

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031921AR\
 Data File : FD036452.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2021 3:25
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

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 3/22/2021 2:17:36 PM

Integration File: autoint1.e
 Quant Time: Mar 20 06:22:57 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	2475502	21.002 ug/ml
Spiked Amount 50.000		Recovery =	42.00%
6) S 2-Fluorobiphenyl (SURR)	8.456	1734032	20.836 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.67%
11) S ortho-Terphenyl (SURR)	11.496	2871207	20.380 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.397	2676240	21.345 ug/ml
2) T Naphthalene (C11.7)	5.934	2877549	21.235 ug/ml
3) T 2-Methylnaphthalene (...)	6.985	2885759	21.133 ug/ml
5) T Acenaphthylene (C15.06)	8.260	2778471	20.652 ug/ml
7) T Acenaphthene (C15.5)	8.556	2890909	20.886 ug/ml
8) T Flouorene (C16.55)	9.335	2816714	20.640 ug/ml
9) T Phenanthrene (C19.36)	10.728	2791607	20.262 ug/ml
10) T Anthracene (C19.43)	10.802	2483072	18.495 ug/ml
12) T Fluoranthene (C21.85)	12.537	2803688	20.189 ug/ml
13) T Pyrene (C20.8)	12.833	2760728	20.137 ug/ml
14) T Benzo[a]anthracene (C...	14.701	2533142	20.027 ug/ml
15) T Chrysene (C27.41)	14.743	2651214	20.473 ug/ml
16) T benzo[b]fluoranthene ...	16.246	2559042	21.027 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.279	2452991	20.831 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.624	2287631	20.744 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	2387688	21.581 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	2458624	22.217 ug/ml
21) T Benzo[g,h,i]perylene ...	18.240	2411664	21.811 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

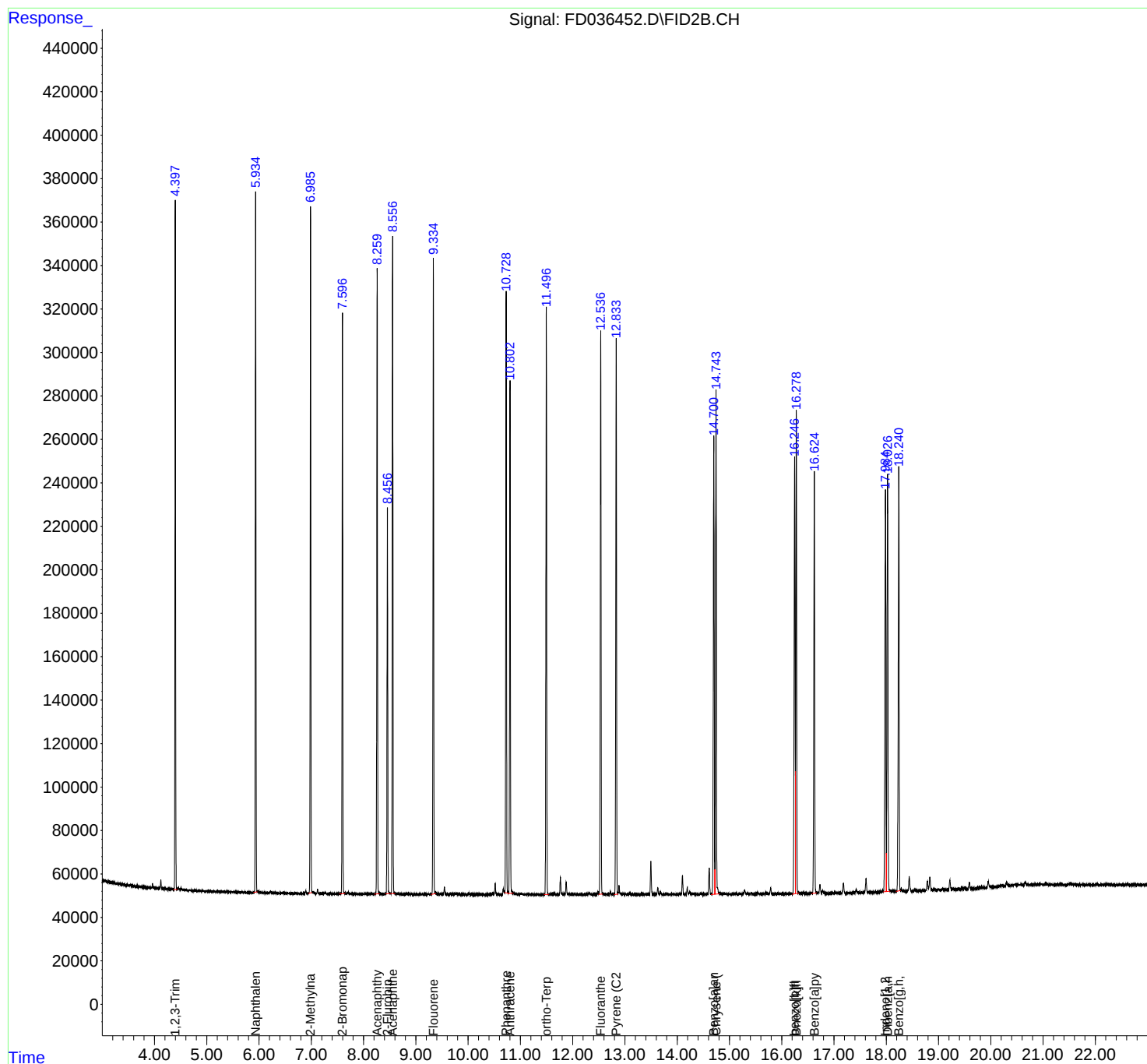
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20 PPM AROMATIC HC STD

