

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032221AR\
 Data File : FD036505.D
 Signal(s) : FID2B.CH
 Acq On : 23 Mar 2021 9:37
 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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 4/5/2021 12:51:25 PM

Integration File: autoint1.e
 Quant Time: Mar 23 10:22:28 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...	7.594	2288678	19.417 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
6) S 2-Fluorobiphenyl (SURR)	8.454	1591539	19.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.25%
11) S ortho-Terphenyl (SURR)	11.494	2638924	18.731 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	2471483	19.712 ug/ml
2) T Naphthalene (C11.7)	5.932	2652749	19.576 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	2655832	19.449 ug/ml
5) T Acenaphthylene (C15.06)	8.257	2576966	19.154 ug/ml
7) T Acenaphthene (C15.5)	8.553	2669597	19.287 ug/ml
8) T Flouorene (C16.55)	9.332	2590702	18.984 ug/ml
9) T Phenanthrene (C19.36)	10.726	2572373	18.671 ug/ml
10) T Anthracene (C19.43)	10.800	2464875	18.359 ug/ml
12) T Fluoranthene (C21.85)	12.535	2539465	18.286 ug/ml
13) T Pyrene (C20.8)	12.830	2500886	18.242 ug/ml
14) T Benzo[a]anthracene (C...	14.698	2262028	17.884 ug/ml
15) T Chrysene (C27.41)	14.740	2329799	17.991 ug/ml
16) T benzo[b]fluoranthene ...	16.244	2213877	18.191 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.277	2175198	18.472 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.621	2057274	18.655 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.982	2145175	19.389 ug/ml
20) T Dibenz[a,h]anthracene...	18.023	2178781	19.689 ug/ml
21) T Benzo[g,h,i]perylene ...	18.237	2185621	19.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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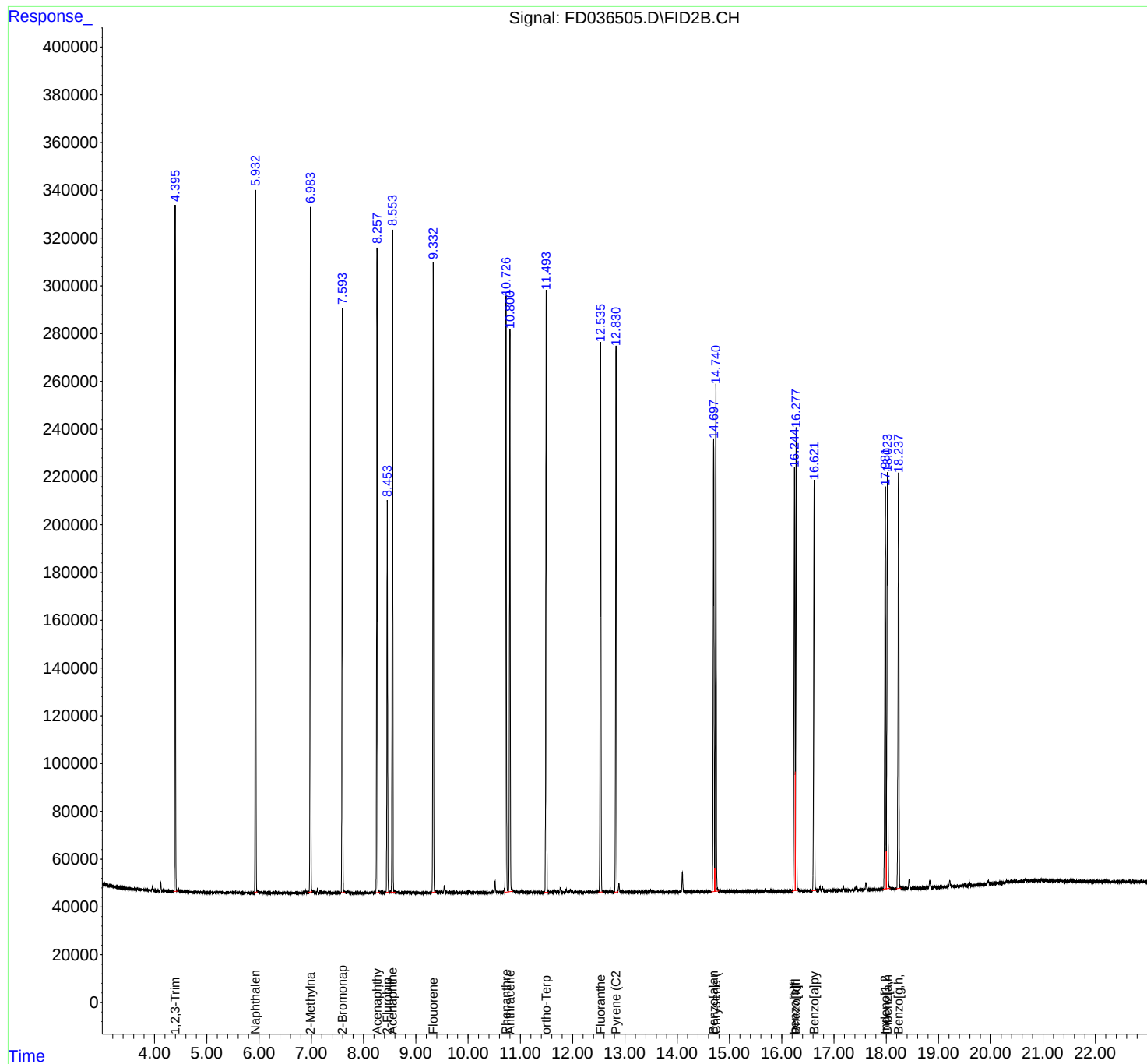
Instrument :
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20 PPM AROMATIC HC STD

