

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043035.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jun 2022 13:50
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 24 16:16:25 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...	7.641	2927148	19.155 ug/mlm
Spiked Amount 50.000		Recovery =	38.31%
6) S 2-Fluorobiphenyl (SURR)	8.506	1851929	18.007 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.01%
11) S ortho-Terphenyl (SURR)	11.552	3211468	18.090 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	3379457	20.185 ug/mlm
2) T Naphthalene (C11.7)	5.978	3423445	19.801 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	3092455	19.392 ug/ml
5) T Acenaphthylene (C15.06)	8.309	3170467	18.350 ug/mlm
7) T Acenaphthene (C15.5)	8.606	3083397	17.920 ug/ml
8) T Flouorene (C16.55)	9.387	3110847	18.530 ug/ml
9) T Phenanthrene (C19.36)	10.785	2905091	17.666 ug/ml
10) T Anthracene (C19.43)	10.860	2703286	17.687 ug/ml
12) T Fluoranthene (C21.85)	12.600	2750237	17.457 ug/ml
13) T Pyrene (C20.8)	12.898	2659182	17.080 ug/ml
14) T Benzo[a]anthracene (C...	14.773	2658159	19.936 ug/ml
15) T Chrysene (C27.41)	14.815	2722744	20.608 ug/ml
16) T benzo[b]fluoranthene ...	16.327	2821641	21.181 ug/ml
17) T Bnezo[k]fluoranthene ...	16.359	2687034	21.695 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.706	2694236	21.768 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.073	2473423	22.191 ug/ml
20) T Dibenz[a,h]anthracene...	18.112	2695922	24.236 ug/ml
21) T Benzo[g,h,i]perylene ...	18.328	2626015	22.094 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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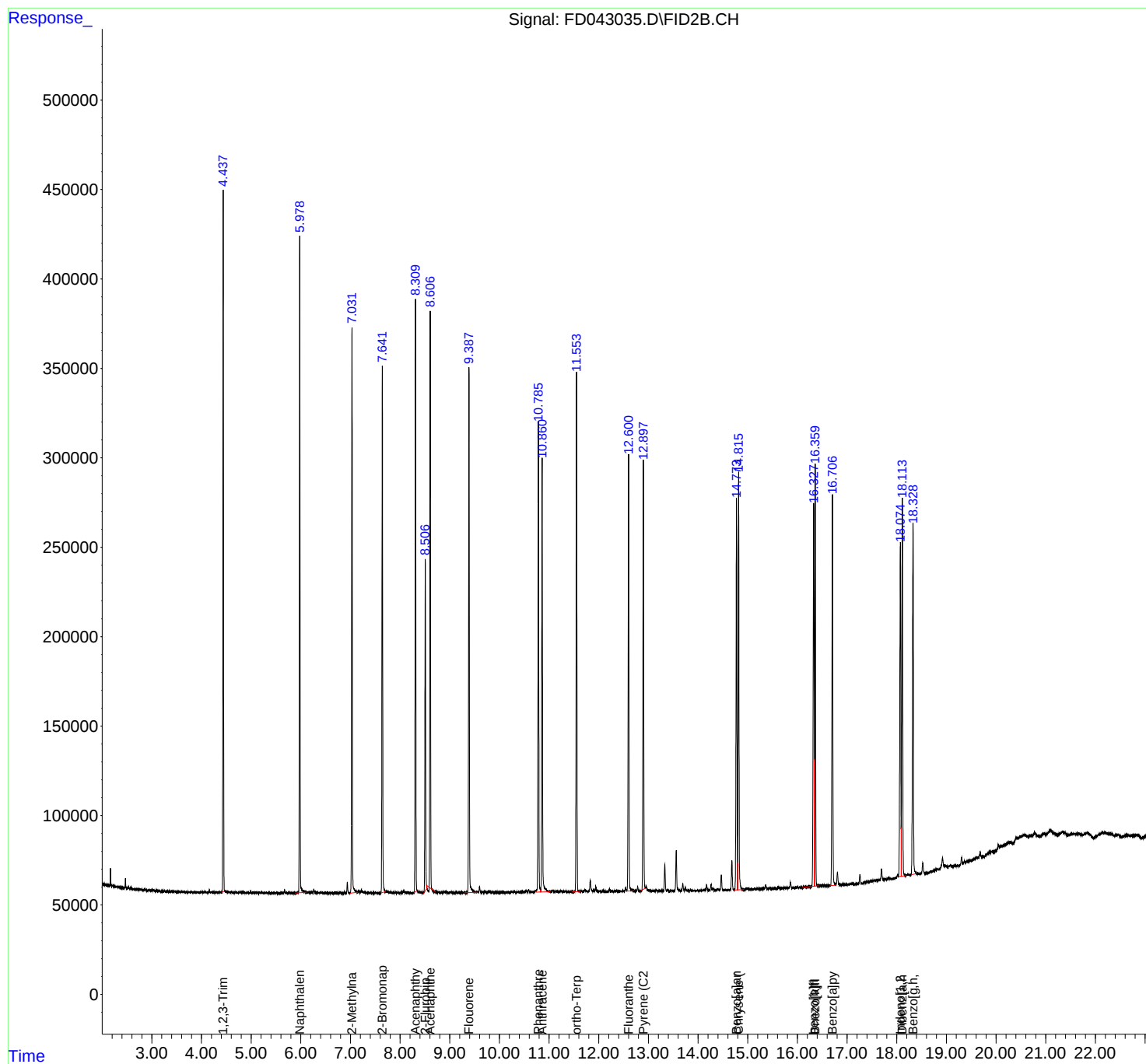
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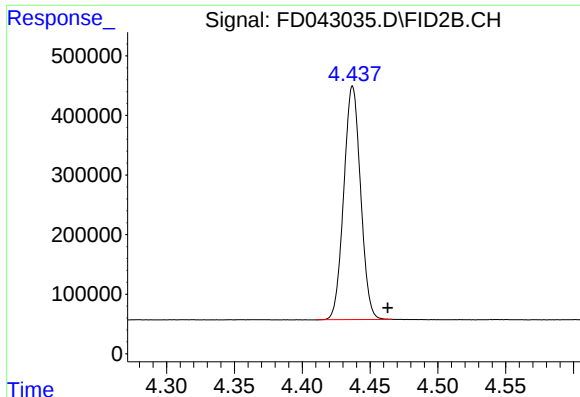
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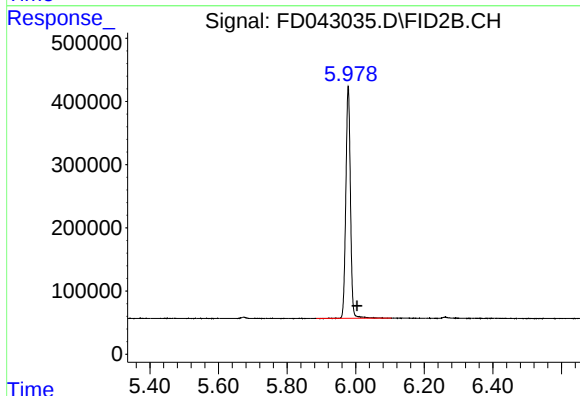
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.437 min
Delta R.T.: -0.026 min
Response: 3379457
Conc: 20.18 ug/ml