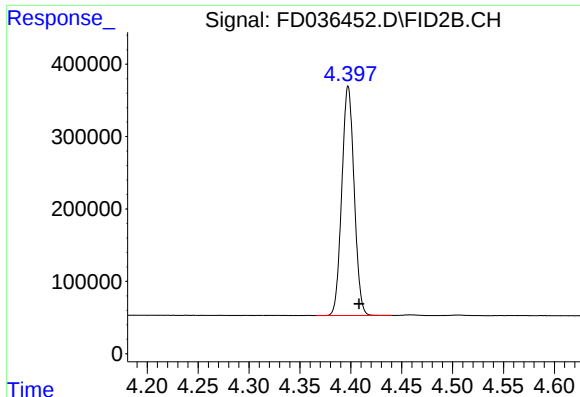
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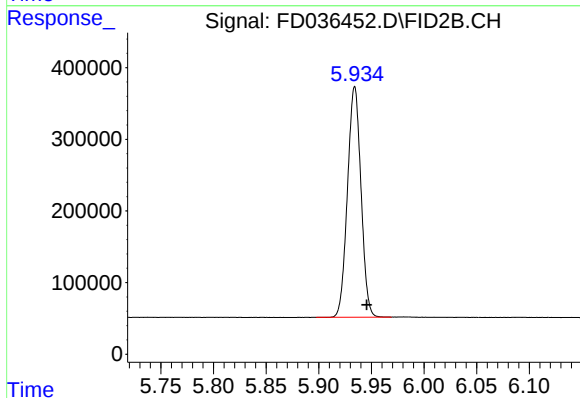
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.397 min
Delta R.T.: -0.011 min
Response: 2676240
Conc: 21.35 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

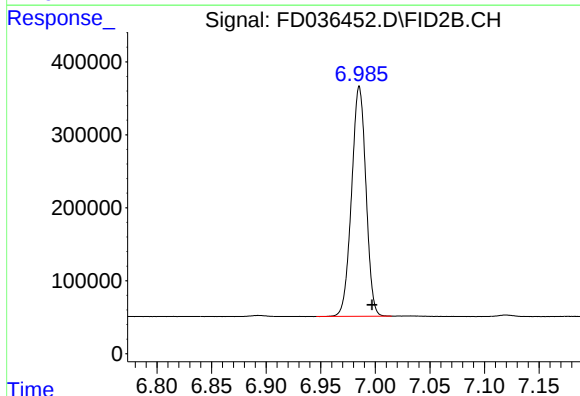
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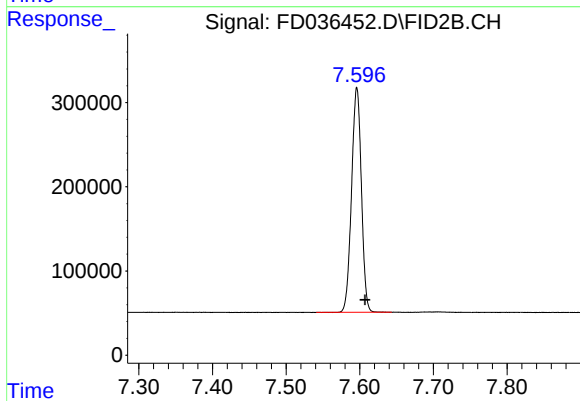
#2 Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.011 min
Response: 2877549
Conc: 21.23 ug/ml



