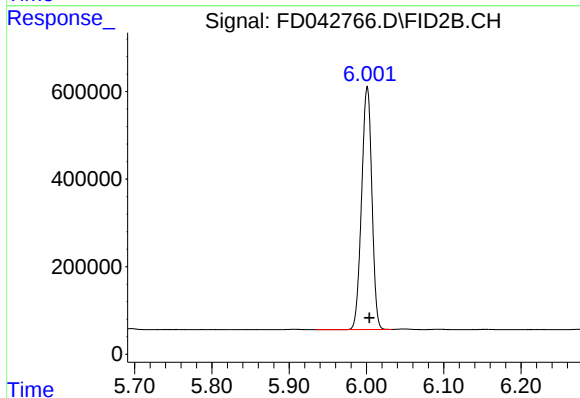
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.458 min
Delta R.T.: -0.005 min
Response: 4475222
Conc: 26.73 ug/ml

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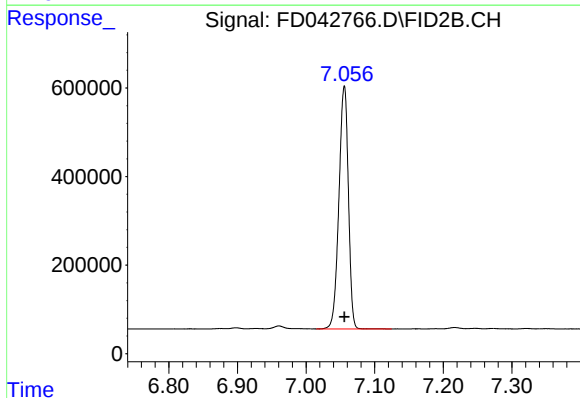
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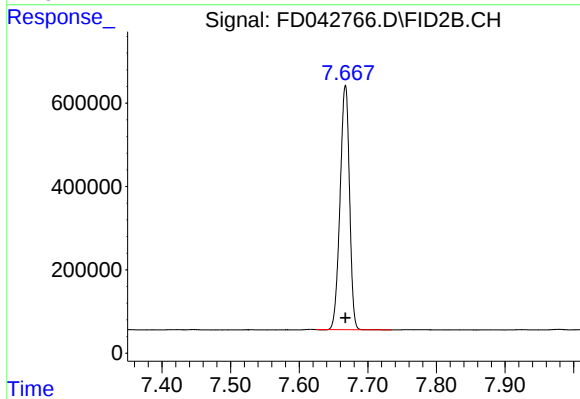
#2 Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 5124445
Conc: 29.64 ug/ml



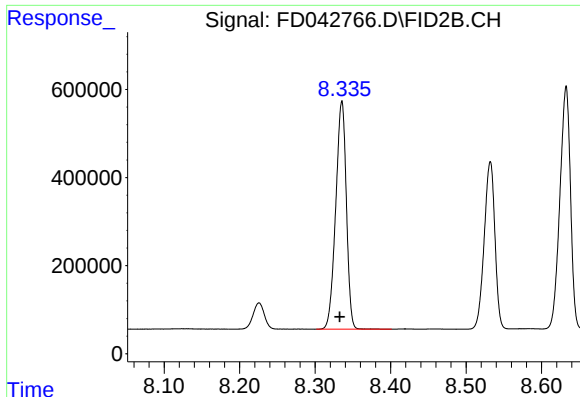
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 5251472
Conc: 32.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 5592722
Conc: 36.60 ug/ml



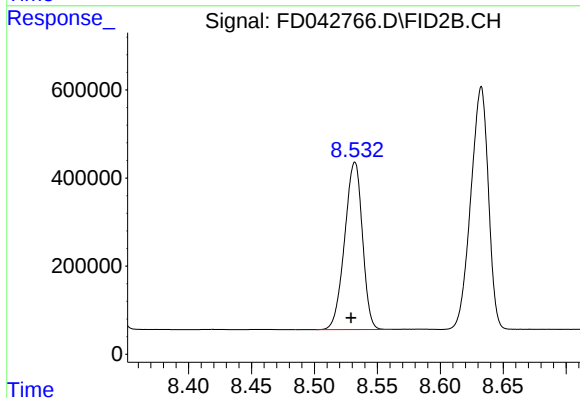
#5 Acenaphthylene (C15.06)

