

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
 Data File : FD048584.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 14:38
 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 10/25/2024
 Supervised By :Ankita Jodhani 10/25/2024

Integration File: autoint1.e
 Quant Time: Oct 25 01:33:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.373	3015852	19.870 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
6) S 2-Fluorobiphenyl (SURR)	8.223	1961846	19.980 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.96%
11) S ortho-Terphenyl (SURR)	11.257	3355635	19.700 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	3439779	19.772 ug/ml
2) T Naphthalene (C11.7)	5.713	3556267	19.930 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	3555988	19.881 ug/ml
5) T Acenaphthylene (C15.06)	8.025	3468413	19.753 ug/ml
7) T Acenaphthene (C15.5)	8.319	3496475	19.714 ug/ml
8) T Fluorene (C16.55)	9.098	3359712	19.876 ug/ml
9) T Phenanthrene (C19.36)	10.485	3268058	19.770 ug/ml
10) T Anthracene (C19.43)	10.560	3075816	19.235 ug/ml
12) T Fluoranthene (C21.85)	12.287	3241001	19.693 ug/ml
13) T Pyrene (C20.8)	12.581	3181898	19.754 ug/ml
14) T Benzo[a]anthracene (C...	14.450	2916875	19.949 ug/ml
15) T Chrysene (C27.41)	14.492	3233976	19.660 ug/ml
16) T benzo[b]fluoranthene ...	15.996	3011382	19.808 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	2970181	19.761 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	3012346	20.016 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.736	2564953	19.658 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	3347269	20.569 ug/ml
21) T Benzo[g,h,i]perylene ...	17.987	3030558	19.796 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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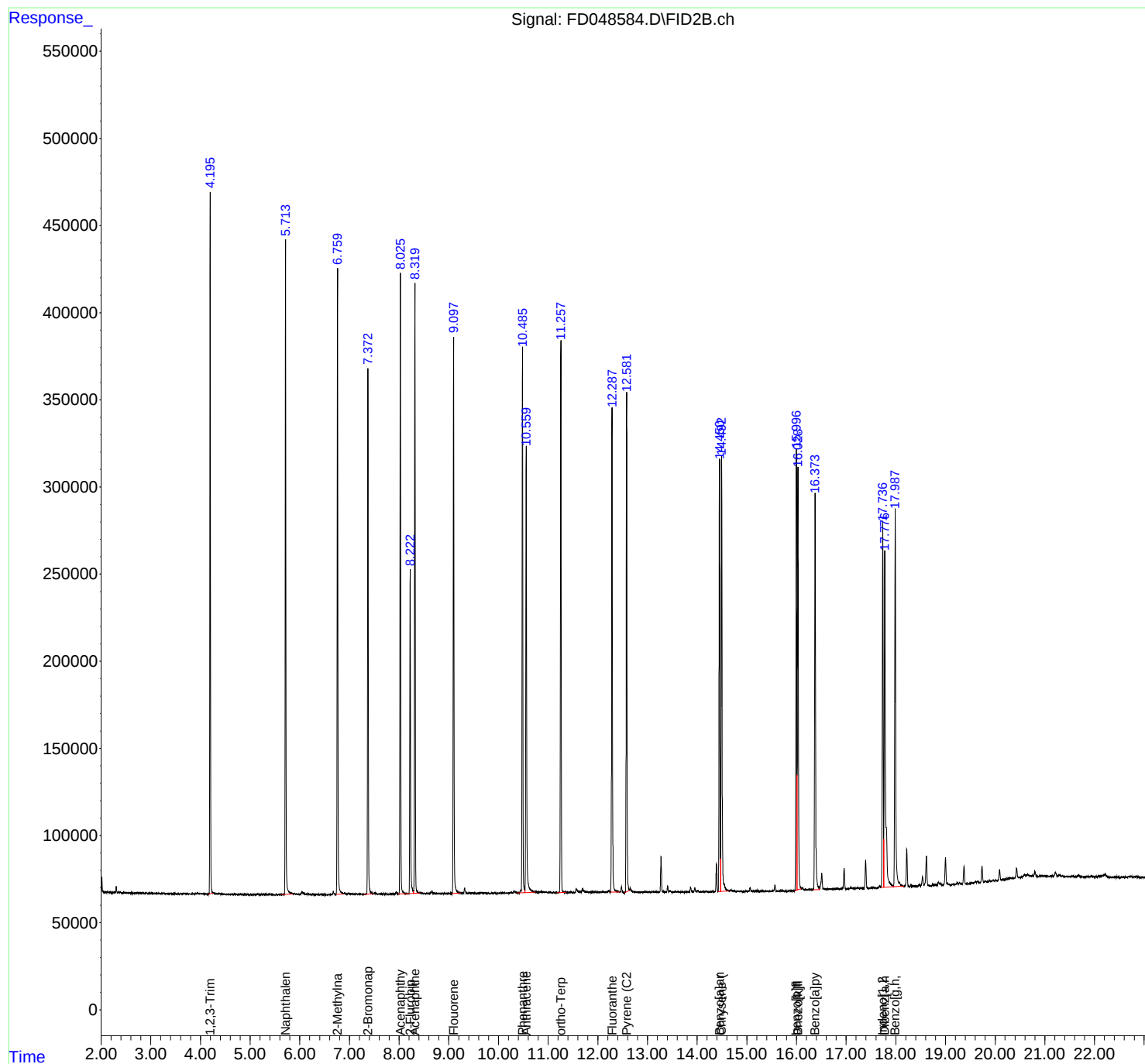
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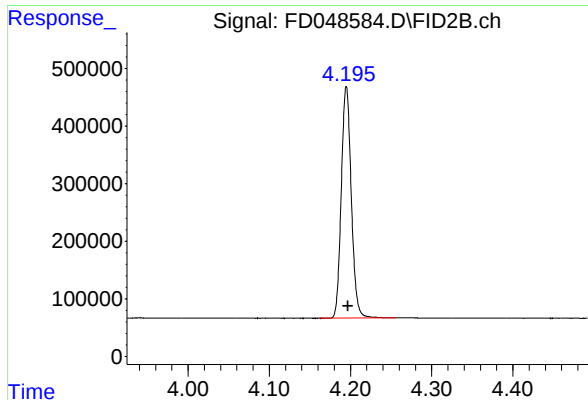
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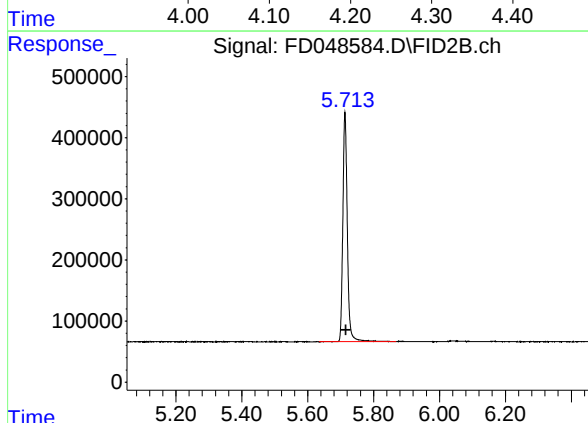
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 3439779
Conc: 19.77 ug/ml

