

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082123AR\
 Data File : FD046354.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2023 10:49
 Operator : YP/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

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e
 Quant Time: Aug 21 15:40:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:27:51 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.499	3174134	20.395 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
6) S 2-Fluorobiphenyl (SURR)	8.353	2082335	20.346 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.69%
11) S ortho-Terphenyl (SURR)	11.390	3930495	20.489 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	3625779	20.390 ug/ml
2) T Naphthalene (C11.7)	5.839	3754652	20.372 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	3736993	20.539 ug/ml
5) T Acenaphthylene (C15.06)	8.157	3376176	20.367 ug/ml
7) T Acenaphthene (C15.5)	8.452	3626806	20.418 ug/ml
8) T Fluorene (C16.55)	9.229	3491566	20.479 ug/ml
9) T Phenanthrene (C19.36)	10.619	3441147	20.461 ug/ml
10) T Anthracene (C19.43)	10.693	2980031	20.023 ug/ml
12) T Fluoranthene (C21.85)	12.422	3336777	20.417 ug/ml
13) T Pyrene (C20.8)	12.716	3258073	20.394 ug/ml
14) T Benzo[a]anthracene (C...	14.580	2859599	20.193 ug/ml
15) T Chrysene (C27.41)	14.622	2952718	20.134 ug/ml
16) T benzo[b]fluoranthene ...	16.122	2742832	20.212 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.152	2662954	20.142 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	2534469	19.981 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	2440598	19.508 ug/mlm
20) T Dibenz[a,h]anthracene...	17.894	2454553	19.338 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	2523082	19.853 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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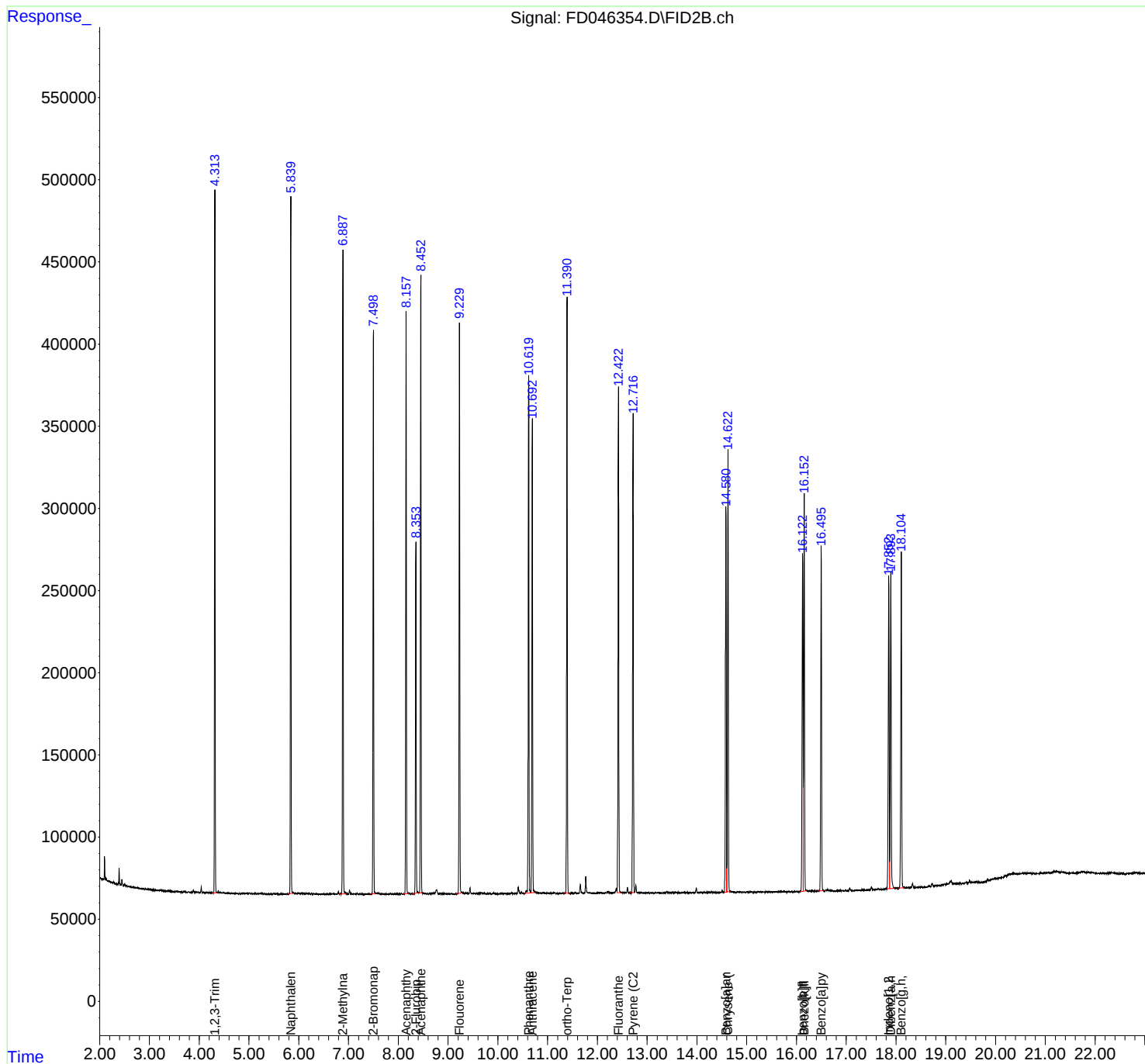
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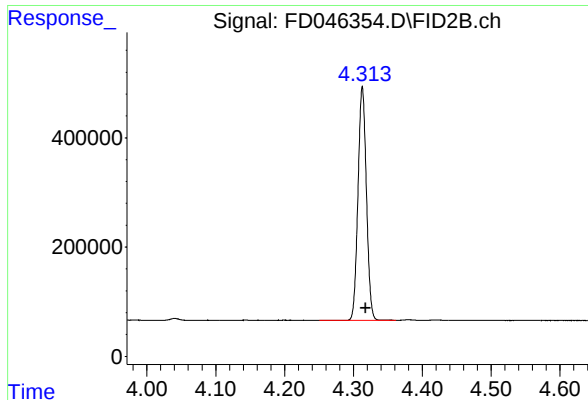
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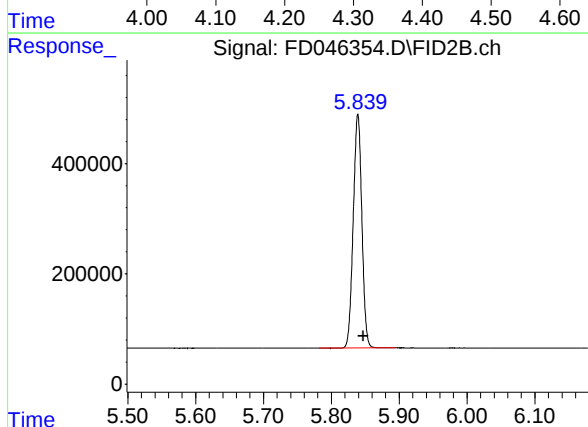
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.313 min
Delta R.T.: -0.005 min
Response: 3625779
Conc: 20.39 ug/ml

