

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122719AR\
 Data File : FD031933.D
 Signal(s) : FID2B.CH
 Acq On : 28 Dec 2019 1:54
 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

mohammad
 12/30/2019 1:57:50 PM

Integration File: autoint1.e
 Quant Time: Dec 28 02:50:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.639	2771734	22.408 ug/ml
Spiked Amount 50.000		Recovery =	44.82%
6) S 2-Fluorobiphenyl (SURR)	8.500	1886566	22.118 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.24%
11) S ortho-Terphenyl (SURR)	11.536	2894196	21.875 ug/ml
Spiked Amount 50.000		Recovery =	43.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.443	2921740	23.120 ug/ml
2) T Naphthalene (C11.7)	5.980	3076550	22.815 ug/ml
3) T 2-Methylnaphthalene (...)	7.030	3032750	22.535 ug/ml
5) T Acenaphthylene (C15.06)	8.304	2834745	21.747 ug/ml
7) T Acenaphthene (C15.5)	8.599	3001856	22.213 ug/ml
8) T Flouorene (C16.55)	9.378	2959567	22.003 ug/ml
9) T Phenanthrene (C19.36)	10.772	2908514	21.564 ug/ml
10) T Anthracene (C19.43)	10.845	2433528	18.243 ug/ml
12) T Fluoranthene (C21.85)	12.580	2879938	21.286 ug/ml
13) T Pyrene (C20.8)	12.877	2837451	21.170 ug/ml
14) T Benzo[a]anthracene (C...	14.744	2639721	20.720 ug/mlm
15) T Chrysene (C27.41)	14.787	2684783	21.043 ug/ml
16) T benzo[b]fluoranthene ...	16.291	2614149	21.220 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.323	2631777	21.648 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	2583771	21.557 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	2581610	22.456 ug/mlm
20) T Dibenz[a,h]anthracene...	18.071	2690904	23.839 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	2562583	22.614 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

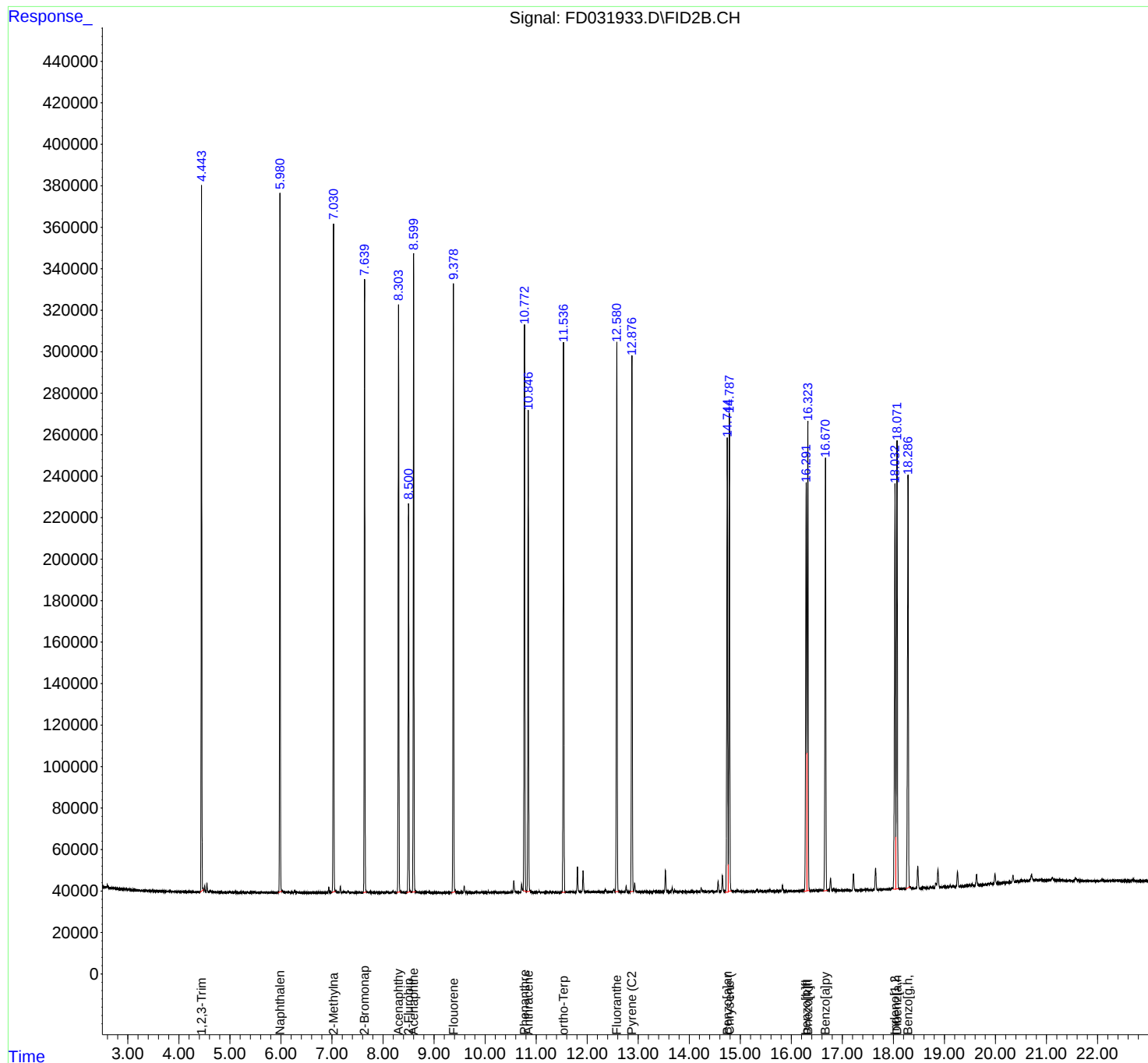
Instrument :
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20 PPM AROMATIC HC STD

