

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062022AR\
 Data File : FD042968.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jun 2022 12:35
 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 06/21/2022
 Supervised By :Ankita Jodhani 06/22/2022

Integration File: autoint1.e
 Quant Time: Jun 21 01:27:24 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...	7.658	2880364	18.849 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
6) S 2-Fluorobiphenyl (SURR)	8.526	1875831	18.239 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.48%
11) S ortho-Terphenyl (SURR)	11.573	3120296	17.577 ug/ml
Spiked Amount 50.000		Recovery =	35.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.447	3270037	19.531 ug/ml
2) T Naphthalene (C11.7)	5.992	3334366	19.286 ug/ml
3) T 2-Methylnaphthalene (...)	7.048	3030896	19.006 ug/ml
5) T Acenaphthylene (C15.06)	8.328	3135428	18.148 ug/ml
7) T Acenaphthene (C15.5)	8.625	3137830	18.236 ug/ml
8) T Flouorene (C16.55)	9.408	3039031	18.102 ug/ml
9) T Phenanthrene (C19.36)	10.810	2830652	17.214 ug/ml
10) T Anthracene (C19.43)	10.884	2582354	16.896 ug/ml
12) T Fluoranthene (C21.85)	12.627	2662922	16.902 ug/ml
13) T Pyrene (C20.8)	12.926	2605548	16.736 ug/ml
14) T Benzo[a]anthracene (C...	14.803	2569260	19.269 ug/ml
15) T Chrysene (C27.41)	14.845	2565345	19.417 ug/ml
16) T benzo[b]fluoranthene ...	16.359	2749379	20.639 ug/ml
17) T Bnezo[k]fluoranthene ...	16.392	2548765	20.578 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.739	2568978	20.756 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.110	2410885	21.630 ug/ml
20) T Dibenz[a,h]anthracene...	18.146	2686800	24.154 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.365	2534373	21.323 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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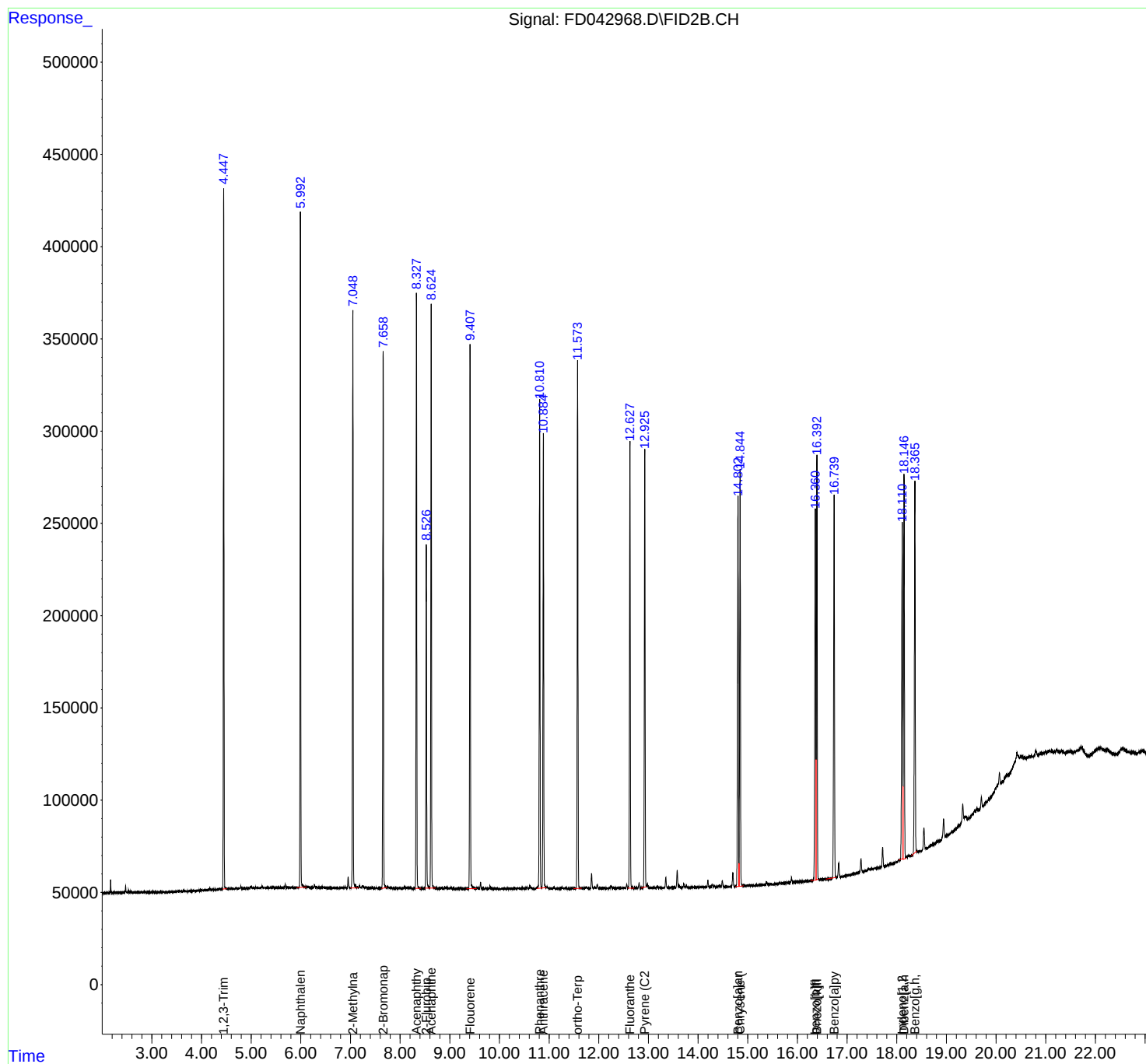
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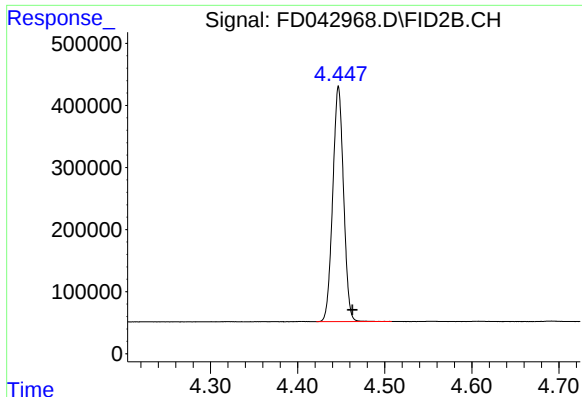
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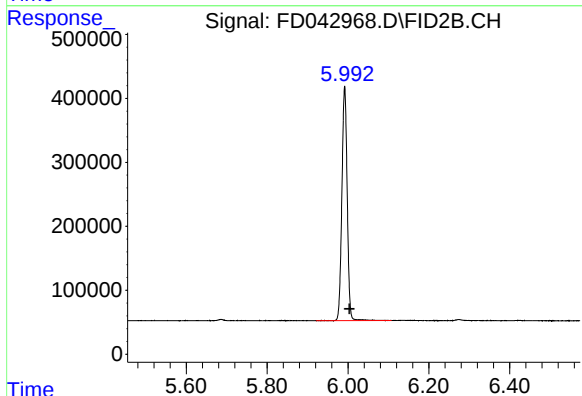
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.447 min
Delta R.T.: -0.016 min
Response: 3270037
Conc: 19.53 ug/ml

