

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047571.D
 Signal(s) : FID2B.ch
 Acq On : 25 Apr 2024 03:01
 Operator : YP/AJ
 Sample : P2231-02MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PE-1(0-0.5)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :Ankita Jodhani 04/25/2024

Integration File: autoint1.e
 Quant Time: Apr 25 05:28:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.464	9934779	66.453 ug/ml
Spiked Amount 50.000		Recovery =	132.91%
6) S 2-Fluorobiphenyl (SURR)	8.317	6644700	68.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	136.01%#
11) S ortho-Terphenyl (SURR)	11.354	5763129	33.619 ug/ml
Spiked Amount 50.000		Recovery =	67.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	6523374	41.283 ug/ml
2) T Naphthalene (C11.7)	5.801	7471521	45.658 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7798601	47.413 ug/ml
5) T Acenaphthylene (C15.06)	8.120	8533730	56.537 ug/ml
7) T Acenaphthene (C15.5)	8.416	8314471	51.913 ug/ml
8) T Flouorene (C16.55)	9.195	8415197	54.396 ug/ml
9) T Phenanthrene (C19.36)	10.584	8336165	56.030 ug/ml
10) T Anthracene (C19.43)	10.660	8147675	59.906 ug/ml
12) T Fluoranthene (C21.85)	12.391	8164173	55.227 ug/ml
13) T Pyrene (C20.8)	12.686	8200587	56.822 ug/ml
14) T Benzo[a]anthracene (C...	14.554	7997282	60.810 ug/ml
15) T Chrysene (C27.41)	14.599	7618568	54.028 ug/ml
16) T benzo[b]fluoranthene ...	16.101	7604454	54.507 ug/ml
17) T Bnezo[k]fluoranthene ...	16.137	7526249	54.111 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.478	7362114	53.620 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	7716763	57.208 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	7326455	54.513 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.096	7023445	50.605 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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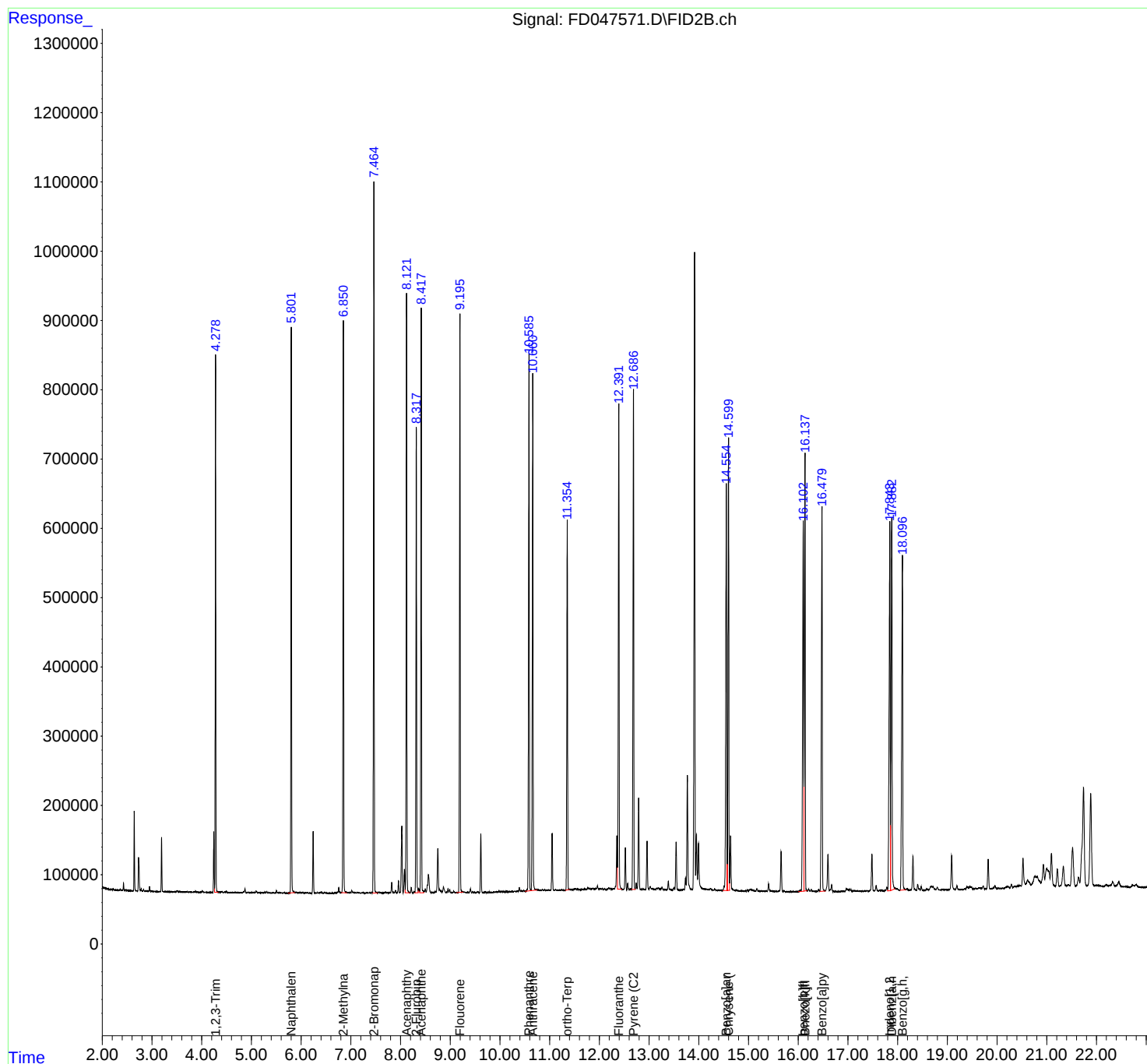
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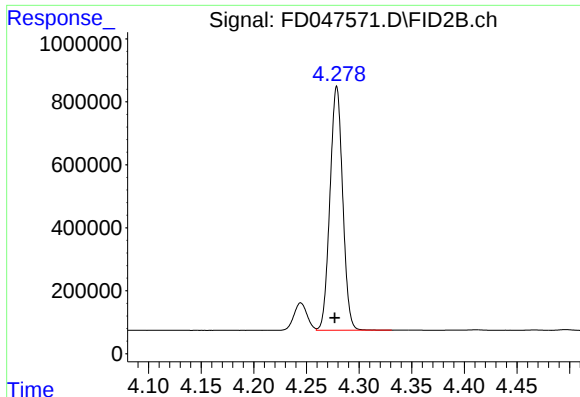
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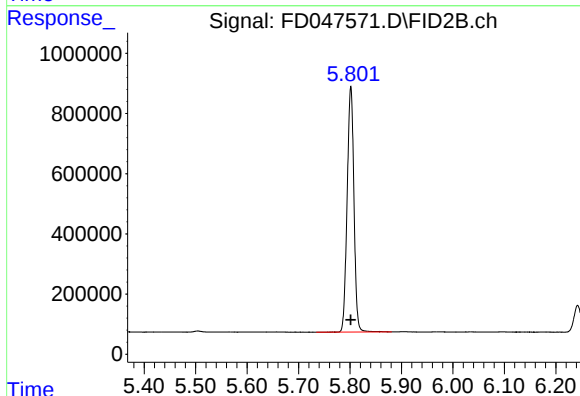
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.279 min
Delta R.T.: 0.002 min
Response: 6523374
Conc: 41.28 ug/ml

