

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042721AR\
 Data File : FD037198.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2021 4:51
 Operator : DD\AJ
 Sample : M2176-04MS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 STOCKPILE-COMP-1MS

Manual Integrations
 APPROVED

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 4/28/2021 3:43:49 PM

Integration File: autoint1.e
 Quant Time: Apr 28 07:25:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 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...	7.577	6371682	53.889 ug/ml
Spiked Amount 50.000		Recovery =	107.78%
6) S 2-Fluorobiphenyl (SURR)	8.437	2433917	31.543 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.09%
11) S ortho-Terphenyl (SURR)	11.478	4409372	35.699 ug/ml
Spiked Amount 50.000		Recovery =	71.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.374	3301216	24.826 ug/ml
2) T Naphthalene (C11.7)	5.913	4247093	30.895 ug/ml
3) T 2-Methylnaphthalene (...)	6.966	4534612	33.815 ug/ml
5) T Acenaphthylene (C15.06)	8.242	5110442	40.857 ug/ml
7) T Acenaphthene (C15.5)	8.538	4854161	37.563 ug/ml
8) T Flouorene (C16.55)	9.318	5055927	41.276 ug/ml
9) T Phenanthrene (C19.36)	10.715	5783098	49.059 ug/ml
10) T Anthracene (C19.43)	10.789	5022565	43.604 ug/ml
12) T Fluoranthene (C21.85)	12.528	6554269	56.199 ug/ml
13) T Pyrene (C20.8)	12.824	6142907	53.359 ug/ml
14) T Benzo[a]anthracene (C...	14.694	5349260	48.603 ug/ml
15) T Chrysene (C27.41)	14.739	5635165	49.780 ug/ml
16) T benzo[b]fluoranthene ...	16.248	5611568	50.030 ug/ml
17) T Bnezo[k]fluoranthene ...	16.280	4612576	42.826 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.626	5159777	49.854 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.991	4564869	42.913 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	4234282	40.526 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.248	4438306	41.552 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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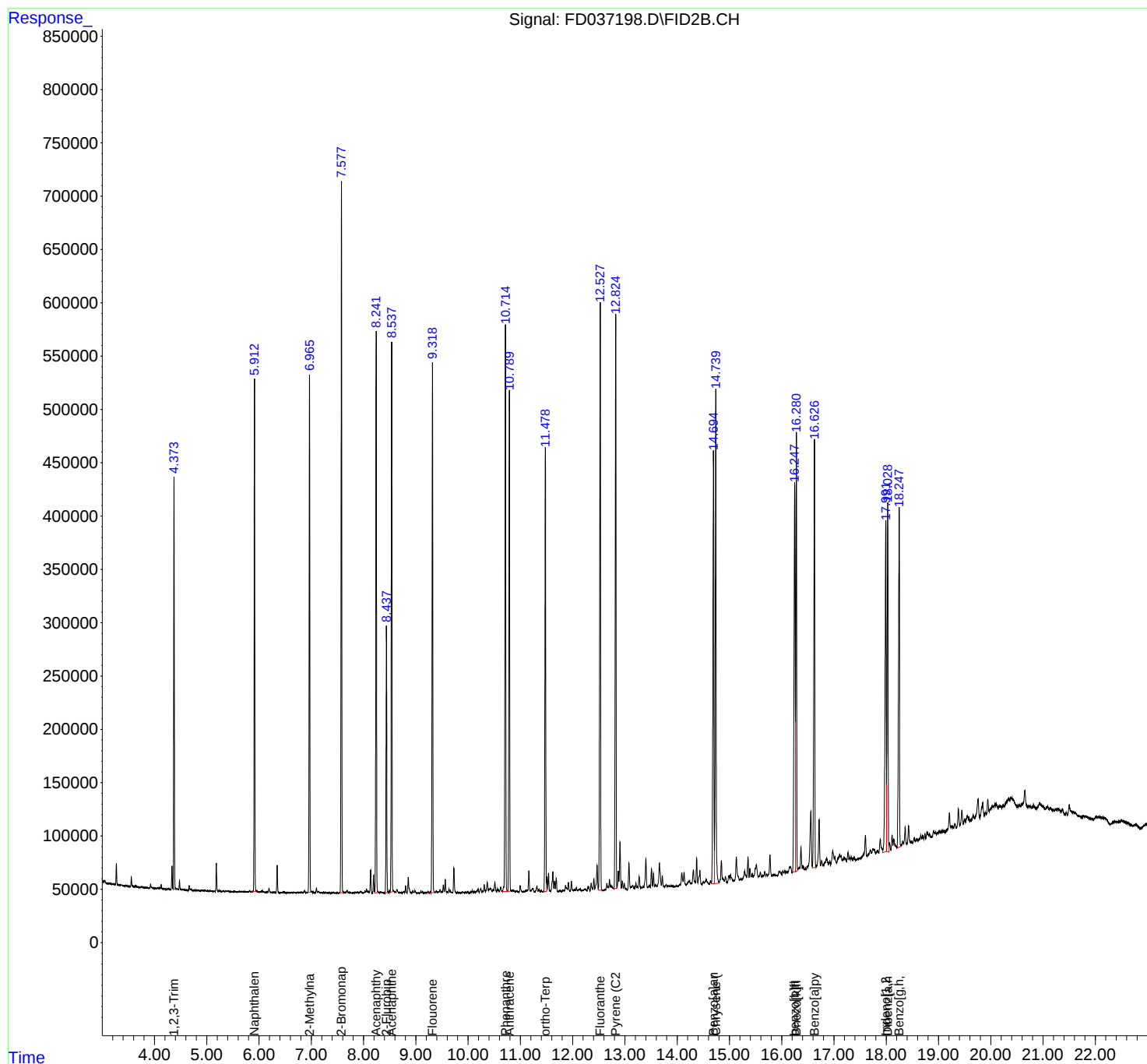
Instrument :
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STOCKPILE-COMP-1MS