Instrument :
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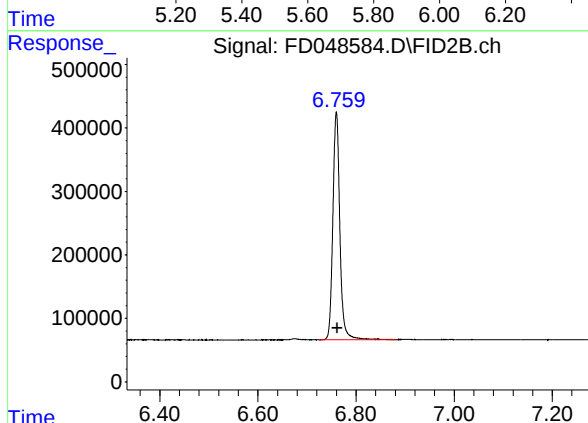
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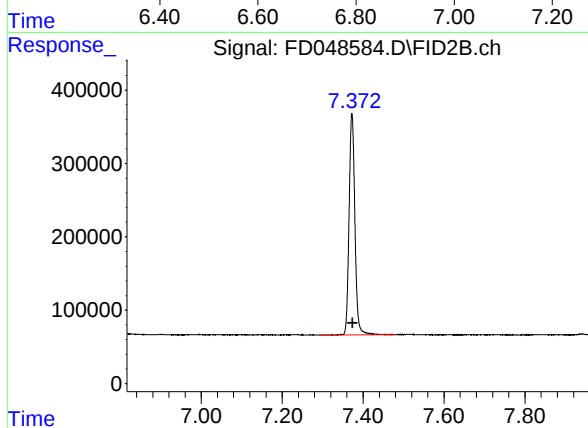
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: -0.002 min
Response: 3556267
Conc: 19.93 ug/ml



