

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022724AR\
 Data File : FD047356.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 23:56
 Operator : YP/AJ
 Sample : P1539-08MSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2024
 Supervised By :Ankita Jodhani 02/28/2024

Integration File: autoint1.e
 Quant Time: Feb 28 02:41:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.465	8575593	56.329 ug/ml
Spiked Amount 50.000		Recovery =	112.66%
6) S 2-Fluorobiphenyl (SURR)	8.319	5315357	52.586 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.17%
11) S ortho-Terphenyl (SURR)	11.356	8790717	49.843 ug/ml
Spiked Amount 50.000		Recovery =	99.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.283	9757234	61.893 ug/ml
2) T Naphthalene (C11.7)	5.807	11055230	66.519 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	11094117	65.785 ug/ml
5) T Acenaphthylene (C15.06)	8.124	11163647	72.532 ug/ml
7) T Acenaphthene (C15.5)	8.421	11257977	68.300 ug/ml
8) T Flouorene (C16.55)	9.199	11453354	72.239 ug/ml
9) T Phenanthrene (C19.36)	10.588	11231906	72.298 ug/ml
10) T Anthracene (C19.43)	10.664	11185679	75.852 ug/ml
12) T Fluoranthene (C21.85)	12.393	11229815	72.529 ug/ml
13) T Pyrene (C20.8)	12.688	11161222	74.196 ug/ml
14) T Benzo[a]anthracene (C...	14.553	10468876	77.879 ug/mlm
15) T Chrysene (C27.41)	14.599	10397189	71.003 ug/mlm
16) T benzo[b]fluoranthene ...	16.096	9951114	72.275 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	9903369	71.372 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	9484854	70.063 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	9917798	78.559 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	9110868	68.379 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	8967615	67.632 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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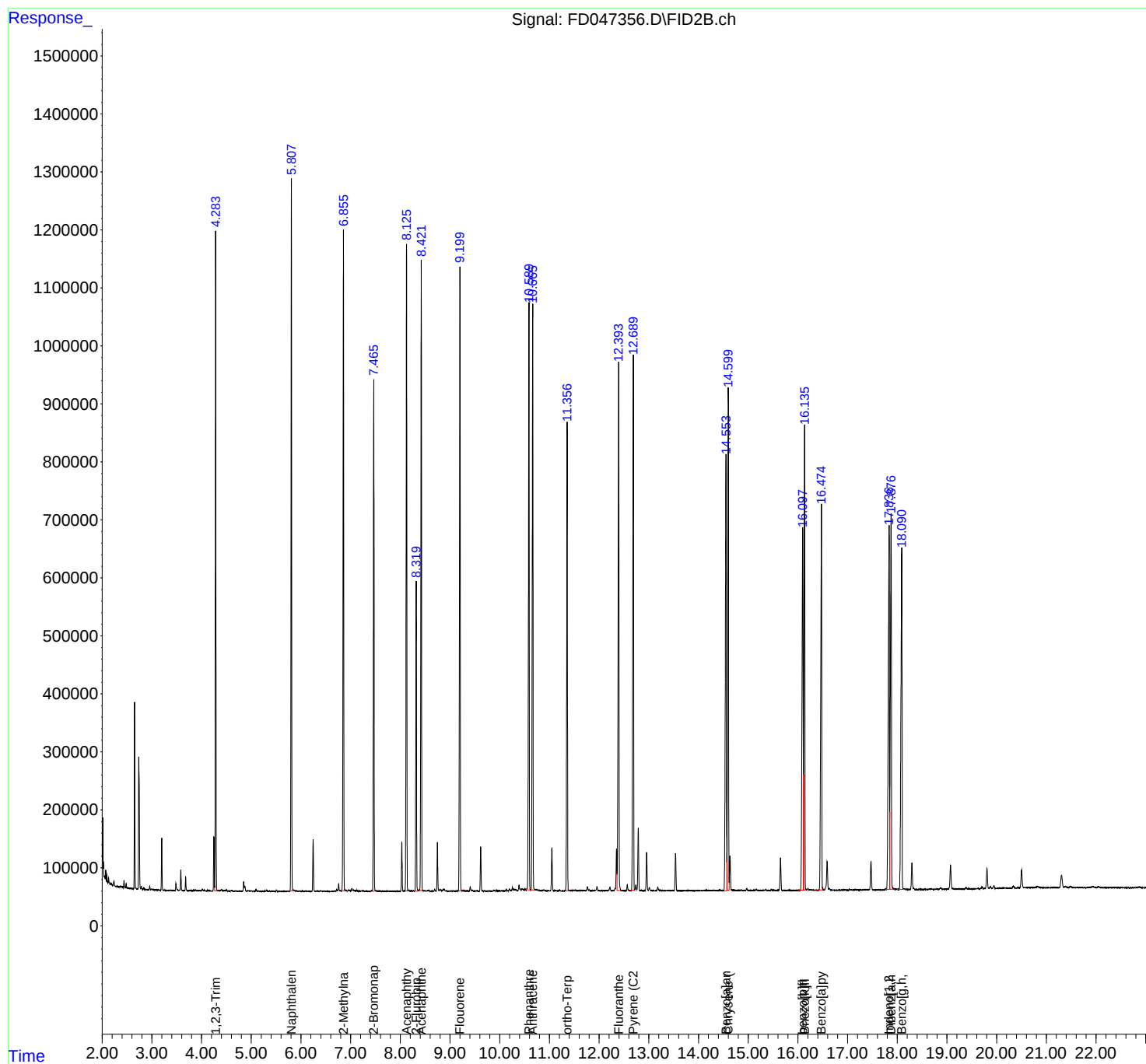
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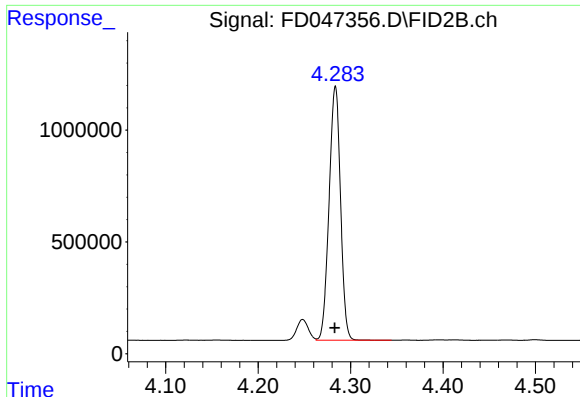
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.283 min
Delta R.T.: 0.000 min
Response: 9757234
Conc: 61.89 ug/ml