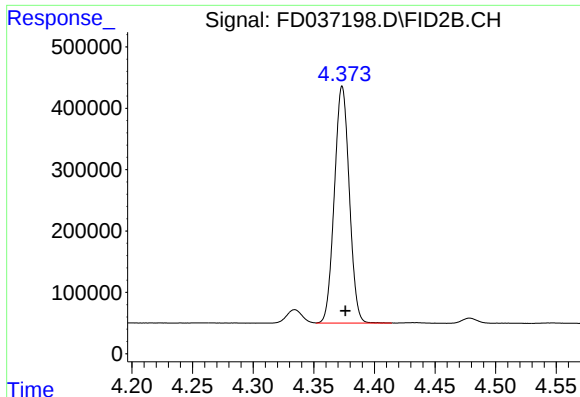
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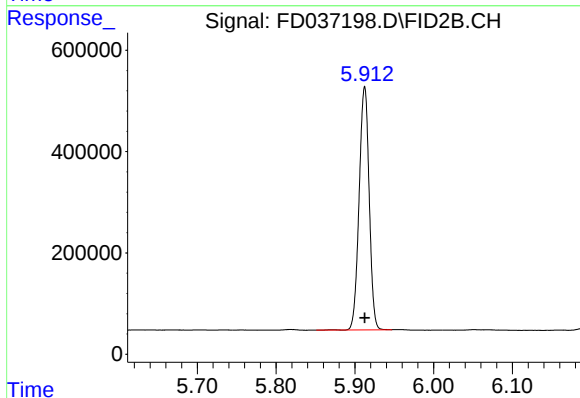
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.374 min
Delta R.T.: -0.002 min
Response: 3301216
Conc: 24.83 ug/ml

Instrument :
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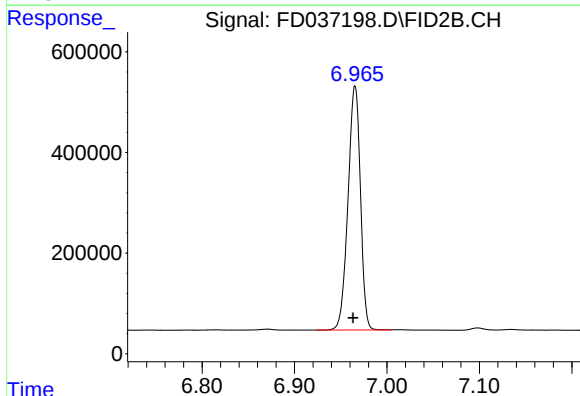
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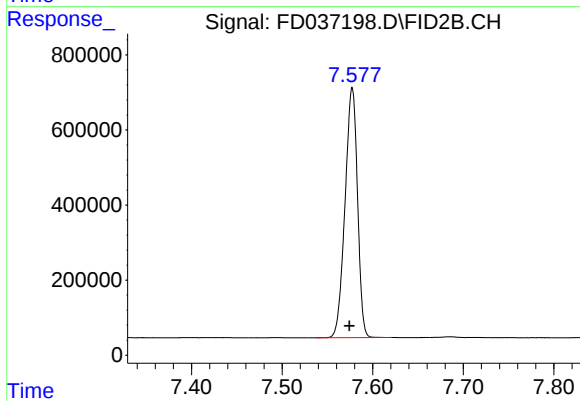
#2 Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 4247093
Conc: 30.90 ug/ml