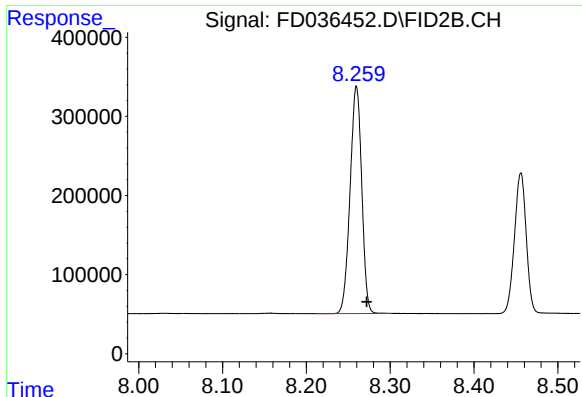
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.012 min
Response: 2885759
Conc: 21.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.596 min
Delta R.T.: -0.011 min
Response: 2475502
Conc: 21.00 ug/ml



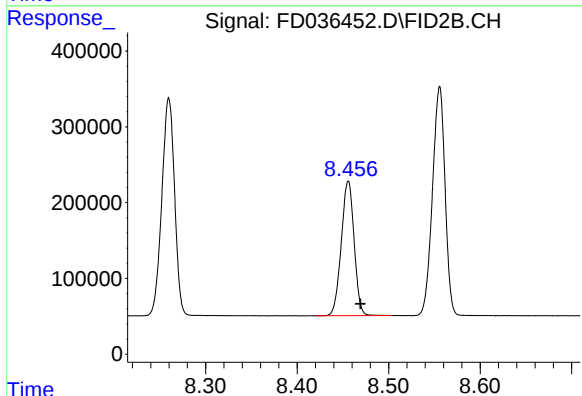
#5 Acenaphthylene (C15.06)

R.T.: 8.260 min
Delta R.T.: -0.012 min
Response: 2778471
Conc: 20.65 ug/ml

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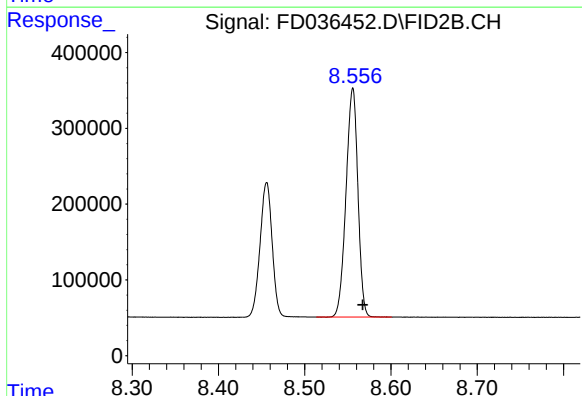
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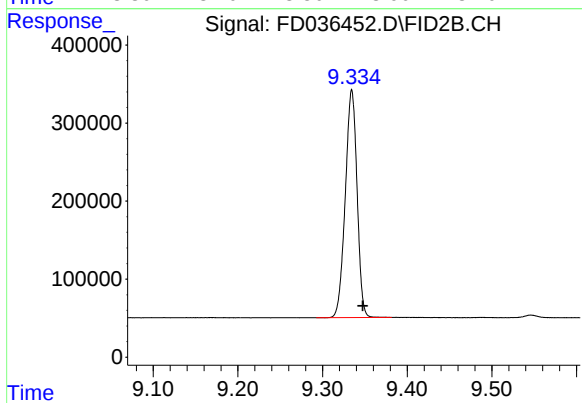
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.013 min
Response: 1734032
Conc: 20.84 ug/ml