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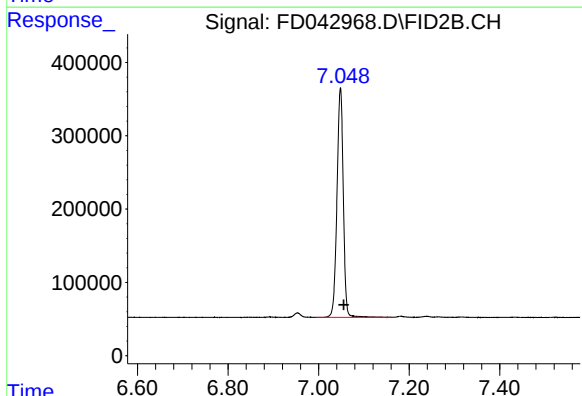
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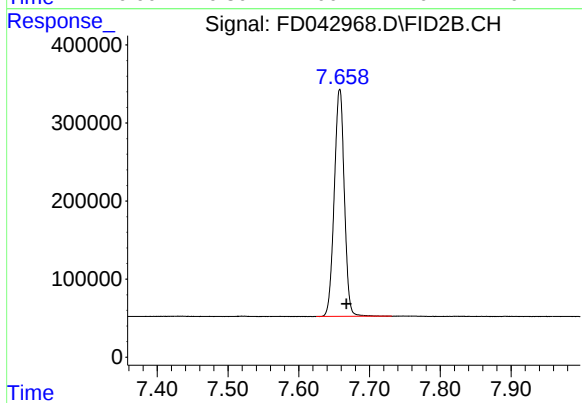
#2 Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: -0.012 min
Response: 3334366
Conc: 19.29 ug/ml