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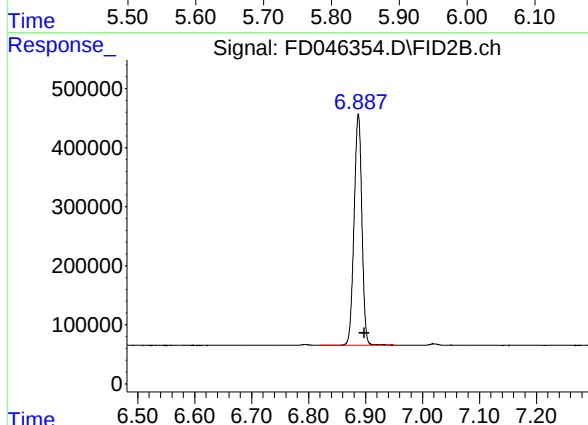
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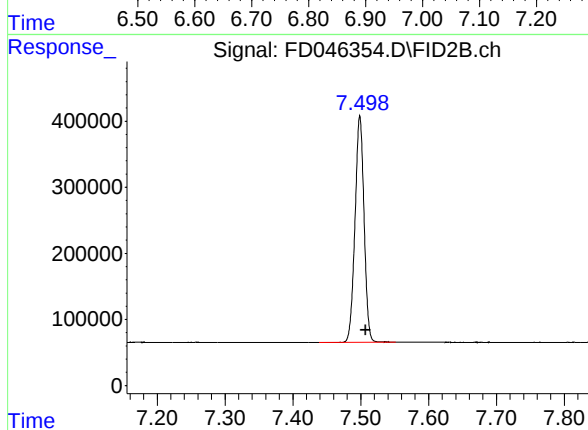
#2 Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 3754652
Conc: 20.37 ug/ml



