

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AR\
 Data File : FD043819.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2022 00:24
 Operator : YP/AJ
 Sample : PB147505BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147505BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 05:42:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 10:52:36 2022
 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...	7.439	8137299	47.096 ug/ml
Spiked Amount 50.000		Recovery =	94.19%
6) S 2-Fluorobiphenyl (SURR)	8.293	5355809	53.242 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.48%
11) S ortho-Terphenyl (SURR)	11.326	8311656	39.729 ug/ml
Spiked Amount 50.000		Recovery =	79.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.248	5846303	29.357 ug/mlm
2) T Naphthalene (C11.7)	5.779	6683521	33.251 ug/ml
3) T 2-Methylnaphthalene (...)	6.825	6607064	36.605 ug/ml
5) T Acenaphthylene (C15.06)	8.096	6938025	34.709 ug/ml
7) T Acenaphthene (C15.5)	8.389	7631117	35.500 ug/ml
8) T Flouorene (C16.55)	9.168	7311129	38.136 ug/ml
9) T Phenanthrene (C19.36)	10.560	7873456	43.784 ug/ml
10) T Anthracene (C19.43)	10.636	8173258	42.020 ug/ml
12) T Fluoranthene (C21.85)	12.365	7970184	43.704 ug/ml
13) T Pyrene (C20.8)	12.660	7921058	42.435 ug/ml
14) T Benzo[a]anthracene (C...	14.528	7448084	52.055 ug/ml
15) T Chrysene (C27.41)	14.571	8846304	45.833 ug/ml
16) T benzo[b]fluoranthene ...	16.074	7161068	49.626 ug/ml
17) T Bnezo[k]fluoranthene ...	16.106	6927985	40.280 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	6067666	41.787 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	6402544	61.910 ug/ml
20) T Dibenz[a,h]anthracene...	17.849	6775438	48.147 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	6543097	51.397 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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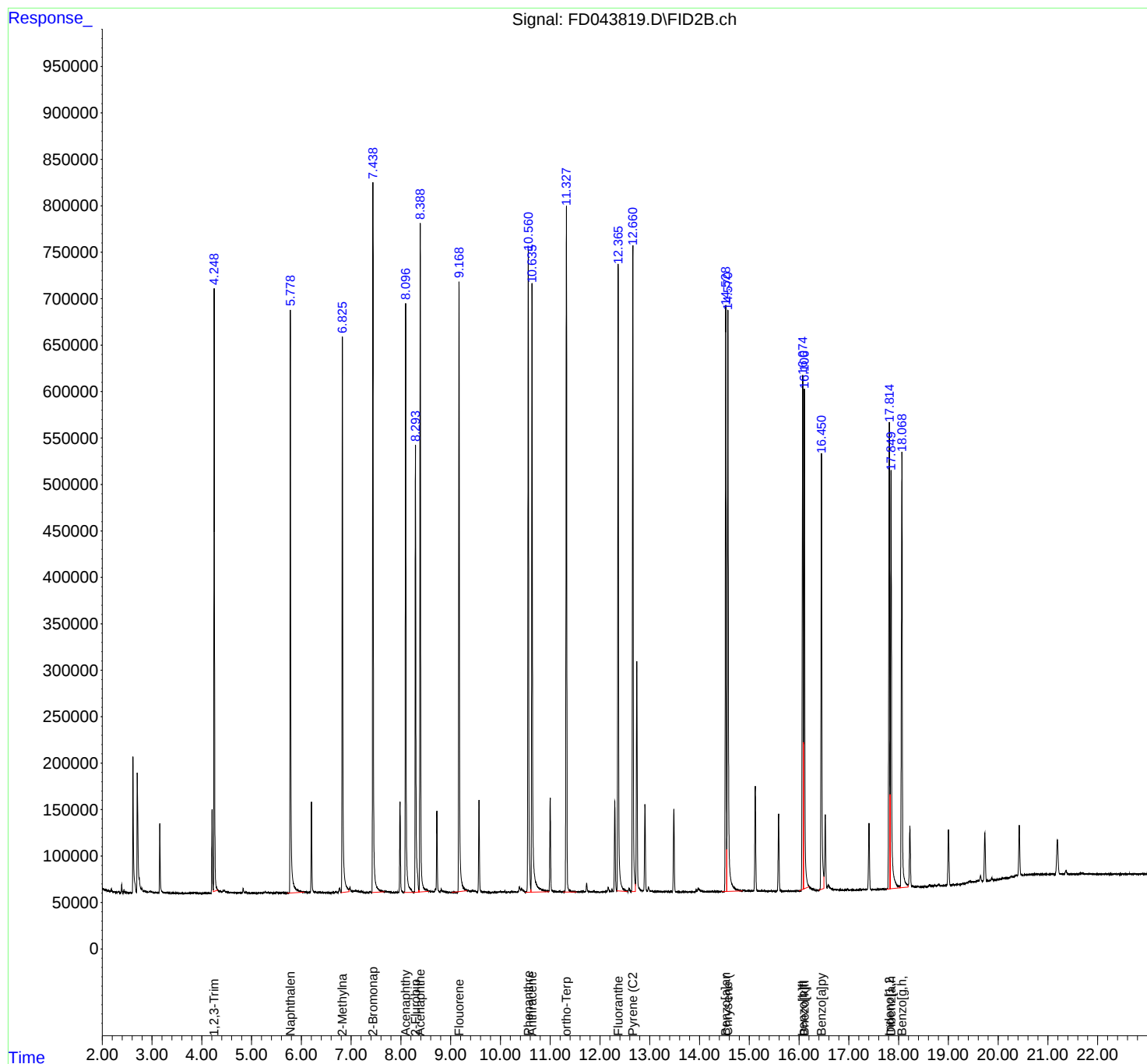
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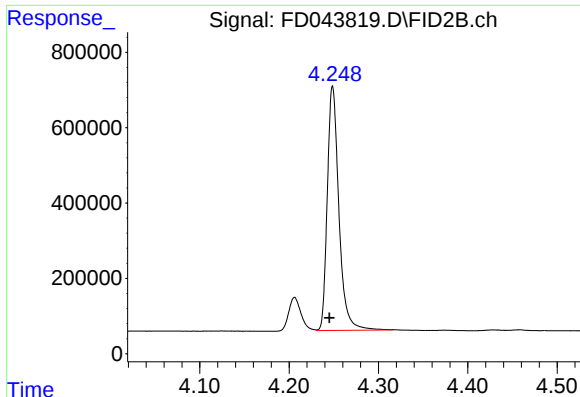
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.248 min
Delta R.T.: 0.003 min
Response: 5846303
Conc: 29.36 ug/ml

