

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047719.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 12:38
 Operator : YP/AJ
 Sample : P2430-05MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 1011UMR-SS003-1224-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 13 02:05:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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	8246956	52.586 ug/ml
Spiked Amount 50.000		Recovery =	105.17%
6) S 2-Fluorobiphenyl (SURR)	8.318	5162464	49.353 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.71%
11) S ortho-Terphenyl (SURR)	11.357	4943898	26.363 ug/ml
Spiked Amount 50.000		Recovery =	52.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	6258746	38.711 ug/ml
2) T Naphthalene (C11.7)	5.800	7583150	44.816 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	8052797	47.274 ug/ml
5) T Acenaphthylene (C15.06)	8.122	8529955	52.304 ug/ml
7) T Acenaphthene (C15.5)	8.418	8387430	49.897 ug/ml
8) T Flouorene (C16.55)	9.197	8564177	51.485 ug/ml
9) T Phenanthrene (C19.36)	10.588	8497599	51.904 ug/ml
10) T Anthracene (C19.43)	10.664	8310494	55.483 ug/ml
12) T Fluoranthene (C21.85)	12.396	8252295	49.733 ug/ml
13) T Pyrene (C20.8)	12.692	8318708	51.126 ug/ml
14) T Benzo[a]anthracene (C...	14.561	7535065	51.620 ug/ml
15) T Chrysene (C27.41)	14.605	7454662	47.306 ug/ml
16) T benzo[b]fluoranthene ...	16.110	7128633	47.729 ug/ml
17) T Bnezo[k]fluoranthene ...	16.146	6924167	45.992 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.488	6713688	46.528 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	6830117	50.325 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	6502174	45.414 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.108	5957379	43.390 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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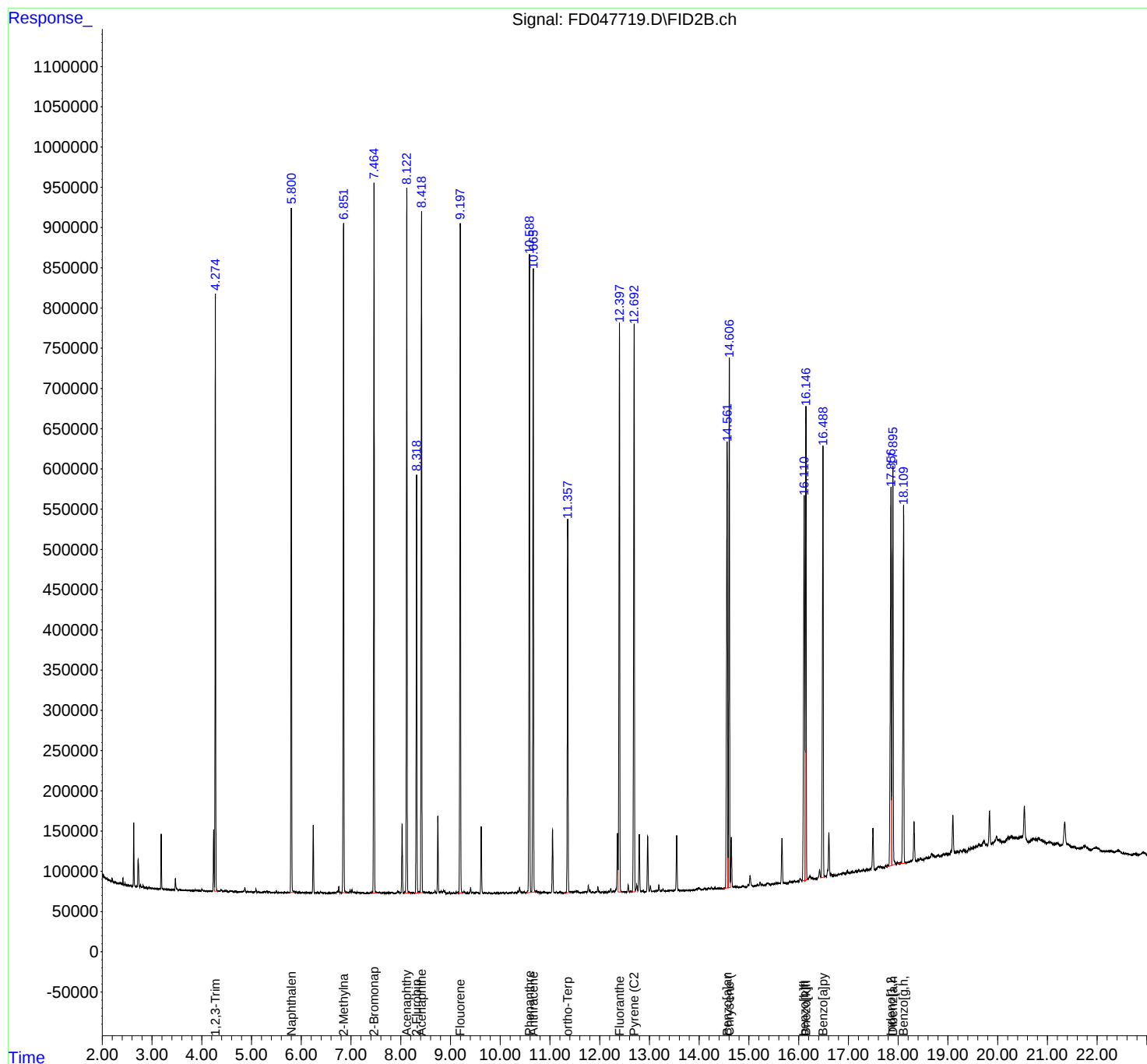
Instrument :
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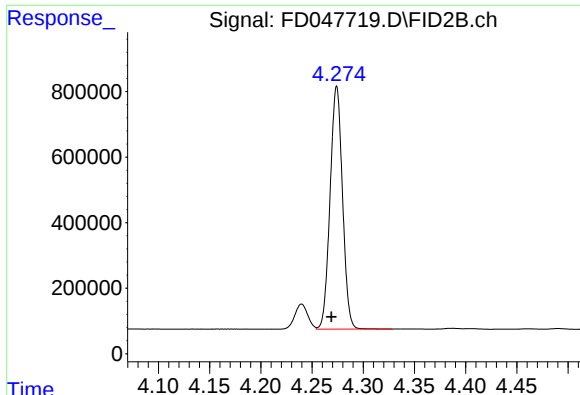
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: 0.005 min
Response: 6258746
Conc: 38.71 ug/ml

