

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060722AR\
 Data File : FD042830.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jun 2022 5:22
 Operator : UA/NP
 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

Reviewed By :Yogesh Patel 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File: autoint1.e
 Quant Time: Jun 08 07:00:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.661	3090798	20.226 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
6) S 2-Fluorobiphenyl (SURR)	8.525	2021582	19.656 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.31%
11) S ortho-Terphenyl (SURR)	11.574	3353847	18.892 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.454	3492241	20.858 ug/ml
2) T Naphthalene (C11.7)	5.996	3568034	20.637 ug/ml
3) T 2-Methylnaphthalene (...)	7.049	3241384	20.326 ug/ml
5) T Acenaphthylene (C15.06)	8.328	3357915	19.435 ug/ml
7) T Acenaphthene (C15.5)	8.625	3377224	19.627 ug/ml
8) T Flouorene (C16.55)	9.407	3272510	19.493 ug/ml
9) T Phenanthrene (C19.36)	10.805	3078543	18.721 ug/mlm
10) T Anthracene (C19.43)	10.879	2784116	18.216 ug/ml
12) T Fluoranthene (C21.85)	12.621	2837789	18.012 ug/ml
13) T Pyrene (C20.8)	12.918	2769327	17.788 ug/ml
14) T Benzo[a]anthracene (C...	14.791	2530987	18.982 ug/ml
15) T Chrysene (C27.41)	14.834	2543896	19.255 ug/ml
16) T benzo[b]fluoranthene ...	16.343	2649353	19.888 ug/ml
17) T Bnezo[k]fluoranthene ...	16.376	2518003	20.330 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.722	2524988	20.401 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.087	2389518	21.438 ug/ml
20) T Dibenz[a,h]anthracene...	18.129	2601309	23.386 ug/ml
21) T Benzo[g,h,i]perylene ...	18.344	2551586	21.468 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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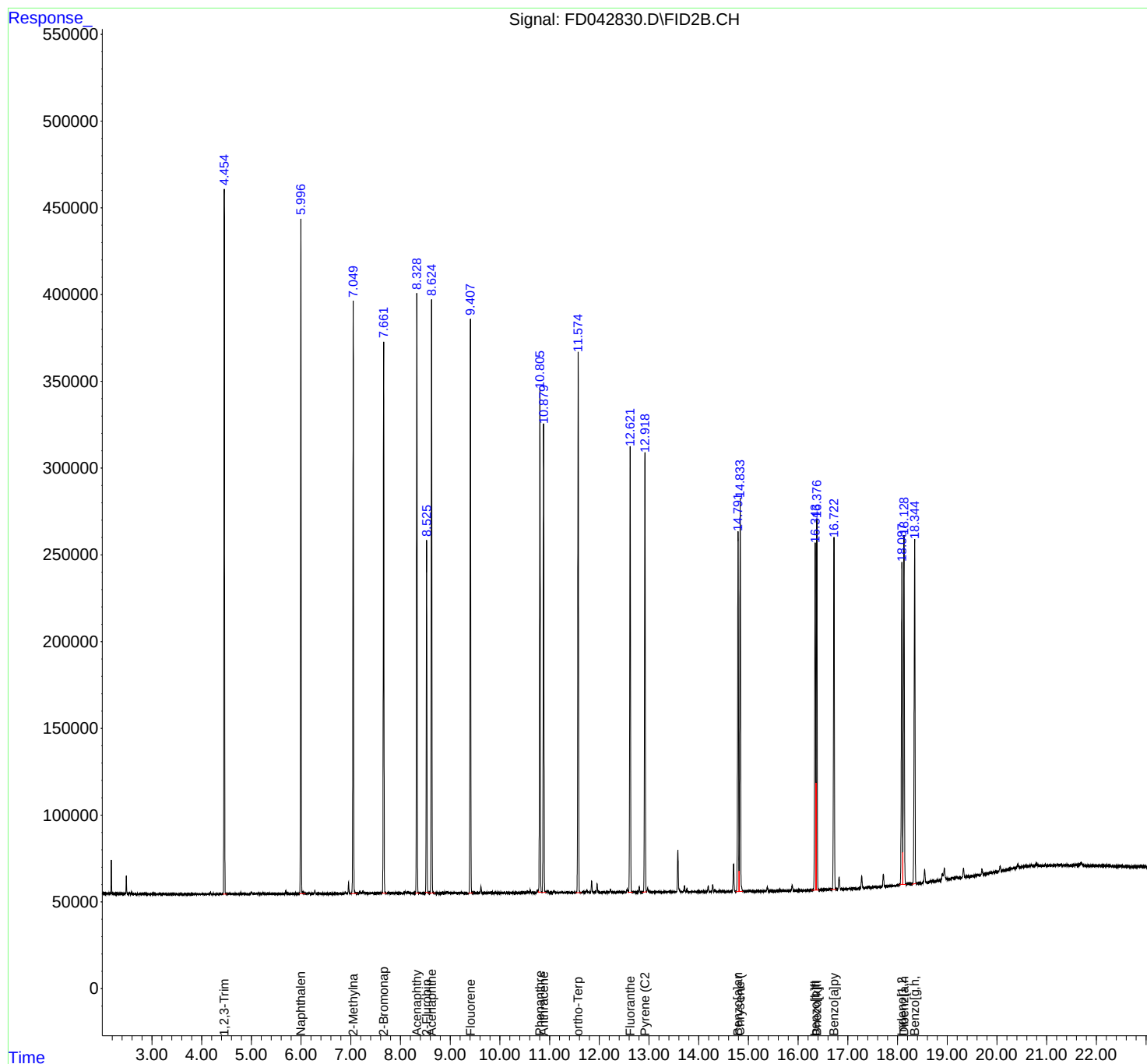
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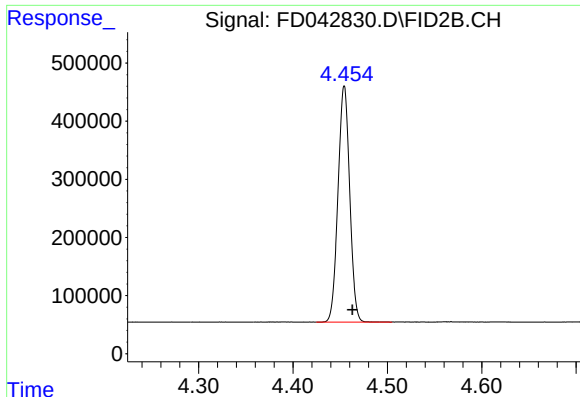
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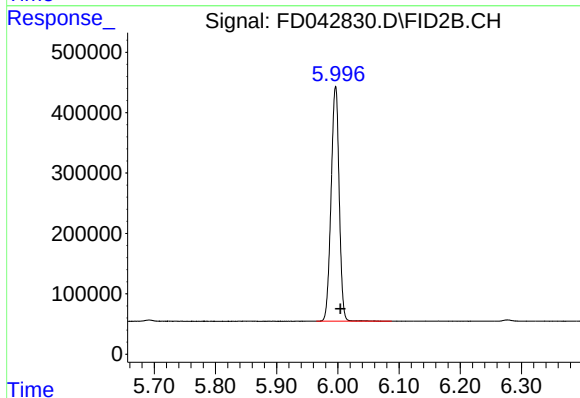
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.454 min
Delta R.T.: -0.009 min
Response: 3492241
Conc: 20.86 ug/ml

