

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036534.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2021 14:29
 Operator : DD\AJ
 Sample : PB135324BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB135324BS

Integration File: sample.E
 Quant Time: Mar 26 01:29:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.595	5880296	41.810 ug/ml
Spiked Amount 50.000		Recovery =	83.62%
6) S 2-Fluorobiphenyl (SURR)	8.454	3977772	42.376 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.75%
11) S ortho-Terphenyl (SURR)	11.497	6900614	45.182 ug/ml
Spiked Amount 50.000		Recovery =	90.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	3060471	20.879 ug/ml
2) T Naphthalene (C11.7)	5.930	3583063	22.799 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	3906007	24.853 ug/ml
5) T Acenaphthylene (C15.06)	8.257	4230303	28.232 ug/ml
7) T Acenaphthene (C15.5)	8.553	4672527	30.100 ug/ml
8) T Flouorene (C16.55)	9.334	5519024	36.657 ug/ml
9) T Phenanthrene (C19.36)	10.730	6351741	43.335 ug/ml
10) T Anthracene (C19.43)	10.805	6329076	43.719 ug/ml
12) T Fluoranthene (C21.85)	12.540	6421391	45.738 ug/ml
13) T Pyrene (C20.8)	12.836	6293755	45.872 ug/ml
14) T Benzo[a]anthracene (C...	14.703	5481919	46.160 ug/ml
15) T Chrysene (C27.41)	14.748	5759817	47.628 ug/ml
16) T benzo[b]fluoranthene ...	16.249	5124344	46.699 ug/ml
17) T Bnezo[k]fluoranthene ...	16.284	4851147	45.637 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.628	4864633	48.811 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.989	4400140	43.774 ug/ml
20) T Dibenz[a,h]anthracene...	18.029	4438190	44.015 ug/ml
21) T Benzo[g,h,i]perylene ...	18.246	4474896	44.165 ug/ml

(f)=RT Delta > 1/2 Window

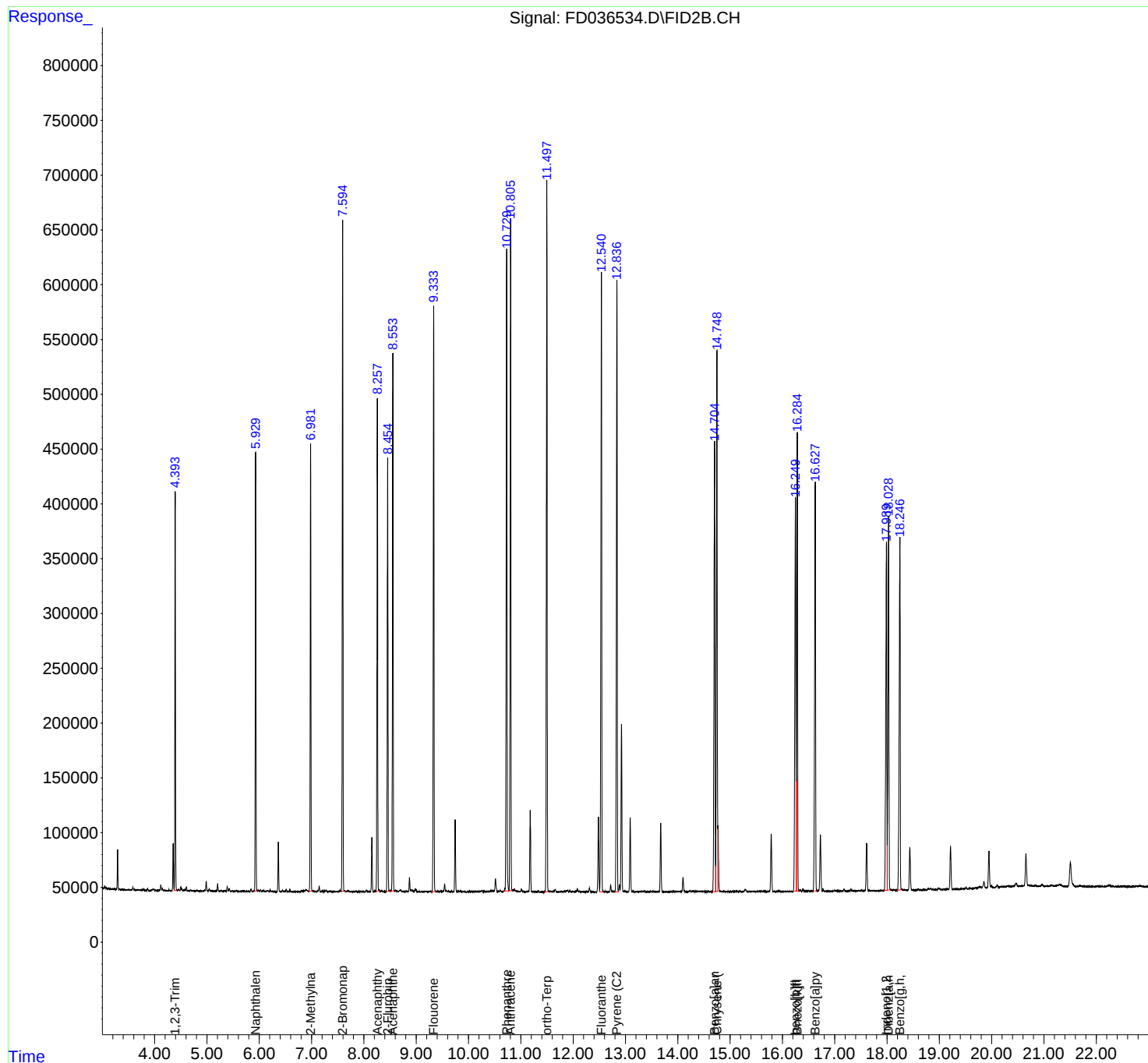
(m)=manual int.