Instrument :

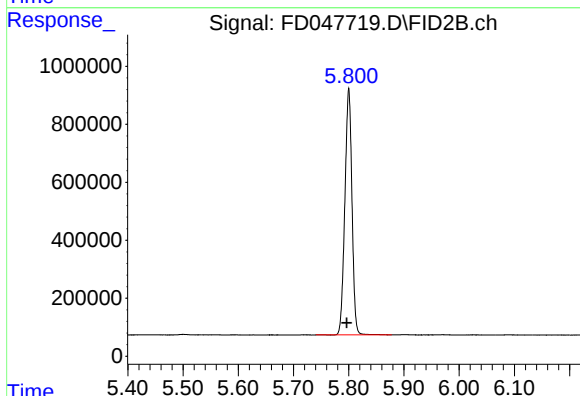
FID_D

ClientSampleId :

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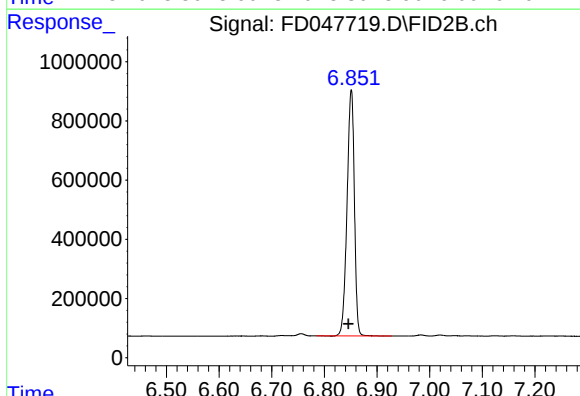
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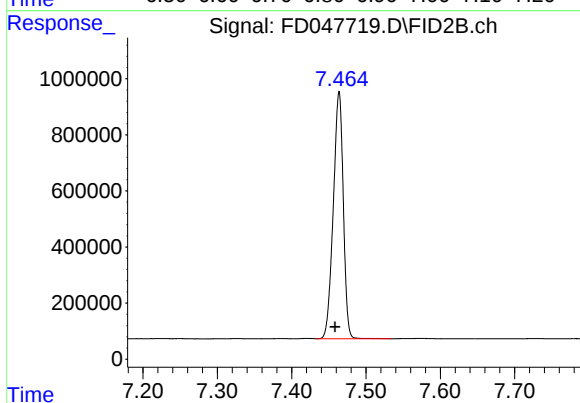
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 7583150
Conc: 44.82 ug/ml