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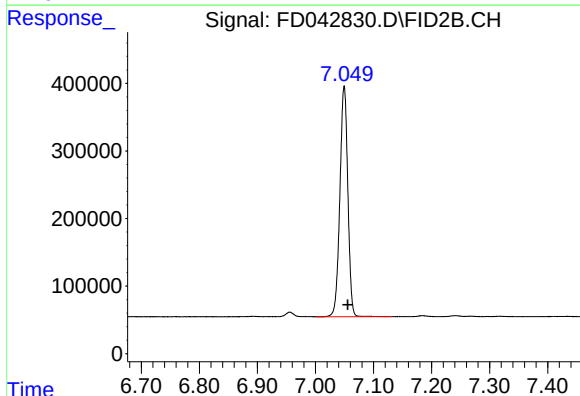
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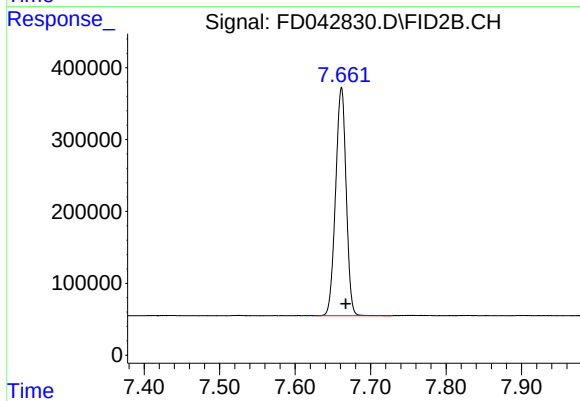
#2 Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.008 min
Response: 3568034
Conc: 20.64 ug/ml