Instrument :

FID_D

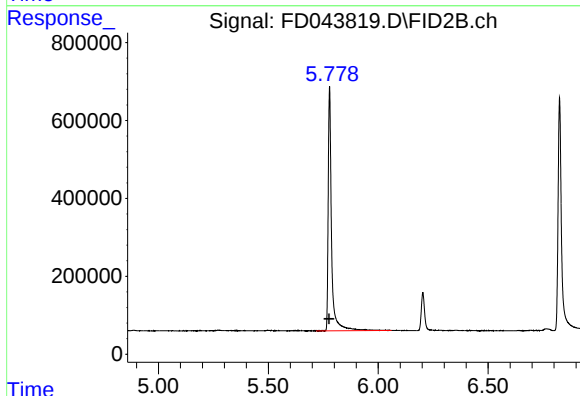
ClientSampleId :

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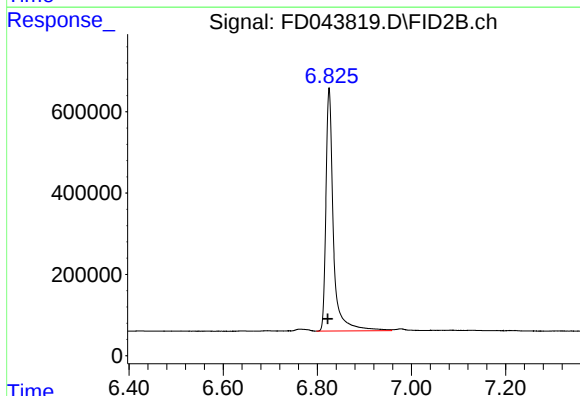
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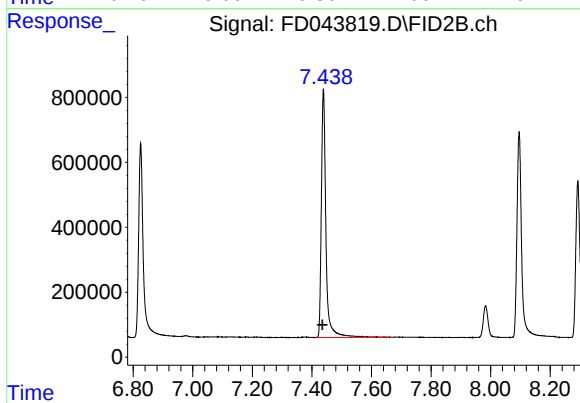
#2 Naphthalene (C11.7)