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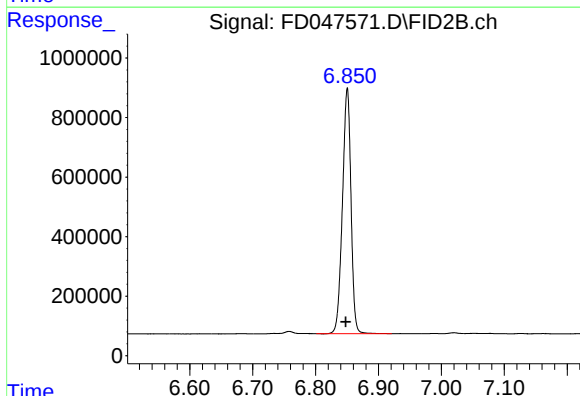
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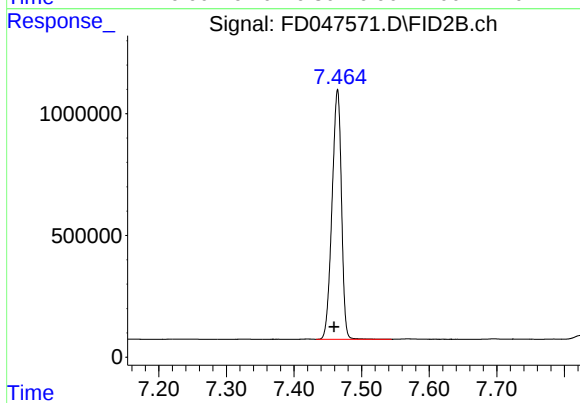
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 7471521
Conc: 45.66 ug/ml