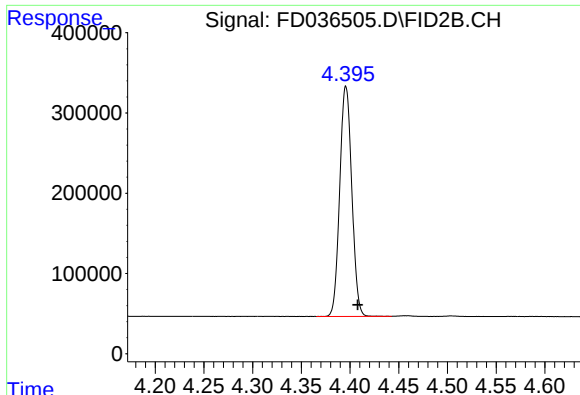
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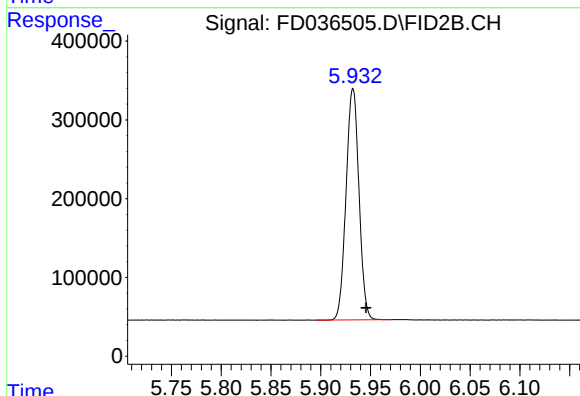
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.396 min
Delta R.T.: -0.012 min
Response: 2471483
Conc: 19.71 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

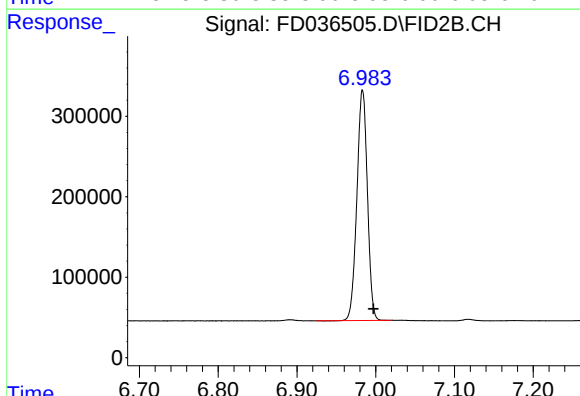
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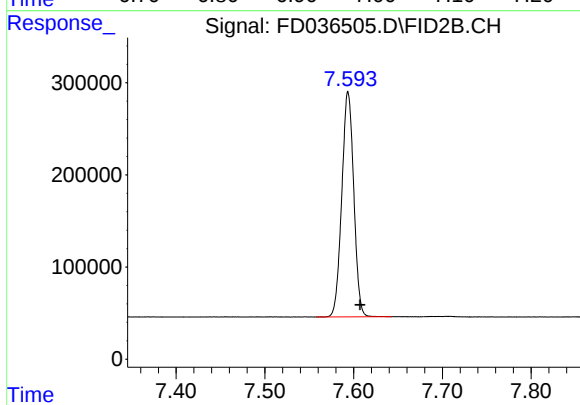
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.013 min
Response: 2652749
Conc: 19.58 ug/ml