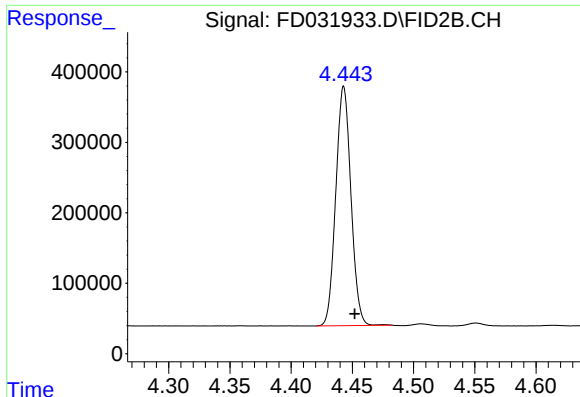
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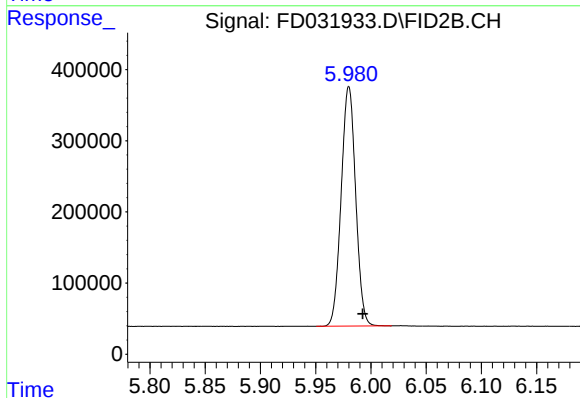
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.443 min
Delta R.T.: -0.009 min
Response: 2921740
Conc: 23.12 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