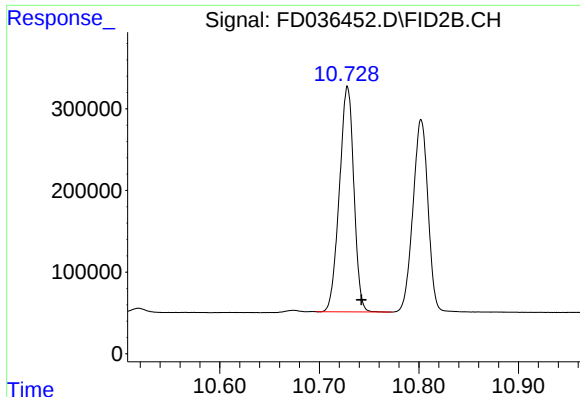
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: -0.011 min
Response: 2890909
Conc: 20.89 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.335 min
Delta R.T.: -0.013 min
Response: 2816714
Conc: 20.64 ug/ml



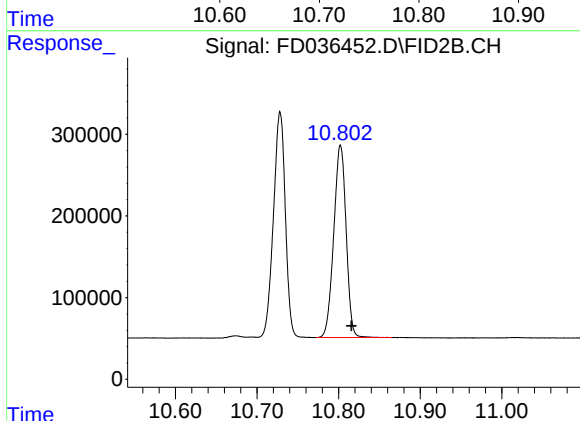
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: -0.014 min
Response: 2791607
Conc: 20.26 ug/ml

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20 PPM AROMATIC HC STD

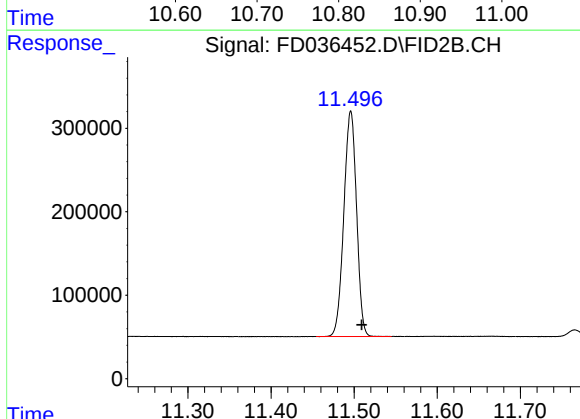
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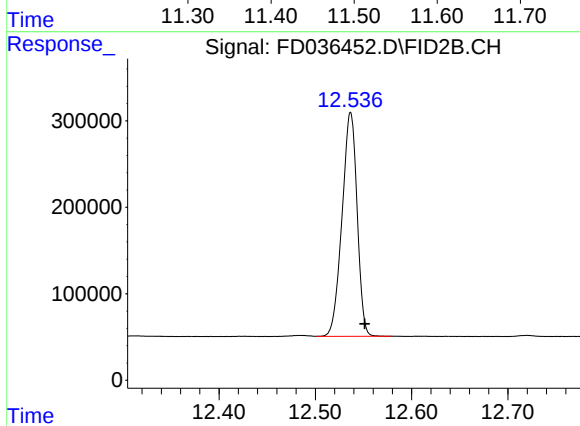
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: -0.013 min
Response: 2483072
Conc: 18.49 ug/ml