R.T.: 8.335 min
Delta R.T.: 0.002 min
Response: 5069098
Conc: 29.34 ug/ml

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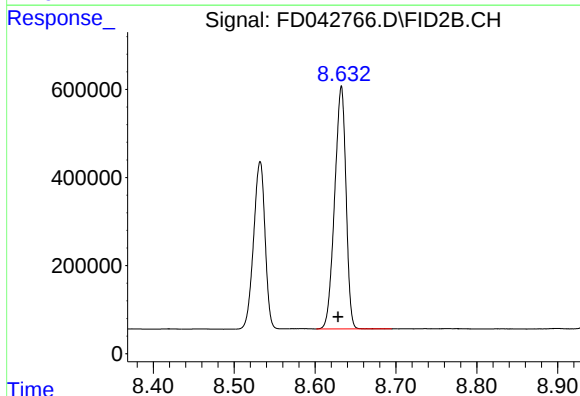
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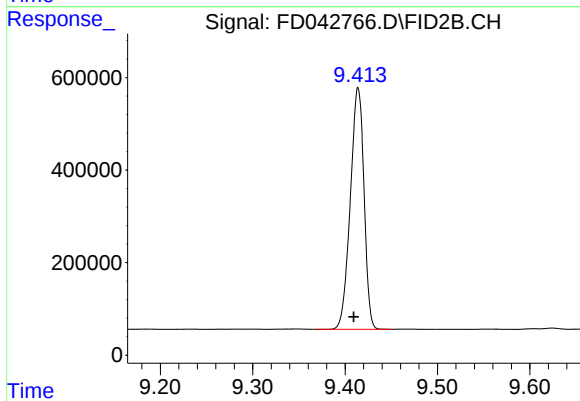
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.532 min
Delta R.T.: 0.003 min
Response: 3738340
Conc: 36.35 ug/ml



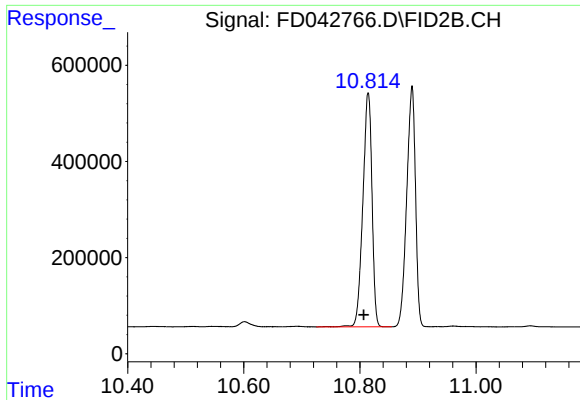
#7 Acenaphthene (C15.5)

R.T.: 8.632 min
Delta R.T.: 0.004 min
Response: 5373235
Conc: 31.23 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.414 min
Delta R.T.: 0.005 min
Response: 5373201
Conc: 32.01 ug/ml



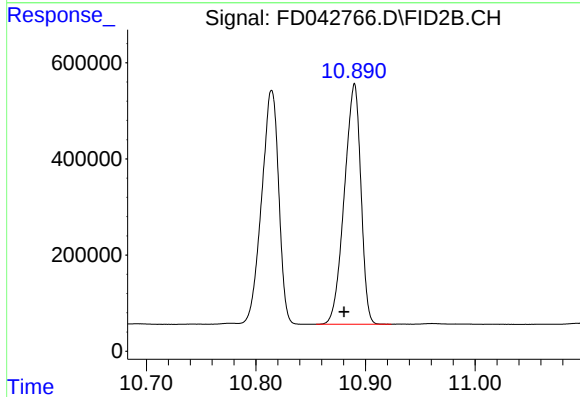
#9 Phenanthrene (C19.36)

R.T.: 10.814 min
Delta R.T.: 0.008 min
Response: 5311754
Conc: 32.30 ug/ml

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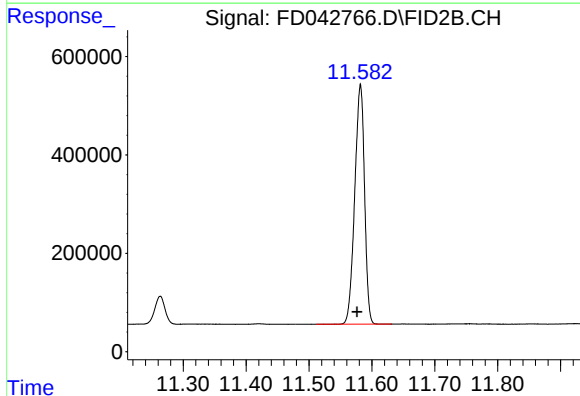
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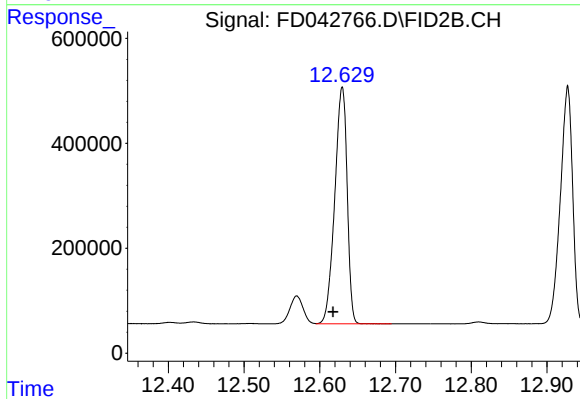
#10 Anthracene (C19.43)