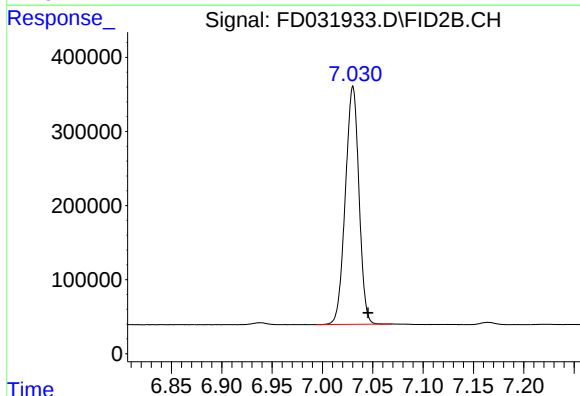
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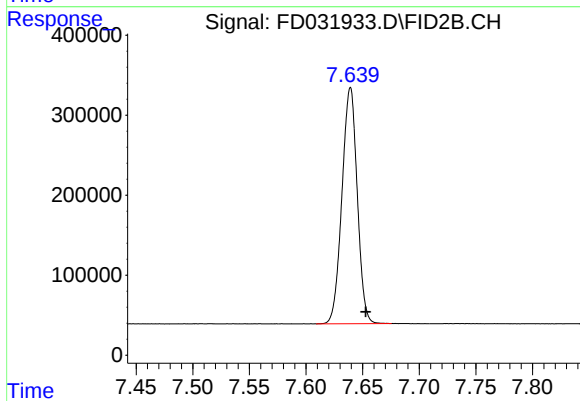
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.012 min
Response: 3076550
Conc: 22.82 ug/ml



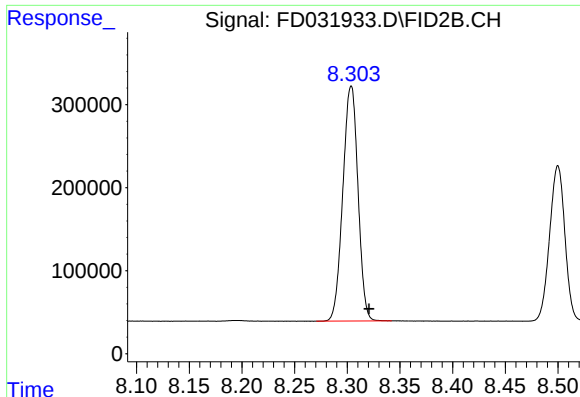
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.015 min
Response: 3032750
Conc: 22.54 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.639 min
Delta R.T.: -0.014 min
Response: 2771734
Conc: 22.41 ug/ml



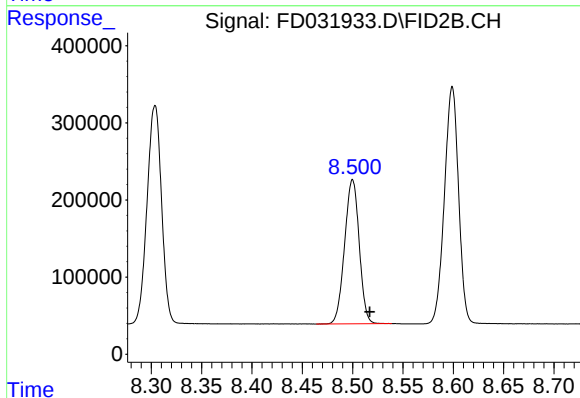
#5 Acenaphthylene (C15.06)

R.T.: 8.304 min
Delta R.T.: -0.017 min
Response: 2834745
Conc: 21.75 ug/ml

Instrument :
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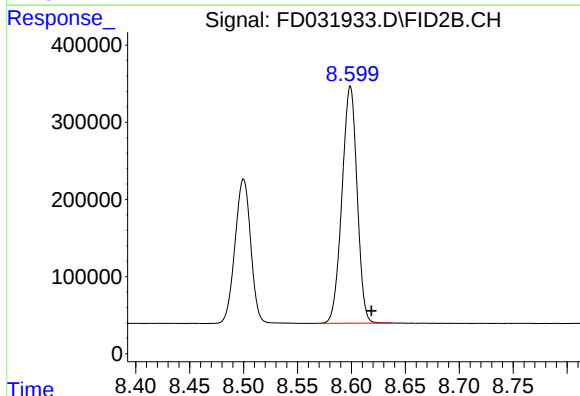
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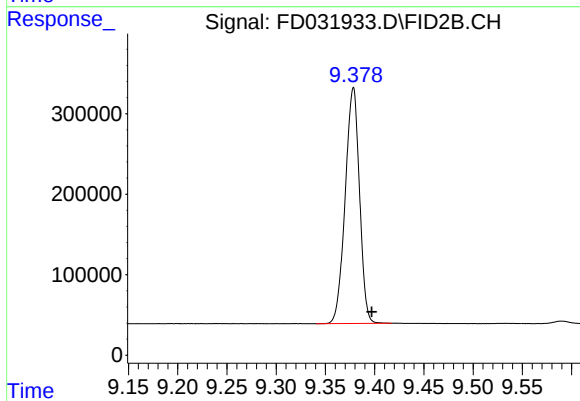
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: -0.017 min
Response: 1886566
Conc: 22.12 ug/ml