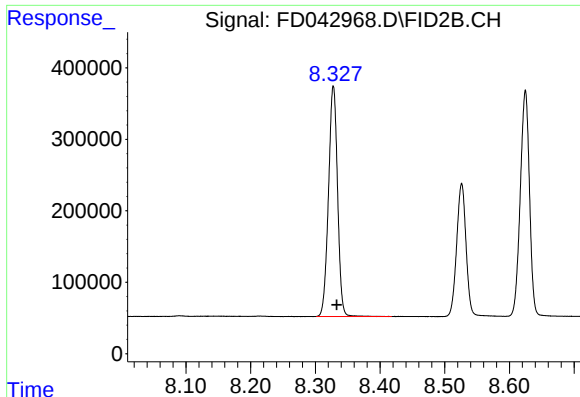
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.048 min
Delta R.T.: -0.008 min
Response: 3030896
Conc: 19.01 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.658 min
Delta R.T.: -0.010 min
Response: 2880364
Conc: 18.85 ug/ml



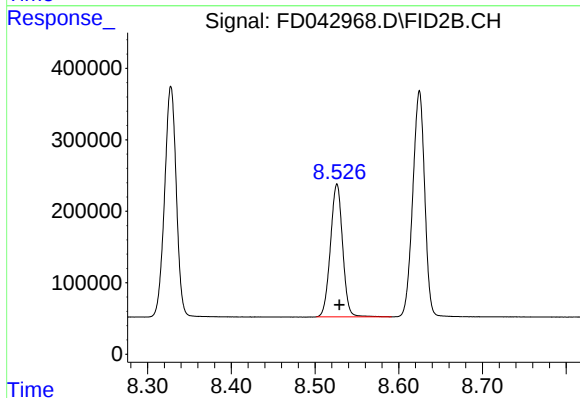
#5 Acenaphthylene (C15.06)

R.T.: 8.328 min
Delta R.T.: -0.005 min
Response: 3135428
Conc: 18.15 ug/ml

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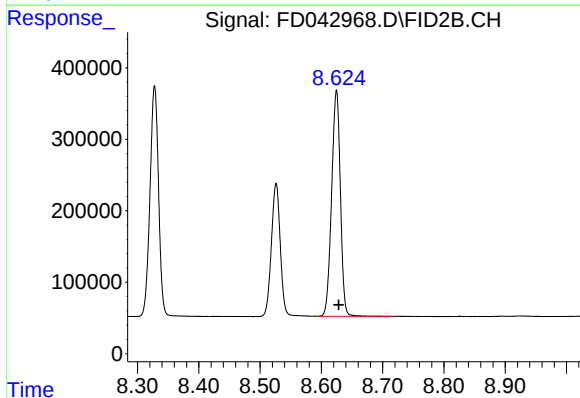
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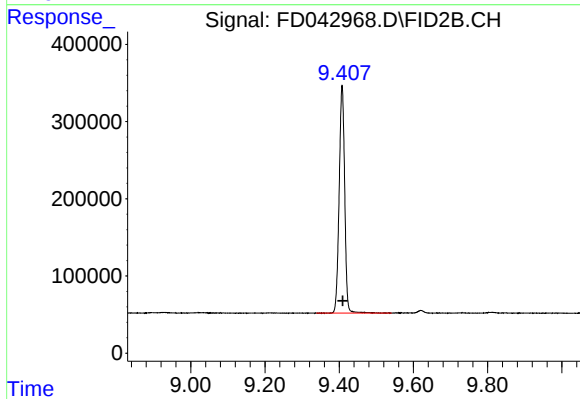
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.526 min
Delta R.T.: -0.003 min
Response: 1875831
Conc: 18.24 ug/ml