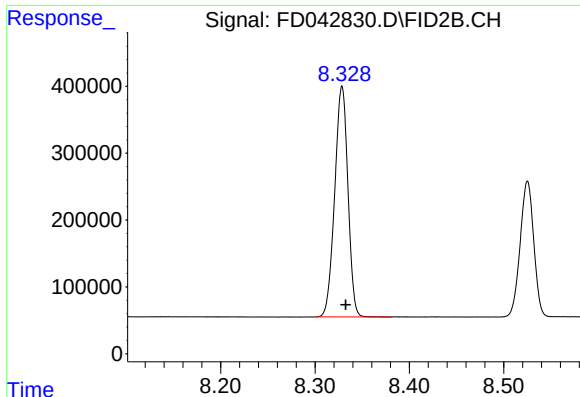
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.049 min
Delta R.T.: -0.006 min
Response: 3241384
Conc: 20.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.661 min
Delta R.T.: -0.006 min
Response: 3090798
Conc: 20.23 ug/ml



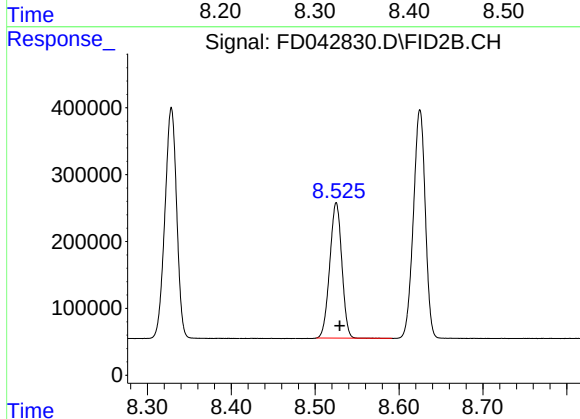
#5 Acenaphthylene (C15.06)

R.T.: 8.328 min
Delta R.T.: -0.004 min
Response: 3357915
Conc: 19.44 ug/ml

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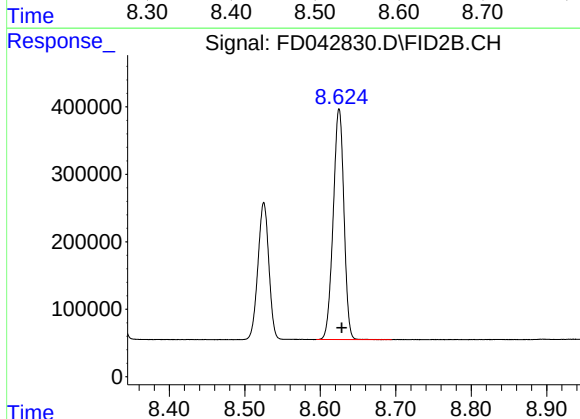
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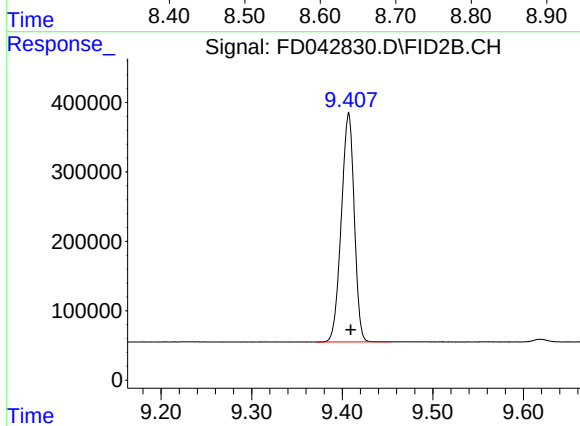
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.525 min
Delta R.T.: -0.004 min
Response: 2021582
Conc: 19.66 ug/ml



