

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032221AR\
 Data File : FD036478.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2021 12:58
 Operator : DD\AJ
 Sample : M1732-01MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-1A-(1.0-1.5)MS

Manual Integrations
 APPROVED

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 4/5/2021 12:51:18 PM

Integration File: autoint1.e
 Quant Time: Mar 23 02:44:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.596	3994426	33.888 ug/ml
Spiked Amount 50.000		Recovery =	67.78%
6) S 2-Fluorobiphenyl (SURR)	8.455	2649639	31.838 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.68%
11) S ortho-Terphenyl (SURR)	11.496	3896805	27.659 ug/ml
Spiked Amount 50.000		Recovery =	55.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	2864354	22.846 ug/ml
2) T Naphthalene (C11.7)	5.933	3287487	24.260 ug/ml
3) T 2-Methylnaphthalene (...)	6.984	3448132	25.251 ug/ml
5) T Acenaphthylene (C15.06)	8.259	3408603	25.335 ug/ml
7) T Acenaphthene (C15.5)	8.555	3556245	25.693 ug/ml
8) T Flouorene (C16.55)	9.334	3614086	26.483 ug/ml
9) T Phenanthrene (C19.36)	10.729	3724911	27.036 ug/ml
10) T Anthracene (C19.43)	10.803	3686664	27.460 ug/ml
12) T Fluoranthene (C21.85)	12.537	3806960	27.413 ug/ml
13) T Pyrene (C20.8)	12.834	3781516	27.582 ug/ml
14) T Benzo[a]anthracene (C...	14.702	3454531	27.312 ug/ml
15) T Chrysene (C27.41)	14.745	3579922	27.644 ug/mlm
16) T benzo[b]fluoranthene ...	16.249	3426242	28.152 ug/ml
17) T Bnezo[k]fluoranthene ...	16.282	3305224	28.069 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.627	3335836	30.249 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.987	3135813	28.342 ug/ml
20) T Dibenz[a,h]anthracene...	18.029	3389765	30.632 ug/ml
21) T Benzo[g,h,i]perylene ...	18.244	3246168	29.358 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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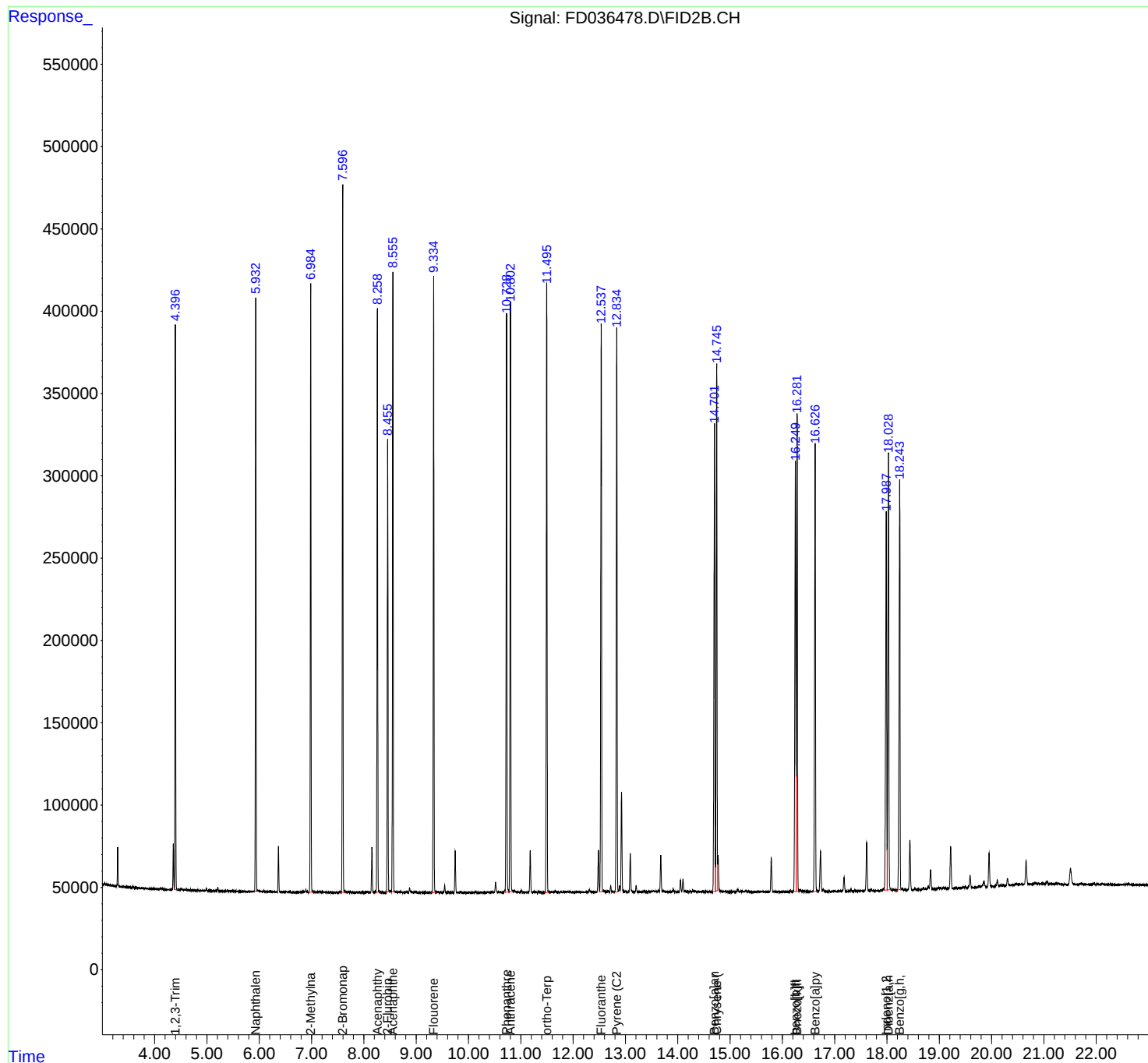
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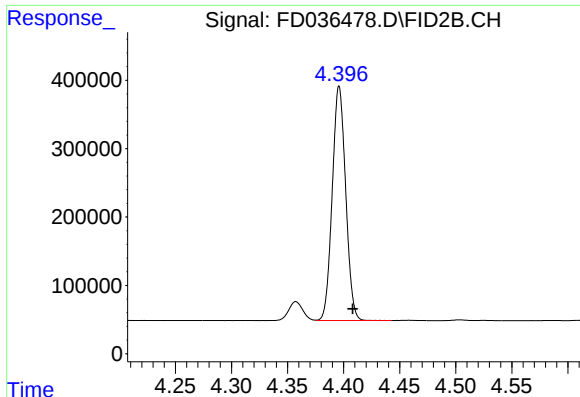
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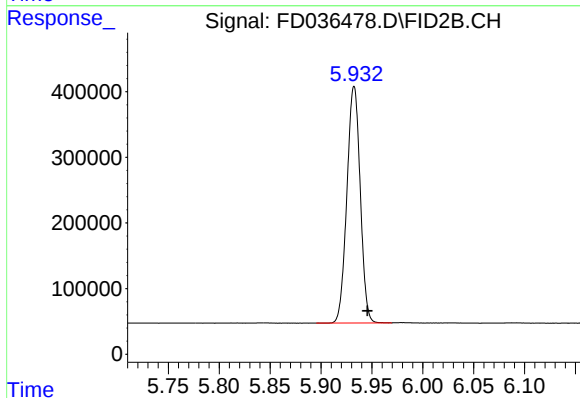
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.396 min
Delta R.T.: -0.012 min
Response: 2864354
Conc: 22.85 ug/ml