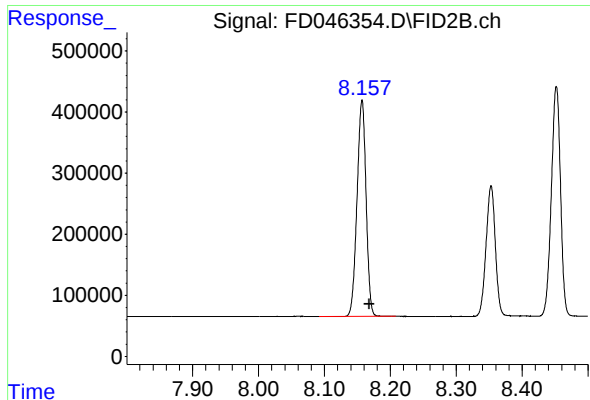
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.887 min
Delta R.T.: -0.010 min
Response: 3736993
Conc: 20.54 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.499 min
Delta R.T.: -0.009 min
Response: 3174134
Conc: 20.39 ug/ml



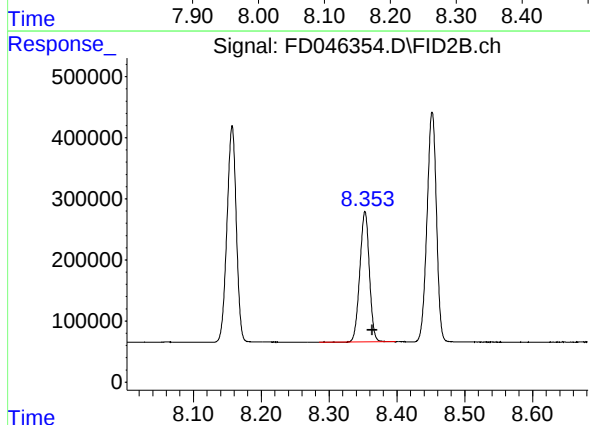
#5 Acenaphthylene (C15.06)

R.T.: 8.157 min
Delta R.T.: -0.011 min
Response: 3376176
Conc: 20.37 ug/ml

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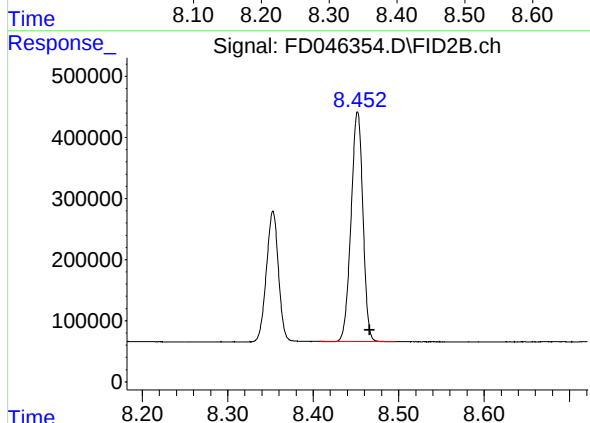
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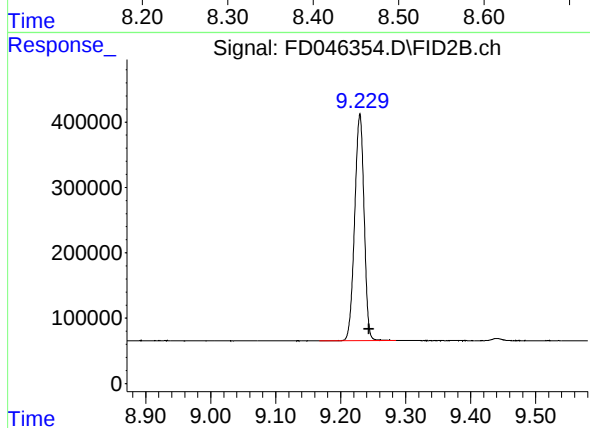
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.353 min
Delta R.T.: -0.011 min
Response: 2082335
Conc: 20.35 ug/ml