R.T.: 5.779 min
Delta R.T.: 0.003 min
Response: 6683521
Conc: 33.25 ug/ml



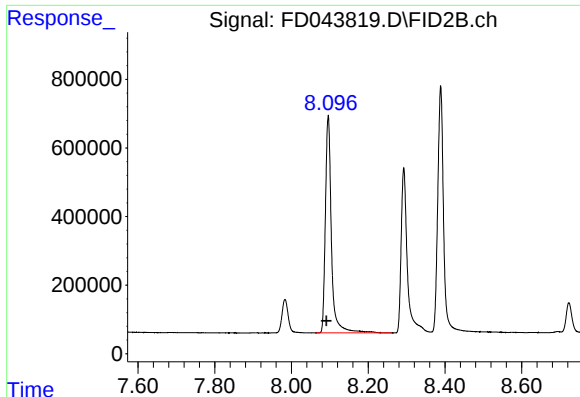
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.825 min
Delta R.T.: 0.003 min
Response: 6607064
Conc: 36.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: 0.003 min
Response: 8137299
Conc: 47.10 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.096 min
Delta R.T.: 0.005 min
Response: 6938025
Conc: 34.71 ug/ml

Instrument :

FID_D

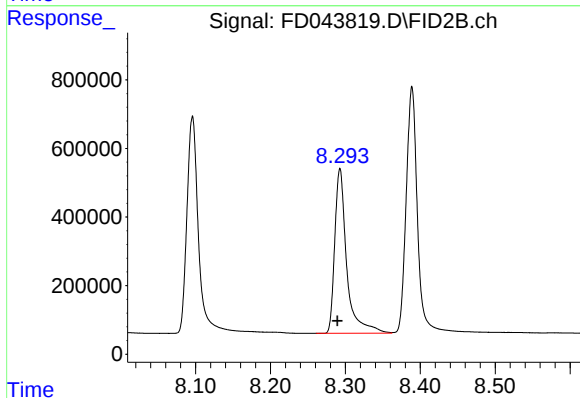
ClientSampleId :

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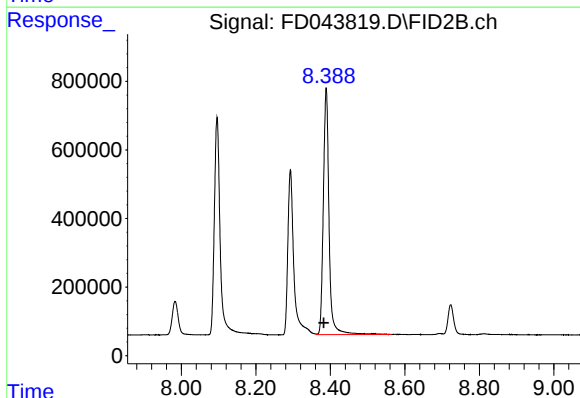
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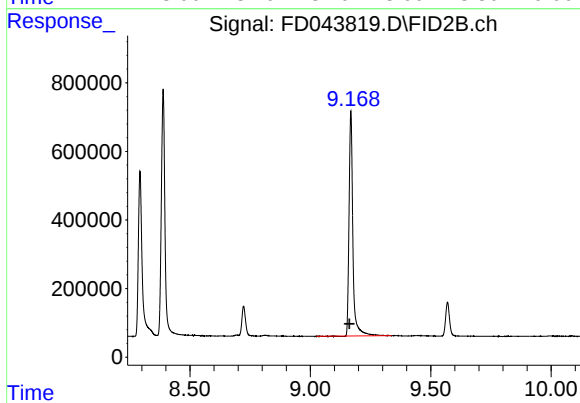
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.293 min
Delta R.T.: 0.003 min
Response: 5355809
Conc: 53.24 ug/ml