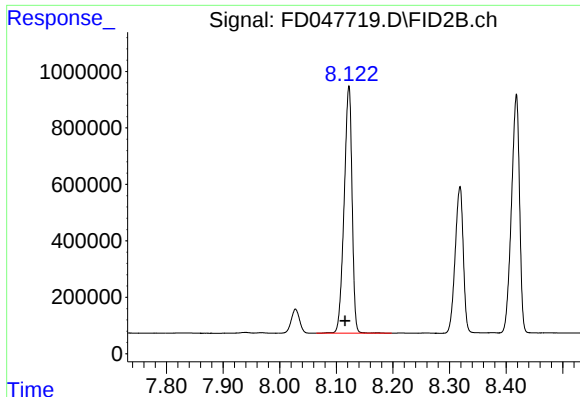
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: 0.006 min
Response: 8052797
Conc: 47.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min
Delta R.T.: 0.005 min
Response: 8246956
Conc: 52.59 ug/ml



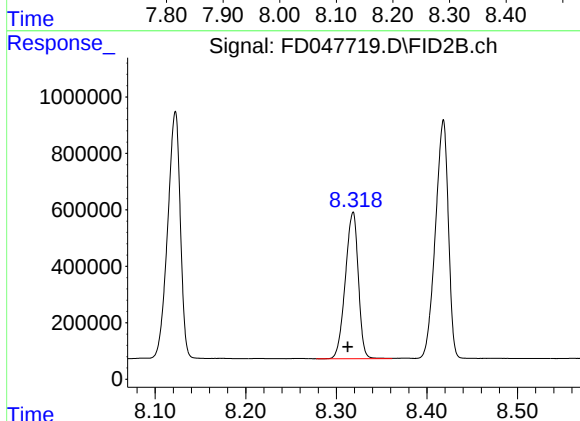
#5 Acenaphthylene (C15.06)

R.T.: 8.122 min
Delta R.T.: 0.006 min
Response: 8529955
Conc: 52.30 ug/ml

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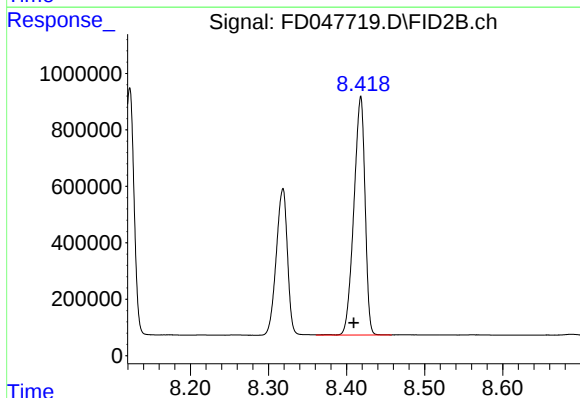
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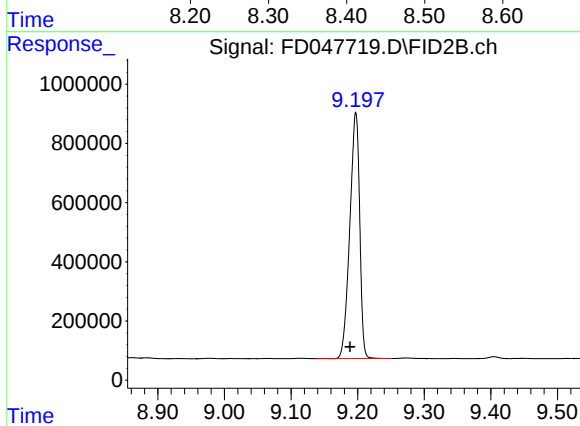
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: 0.006 min
Response: 5162464
Conc: 49.35 ug/ml



