

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AR\
 Data File : FD044310.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2022 21:40
 Operator : YP/AJ
 Sample : PB148563BSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB148563BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: sample.E
 Quant Time: Oct 29 06:43:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.411	6500756	52.359 ug/mlm
Spiked Amount 50.000		Recovery =	104.72%
6) S 2-Fluorobiphenyl (SURR)	8.267	4113043	54.623 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.25%
11) S ortho-Terphenyl (SURR)	11.294	6619102	39.106 ug/ml
Spiked Amount 50.000		Recovery =	78.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	4877813	34.558 ug/mlm
2) T Naphthalene (C11.7)	5.752	5441301	39.690 ug/ml
3) T 2-Methylnaphthalene (...)	6.798	5306998	37.436 ug/ml
5) T Acenaphthylene (C15.06)	8.067	5497749	39.190 ug/ml
7) T Acenaphthene (C15.5)	8.359	6421775	41.296 ug/ml
8) T Flouorene (C16.55)	9.140	5930983	42.159 ug/ml
9) T Phenanthrene (C19.36)	10.531	6130651	45.523 ug/ml
10) T Anthracene (C19.43)	10.608	6222018	46.305 ug/ml
12) T Fluoranthene (C21.85)	12.336	6118322	45.813 ug/ml
13) T Pyrene (C20.8)	12.630	5419137	42.903 ug/ml
14) T Benzo[a]anthracene (C...	14.500	5336463	50.241 ug/mlm
15) T Chrysene (C27.41)	14.542	6199263	47.291 ug/ml
16) T benzo[b]fluoranthene ...	16.048	5354498	47.712 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	5719779	44.957 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.425	4274354	36.785 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	4800664	45.031 ug/mlm
20) T Dibenz[a,h]anthracene...	17.823	5338870	43.154 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.043	5225350	44.510 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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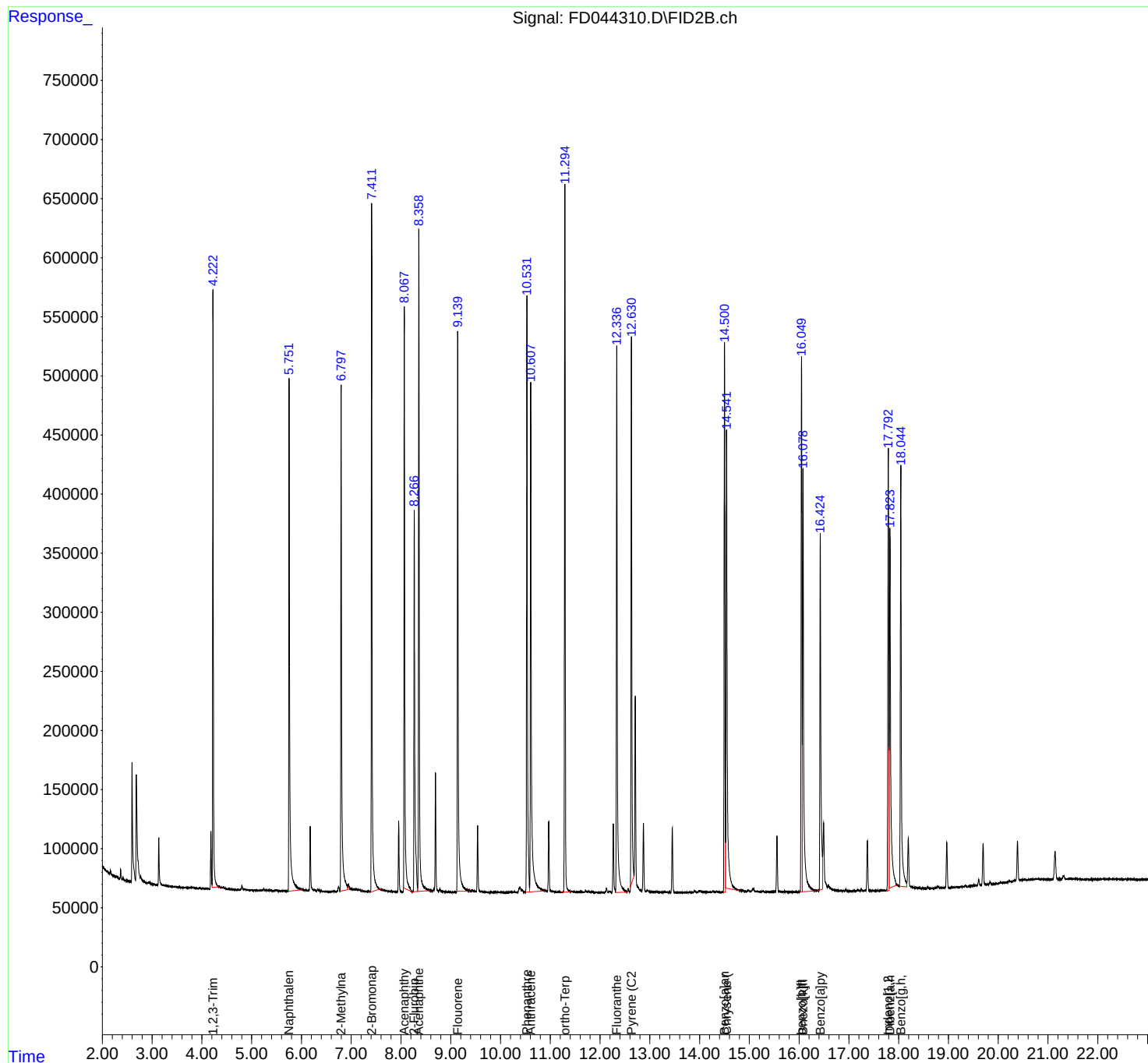
Instrument :
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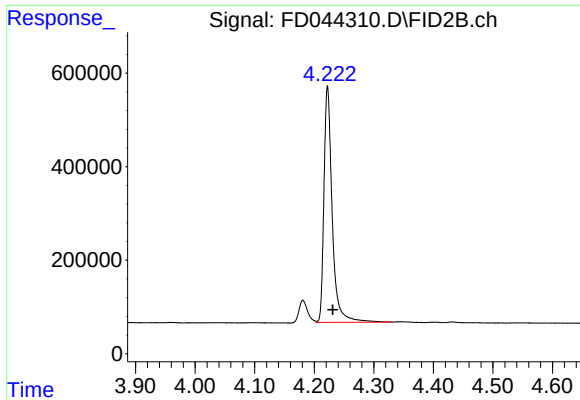
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.222 min
Delta R.T.: -0.009 min
Response: 4877813
Conc: 34.56 ug/ml