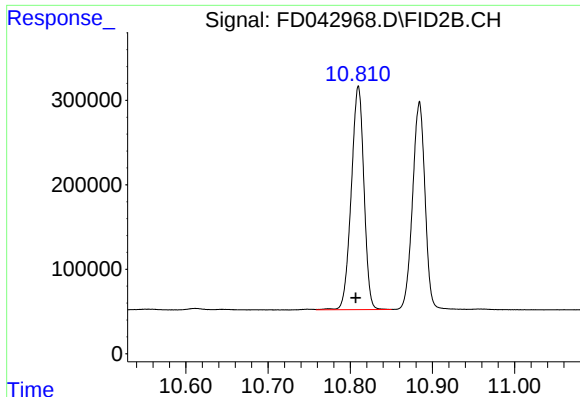
#7 Acenaphthene (C15.5)

R.T.: 8.625 min
Delta R.T.: -0.004 min
Response: 3137830
Conc: 18.24 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.408 min
Delta R.T.: -0.002 min
Response: 3039031
Conc: 18.10 ug/ml



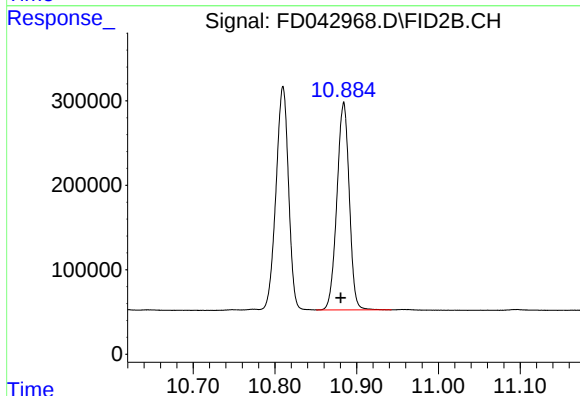
#9 Phenanthrene (C19.36)

R.T.: 10.810 min
Delta R.T.: 0.003 min
Response: 2830652
Conc: 17.21 ug/ml

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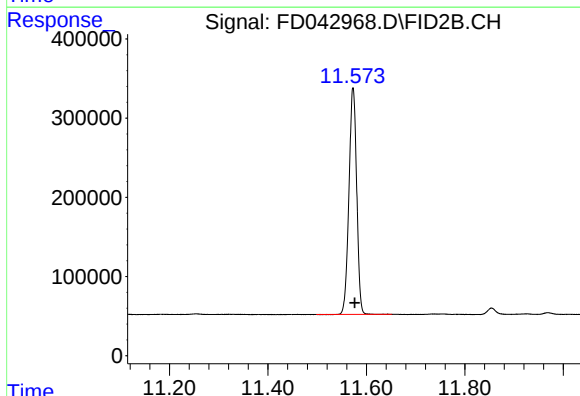
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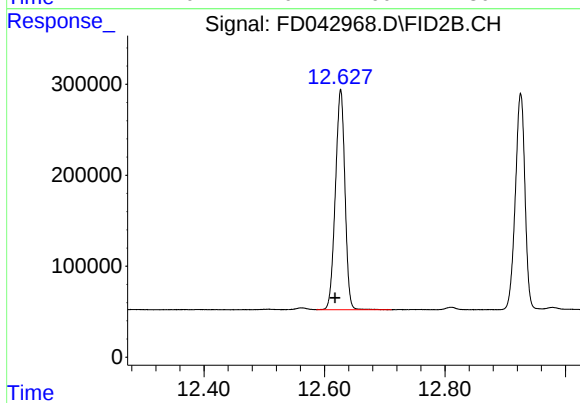
#10 Anthracene (C19.43)