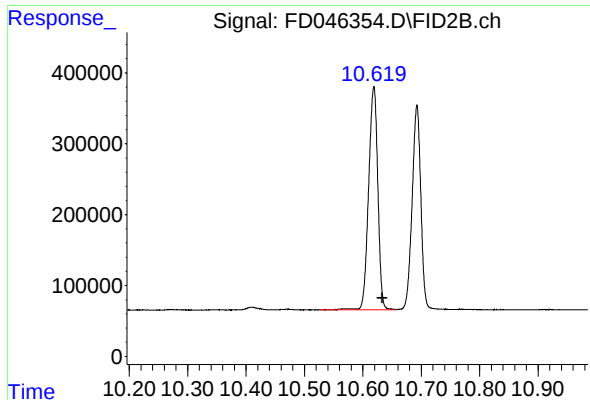
#7 Acenaphthene (C15.5)

R.T.: 8.452 min
Delta R.T.: -0.014 min
Response: 3626806
Conc: 20.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.229 min
Delta R.T.: -0.014 min
Response: 3491566
Conc: 20.48 ug/ml



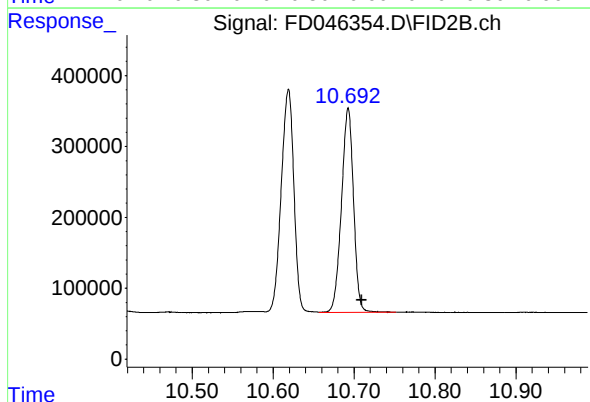
#9 Phenanthrene (C19.36)

R.T.: 10.619 min
Delta R.T.: -0.015 min
Response: 3441147
Conc: 20.46 ug/ml

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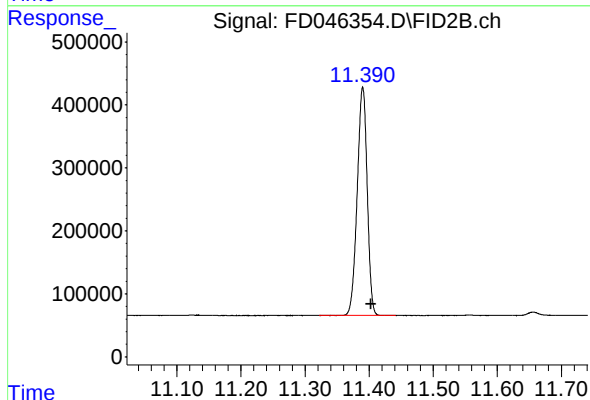
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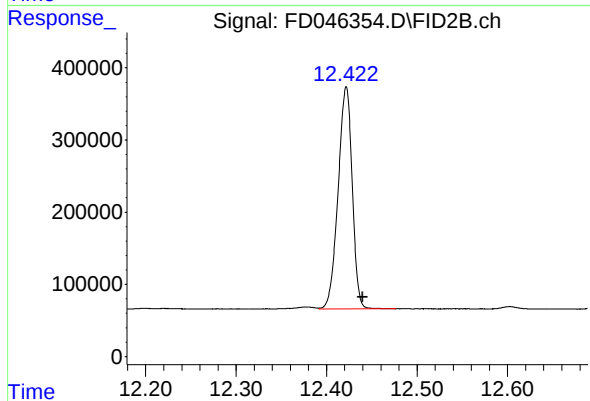
#10 Anthracene (C19.43)