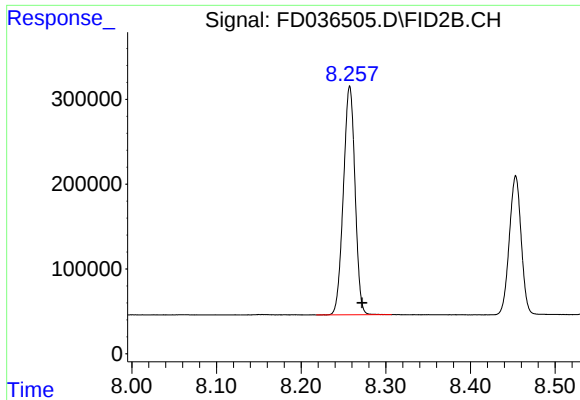
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: -0.014 min
Response: 2655832
Conc: 19.45 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.594 min
Delta R.T.: -0.014 min
Response: 2288678
Conc: 19.42 ug/ml



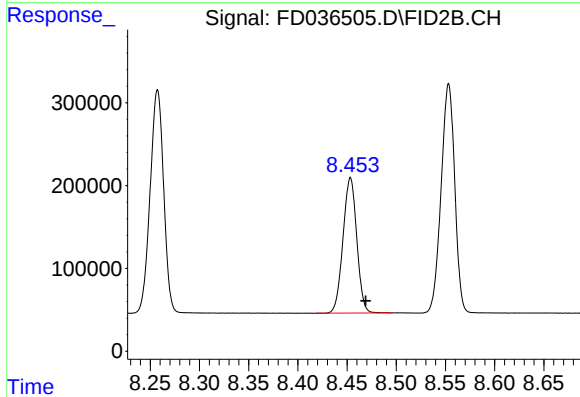
#5 Acenaphthylene (C15.06)

R.T.: 8.257 min
Delta R.T.: -0.015 min
Response: 2576966
Conc: 19.15 ug/ml

Instrument :
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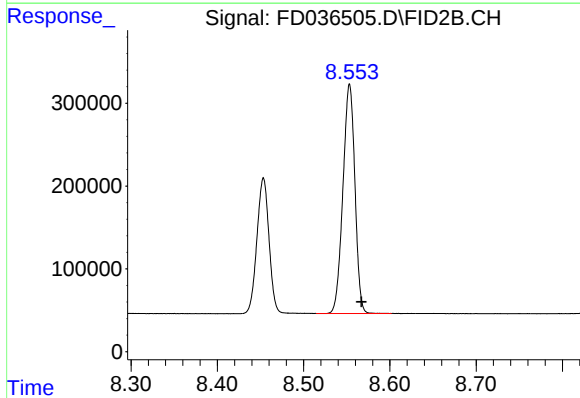
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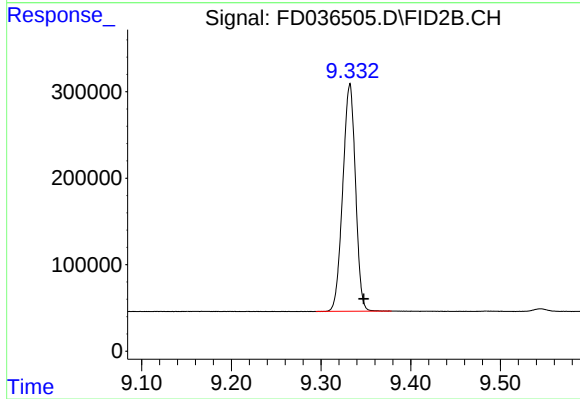
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: -0.015 min
Response: 1591539
Conc: 19.12 ug/ml