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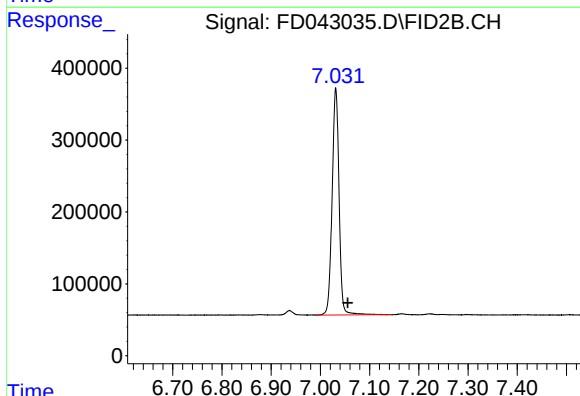
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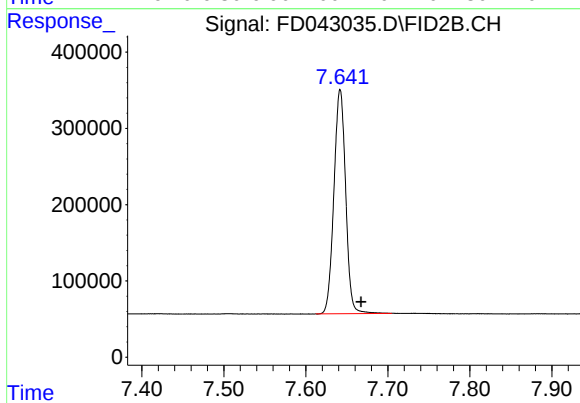
#2 Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.026 min
Response: 3423445
Conc: 19.80 ug/ml