Instrument :
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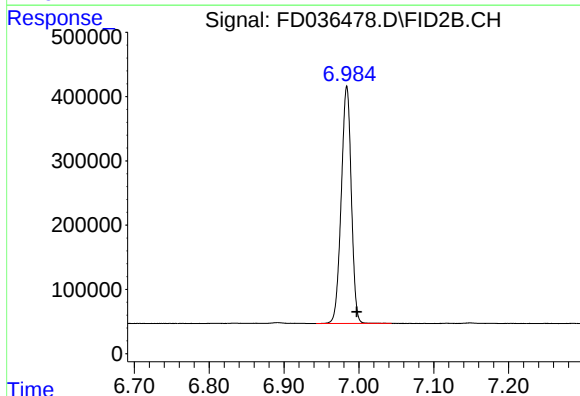
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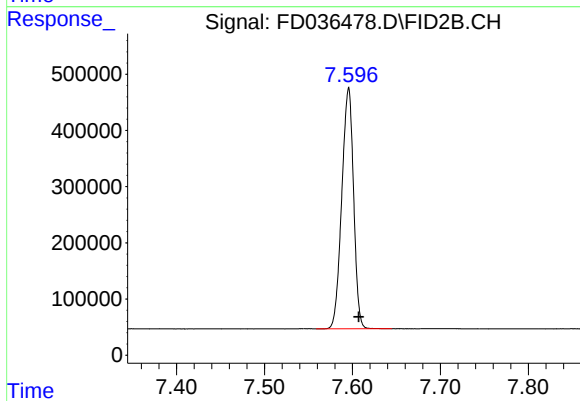
#2 Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.013 min
Response: 3287487
Conc: 24.26 ug/ml