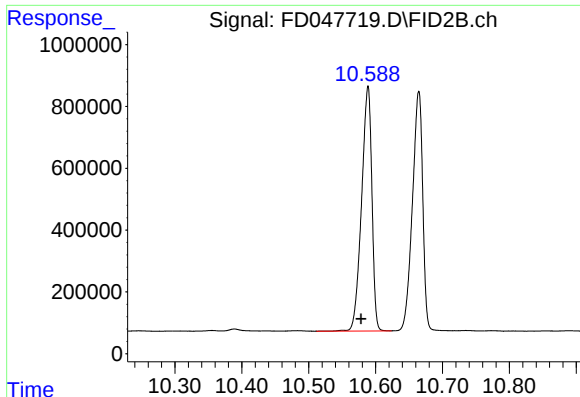
#7 Acenaphthene (C15.5)

R.T.: 8.418 min
Delta R.T.: 0.008 min
Response: 8387430
Conc: 49.90 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.008 min
Response: 8564177
Conc: 51.48 ug/ml



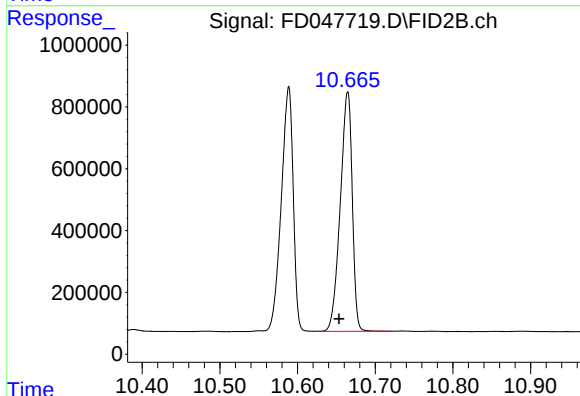
#9 Phenanthrene (C19.36)

R.T.: 10.588 min
Delta R.T.: 0.010 min
Response: 8497599
Conc: 51.90 ug/ml

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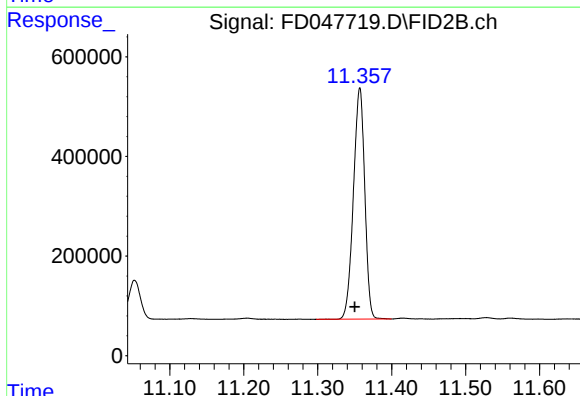
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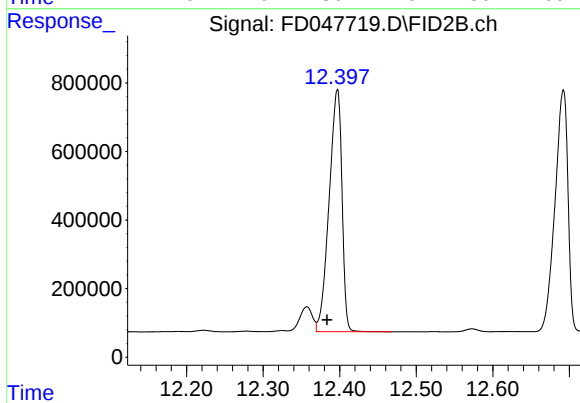
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.011 min
Response: 8310494
Conc: 55.48 ug/ml