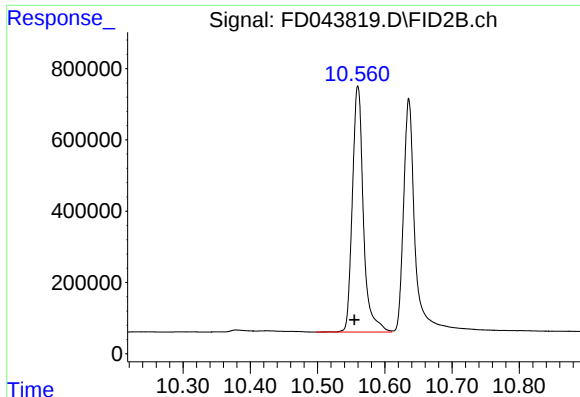
#7 Acenaphthene (C15.5)

R.T.: 8.389 min
Delta R.T.: 0.006 min
Response: 7631117
Conc: 35.50 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.168 min
Delta R.T.: 0.005 min
Response: 7311129
Conc: 38.14 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.560 min
Delta R.T.: 0.005 min
Response: 7873456
Conc: 43.78 ug/ml

Instrument :

FID_D

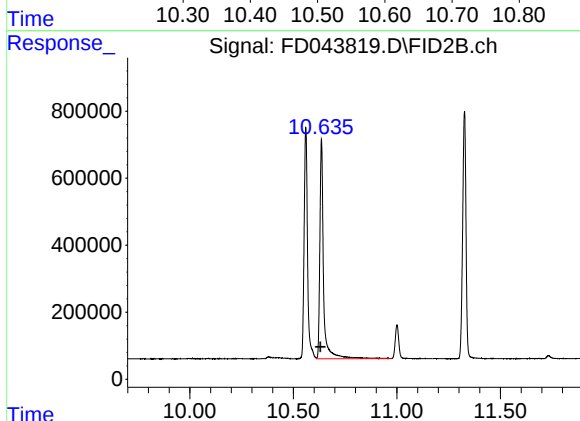
ClientSampleId :

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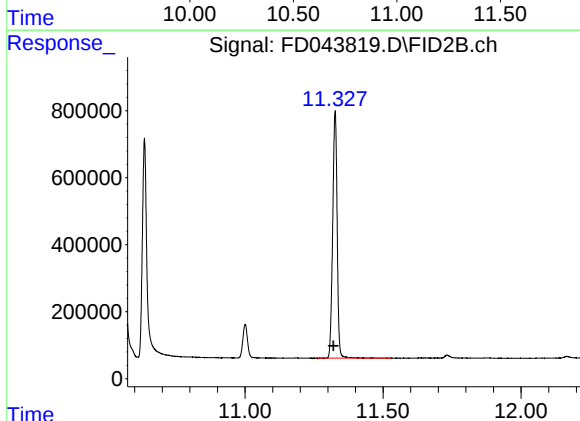
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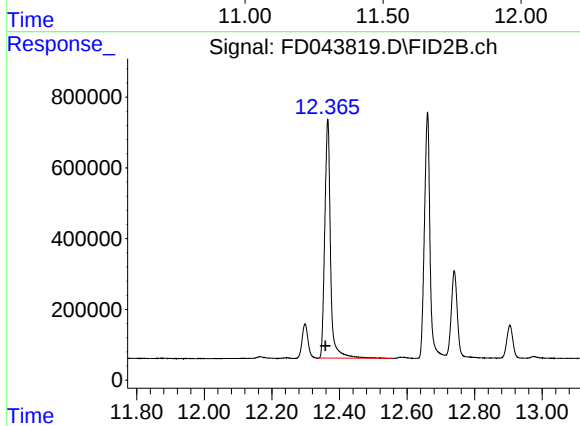
#10 Anthracene (C19.43)