R.T.: 10.884 min
Delta R.T.: 0.004 min
Response: 2582354
Conc: 16.90 ug/ml



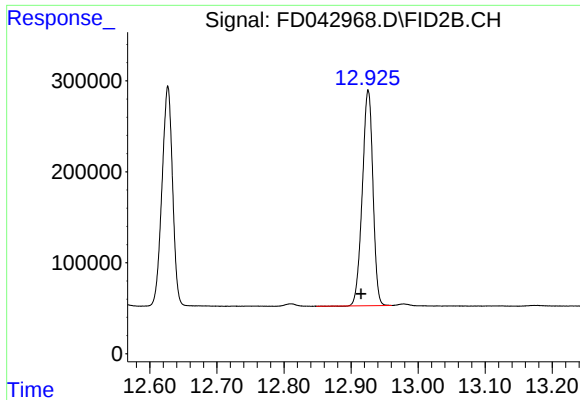
#11 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: -0.003 min
Response: 3120296
Conc: 17.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.627 min
Delta R.T.: 0.009 min
Response: 2662922
Conc: 16.90 ug/ml



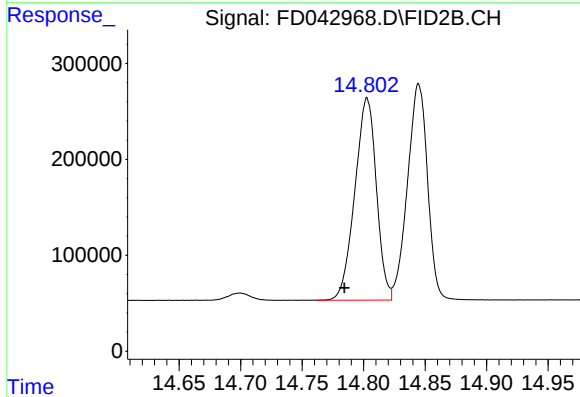
#13 Pyrene (C20.8)

R.T.: 12.926 min
Delta R.T.: 0.011 min
Response: 2605548
Conc: 16.74 ug/ml

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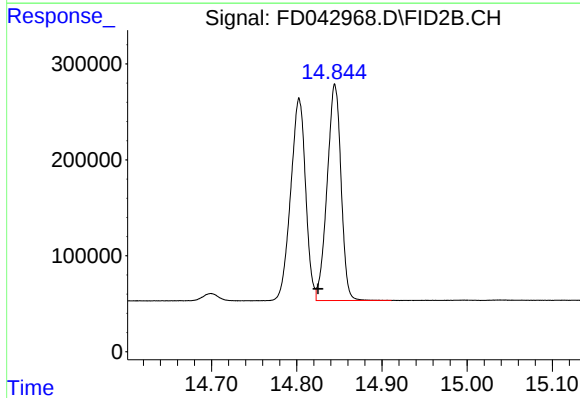
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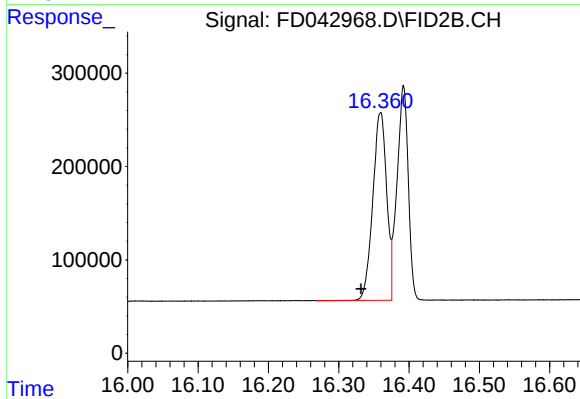
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.803 min
Delta R.T.: 0.018 min
Response: 2569260
Conc: 19.27 ug/ml



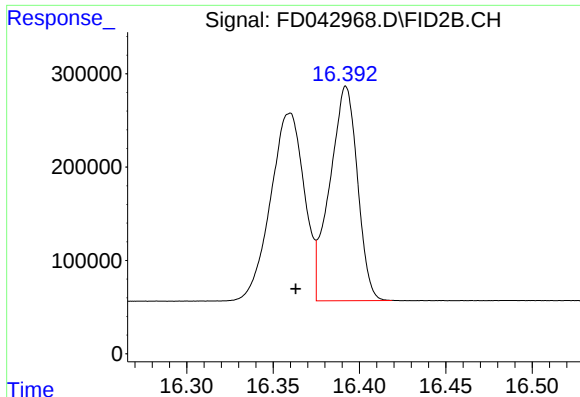
#15 Chrysene (C27.41)

