

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022724AR\
 Data File : FD047355.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 23:18
 Operator : YP/AJ
 Sample : P1539-07MS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

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 02:41:04 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	8693693	57.104 ug/ml
Spiked Amount 50.000		Recovery =	114.21%
6) S 2-Fluorobiphenyl (SURR)	8.319	5372622	53.153 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.31%
11) S ortho-Terphenyl (SURR)	11.356	8847100	50.162 ug/ml
Spiked Amount 50.000		Recovery =	100.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	9904347	62.826 ug/ml
2) T Naphthalene (C11.7)	5.807	11239617	67.628 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	11256951	66.751 ug/ml
5) T Acenaphthylene (C15.06)	8.124	11299877	73.417 ug/ml
7) T Acenaphthene (C15.5)	8.421	11390204	69.103 ug/ml
8) T Flouorene (C16.55)	9.199	11571250	72.983 ug/ml
9) T Phenanthrene (C19.36)	10.589	11302879	72.755 ug/ml
10) T Anthracene (C19.43)	10.665	11255123	76.323 ug/ml
12) T Fluoranthene (C21.85)	12.393	11260529	72.728 ug/ml
13) T Pyrene (C20.8)	12.688	11213758	74.546 ug/ml
14) T Benzo[a]anthracene (C...	14.552	10476585	77.937 ug/mlm
15) T Chrysene (C27.41)	14.599	10406879	71.069 ug/mlm
16) T benzo[b]fluoranthene ...	16.097	9947488	72.248 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	9933061	71.586 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	9480069	70.027 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	10008657	79.279 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	9072320	68.090 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	9003276	67.901 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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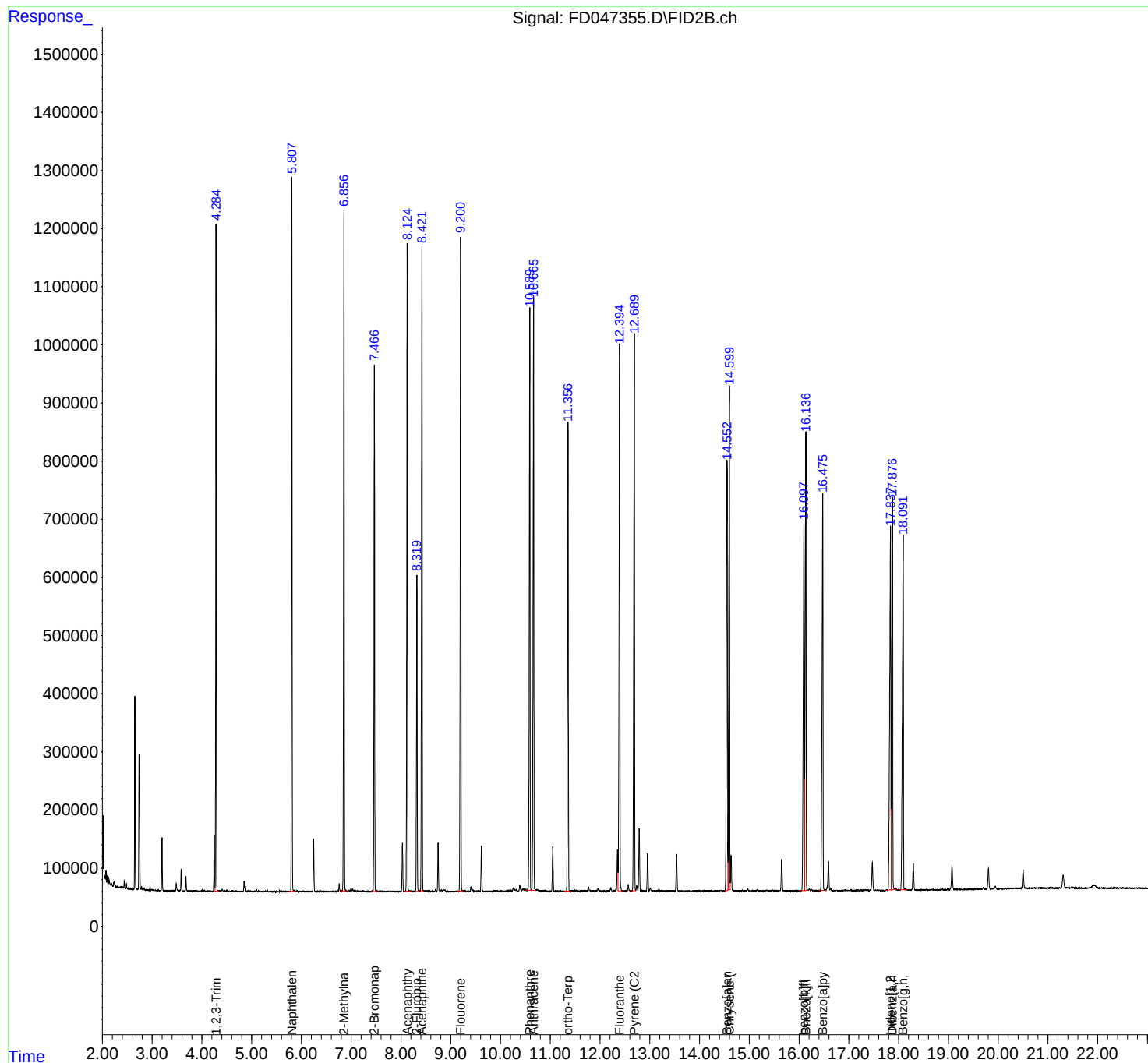
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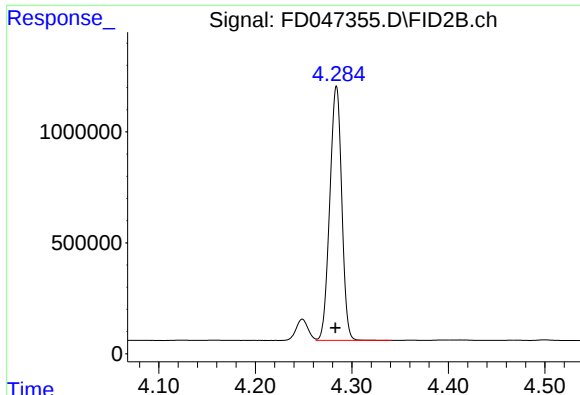
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 9904347
Conc: 62.83 ug/ml