R.T.: 10.636 min
Delta R.T.: 0.005 min
Response: 8173258
Conc: 42.02 ug/ml



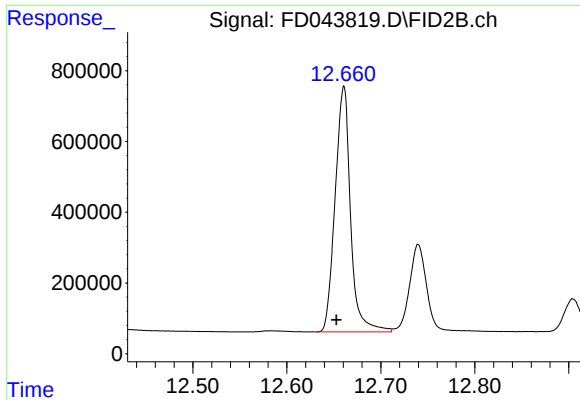
#11 ortho-Terphenyl (SURR)

R.T.: 11.326 min
Delta R.T.: 0.006 min
Response: 8311656
Conc: 39.73 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.365 min
Delta R.T.: 0.006 min
Response: 7970184
Conc: 43.70 ug/ml



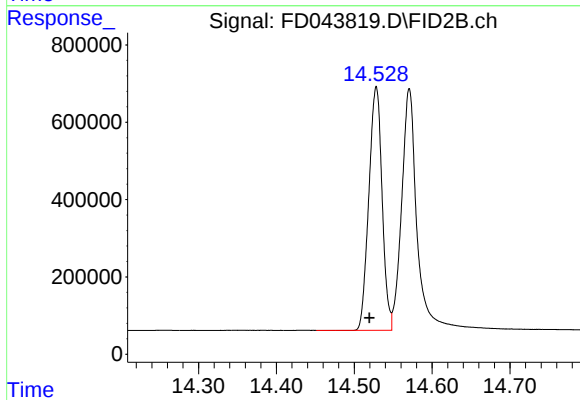
#13 Pyrene (C20.8)

R.T.: 12.660 min
Delta R.T.: 0.007 min
Response: 7921058
Conc: 42.43 ug/ml

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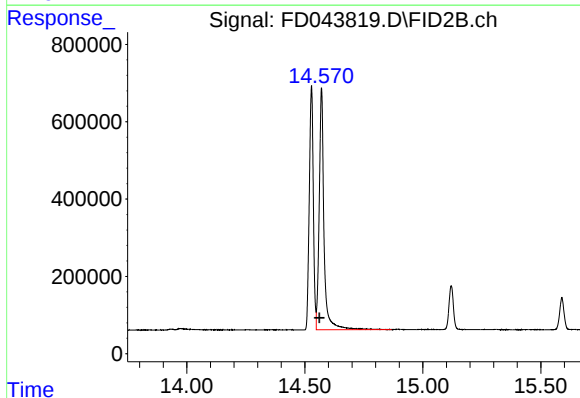
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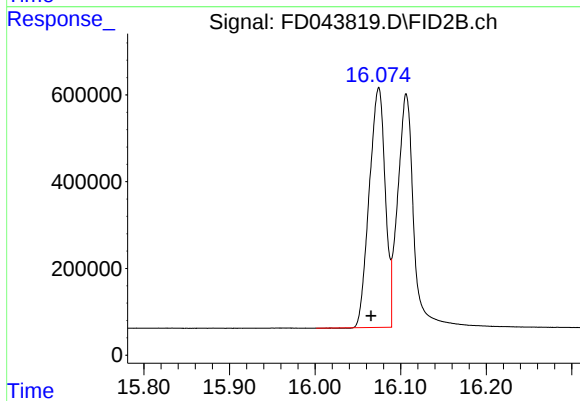
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.528 min
Delta R.T.: 0.009 min
Response: 7448084
Conc: 52.06 ug/ml



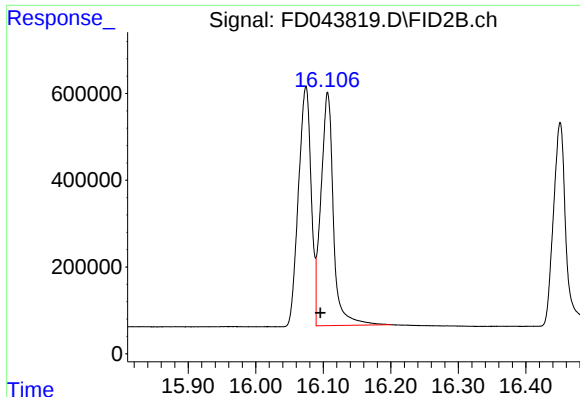
#15 Chrysene (C27.41)