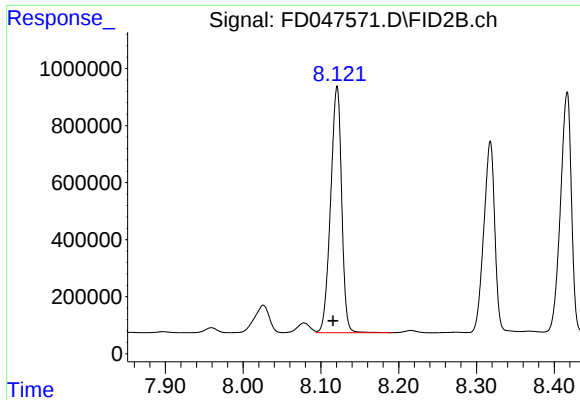
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 7798601
Conc: 47.41 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min
Delta R.T.: 0.005 min
Response: 9934779
Conc: 66.45 ug/ml



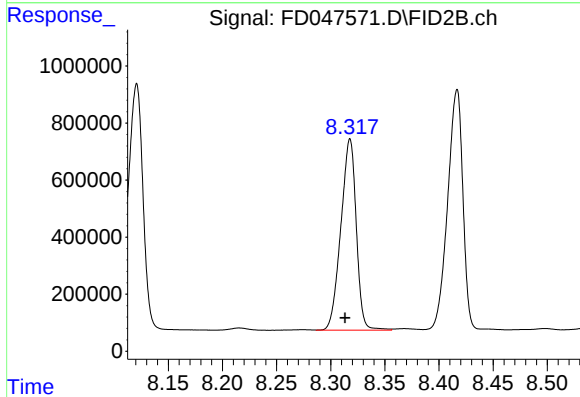
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: 0.005 min
Response: 8533730
Conc: 56.54 ug/ml

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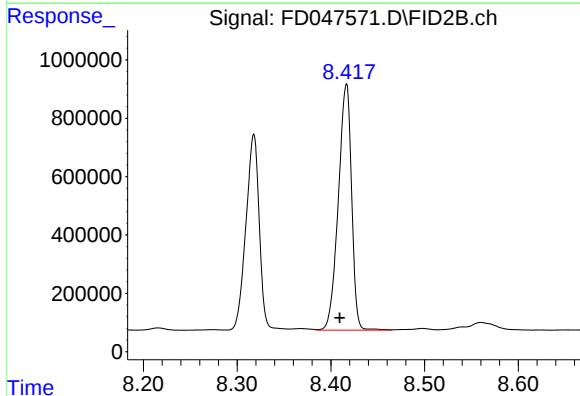
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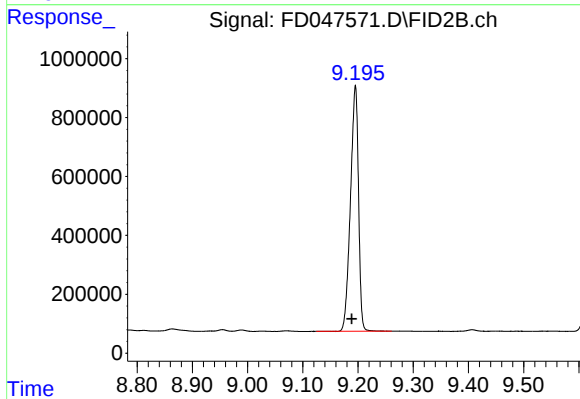
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.004 min
Response: 6644700
Conc: 68.01 ug/ml