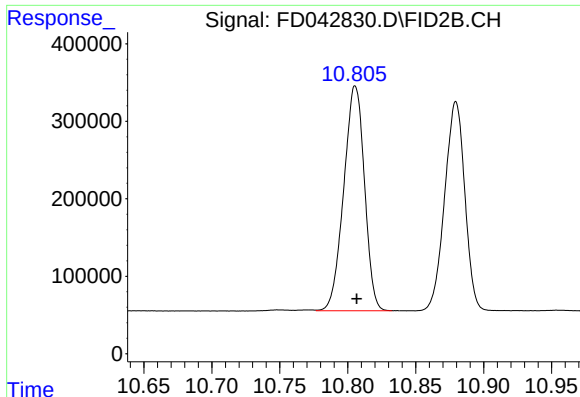
#7 Acenaphthene (C15.5)

R.T.: 8.625 min
Delta R.T.: -0.004 min
Response: 3377224
Conc: 19.63 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.407 min
Delta R.T.: -0.002 min
Response: 3272510
Conc: 19.49 ug/ml



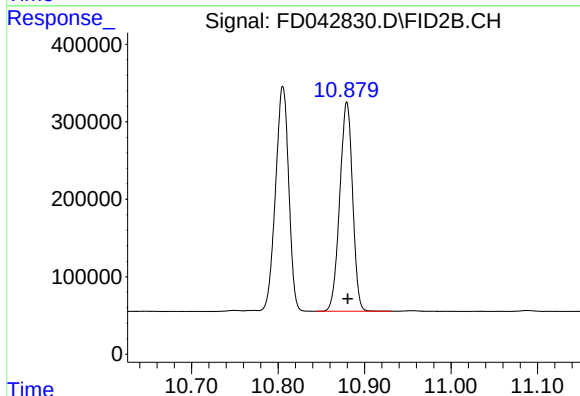
#9 Phenanthrene (C19.36)

R.T.: 10.805 min
Delta R.T.: -0.002 min
Response: 3078543
Conc: 18.72 ug/ml

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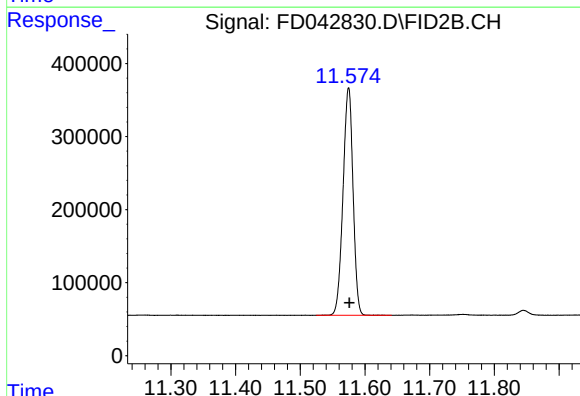
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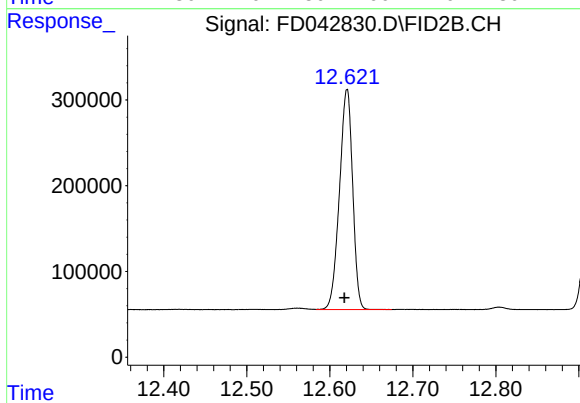
#10 Anthracene (C19.43)