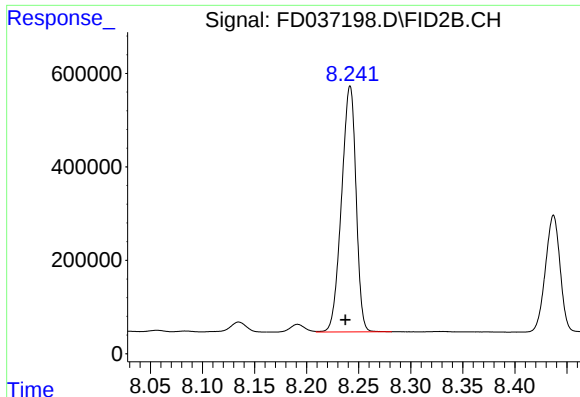
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: 0.002 min
Response: 4534612
Conc: 33.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.577 min
Delta R.T.: 0.003 min
Response: 6371682
Conc: 53.89 ug/ml



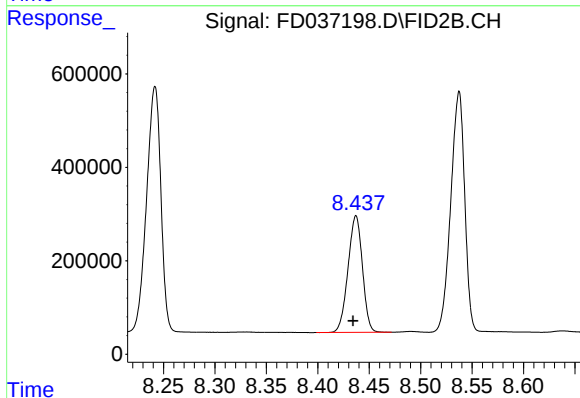
#5 Acenaphthylene (C15.06)

R.T.: 8.242 min
Delta R.T.: 0.005 min
Response: 5110442
Conc: 40.86 ug/ml

Instrument :
FID_D
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STOCKPILE-COMP-1MS

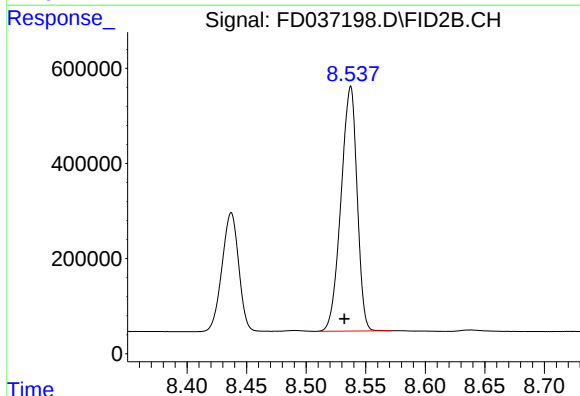
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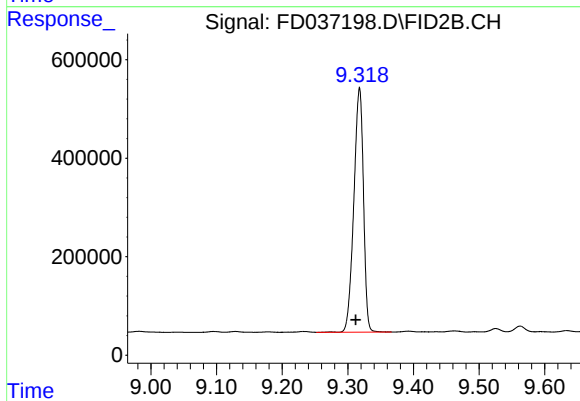
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.437 min
Delta R.T.: 0.003 min
Response: 2433917
Conc: 31.54 ug/ml