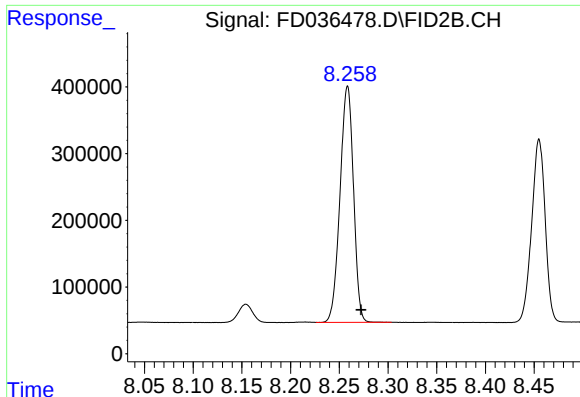
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: -0.013 min
Response: 3448132
Conc: 25.25 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.596 min
Delta R.T.: -0.011 min
Response: 3994426
Conc: 33.89 ug/ml



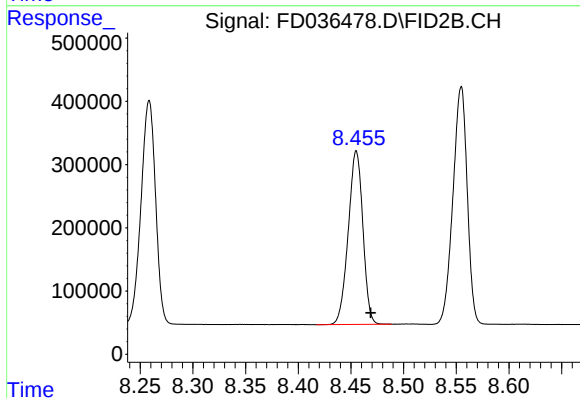
#5 Acenaphthylene (C15.06)

R.T.: 8.259 min
Delta R.T.: -0.014 min
Response: 3408603
Conc: 25.34 ug/ml

Instrument :
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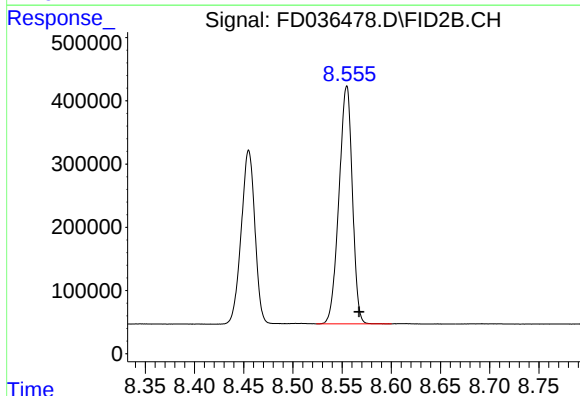
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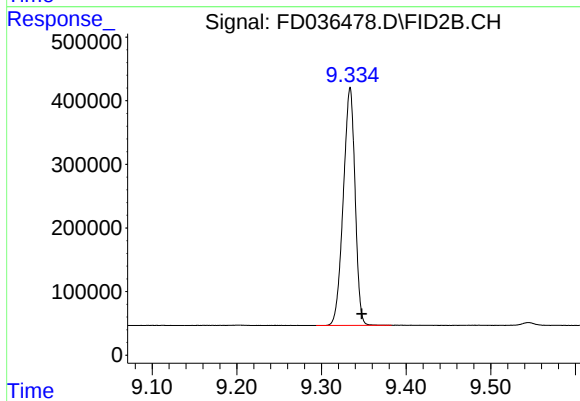
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min
Delta R.T.: -0.014 min
Response: 2649639
Conc: 31.84 ug/ml