R.T.: 10.879 min
Delta R.T.: 0.000 min
Response: 2784116
Conc: 18.22 ug/ml



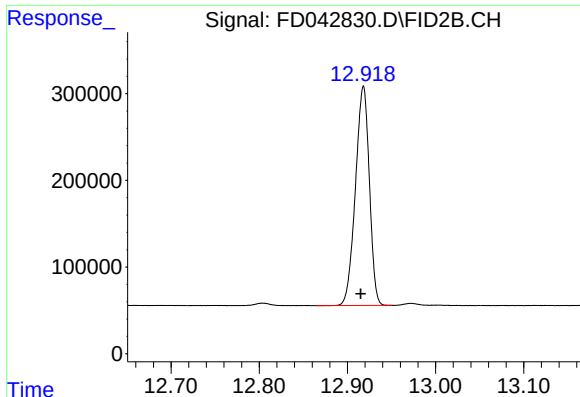
#11 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.002 min
Response: 3353847
Conc: 18.89 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.621 min
Delta R.T.: 0.003 min
Response: 2837789
Conc: 18.01 ug/ml



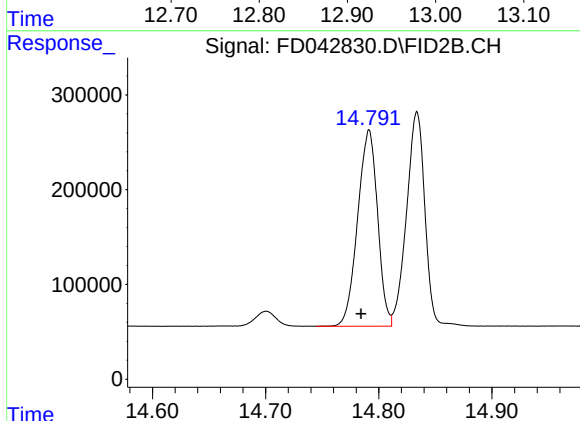
#13 Pyrene (C20.8)

R.T.: 12.918 min
Delta R.T.: 0.003 min
Response: 2769327
Conc: 17.79 ug/ml

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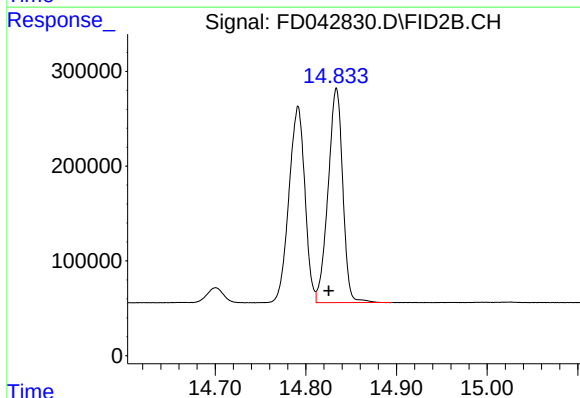
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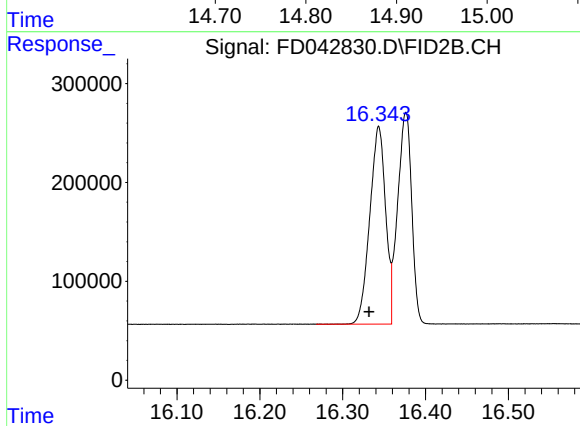
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.791 min
Delta R.T.: 0.007 min
Response: 2530987
Conc: 18.98 ug/ml



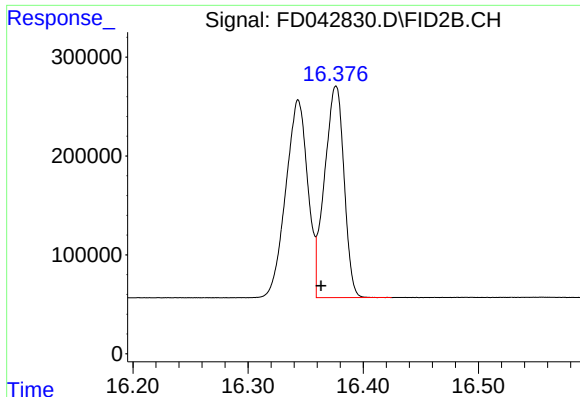
#15 Chrysene (C27.41)