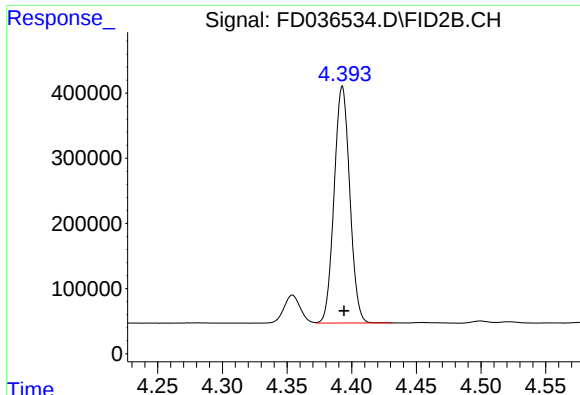
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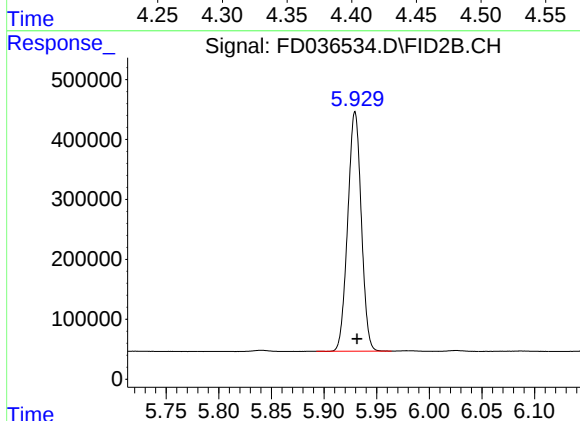




#1 1,2,3-Trimethylbenzene (C10.1)

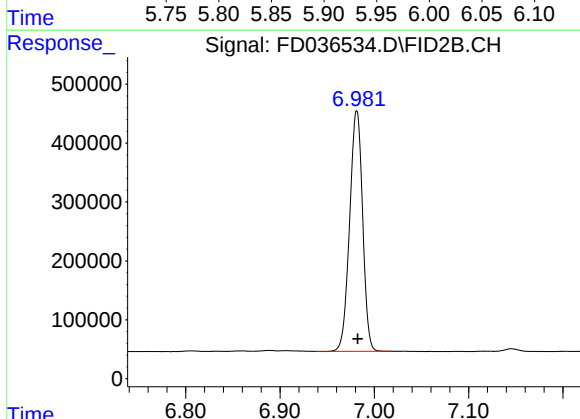
R.T.: 4.393 min
Delta R.T.: -0.001 min
Response: 3060471
Conc: 20.88 ug/ml