Instrument :

FID_D

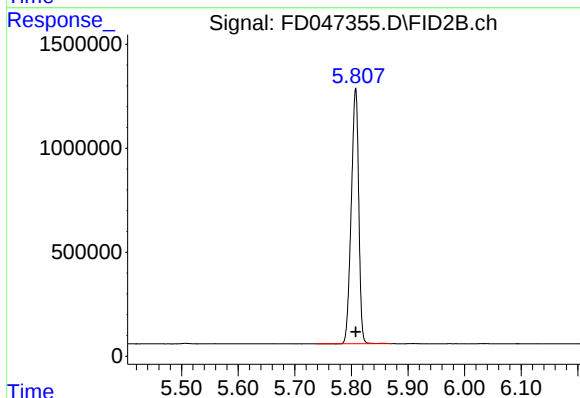
ClientSampleId :

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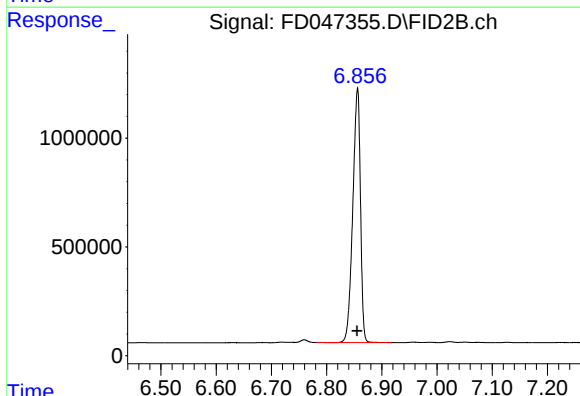
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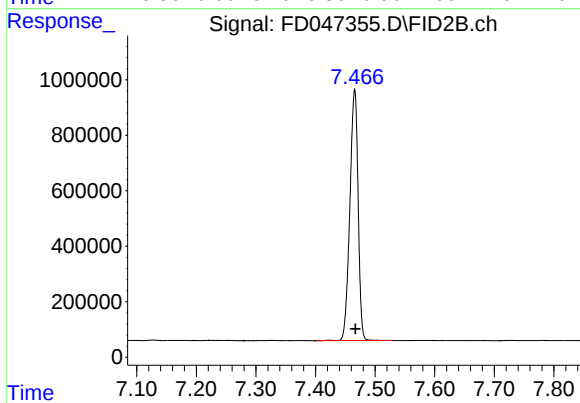
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 11239617
Conc: 67.63 ug/ml



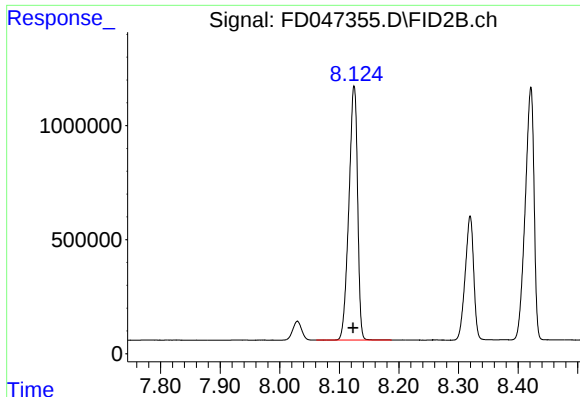
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 11256951
Conc: 66.75 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 8693693
Conc: 57.10 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.124 min
Delta R.T.: 0.002 min
Response: 11299877
Conc: 73.42 ug/ml

Instrument :

FID_D

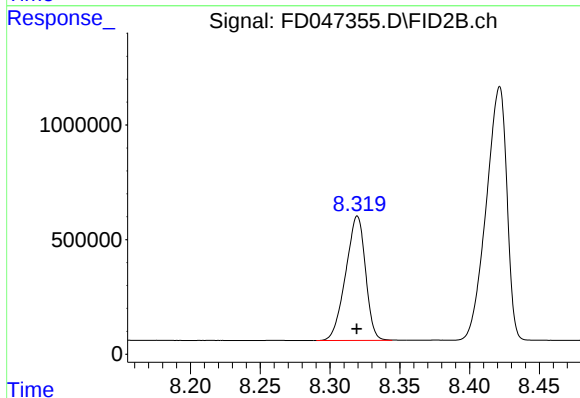
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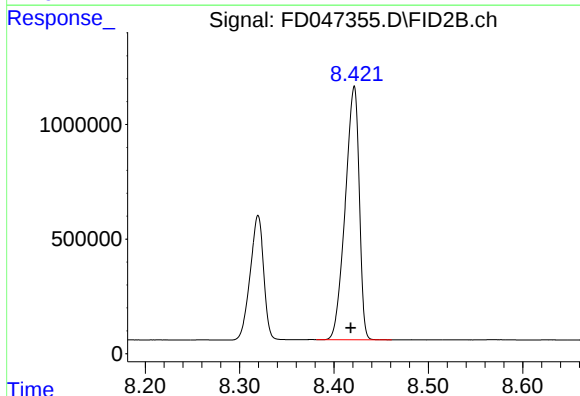
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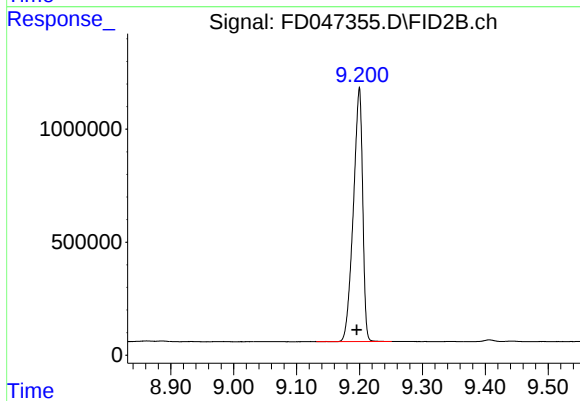
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 5372622
Conc: 53.15 ug/ml m