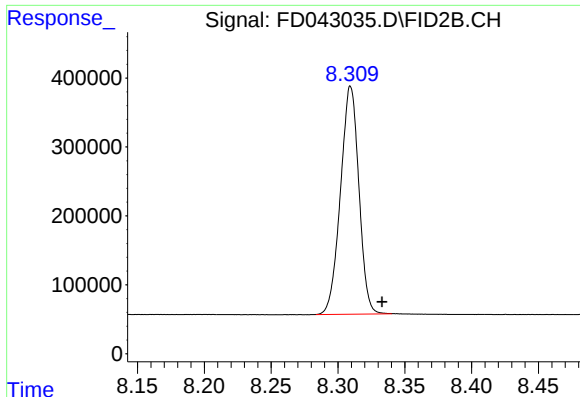
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.024 min
Response: 3092455
Conc: 19.39 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.641 min
Delta R.T.: -0.026 min
Response: 2927148
Conc: 19.16 ug/ml m



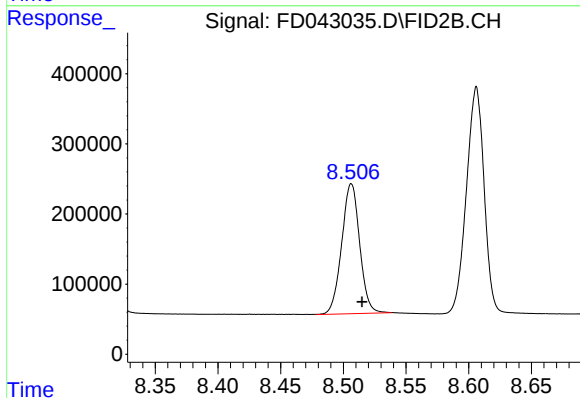
#5 Acenaphthylene (C15.06)

R.T.: 8.309 min
Delta R.T.: -0.024 min
Response: 3170467
Conc: 18.35 ug/ml

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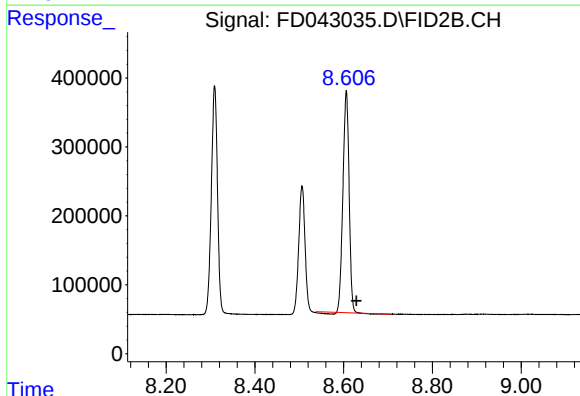
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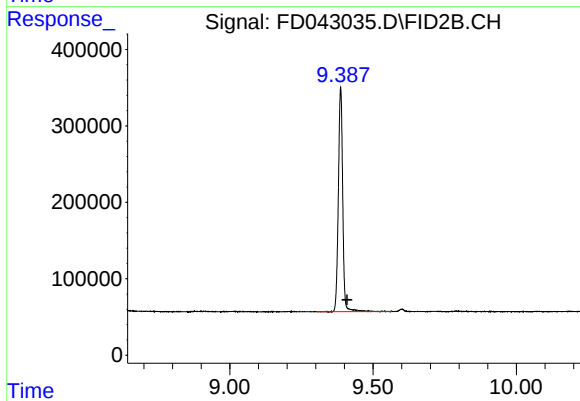
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.506 min
Delta R.T.: -0.009 min
Response: 1851929
Conc: 18.01 ug/ml m