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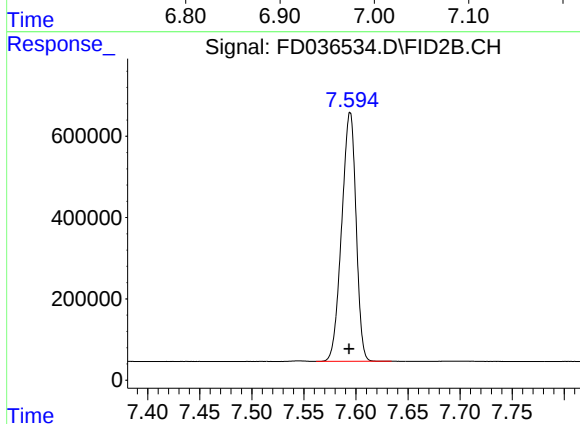
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 3583063
Conc: 22.80 ug/ml



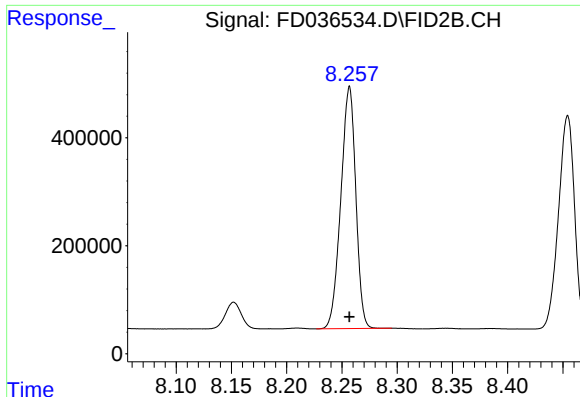
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 3906007
Conc: 24.85 ug/ml



#4 2-Bromonaphthalene (SURR)

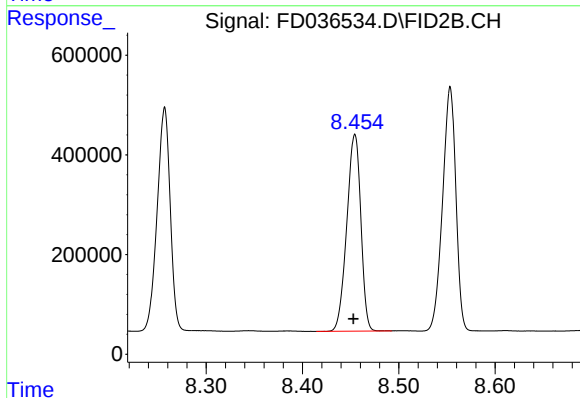
R.T.: 7.595 min
Delta R.T.: 0.001 min
Response: 5880296
Conc: 41.81 ug/ml



#5 Acenaphthylene (C15.06)

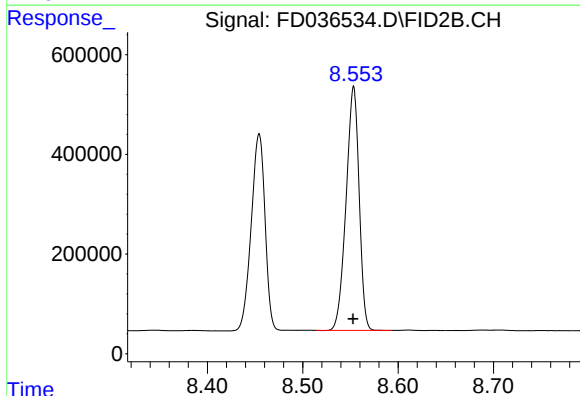
R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 4230303
Conc: 28.23 ug/ml

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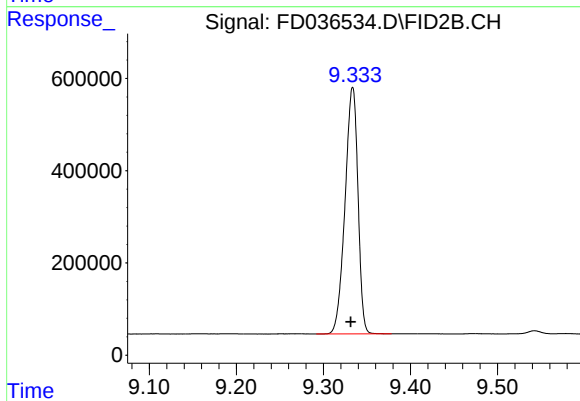
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: 0.002 min
Response: 3977772
Conc: 42.38 ug/ml