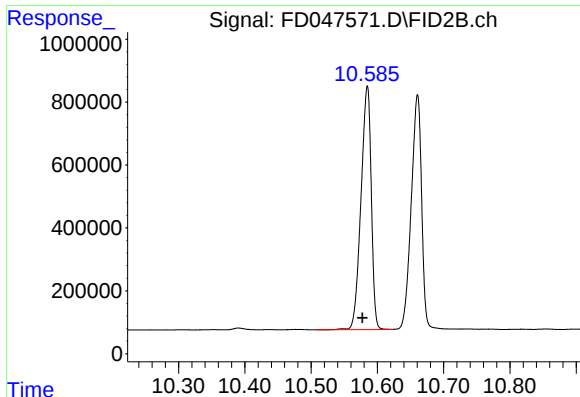
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: 0.007 min
Response: 8314471
Conc: 51.91 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.195 min
Delta R.T.: 0.006 min
Response: 8415197
Conc: 54.40 ug/ml



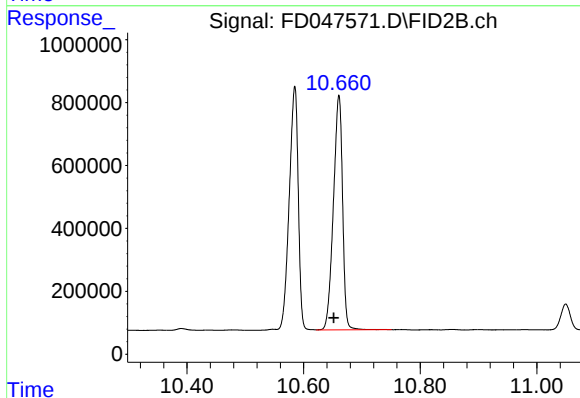
#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.007 min
Response: 8336165
Conc: 56.03 ug/ml

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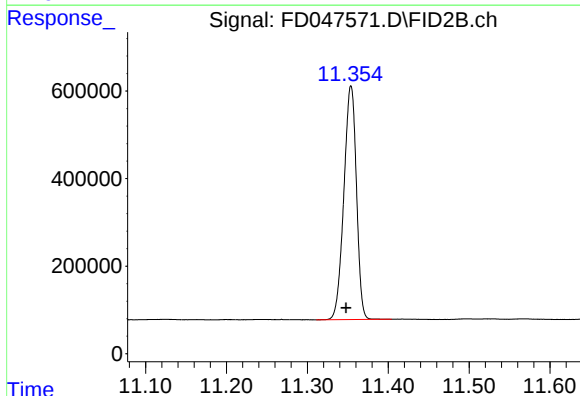
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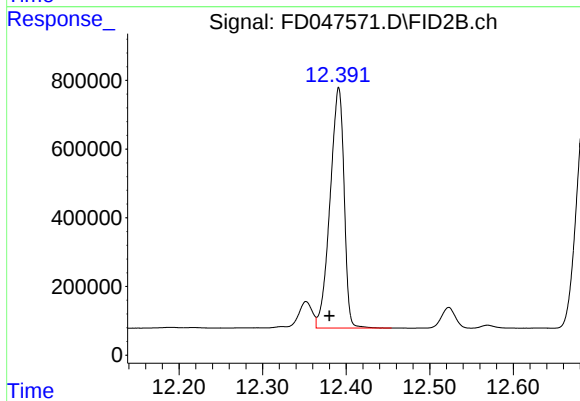
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.009 min
Response: 8147675
Conc: 59.91 ug/ml