R.T.: 14.571 min
Delta R.T.: 0.008 min
Response: 8846304
Conc: 45.83 ug/ml



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

R.T.: 16.074 min
Delta R.T.: 0.009 min
Response: 7161068
Conc: 49.63 ug/ml



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

R.T.: 16.106 min
Delta R.T.: 0.011 min
Response: 6927985
Conc: 40.28 ug/ml

Instrument :

FID_D

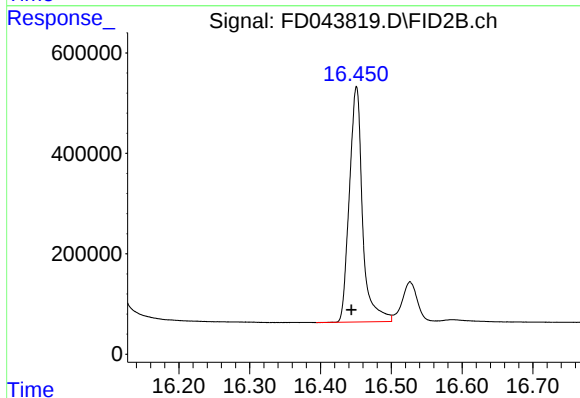
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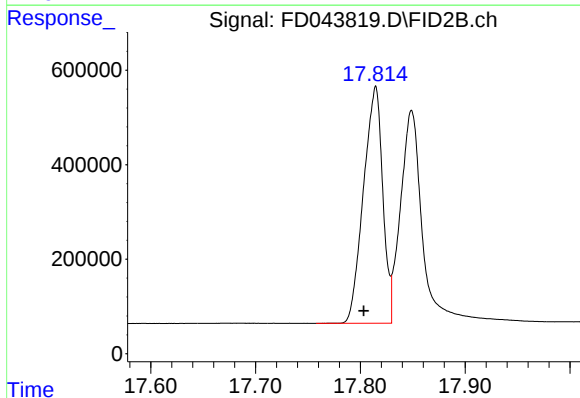
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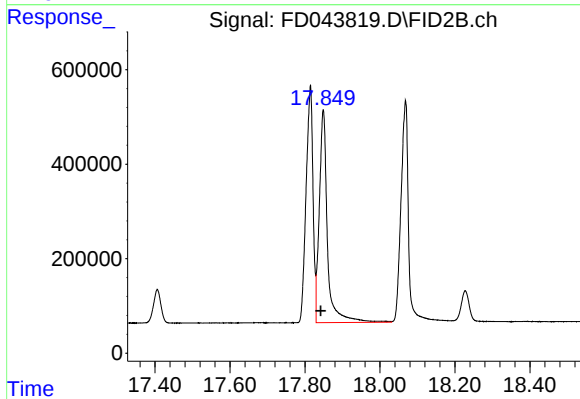
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: 0.007 min
Response: 6067666
Conc: 41.79 ug/ml



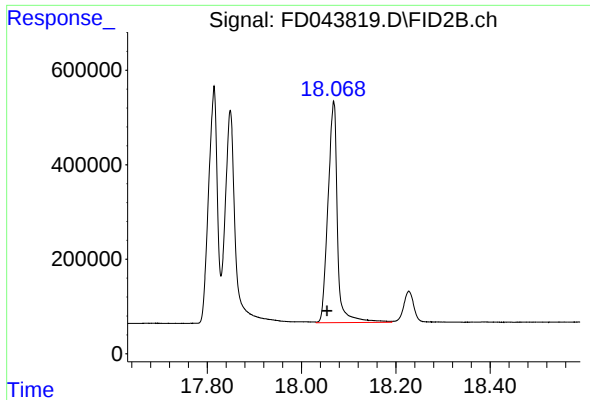
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min
Delta R.T.: 0.011 min
Response: 6402544
Conc: 61.91 ug/ml



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

R.T.: 17.849 min
Delta R.T.: 0.006 min
Response: 6775438
Conc: 48.15 ug/ml



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

R.T.: 18.067 min
Delta R.T.: 0.013 min
Response: 6543097
Conc: 51.40 ug/ml

Instrument :

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