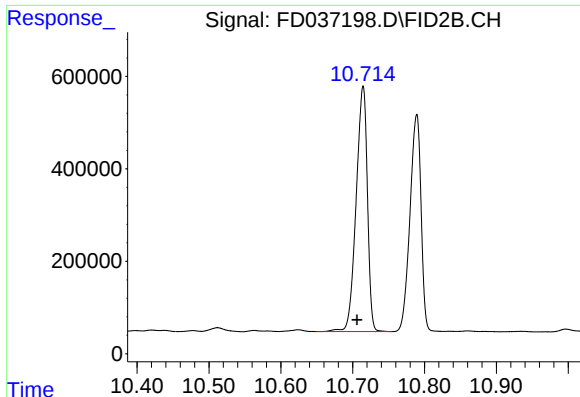
#7 Acenaphthene (C15.5)

R.T.: 8.538 min
Delta R.T.: 0.005 min
Response: 4854161
Conc: 37.56 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.318 min
Delta R.T.: 0.006 min
Response: 5055927
Conc: 41.28 ug/ml



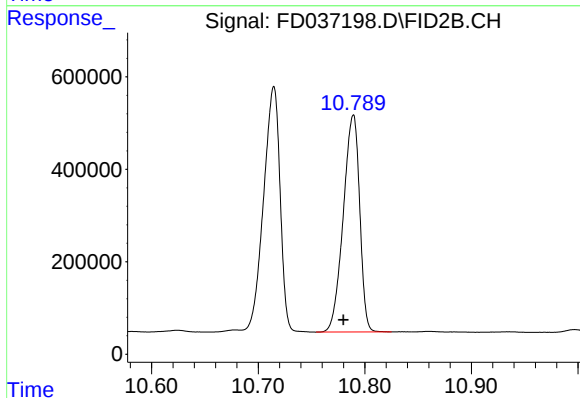
#9 Phenanthrene (C19.36)

R.T.: 10.715 min
Delta R.T.: 0.008 min
Response: 5783098
Conc: 49.06 ug/ml

Instrument :
FID_D
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STOCKPILE-COMP-1MS

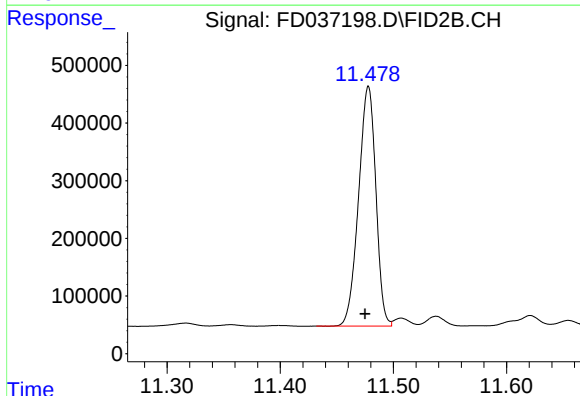
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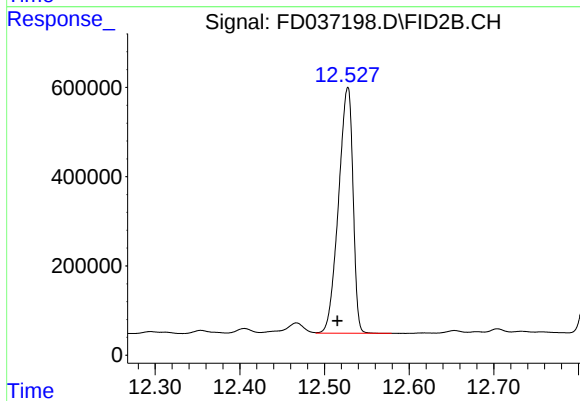
#10 Anthracene (C19.43)