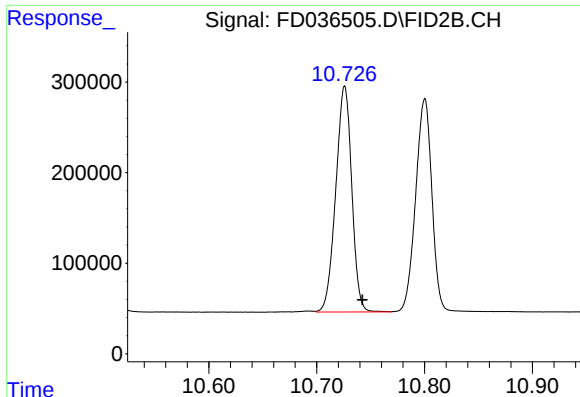
#7 Acenaphthene (C15.5)

R.T.: 8.553 min
Delta R.T.: -0.014 min
Response: 2669597
Conc: 19.29 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.332 min
Delta R.T.: -0.015 min
Response: 2590702
Conc: 18.98 ug/ml



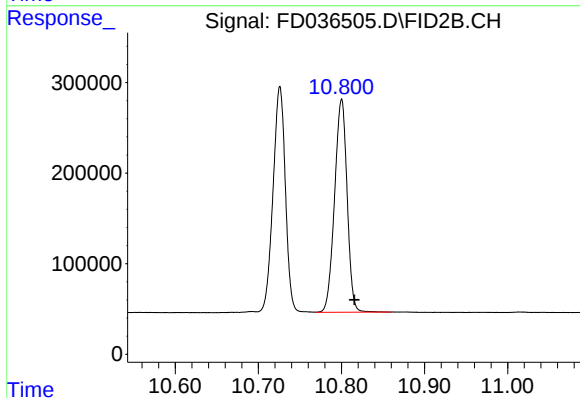
#9 Phenanthrene (C19.36)

R.T.: 10.726 min
Delta R.T.: -0.016 min
Response: 2572373
Conc: 18.67 ug/ml

Instrument :
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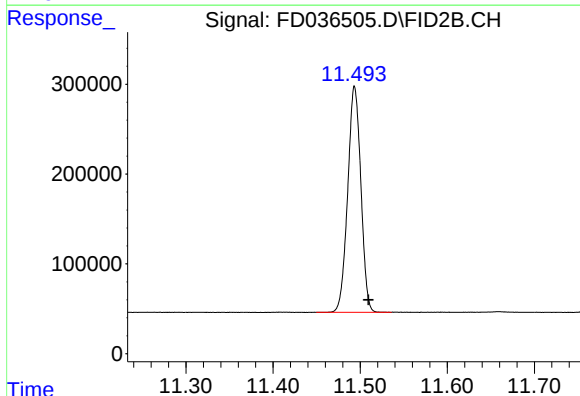
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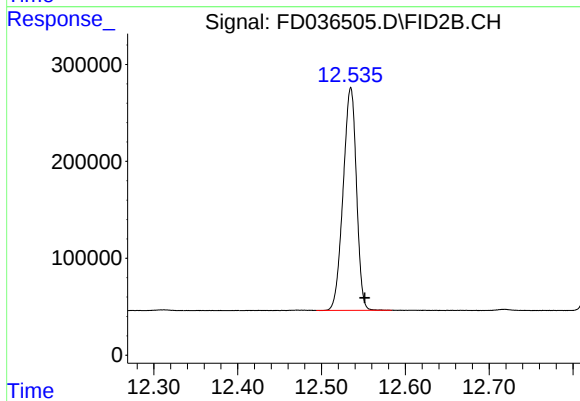
#10 Anthracene (C19.43)