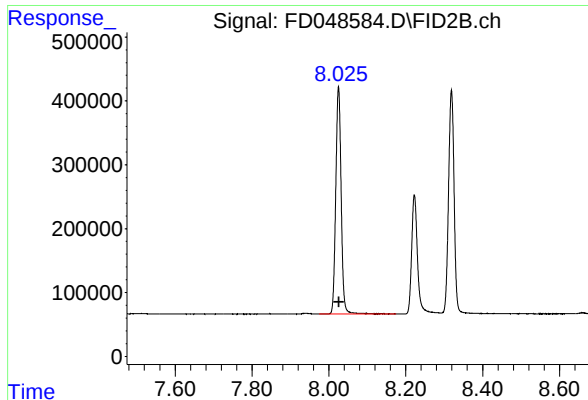
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 3555988
Conc: 19.88 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 3015852
Conc: 19.87 ug/ml



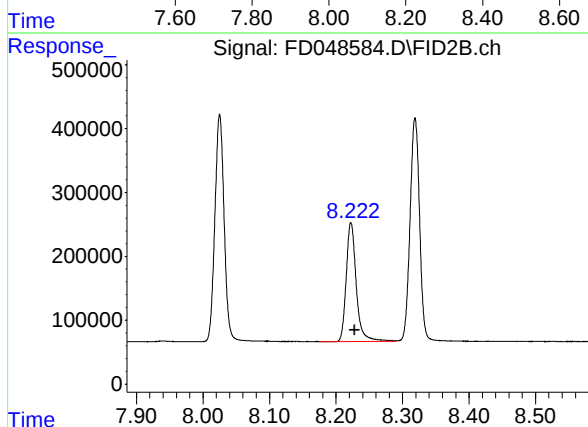
#5 Acenaphthylene (C15.06)

R.T.: 8.025 min
Delta R.T.: -0.001 min
Response: 3468413
Conc: 19.75 ug/ml

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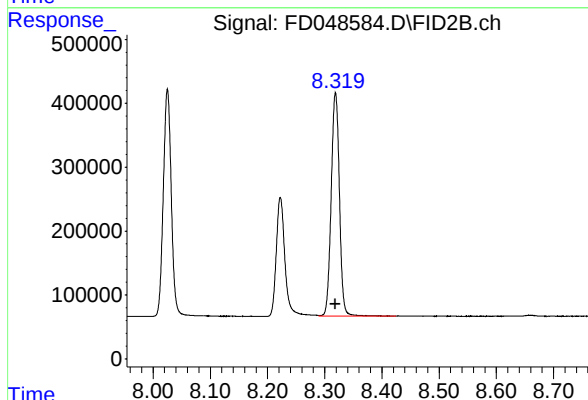
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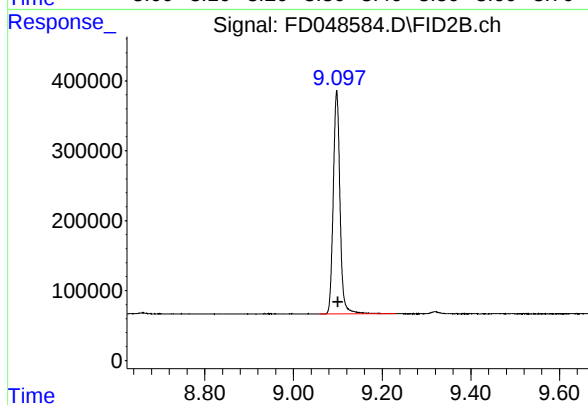
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 1961846
Conc: 19.98 ug/ml