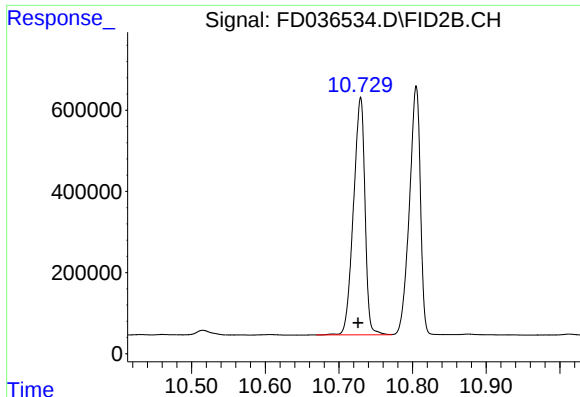
#7 Acenaphthene (C15.5)

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 4672527
Conc: 30.10 ug/ml



#8 Flouorene (C16.55)

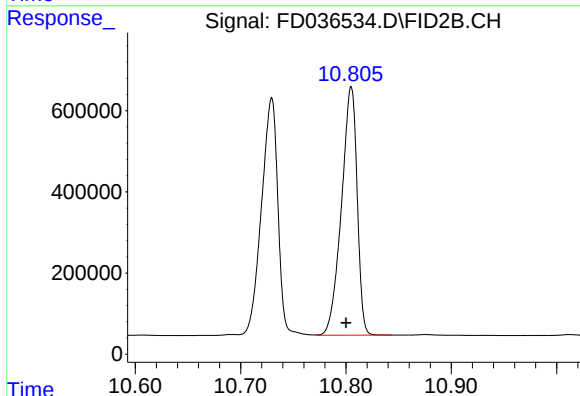
R.T.: 9.334 min
Delta R.T.: 0.002 min
Response: 5519024
Conc: 36.66 ug/ml



#9 Phenanthrene (C19.36)

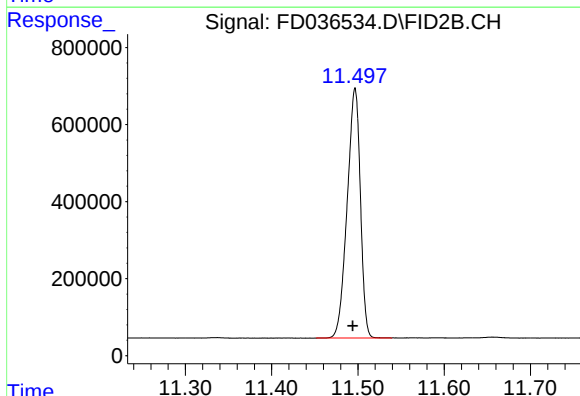
R.T.: 10.730 min
Delta R.T.: 0.004 min
Response: 6351741
Conc: 43.34 ug/ml

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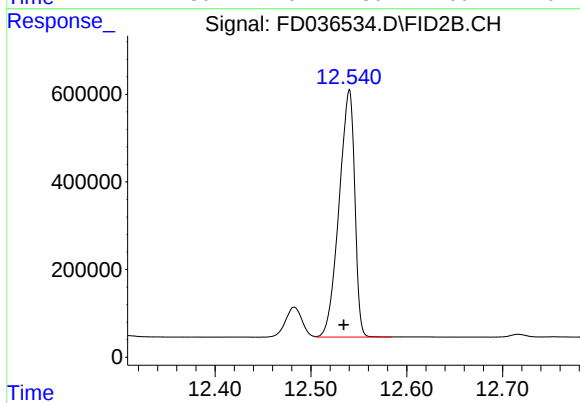
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: 0.005 min
Response: 6329076
Conc: 43.72 ug/ml