R.T.: 14.834 min
Delta R.T.: 0.008 min
Response: 2543896
Conc: 19.25 ug/ml



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

R.T.: 16.343 min
Delta R.T.: 0.012 min
Response: 2649353
Conc: 19.89 ug/ml



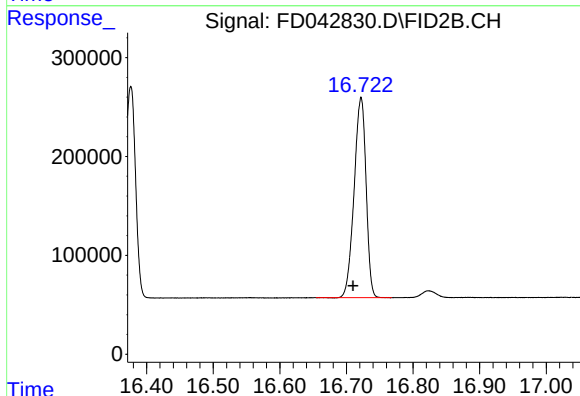
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.376 min
Delta R.T.: 0.013 min
Response: 2518003
Conc: 20.33 ug/ml

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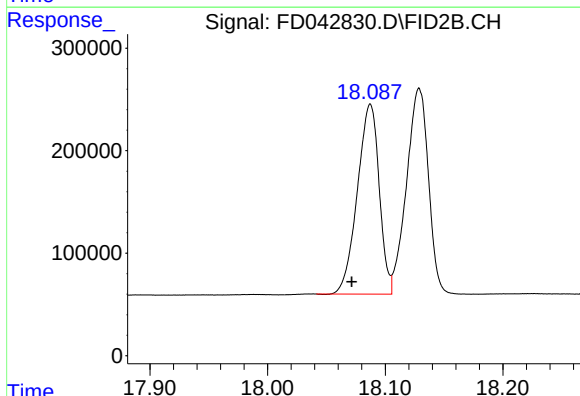
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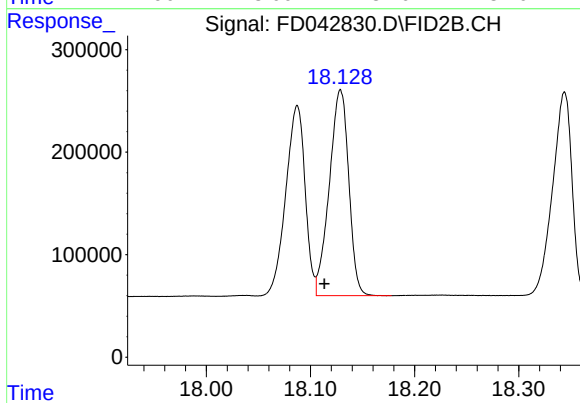
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.722 min
Delta R.T.: 0.012 min
Response: 2524988
Conc: 20.40 ug/ml



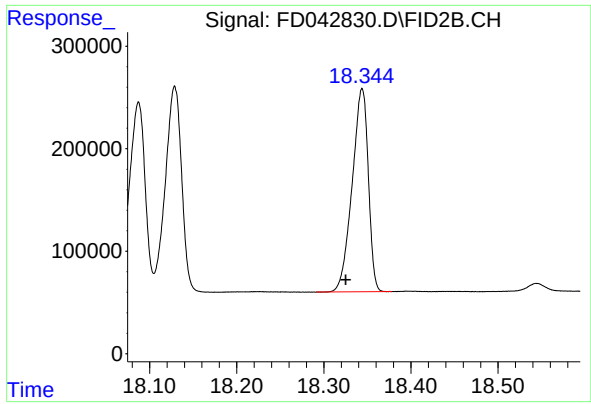
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.087 min
Delta R.T.: 0.016 min
Response: 2389518
Conc: 21.44 ug/ml



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

R.T.: 18.129 min
Delta R.T.: 0.015 min
Response: 2601309
Conc: 23.39 ug/ml



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

R.T.: 18.344 min
Delta R.T.: 0.018 min
Response: 2551586
Conc: 21.47 ug/ml

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