R.T.: 14.845 min
Delta R.T.: 0.020 min
Response: 2565345
Conc: 19.42 ug/ml



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

R.T.: 16.359 min
Delta R.T.: 0.028 min
Response: 2749379
Conc: 20.64 ug/ml



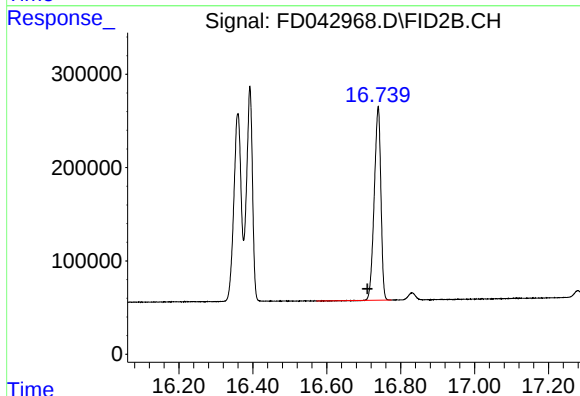
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.392 min
Delta R.T.: 0.028 min
Response: 2548765
Conc: 20.58 ug/ml

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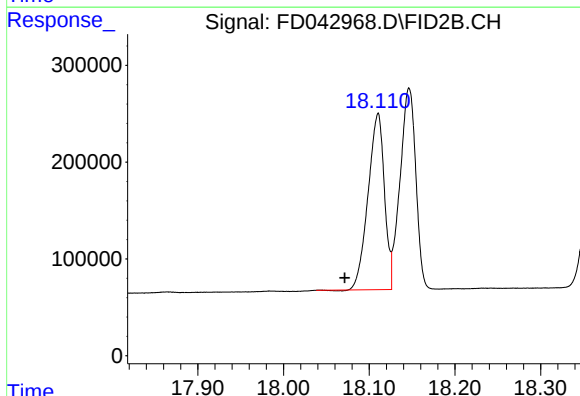
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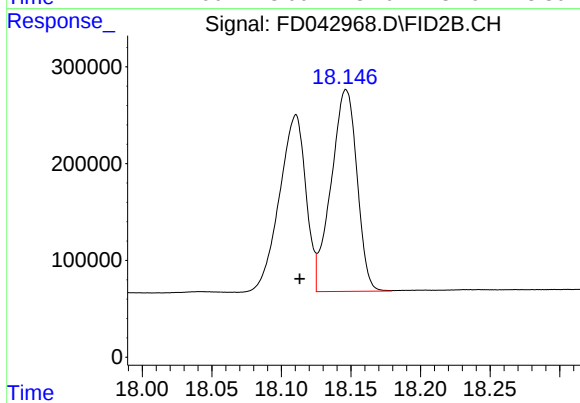
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.739 min
Delta R.T.: 0.029 min
Response: 2568978
Conc: 20.76 ug/ml



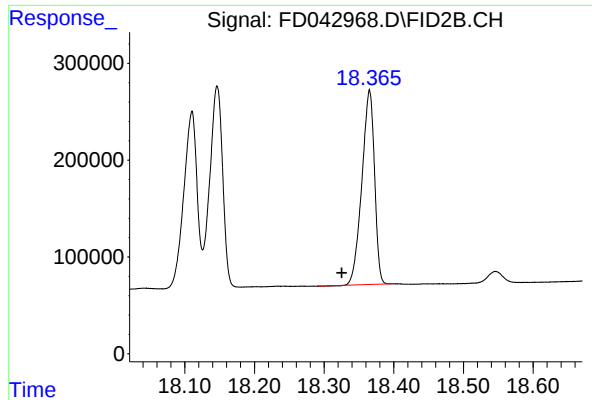
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.110 min
Delta R.T.: 0.038 min
Response: 2410885
Conc: 21.63 ug/ml



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

R.T.: 18.146 min
Delta R.T.: 0.033 min
Response: 2686800
Conc: 24.15 ug/ml m



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

R.T.: 18.365 min
Delta R.T.: 0.040 min
Response: 2534373
Conc: 21.32 ug/ml

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