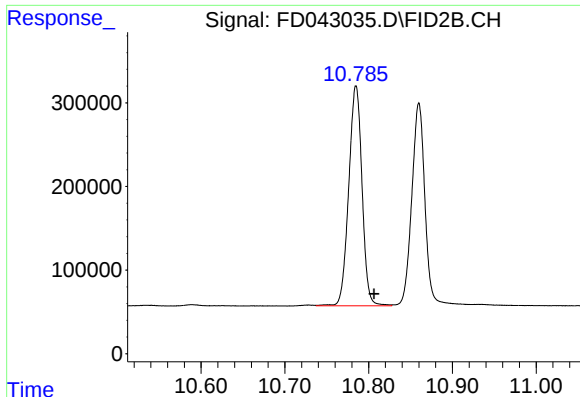
#7 Acenaphthene (C15.5)

R.T.: 8.606 min
Delta R.T.: -0.023 min
Response: 3083397
Conc: 17.92 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.387 min
Delta R.T.: -0.023 min
Response: 3110847
Conc: 18.53 ug/ml



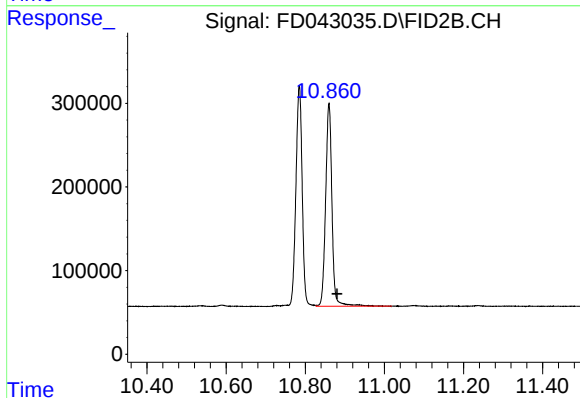
#9 Phenanthrene (C19.36)

R.T.: 10.785 min
Delta R.T.: -0.022 min
Response: 2905091
Conc: 17.67 ug/ml

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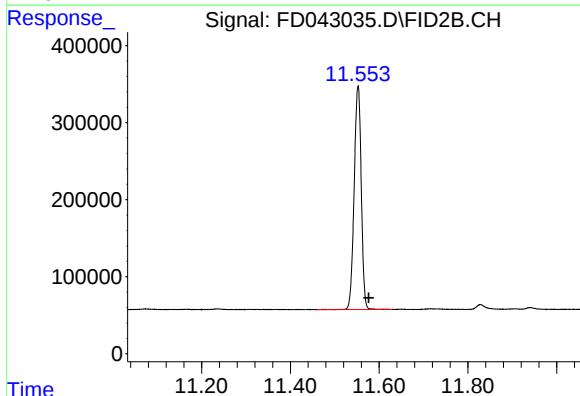
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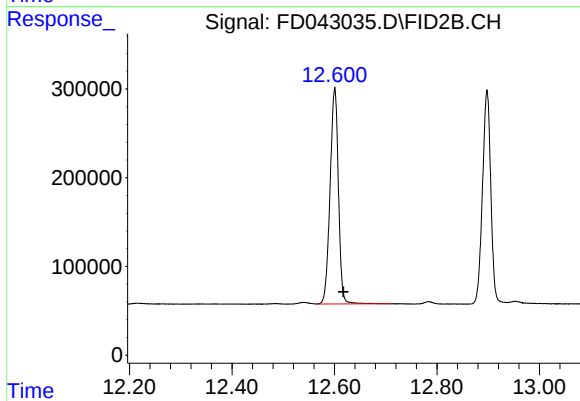
#10 Anthracene (C19.43)