R.T.: 10.800 min
Delta R.T.: -0.015 min
Response: 2464875
Conc: 18.36 ug/ml



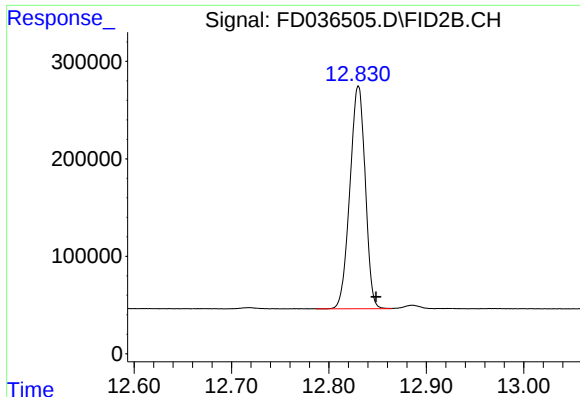
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: -0.016 min
Response: 2638924
Conc: 18.73 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.535 min
Delta R.T.: -0.016 min
Response: 2539465
Conc: 18.29 ug/ml



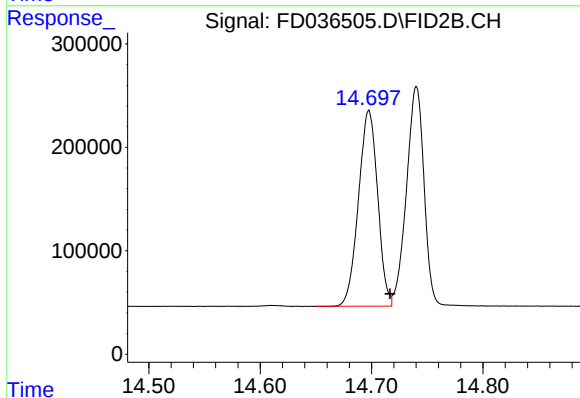
#13 Pyrene (C20.8)

R.T.: 12.830 min
Delta R.T.: -0.018 min
Response: 2500886
Conc: 18.24 ug/ml

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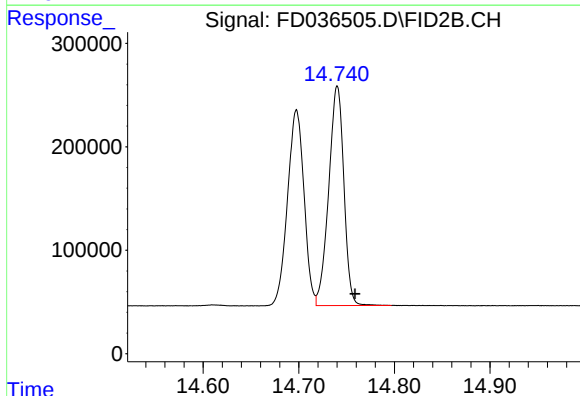
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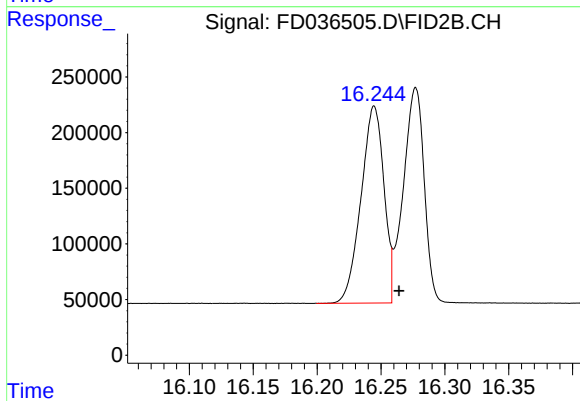
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.698 min
Delta R.T.: -0.019 min
Response: 2262028
Conc: 17.88 ug/ml



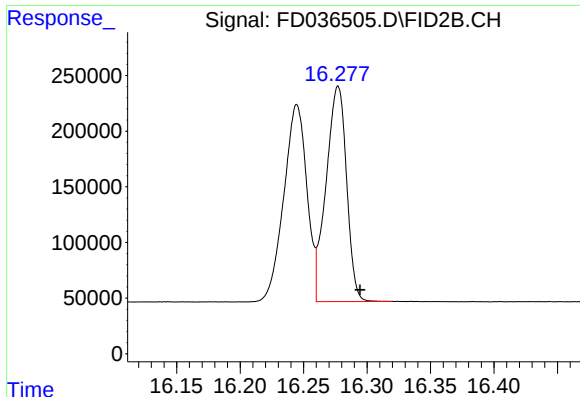
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: -0.019 min
Response: 2329799
Conc: 17.99 ug/ml