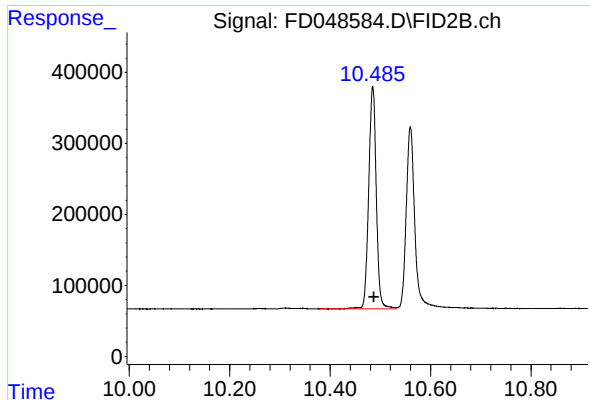
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 3496475
Conc: 19.71 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.098 min
Delta R.T.: -0.003 min
Response: 3359712
Conc: 19.88 ug/ml



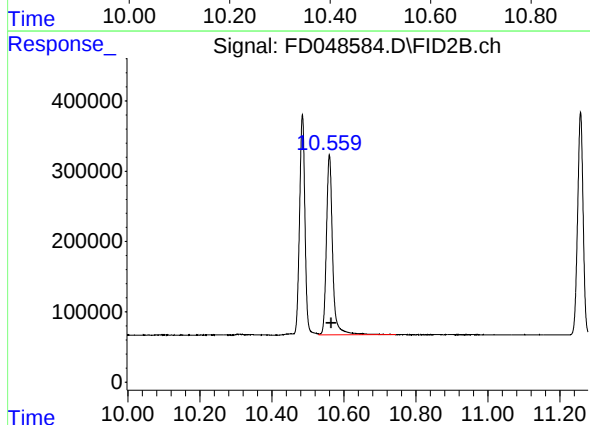
#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: -0.003 min
Response: 3268058
Conc: 19.77 ug/ml

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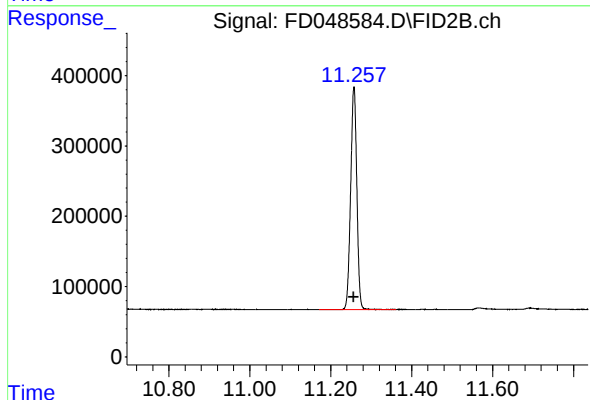
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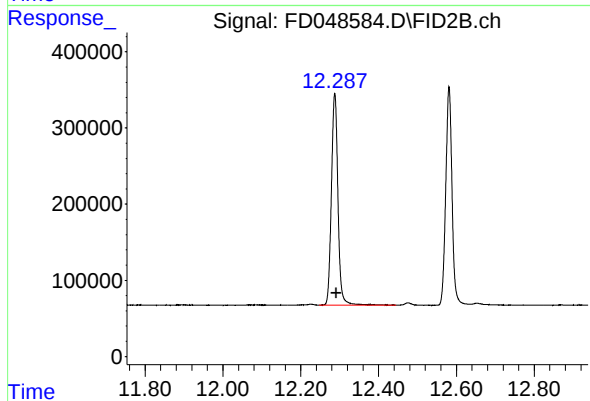
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: -0.005 min
Response: 3075816
Conc: 19.23 ug/ml