R.T.: 10.860 min
Delta R.T.: -0.020 min
Response: 2703286
Conc: 17.69 ug/ml



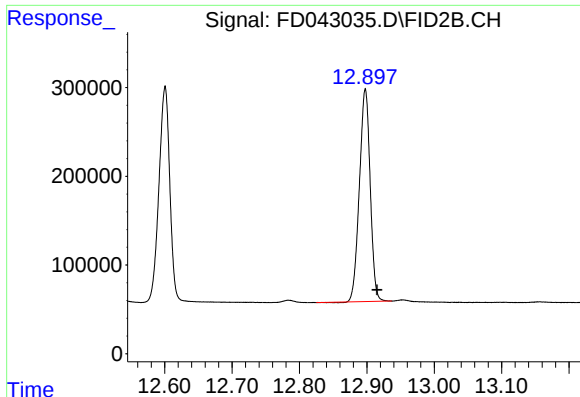
#11 ortho-Terphenyl (SURR)

R.T.: 11.552 min
Delta R.T.: -0.024 min
Response: 3211468
Conc: 18.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.600 min
Delta R.T.: -0.017 min
Response: 2750237
Conc: 17.46 ug/ml



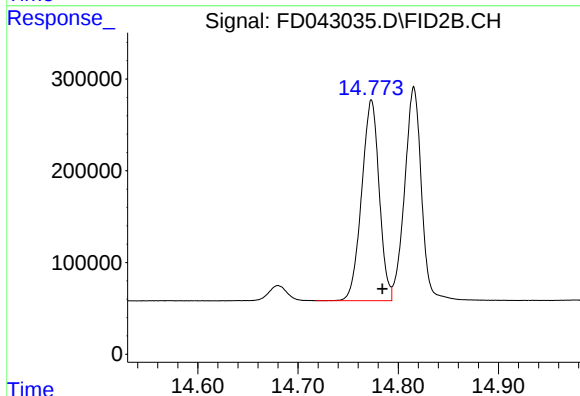
#13 Pyrene (C20.8)

R.T.: 12.898 min
Delta R.T.: -0.017 min
Response: 2659182
Conc: 17.08 ug/ml

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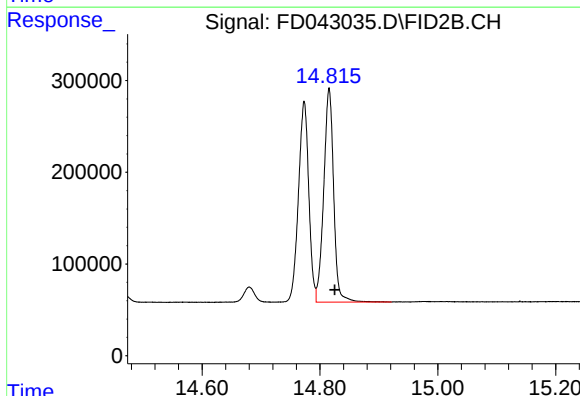
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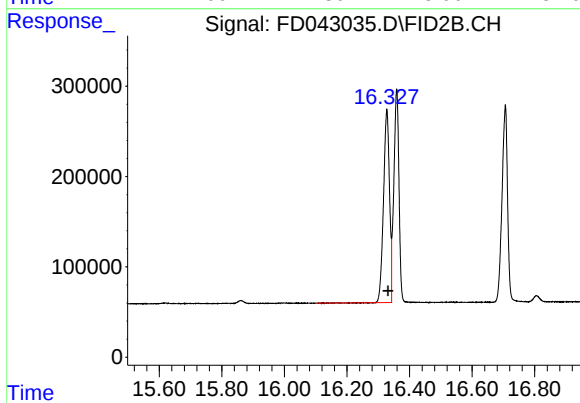
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.773 min
Delta R.T.: -0.011 min
Response: 2658159
Conc: 19.94 ug/ml



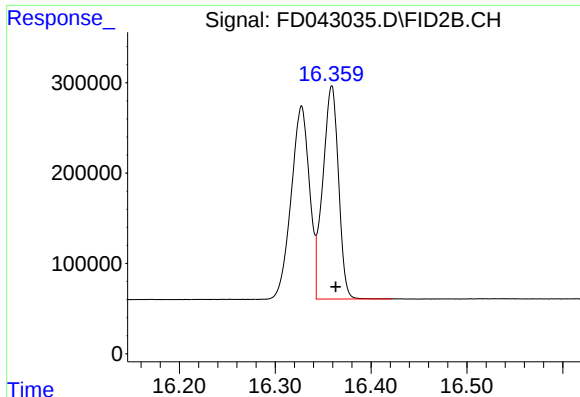
#15 Chrysene (C27.41)