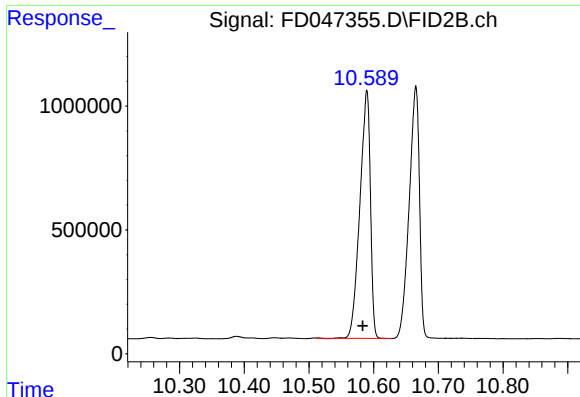
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: 0.003 min
Response: 11390204
Conc: 69.10 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.003 min
Response: 11571250
Conc: 72.98 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.589 min
Delta R.T.: 0.006 min
Response: 11302879
Conc: 72.75 ug/ml

Instrument :

FID_D

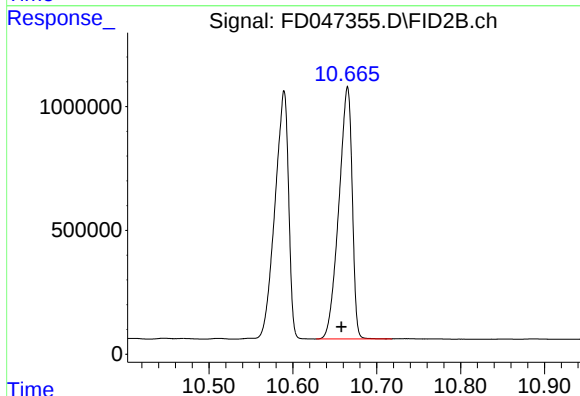
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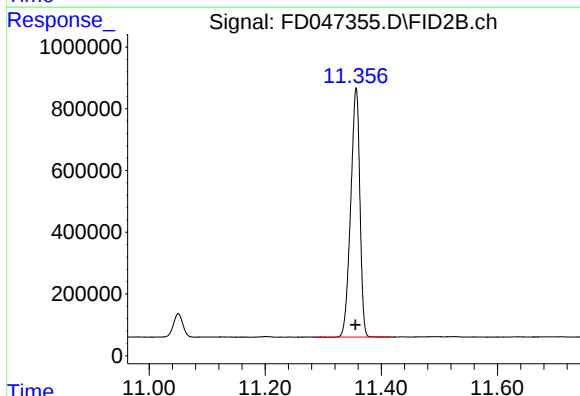
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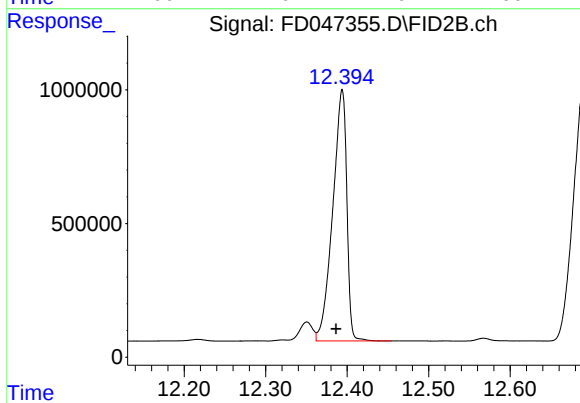
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: 0.007 min
Response: 11255123
Conc: 76.32 ug/ml