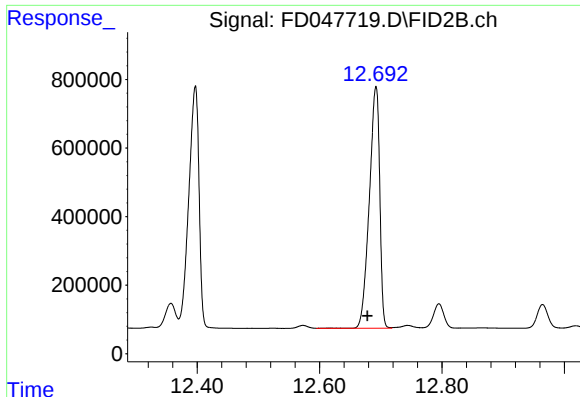
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.006 min
Response: 4943898
Conc: 26.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.396 min
Delta R.T.: 0.013 min
Response: 8252295
Conc: 49.73 ug/ml



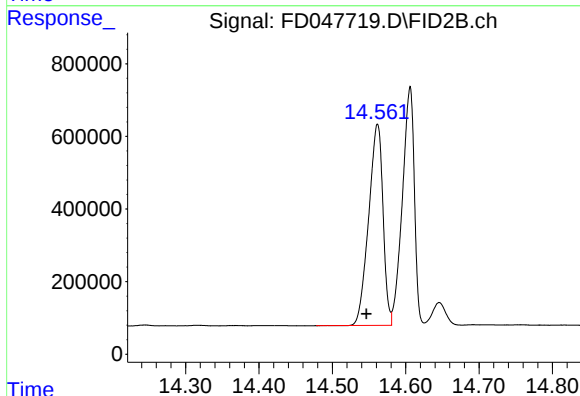
#13 Pyrene (C20.8)

R.T.: 12.692 min
Delta R.T.: 0.013 min
Response: 8318708
Conc: 51.13 ug/ml

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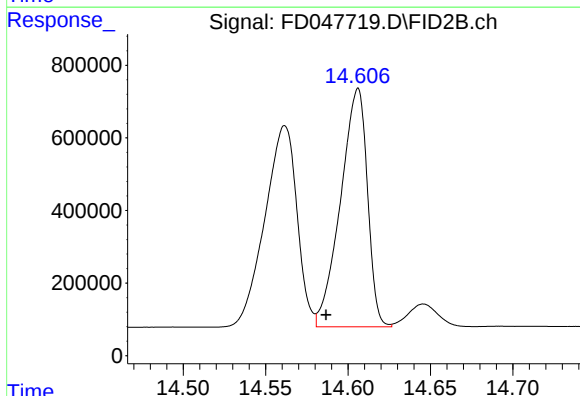
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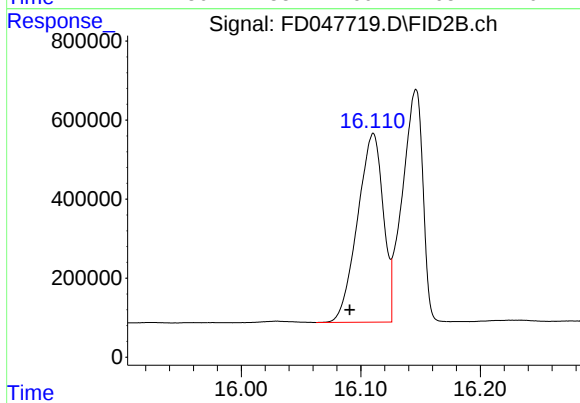
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: 0.015 min
Response: 7535065
Conc: 51.62 ug/ml



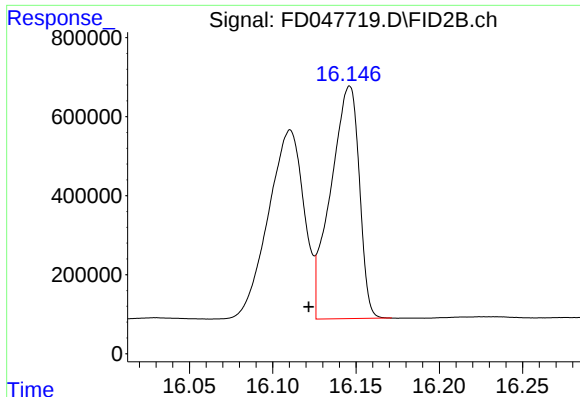
#15 Chrysene (C27.41)