R.T.: 14.815 min
Delta R.T.: -0.010 min
Response: 2722744
Conc: 20.61 ug/ml



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

R.T.: 16.327 min
Delta R.T.: -0.004 min
Response: 2821641
Conc: 21.18 ug/ml



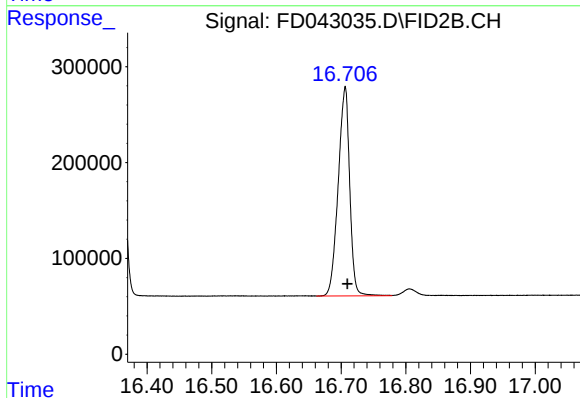
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.359 min
Delta R.T.: -0.004 min
Response: 2687034
Conc: 21.69 ug/ml

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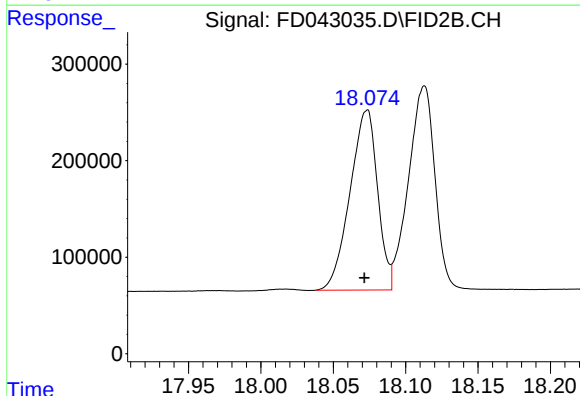
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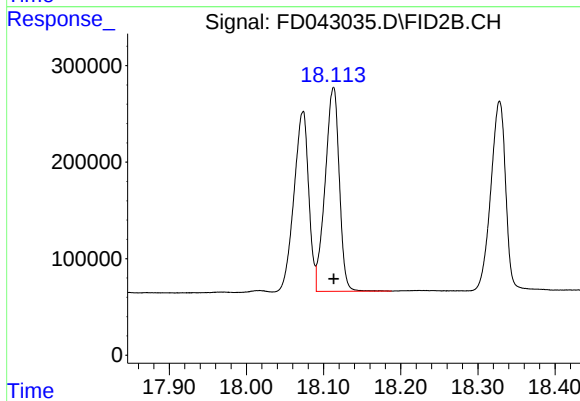
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.706 min
Delta R.T.: -0.004 min
Response: 2694236
Conc: 21.77 ug/ml



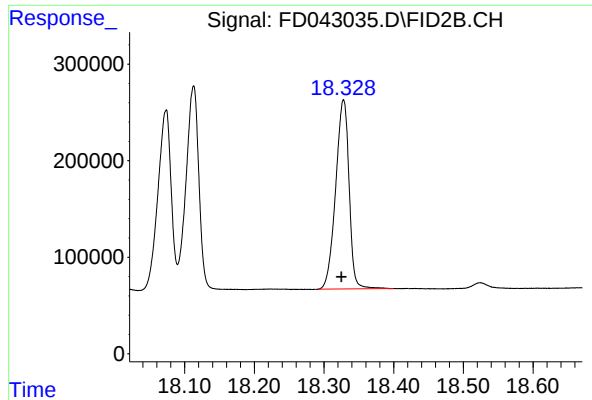
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.073 min
Delta R.T.: 0.001 min
Response: 2473423
Conc: 22.19 ug/ml



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

R.T.: 18.112 min
Delta R.T.: 0.000 min
Response: 2695922
Conc: 24.24 ug/ml



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

R.T.: 18.328 min
Delta R.T.: 0.003 min
Response: 2626015
Conc: 22.09 ug/ml

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