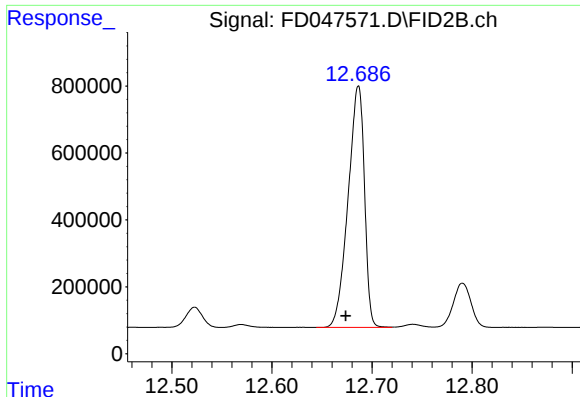
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.006 min
Response: 5763129
Conc: 33.62 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.391 min
Delta R.T.: 0.011 min
Response: 8164173
Conc: 55.23 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.686 min
Delta R.T.: 0.012 min
Response: 8200587
Conc: 56.82 ug/ml

Instrument :

FID_D

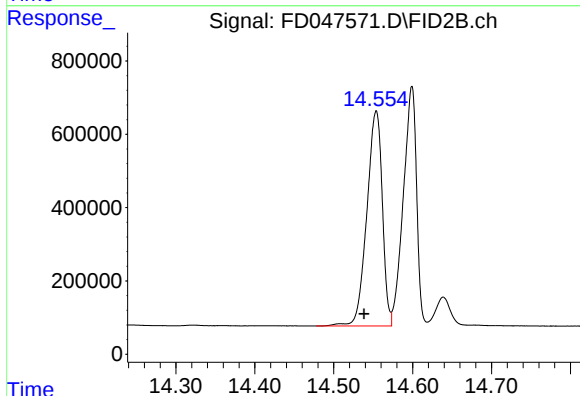
ClientSampleId :

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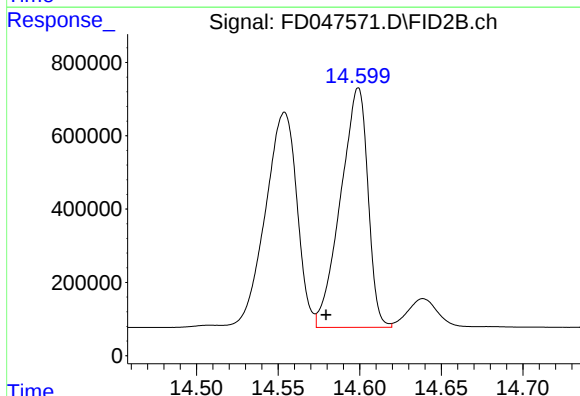
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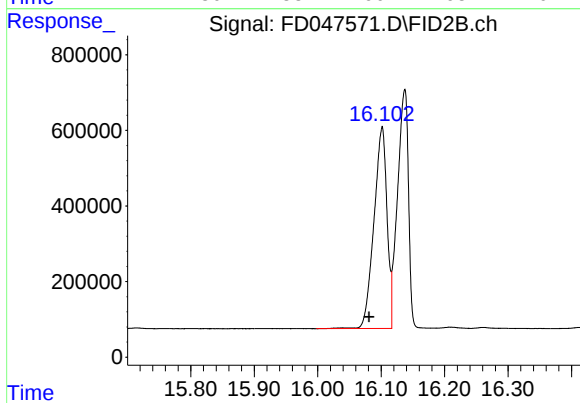
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.015 min
Response: 7997282
Conc: 60.81 ug/ml



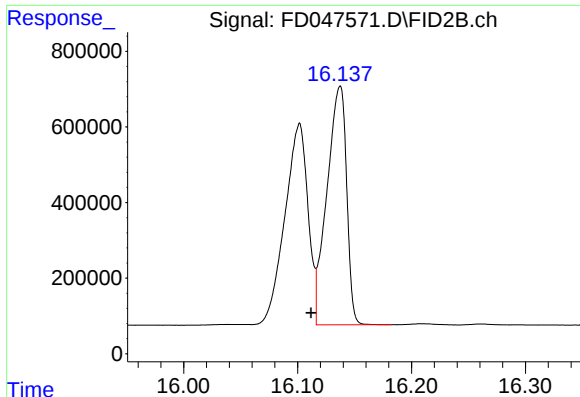
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: 0.019 min
Response: 7618568
Conc: 54.03 ug/ml