R.T.: 14.605 min
Delta R.T.: 0.019 min
Response: 7454662
Conc: 47.31 ug/ml



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

R.T.: 16.110 min
Delta R.T.: 0.019 min
Response: 7128633
Conc: 47.73 ug/ml



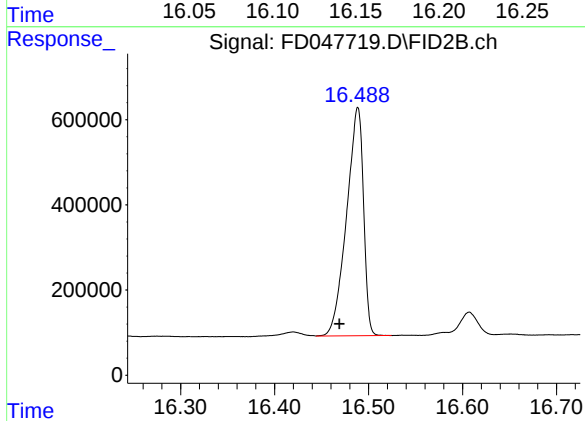
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.146 min
Delta R.T.: 0.024 min
Response: 6924167
Conc: 45.99 ug/ml

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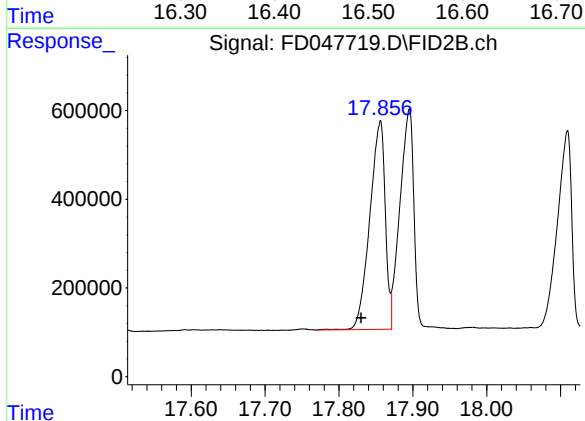
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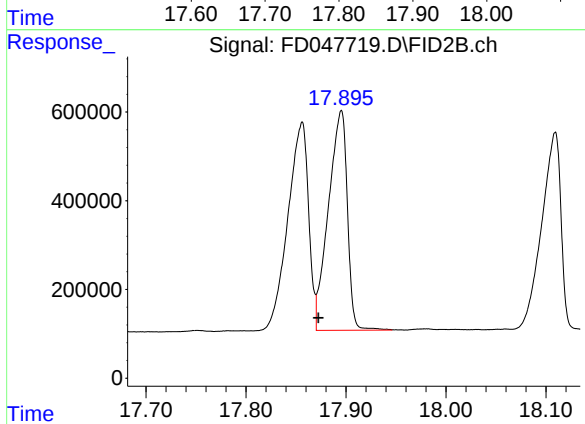
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.488 min
Delta R.T.: 0.019 min
Response: 6713688
Conc: 46.53 ug/ml



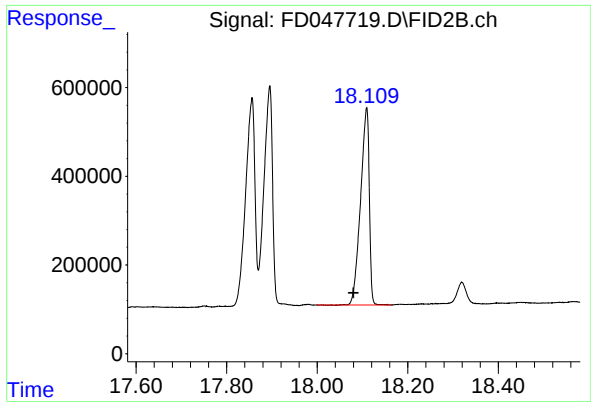
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.025 min
Response: 6830117
Conc: 50.33 ug/ml



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

R.T.: 17.895 min
Delta R.T.: 0.023 min
Response: 6502174
Conc: 45.41 ug/ml m



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

R.T.: 18.108 min
Delta R.T.: 0.028 min
Response: 5957379
Conc: 43.39 ug/ml

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