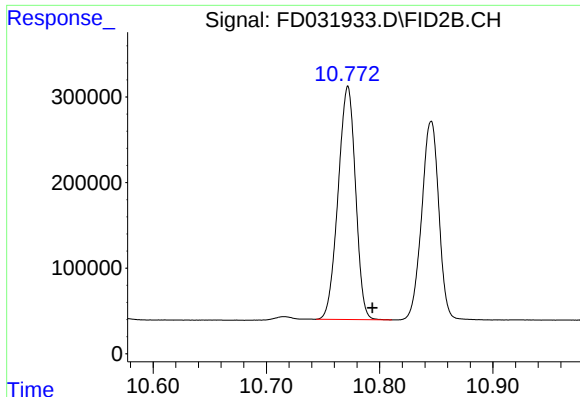
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: -0.020 min
Response: 3001856
Conc: 22.21 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.378 min
Delta R.T.: -0.019 min
Response: 2959567
Conc: 22.00 ug/ml



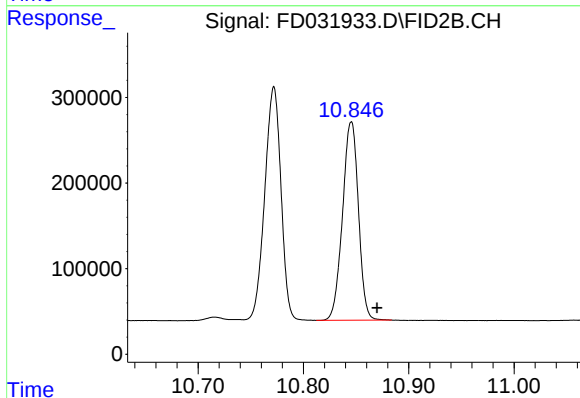
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.022 min
Response: 2908514
Conc: 21.56 ug/ml

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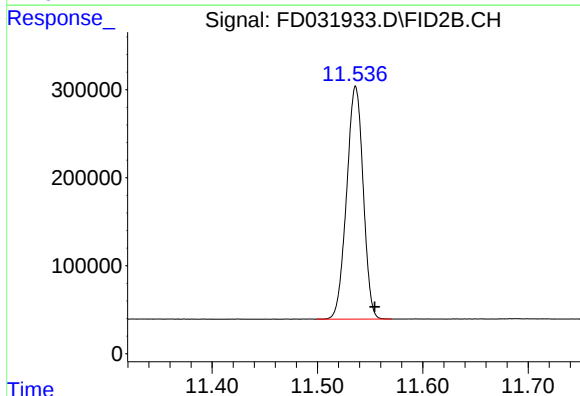
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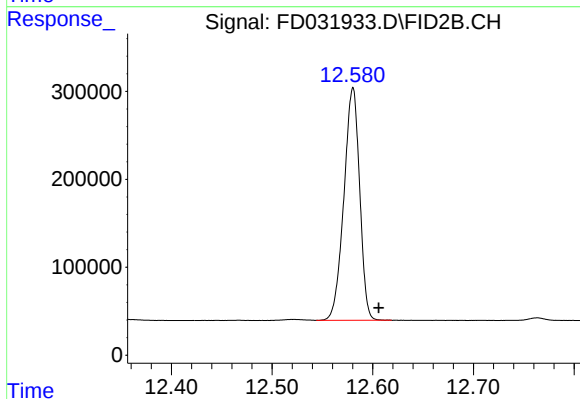
#10 Anthracene (C19.43)