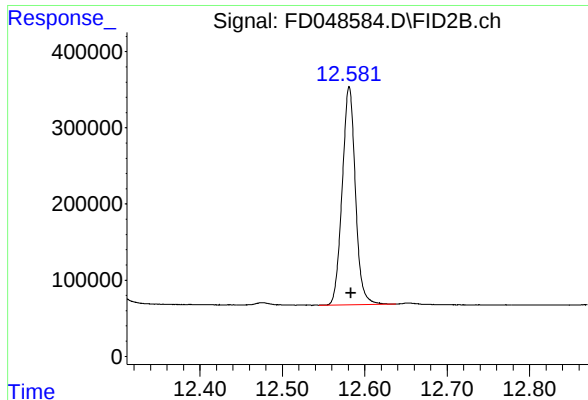
#11 ortho-Terphenyl (SURR)

R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 3355635
Conc: 19.70 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.287 min
Delta R.T.: -0.004 min
Response: 3241001
Conc: 19.69 ug/ml



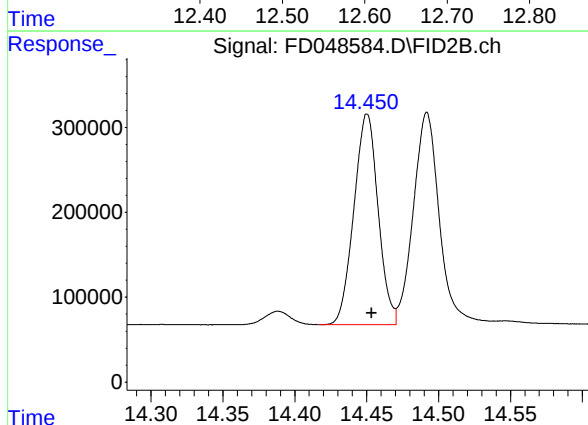
#13 Pyrene (C20.8)

R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 3181898
Conc: 19.75 ug/ml

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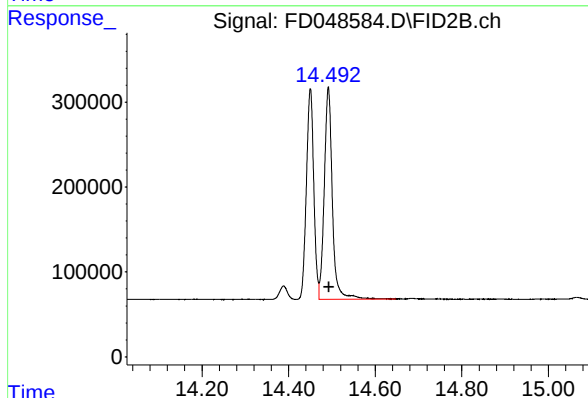
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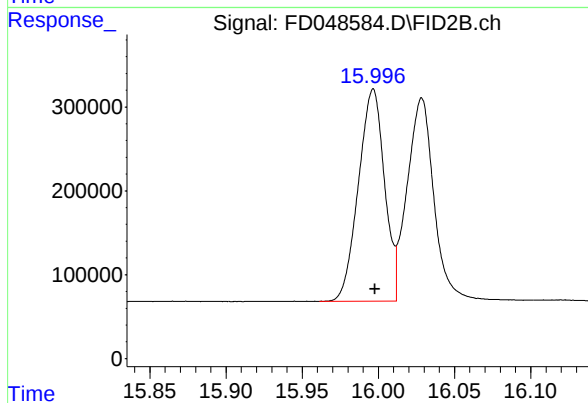
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.003 min
Response: 2916875
Conc: 19.95 ug/ml



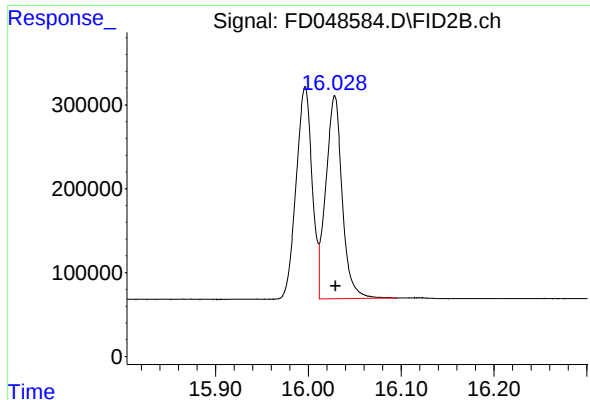
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: -0.002 min
Response: 3233976
Conc: 19.66 ug/ml