Instrument :

FID_D

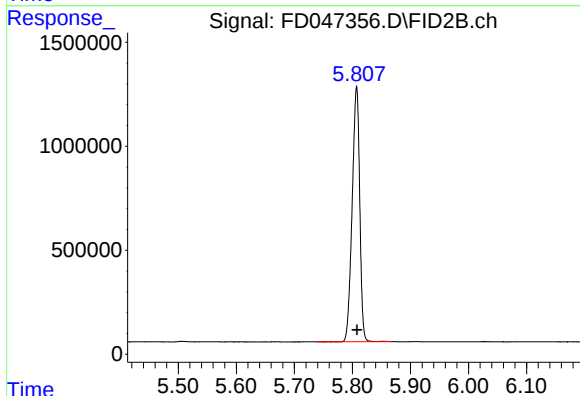
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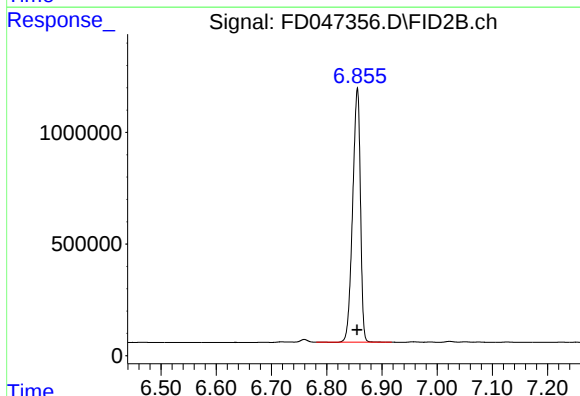
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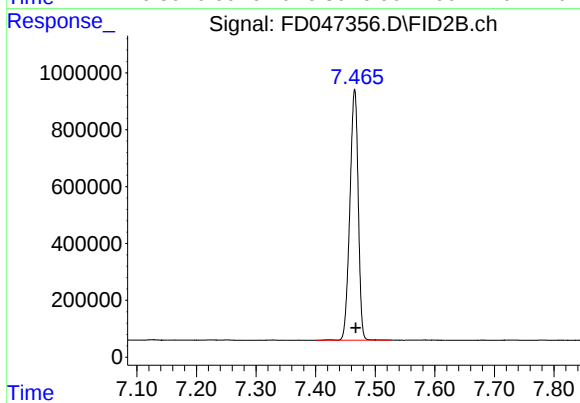
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 11055230
Conc: 66.52 ug/ml