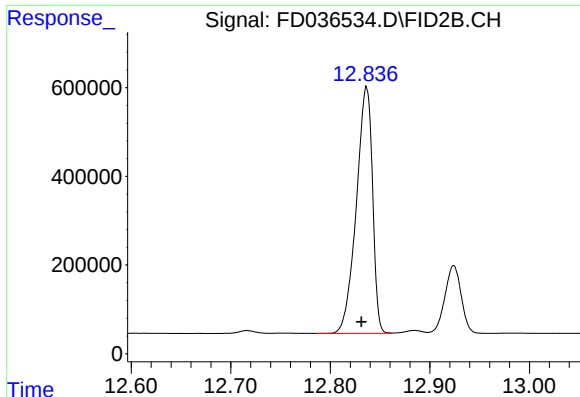
#11 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: 0.003 min
Response: 6900614
Conc: 45.18 ug/ml



#12 Fluoranthene (C21.85)

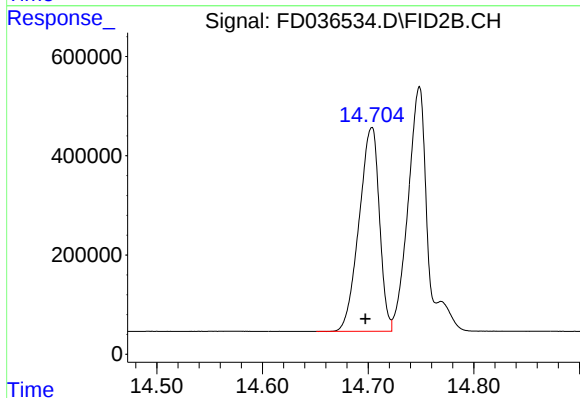
R.T.: 12.540 min
Delta R.T.: 0.006 min
Response: 6421391
Conc: 45.74 ug/ml



#13 Pyrene (C20.8)

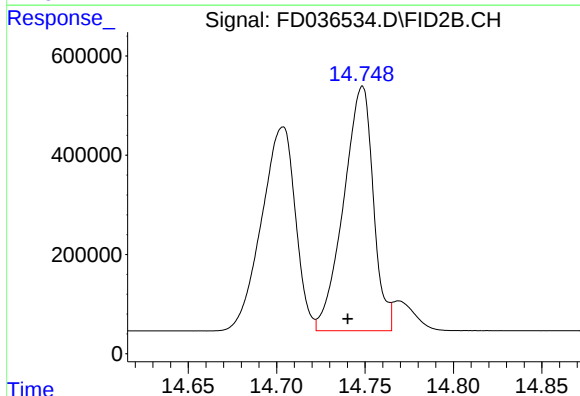
R.T.: 12.836 min
Delta R.T.: 0.005 min
Response: 6293755
Conc: 45.87 ug/ml

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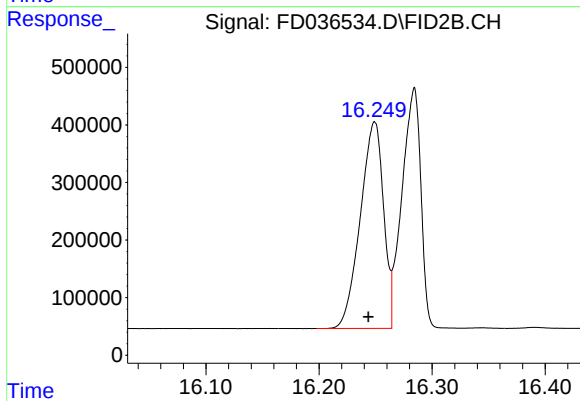
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.703 min
Delta R.T.: 0.006 min
Response: 5481919
Conc: 46.16 ug/ml



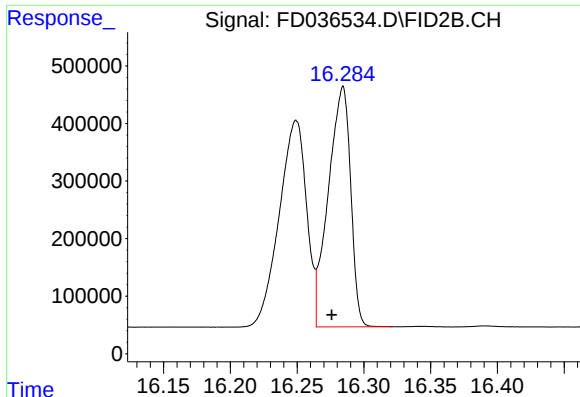
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: 0.008 min
Response: 5759817
Conc: 47.63 ug/ml