R.T.: 10.889 min
Delta R.T.: 0.009 min
Response: 5242290
Conc: 34.30 ug/ml



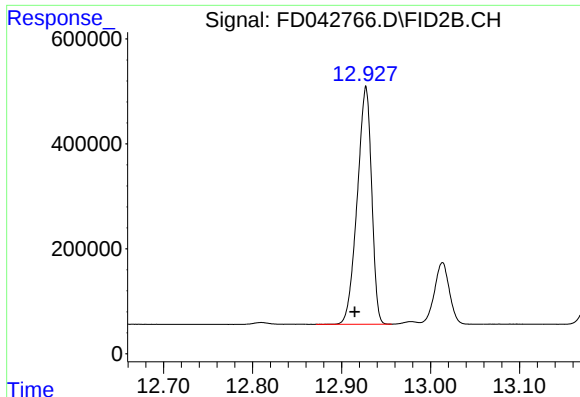
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: 0.005 min
Response: 5263506
Conc: 29.65 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.629 min
Delta R.T.: 0.012 min
Response: 5132994
Conc: 32.58 ug/ml



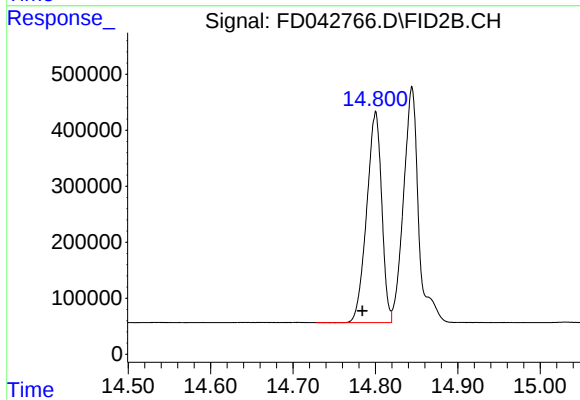
#13 Pyrene (C20.8)

R.T.: 12.927 min
Delta R.T.: 0.012 min
Response: 5086248
Conc: 32.67 ug/ml

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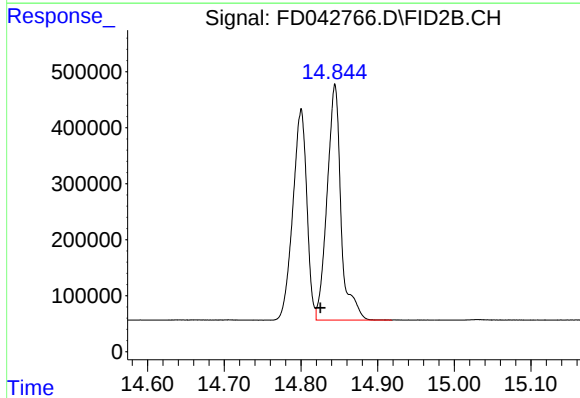
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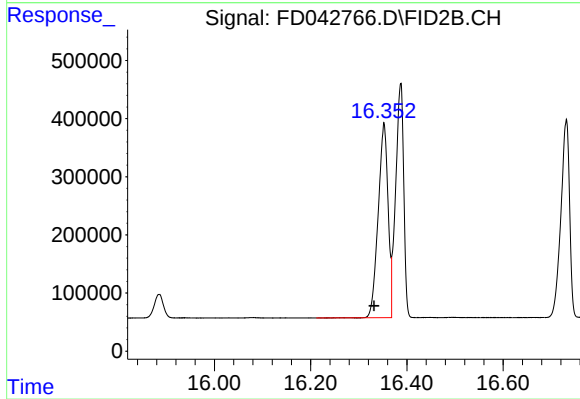
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.800 min
Delta R.T.: 0.016 min
Response: 4764169
Conc: 35.73 ug/ml