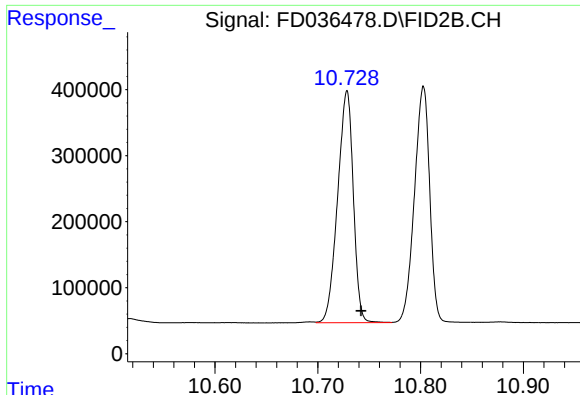
#7 Acenaphthene (C15.5)

R.T.: 8.555 min
Delta R.T.: -0.012 min
Response: 3556245
Conc: 25.69 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.334 min
Delta R.T.: -0.013 min
Response: 3614086
Conc: 26.48 ug/ml



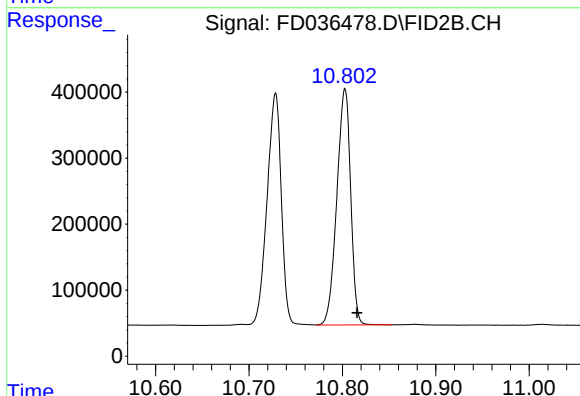
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.014 min
Response: 3724911
Conc: 27.04 ug/ml

Instrument :
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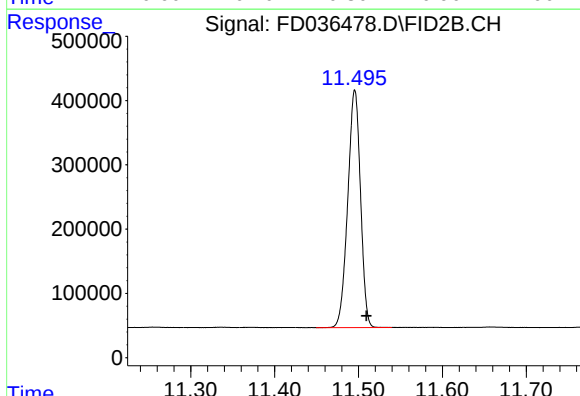
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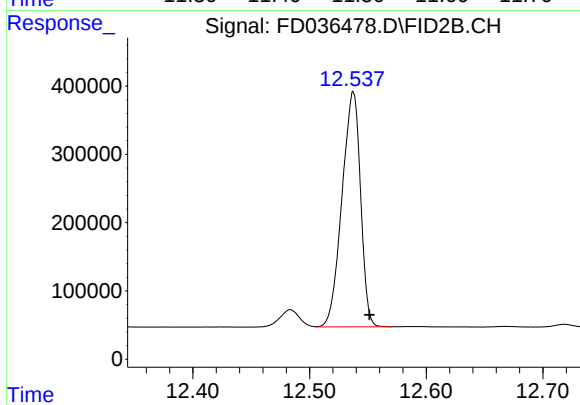
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: -0.013 min
Response: 3686664
Conc: 27.46 ug/ml