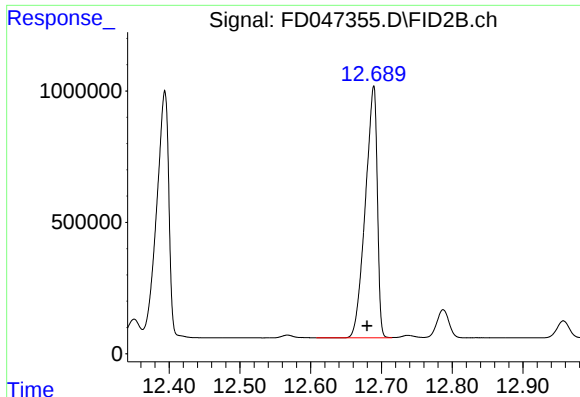
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.001 min
Response: 8847100
Conc: 50.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.393 min
Delta R.T.: 0.007 min
Response: 11260529
Conc: 72.73 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: 0.008 min
Response: 11213758
Conc: 74.55 ug/ml

Instrument :

FID_D

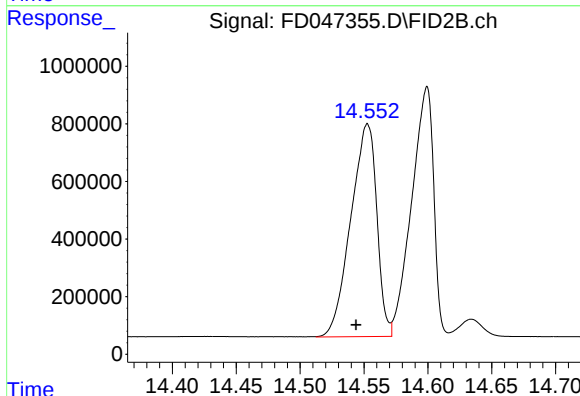
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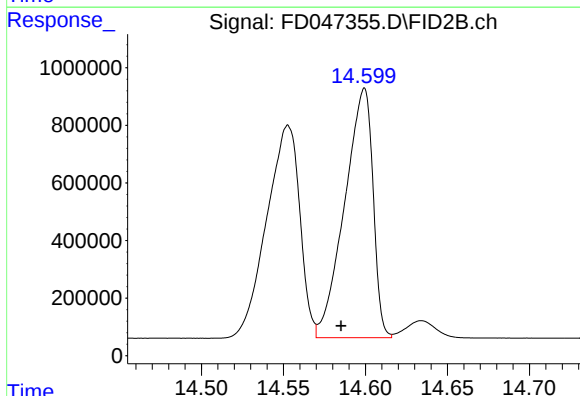
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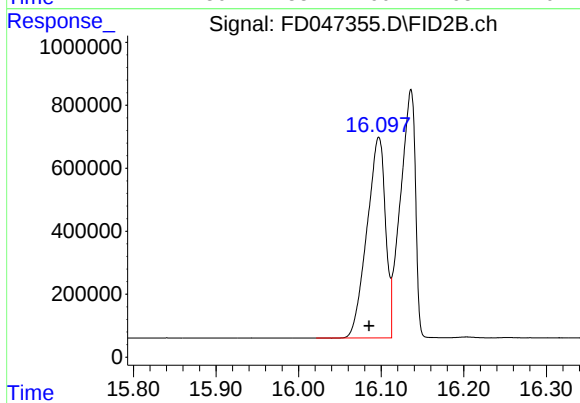
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.009 min
Response: 10476585
Conc: 77.94 ug/ml m



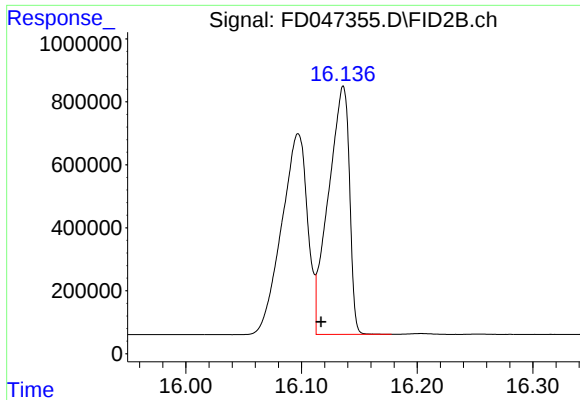
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: 0.014 min
Response: 10406879
Conc: 71.07 ug/ml m