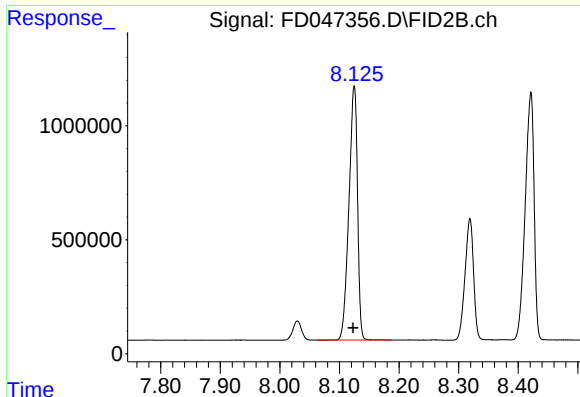
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 11094117
Conc: 65.79 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 8575593
Conc: 56.33 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.124 min
Delta R.T.: 0.002 min
Response: 11163647
Conc: 72.53 ug/ml

Instrument :

FID_D

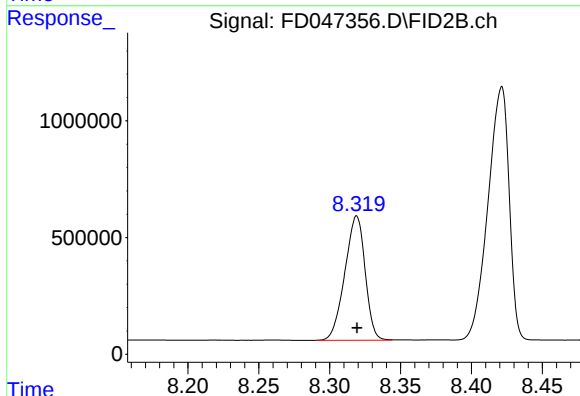
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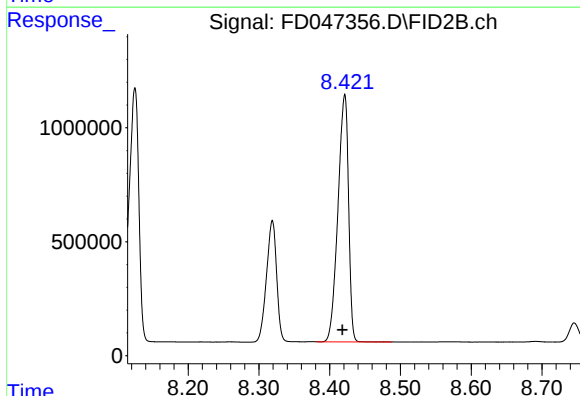
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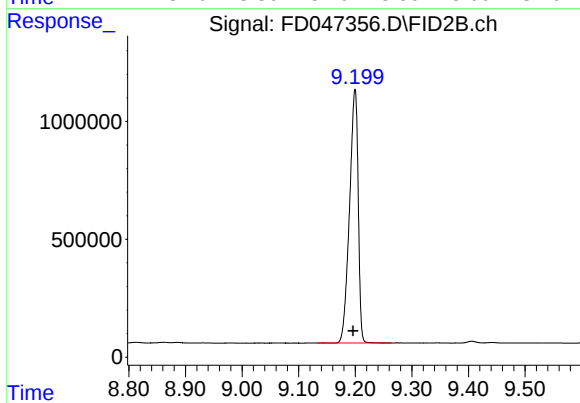
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 5315357
Conc: 52.59 ug/ml m