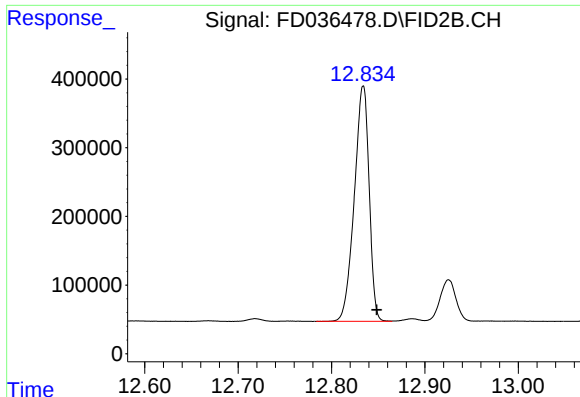
#11 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: -0.014 min
Response: 3896805
Conc: 27.66 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: -0.014 min
Response: 3806960
Conc: 27.41 ug/ml



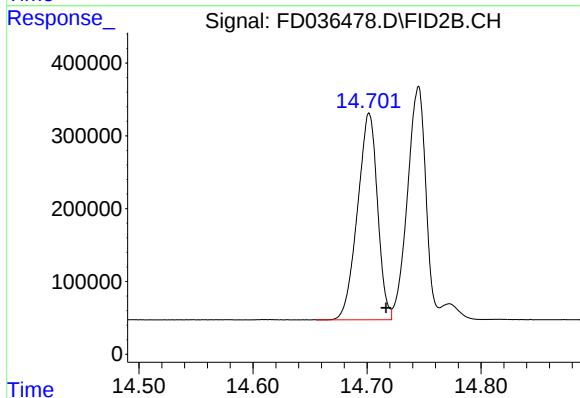
#13 Pyrene (C20.8)

R.T.: 12.834 min
Delta R.T.: -0.014 min
Response: 3781516
Conc: 27.58 ug/ml

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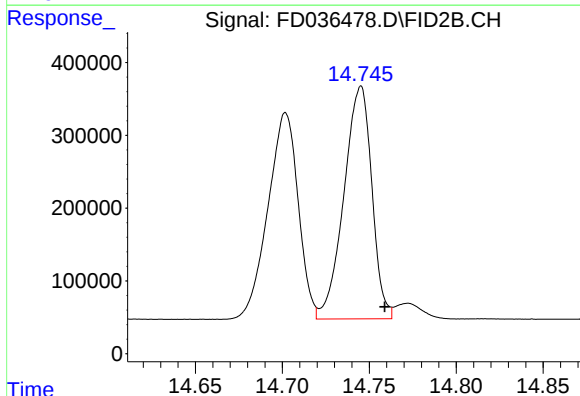
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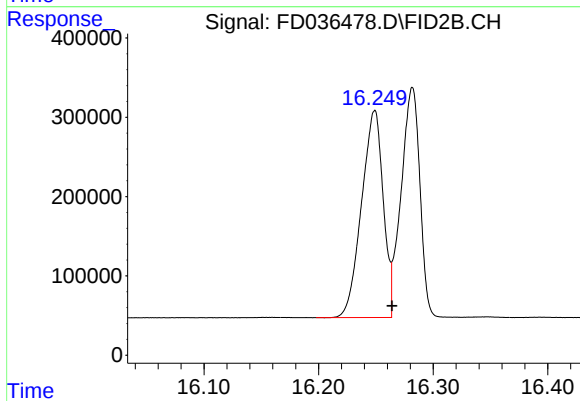
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.702 min
Delta R.T.: -0.015 min
Response: 3454531
Conc: 27.31 ug/ml



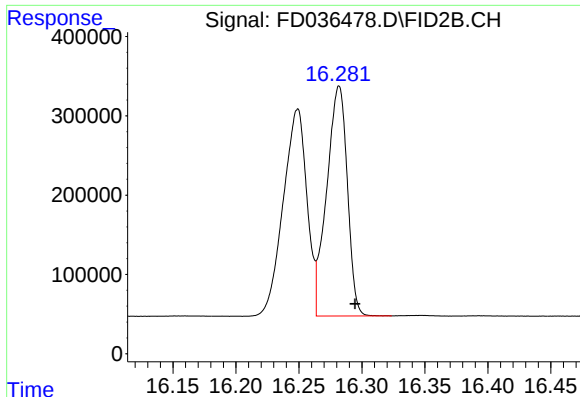
#15 Chrysene (C27.41)