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

R.T.: 16.097 min
Delta R.T.: 0.011 min
Response: 9947488
Conc: 72.25 ug/ml



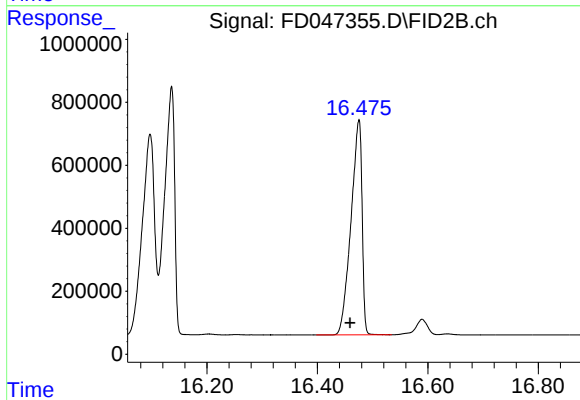
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.135 min
Delta R.T.: 0.018 min
Response: 9933061
Conc: 71.59 ug/ml

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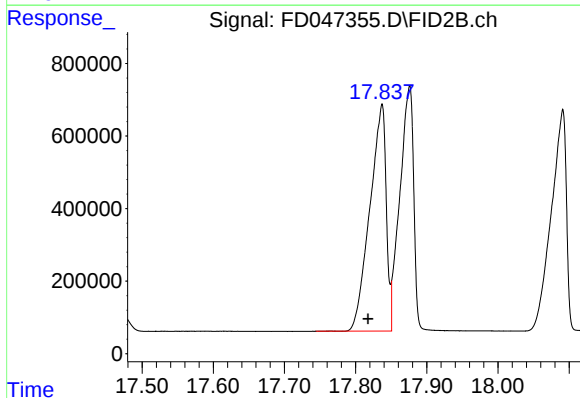
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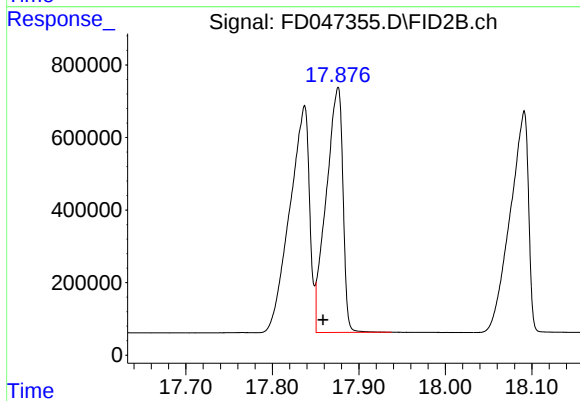
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: 0.015 min
Response: 9480069
Conc: 70.03 ug/ml



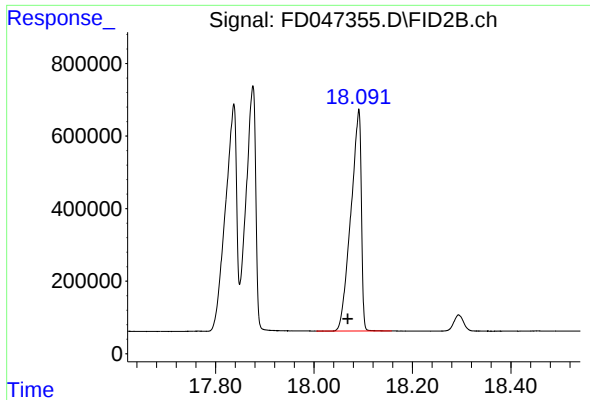
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.019 min
Response: 10008657
Conc: 79.28 ug/ml



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

R.T.: 17.875 min
Delta R.T.: 0.016 min
Response: 9072320
Conc: 68.09 ug/ml



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

R.T.: 18.090 min
Delta R.T.: 0.021 min
Response: 9003276
Conc: 67.90 ug/ml

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