R.T.: 10.693 min
Delta R.T.: -0.017 min
Response: 2980031
Conc: 20.02 ug/ml



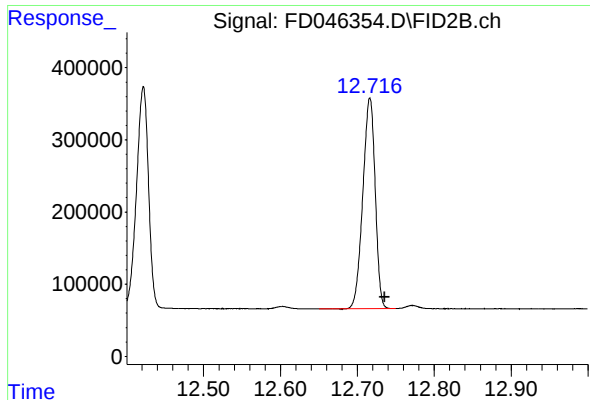
#11 ortho-Terphenyl (SURR)

R.T.: 11.390 min
Delta R.T.: -0.013 min
Response: 3930495
Conc: 20.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.422 min
Delta R.T.: -0.018 min
Response: 3336777
Conc: 20.42 ug/ml



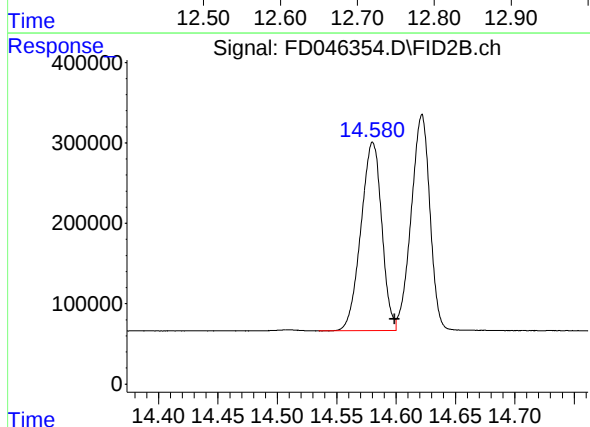
#13 Pyrene (C20.8)

R.T.: 12.716 min
Delta R.T.: -0.020 min
Response: 3258073
Conc: 20.39 ug/ml

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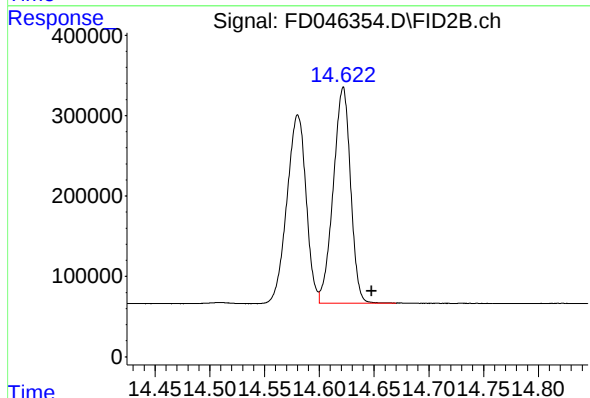
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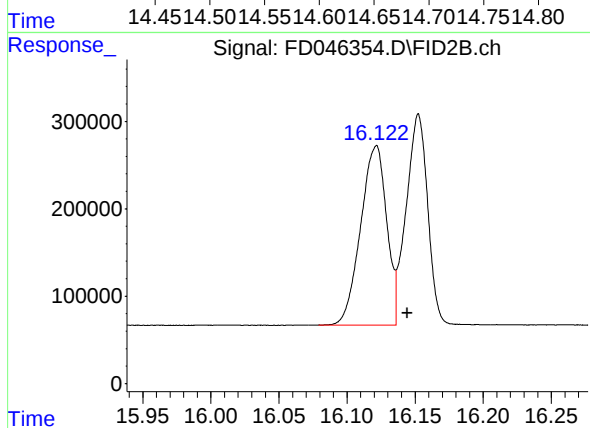
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.580 min
Delta R.T.: -0.019 min
Response: 2859599
Conc: 20.19 ug/ml



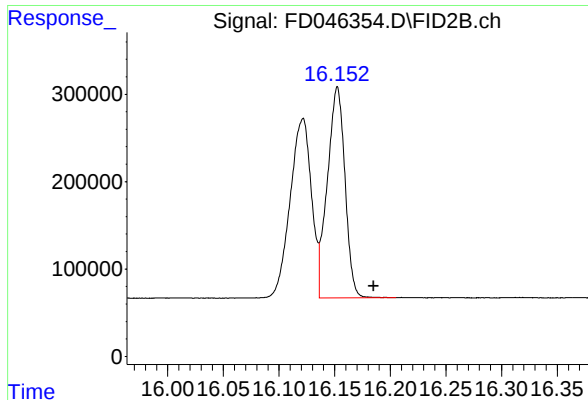
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: -0.026 min
Response: 2952718
Conc: 20.13 ug/ml