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

R.T.: 16.101 min
Delta R.T.: 0.020 min
Response: 7604454
Conc: 54.51 ug/ml



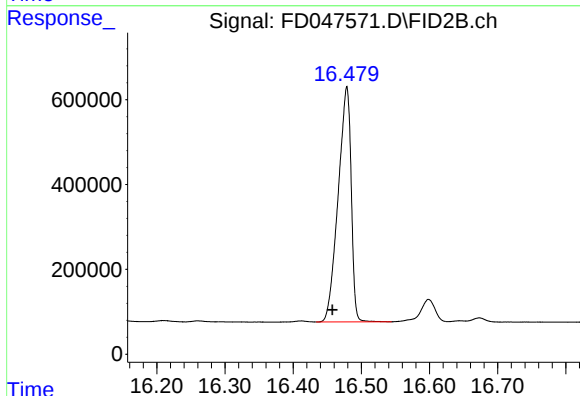
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.137 min
Delta R.T.: 0.025 min
Response: 7526249
Conc: 54.11 ug/ml

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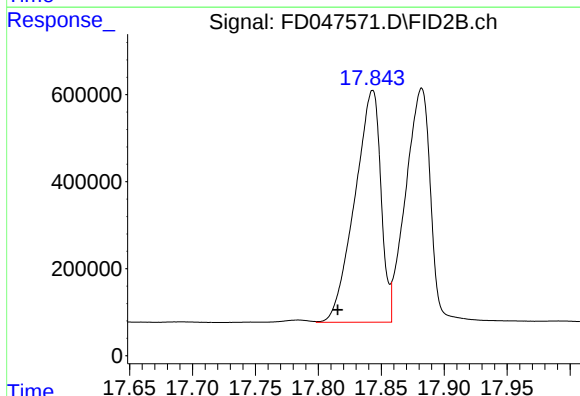
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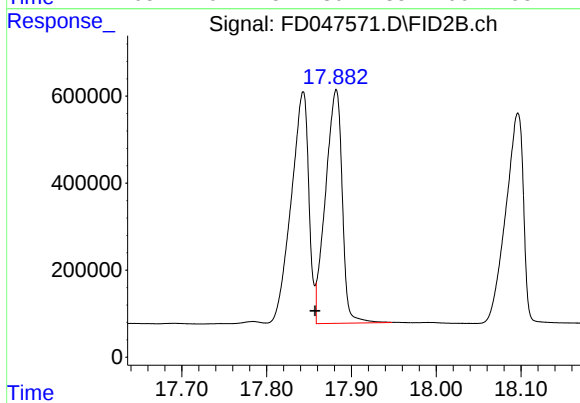
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.021 min
Response: 7362114
Conc: 53.62 ug/ml



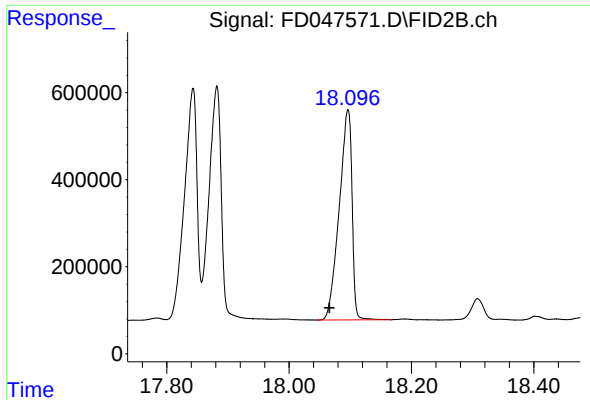
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.027 min
Response: 7716763
Conc: 57.21 ug/ml



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

R.T.: 17.882 min
Delta R.T.: 0.024 min
Response: 7326455
Conc: 54.51 ug/ml m



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

R.T.: 18.096 min
Delta R.T.: 0.030 min
Response: 7023445
Conc: 50.60 ug/ml

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