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

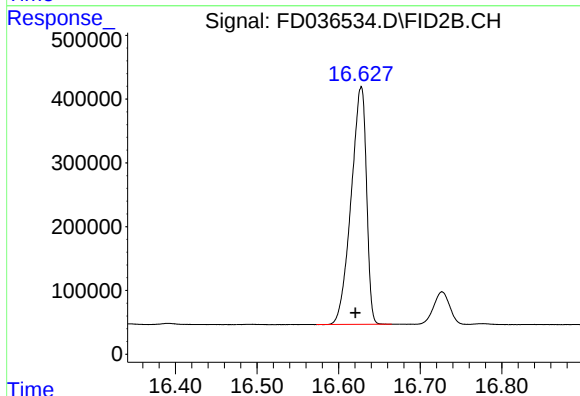
R.T.: 16.249 min
Delta R.T.: 0.006 min
Response: 5124344
Conc: 46.70 ug/ml



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

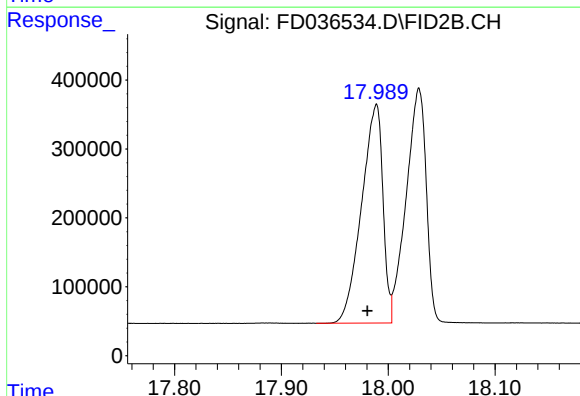
R.T.: 16.284 min
Delta R.T.: 0.008 min
Response: 4851147
Conc: 45.64 ug/ml

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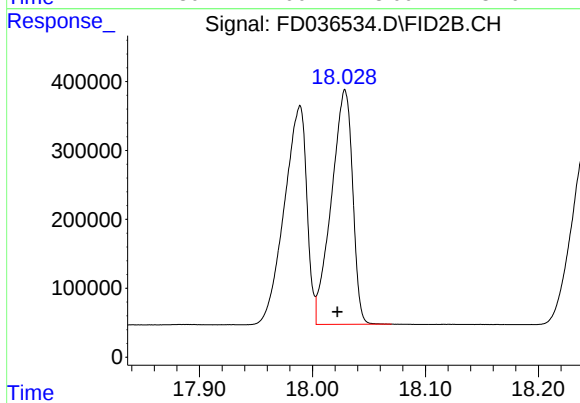
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.628 min
Delta R.T.: 0.007 min
Response: 4864633
Conc: 48.81 ug/ml



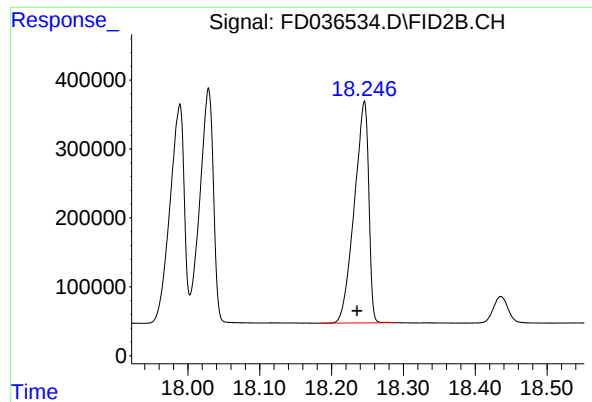
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.989 min
Delta R.T.: 0.008 min
Response: 4400140
Conc: 43.77 ug/ml



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

R.T.: 18.029 min
Delta R.T.: 0.007 min
Response: 4438190
Conc: 44.02 ug/ml



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

R.T.: 18.246 min
Delta R.T.: 0.010 min
Response: 4474896
Conc: 44.17 ug/ml

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