R.T.: 10.789 min
Delta R.T.: 0.009 min
Response: 5022565
Conc: 43.60 ug/ml



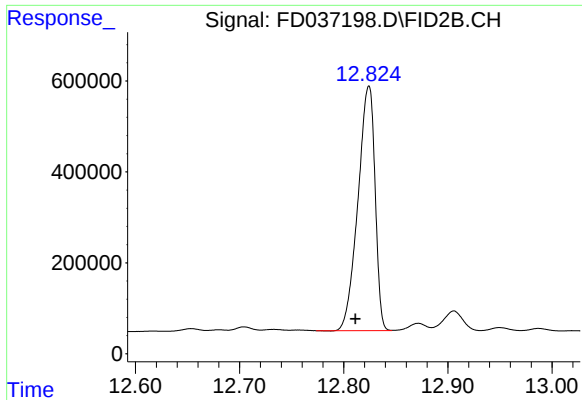
#11 ortho-Terphenyl (SURR)

R.T.: 11.478 min
Delta R.T.: 0.003 min
Response: 4409372
Conc: 35.70 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.528 min
Delta R.T.: 0.012 min
Response: 6554269
Conc: 56.20 ug/ml



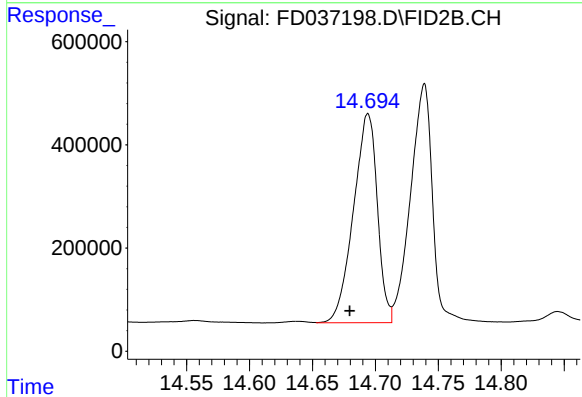
#13 Pyrene (C20.8)

R.T.: 12.824 min
Delta R.T.: 0.013 min
Response: 6142907
Conc: 53.36 ug/ml

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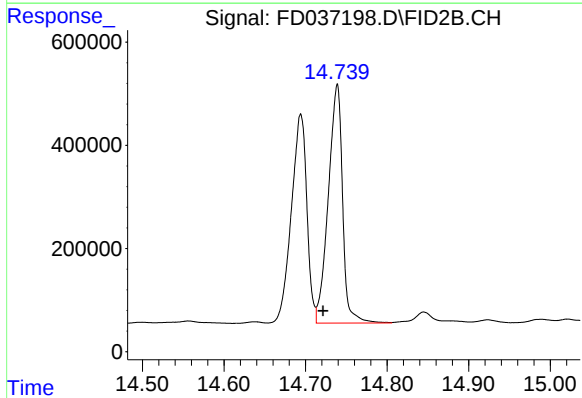
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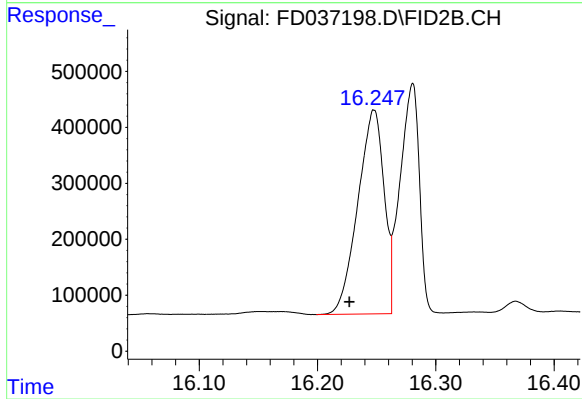
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.694 min
Delta R.T.: 0.014 min
Response: 5349260
Conc: 48.60 ug/ml



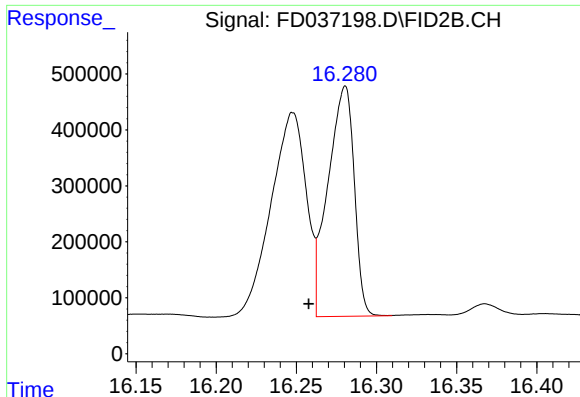
#15 Chrysene (C27.41)