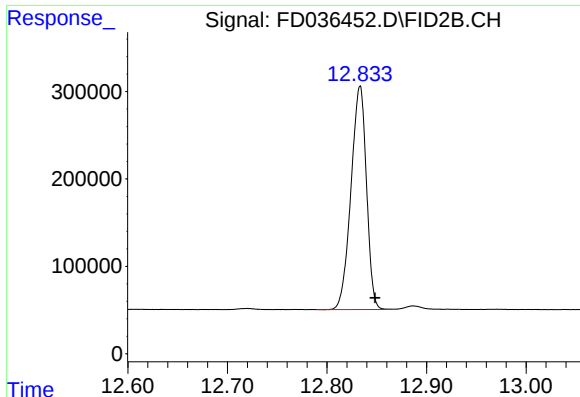
#11 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: -0.013 min
Response: 2871207
Conc: 20.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: -0.015 min
Response: 2803688
Conc: 20.19 ug/ml



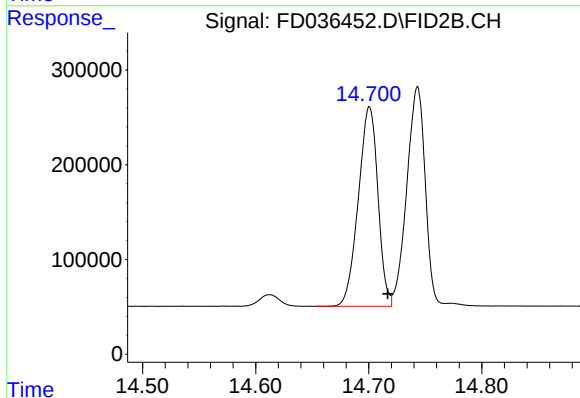
#13 Pyrene (C20.8)

R.T.: 12.833 min
Delta R.T.: -0.015 min
Response: 2760728
Conc: 20.14 ug/ml

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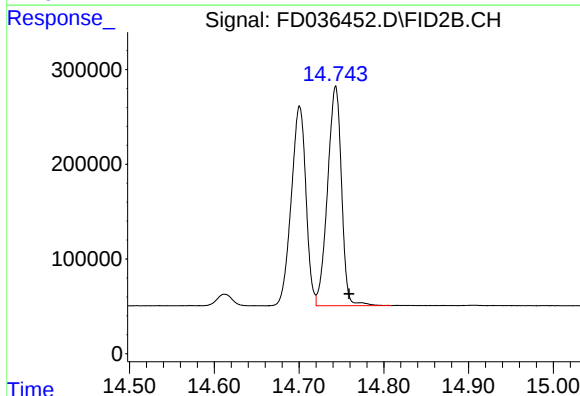
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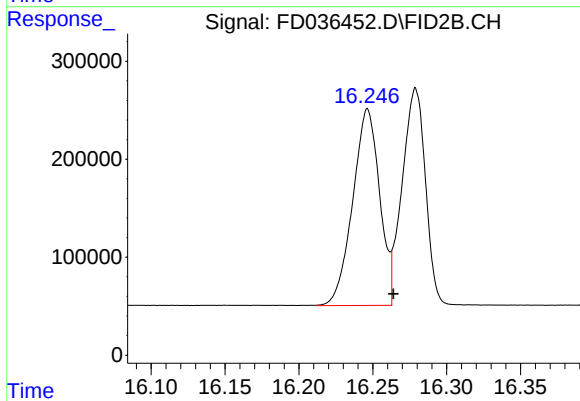
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: -0.016 min
Response: 2533142
Conc: 20.03 ug/ml



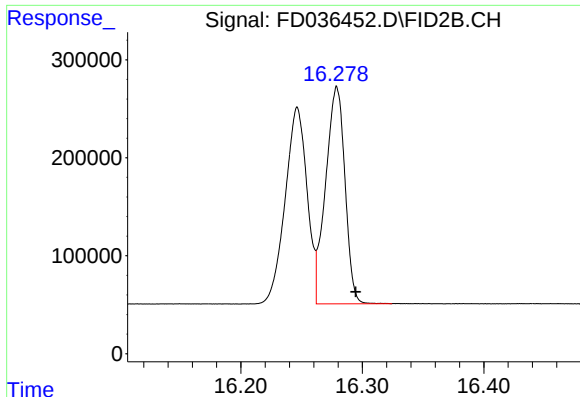
#15 Chrysene (C27.41)