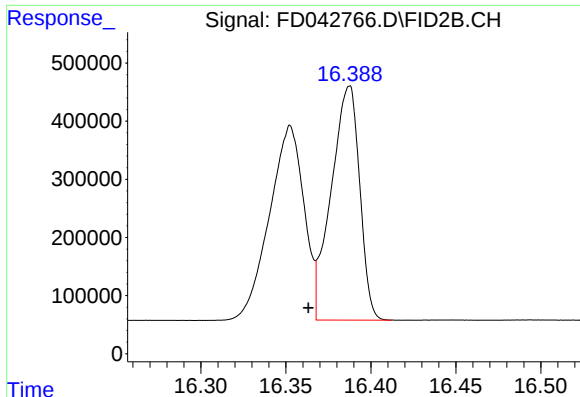
#15 Chrysene (C27.41)

R.T.: 14.844 min
Delta R.T.: 0.019 min
Response: 5320760
Conc: 40.27 ug/ml



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

R.T.: 16.352 min
Delta R.T.: 0.020 min
Response: 4769002
Conc: 35.80 ug/ml



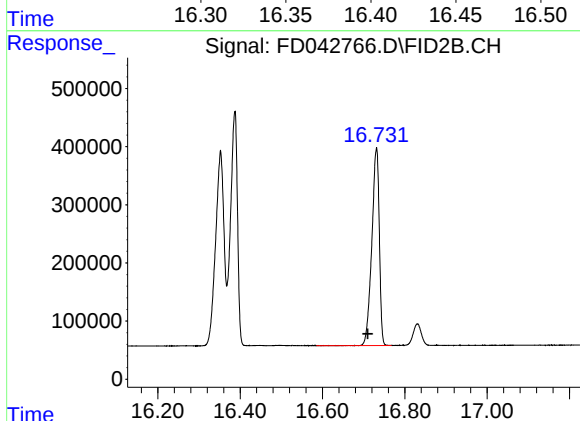
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.388 min
Delta R.T.: 0.025 min
Response: 4678040
Conc: 37.77 ug/ml

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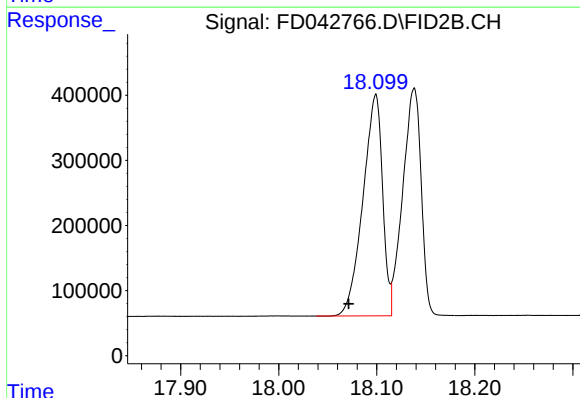
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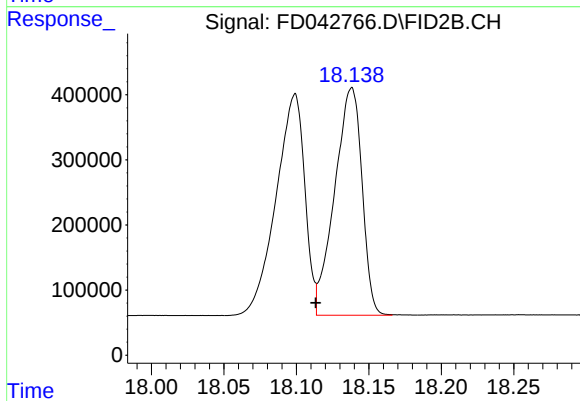
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.731 min
Delta R.T.: 0.021 min
Response: 4276249
Conc: 34.55 ug/ml



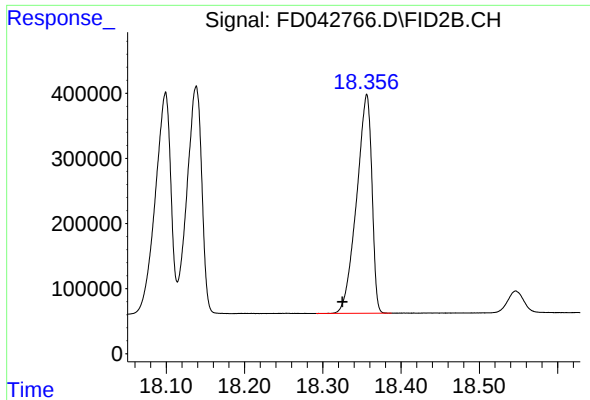
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.098 min
Delta R.T.: 0.027 min
Response: 4734688
Conc: 42.48 ug/ml



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

R.T.: 18.138 min
Delta R.T.: 0.025 min
Response: 4581765
Conc: 41.19 ug/ml m



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

R.T.: 18.355 min
Delta R.T.: 0.030 min
Response: 4563313
Conc: 38.39 ug/ml

Instrument :

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