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

R.T.: 15.996 min
Delta R.T.: -0.002 min
Response: 3011382
Conc: 19.81 ug/ml



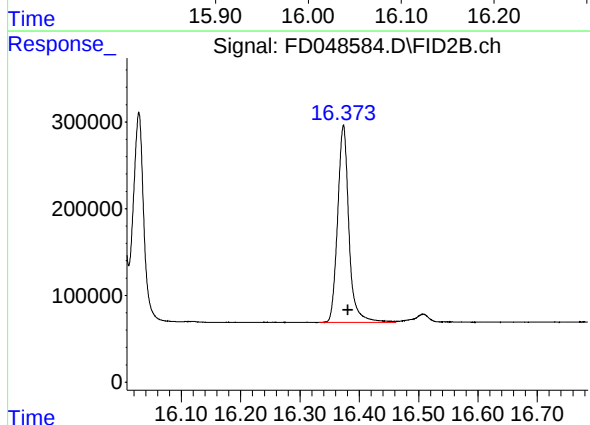
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.028 min
Delta R.T.: -0.001 min
Response: 2970181
Conc: 19.76 ug/ml

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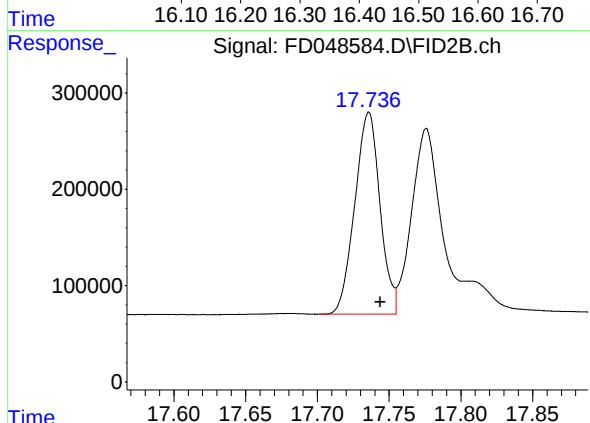
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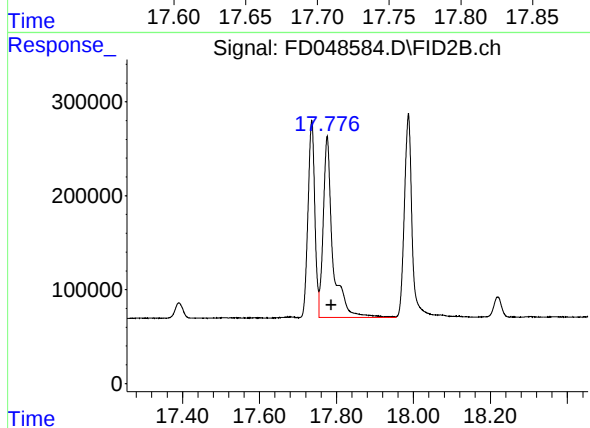
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: -0.007 min
Response: 3012346
Conc: 20.02 ug/ml m



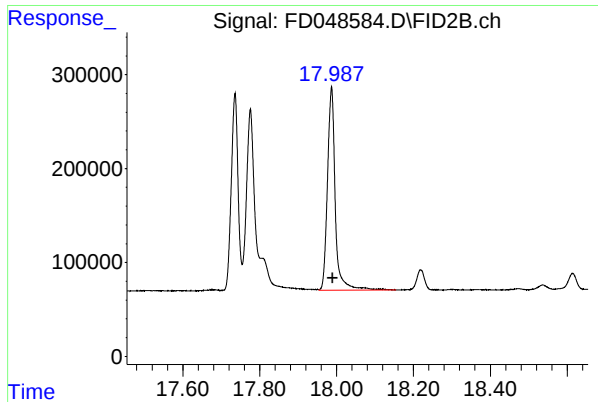
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.736 min
Delta R.T.: -0.008 min
Response: 2564953
Conc: 19.66 ug/ml



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

R.T.: 17.776 min
Delta R.T.: -0.011 min
Response: 3347269
Conc: 20.57 ug/ml



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

R.T.: 17.987 min
Delta R.T.: -0.003 min
Response: 3030558
Conc: 19.80 ug/ml

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