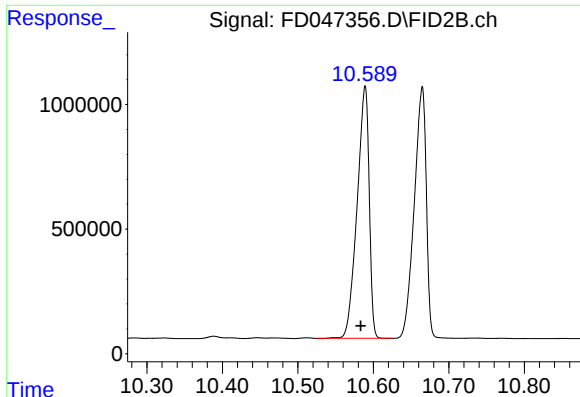
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: 0.003 min
Response: 11257977
Conc: 68.30 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.003 min
Response: 11453354
Conc: 72.24 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.588 min
Delta R.T.: 0.005 min
Response: 11231906
Conc: 72.30 ug/ml

Instrument :

FID_D

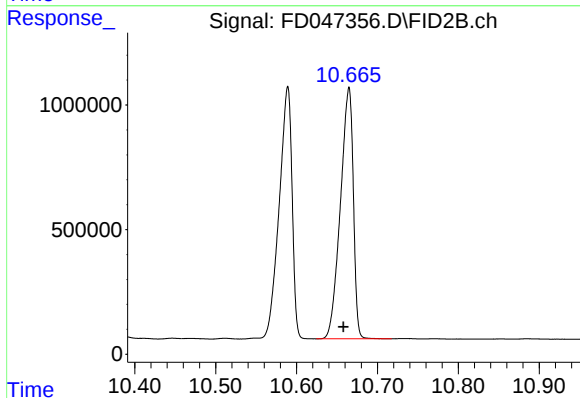
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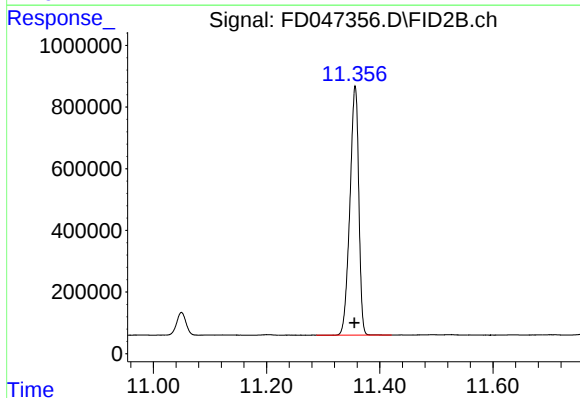
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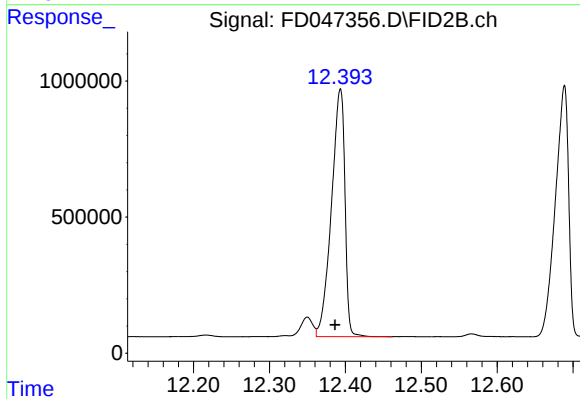
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.006 min
Response: 11185679
Conc: 75.85 ug/ml