R.T.: 10.845 min
Delta R.T.: -0.024 min
Response: 2433528
Conc: 18.24 ug/ml



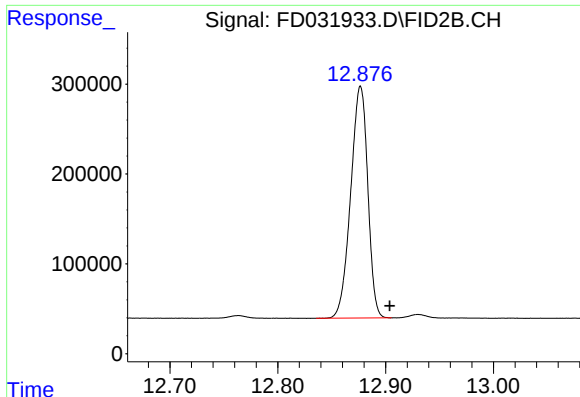
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.018 min
Response: 2894196
Conc: 21.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.026 min
Response: 2879938
Conc: 21.29 ug/ml



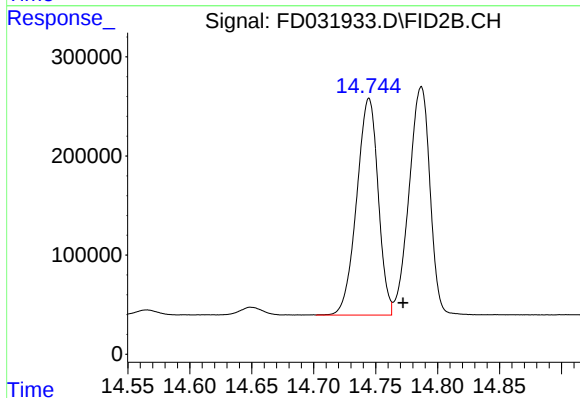
#13 Pyrene (C20.8)

R.T.: 12.877 min
Delta R.T.: -0.027 min
Response: 2837451
Conc: 21.17 ug/ml

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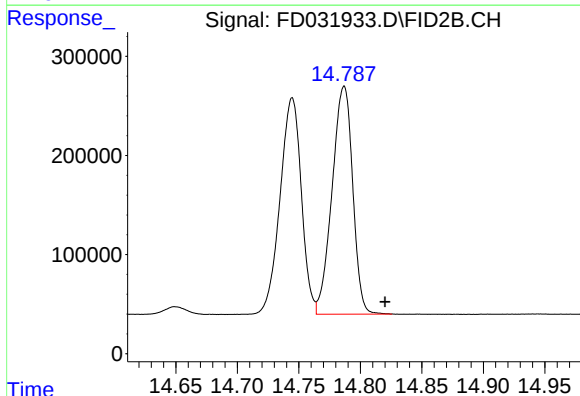
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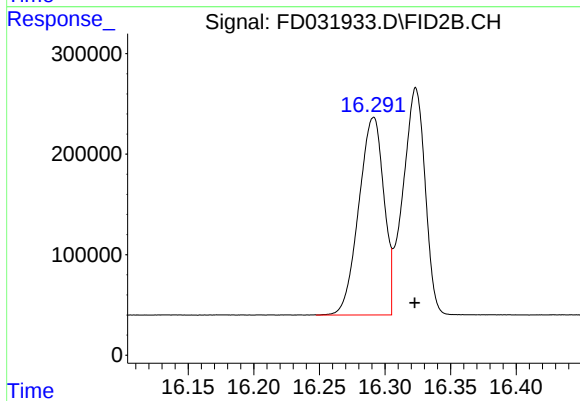
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.028 min
Response: 2639721
Conc: 20.72 ug/ml m



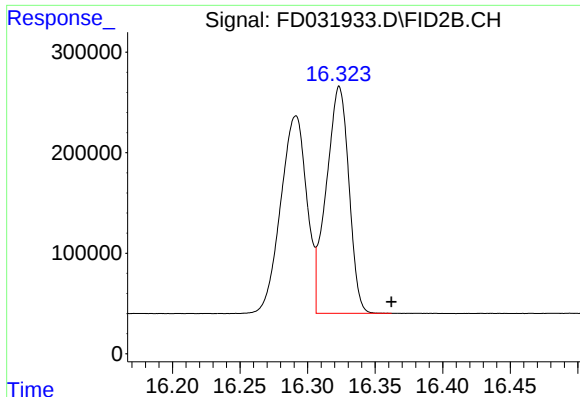
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.033 min
Response: 2684783
Conc: 21.04 ug/ml