R.T.: 14.739 min
Delta R.T.: 0.017 min
Response: 5635165
Conc: 49.78 ug/ml



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

R.T.: 16.248 min
Delta R.T.: 0.021 min
Response: 5611568
Conc: 50.03 ug/ml



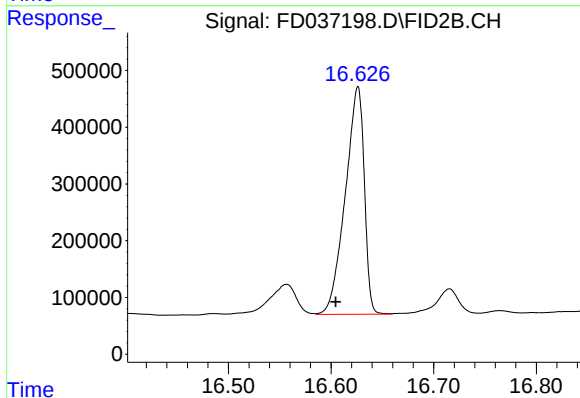
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.280 min
Delta R.T.: 0.022 min
Response: 4612576
Conc: 42.83 ug/ml m

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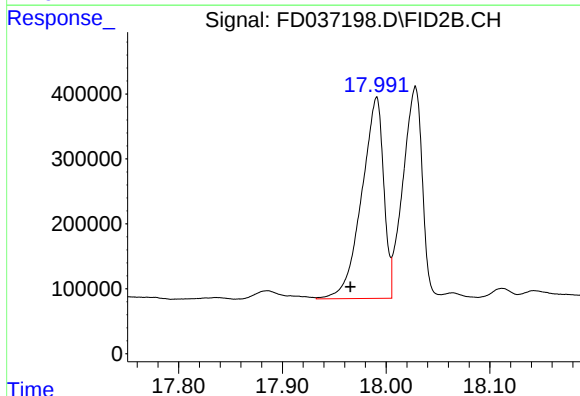
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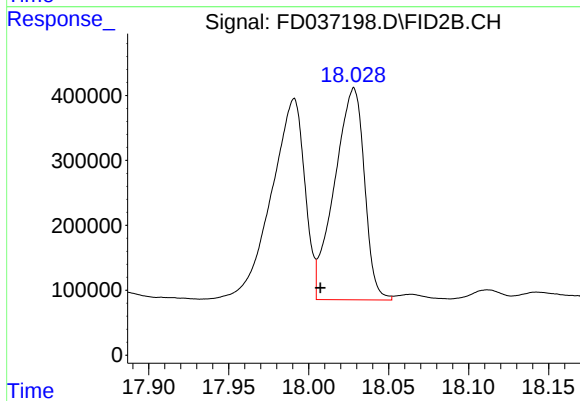
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.626 min
Delta R.T.: 0.022 min
Response: 5159777
Conc: 49.85 ug/ml



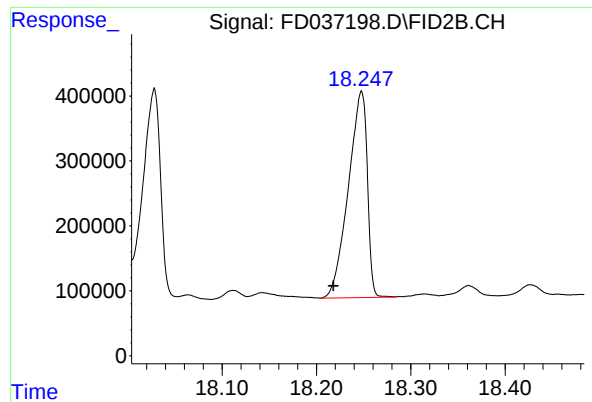
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min
Delta R.T.: 0.025 min
Response: 4564869
Conc: 42.91 ug/ml



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

R.T.: 18.028 min
Delta R.T.: 0.021 min
Response: 4234282
Conc: 40.53 ug/ml m



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

R.T.: 18.248 min
Delta R.T.: 0.030 min
Response: 4438306
Conc: 41.55 ug/ml

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