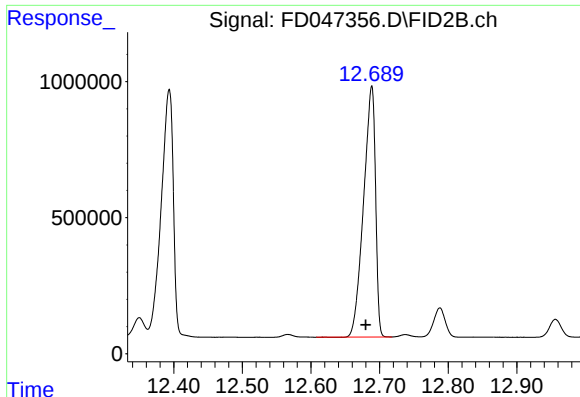
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.001 min
Response: 8790717
Conc: 49.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.393 min
Delta R.T.: 0.007 min
Response: 11229815
Conc: 72.53 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: 0.008 min
Response: 11161222
Conc: 74.20 ug/ml

Instrument :

FID_D

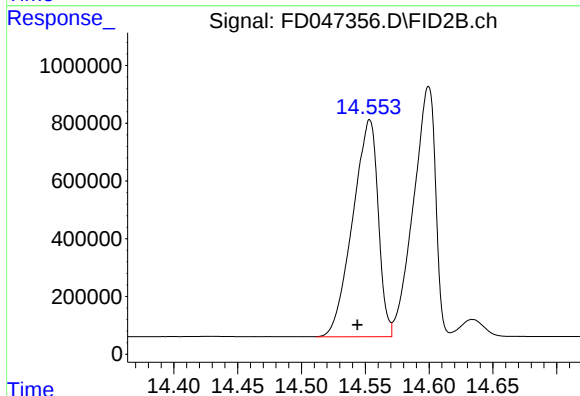
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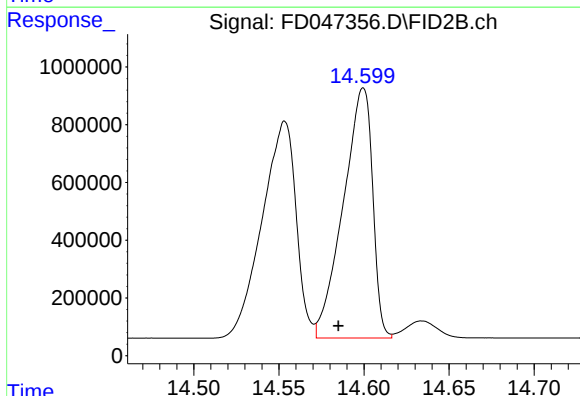
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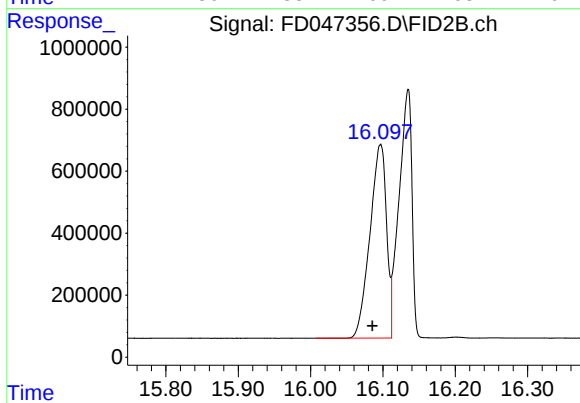
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.009 min
Response: 10468876
Conc: 77.88 ug/ml m



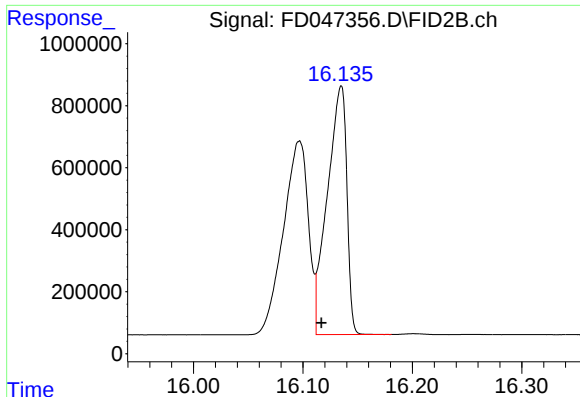
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: 0.014 min
Response: 10397189
Conc: 71.00 ug/ml m