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

R.T.: 16.291 min
Delta R.T.: -0.031 min
Response: 2614149
Conc: 21.22 ug/ml m



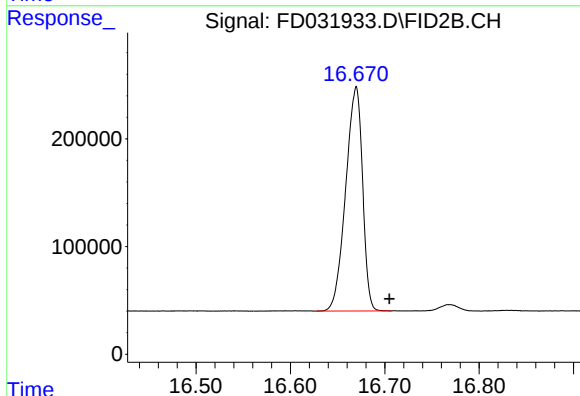
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.323 min
Delta R.T.: -0.038 min
Response: 2631777
Conc: 21.65 ug/ml

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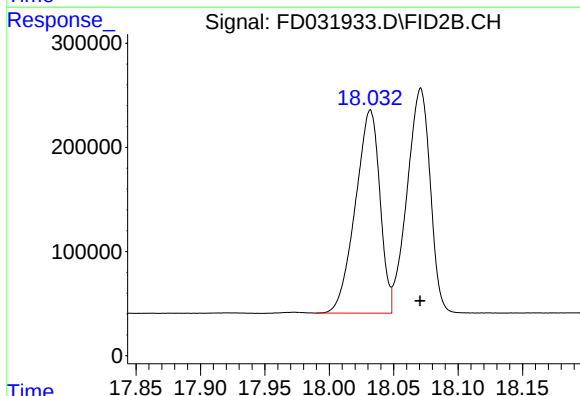
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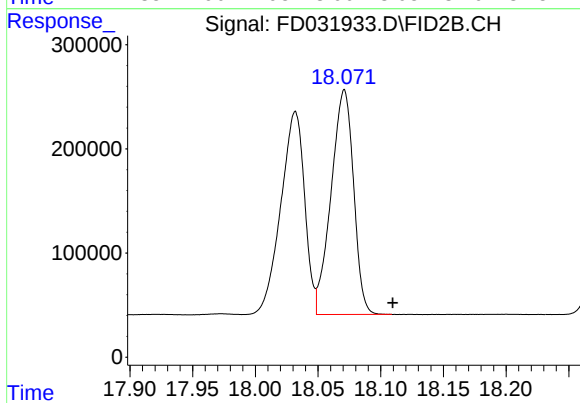
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min
Delta R.T.: -0.035 min
Response: 2583771
Conc: 21.56 ug/ml



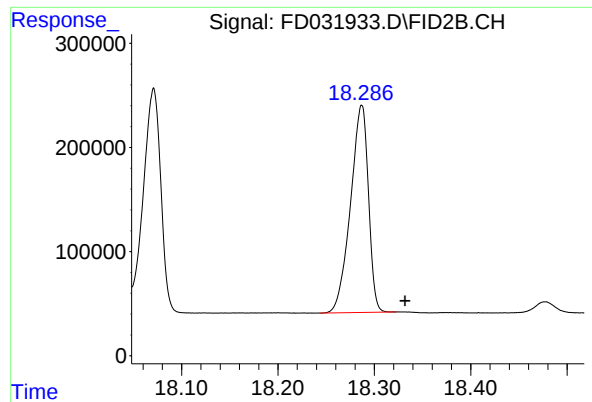
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: -0.039 min
Response: 2581610
Conc: 22.46 ug/ml m



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

R.T.: 18.071 min
Delta R.T.: -0.038 min
Response: 2690904
Conc: 23.84 ug/ml



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

R.T.: 18.287 min
Delta R.T.: -0.045 min
Response: 2562583
Conc: 22.61 ug/ml

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