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

R.T.: 16.244 min
Delta R.T.: -0.020 min
Response: 2213877
Conc: 18.19 ug/ml m



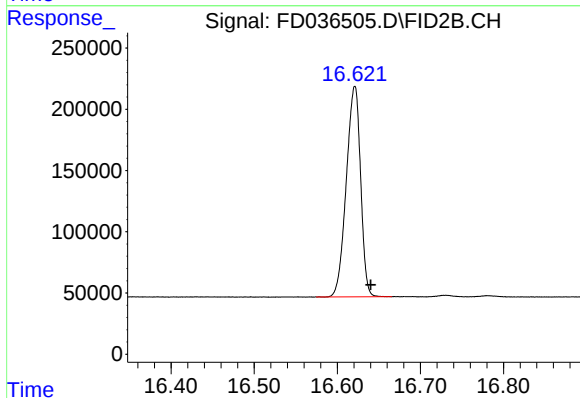
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.277 min
Delta R.T.: -0.017 min
Response: 2175198
Conc: 18.47 ug/ml

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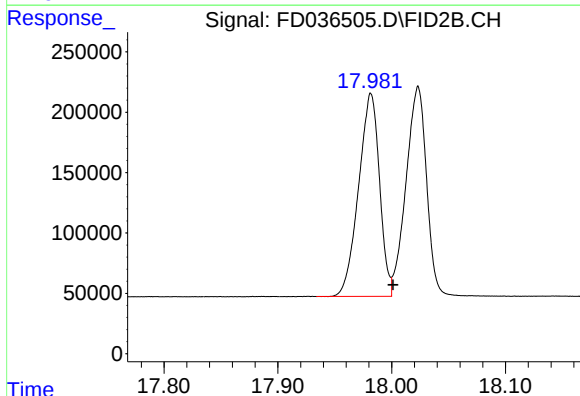
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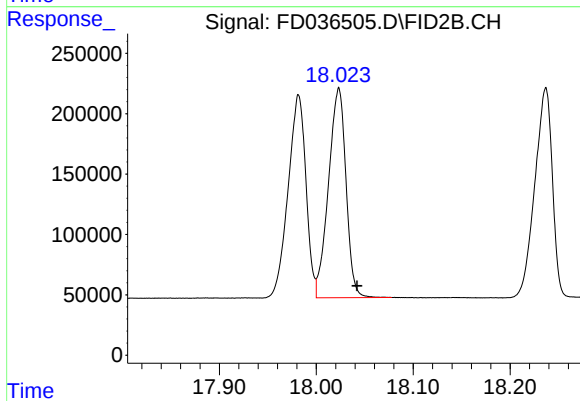
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min
Delta R.T.: -0.019 min
Response: 2057274
Conc: 18.66 ug/ml



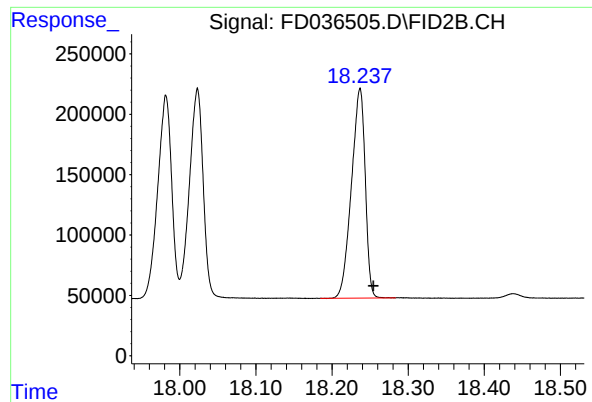
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.982 min
Delta R.T.: -0.019 min
Response: 2145175
Conc: 19.39 ug/ml



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

R.T.: 18.023 min
Delta R.T.: -0.019 min
Response: 2178781
Conc: 19.69 ug/ml



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

R.T.: 18.237 min
Delta R.T.: -0.017 min
Response: 2185621
Conc: 19.77 ug/ml

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