R.T.: 14.745 min
Delta R.T.: -0.014 min
Response: 3579922
Conc: 27.64 ug/ml m



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

R.T.: 16.249 min
Delta R.T.: -0.015 min
Response: 3426242
Conc: 28.15 ug/ml



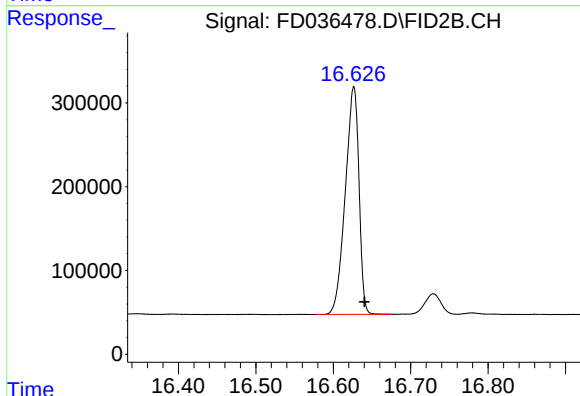
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.282 min
Delta R.T.: -0.013 min
Response: 3305224
Conc: 28.07 ug/ml

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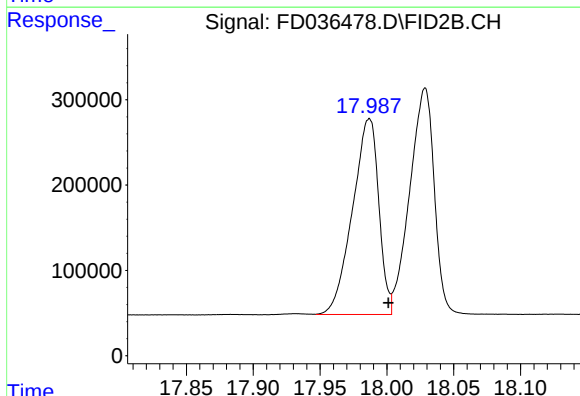
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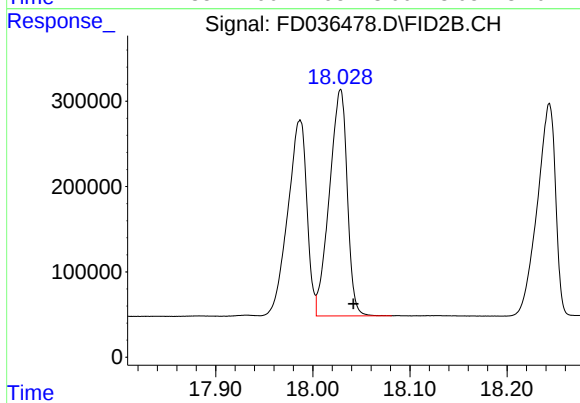
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.627 min
Delta R.T.: -0.014 min
Response: 3335836
Conc: 30.25 ug/ml



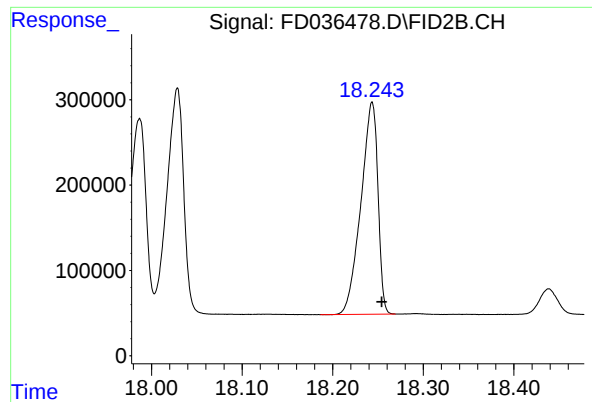
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.987 min
Delta R.T.: -0.014 min
Response: 3135813
Conc: 28.34 ug/ml



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

R.T.: 18.029 min
Delta R.T.: -0.013 min
Response: 3389765
Conc: 30.63 ug/ml



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

R.T.: 18.244 min
Delta R.T.: -0.011 min
Response: 3246168
Conc: 29.36 ug/ml

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