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

R.T.: 16.122 min
Delta R.T.: -0.023 min
Response: 2742832
Conc: 20.21 ug/ml m



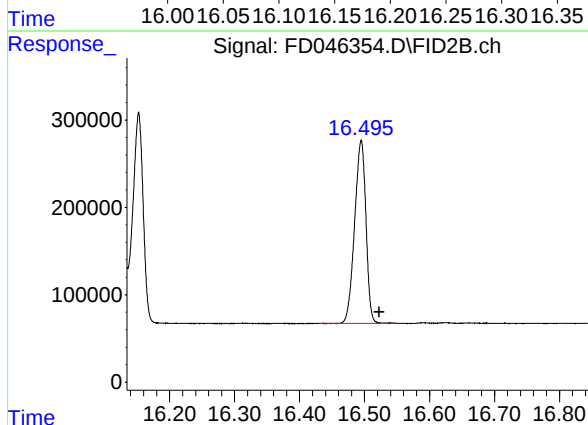
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.152 min
Delta R.T.: -0.033 min
Response: 2662954
Conc: 20.14 ug/ml

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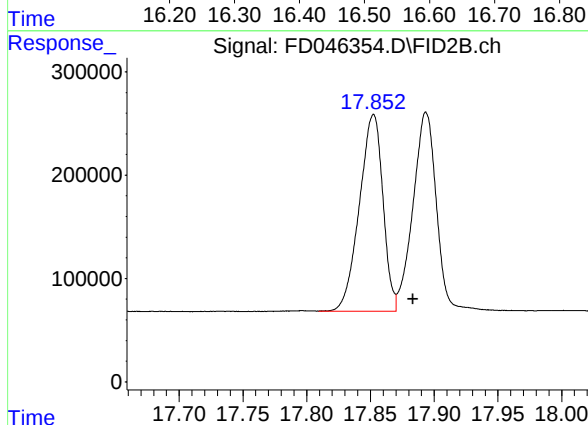
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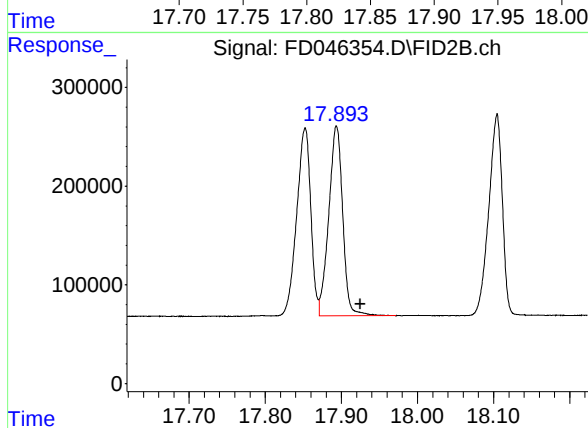
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: -0.028 min
Response: 2534469
Conc: 19.98 ug/ml



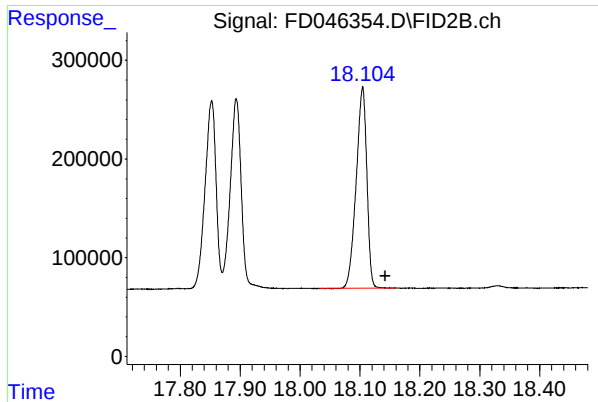
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.852 min
Delta R.T.: -0.031 min
Response: 2440598
Conc: 19.51 ug/ml m



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

R.T.: 17.894 min
Delta R.T.: -0.031 min
Response: 2454553
Conc: 19.34 ug/ml



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

R.T.: 18.104 min
Delta R.T.: -0.038 min
Response: 2523082
Conc: 19.85 ug/ml

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