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

R.T.: 16.096 min
Delta R.T.: 0.011 min
Response: 9951114
Conc: 72.27 ug/ml



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

R.T.: 16.134 min
Delta R.T.: 0.017 min
Response: 9903369
Conc: 71.37 ug/ml

Instrument :

FID_D

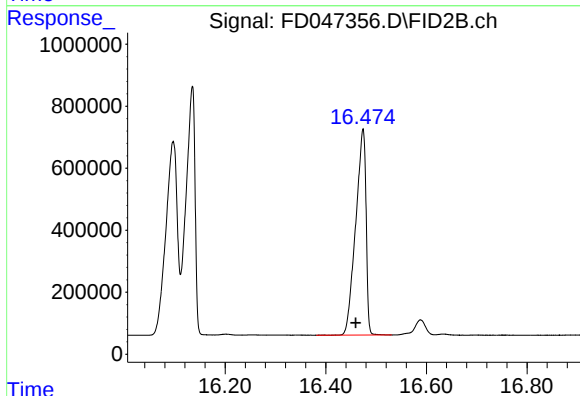
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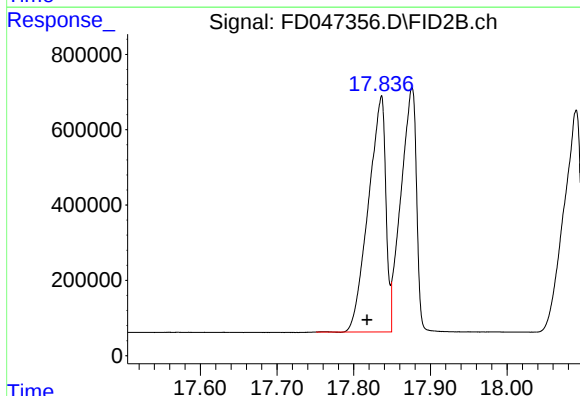
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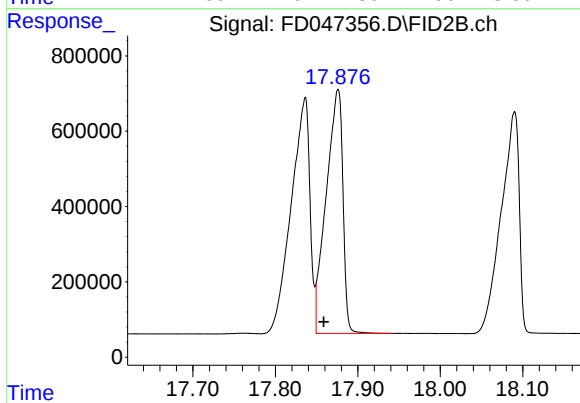
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: 0.014 min
Response: 9484854
Conc: 70.06 ug/ml



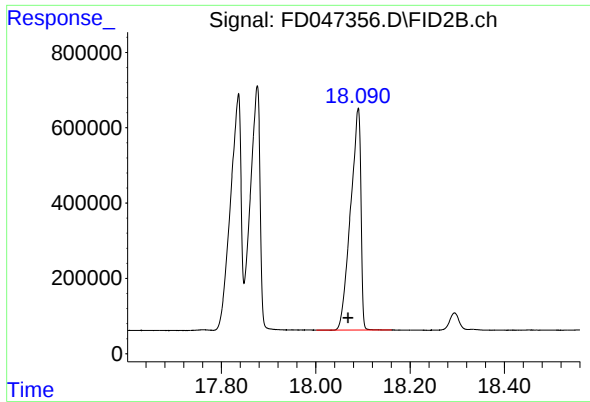
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: 0.017 min
Response: 9917798
Conc: 78.56 ug/ml



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

R.T.: 17.875 min
Delta R.T.: 0.016 min
Response: 9110868
Conc: 68.38 ug/ml



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

R.T.: 18.089 min
Delta R.T.: 0.021 min
Response: 8967615
Conc: 67.63 ug/ml

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