R.T.: 14.743 min
Delta R.T.: -0.016 min
Response: 2651214
Conc: 20.47 ug/ml



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

R.T.: 16.246 min
Delta R.T.: -0.018 min
Response: 2559042
Conc: 21.03 ug/ml m



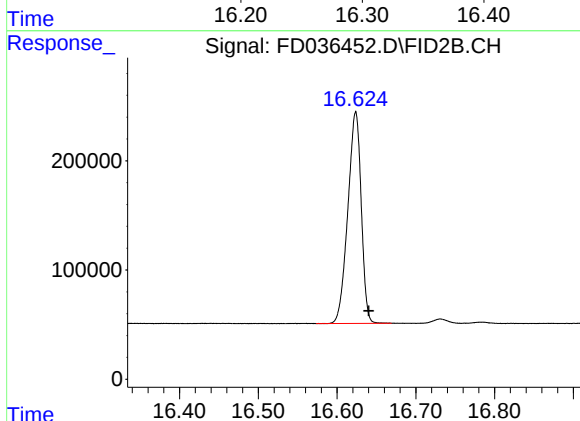
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.279 min
Delta R.T.: -0.015 min
Response: 2452991
Conc: 20.83 ug/ml

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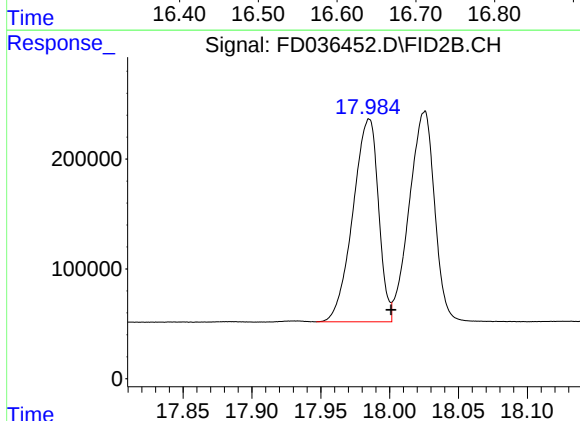
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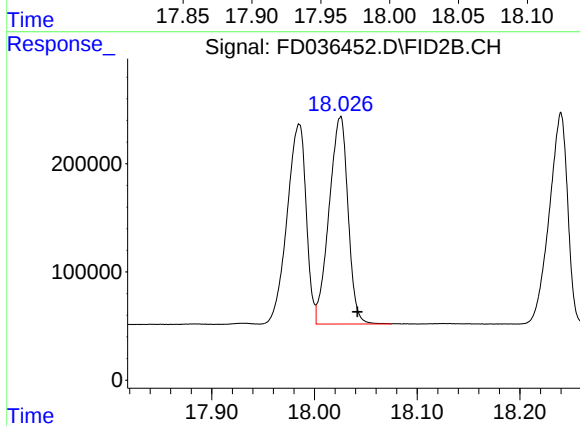
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.624 min
Delta R.T.: -0.017 min
Response: 2287631
Conc: 20.74 ug/ml



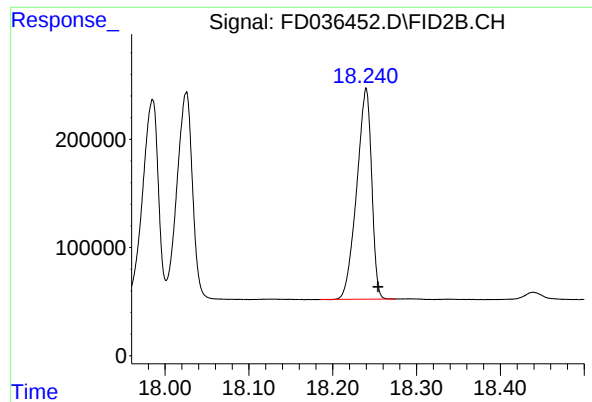
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: -0.016 min
Response: 2387688
Conc: 21.58 ug/ml



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

R.T.: 18.025 min
Delta R.T.: -0.017 min
Response: 2458624
Conc: 22.22 ug/ml



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

R.T.: 18.240 min
Delta R.T.: -0.014 min
Response: 2411664
Conc: 21.81 ug/ml

Instrument :
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