Instrument :

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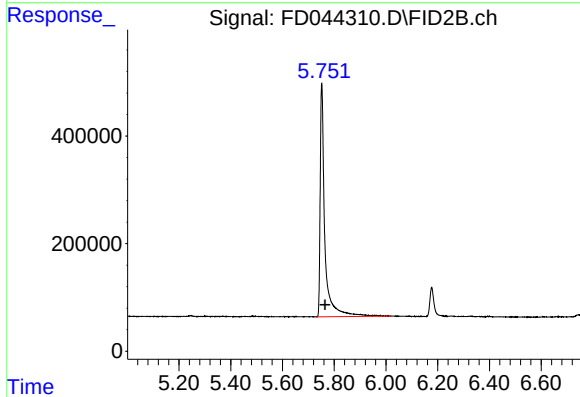
PB148563BSD

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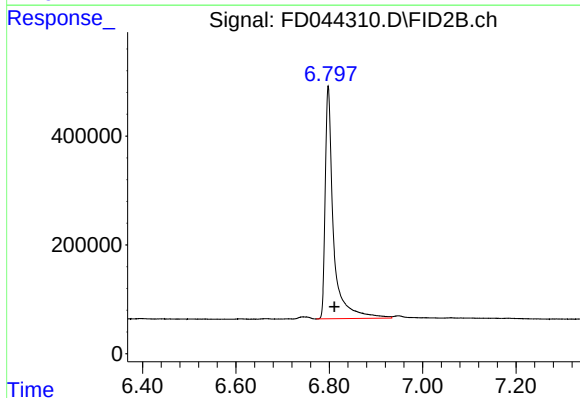
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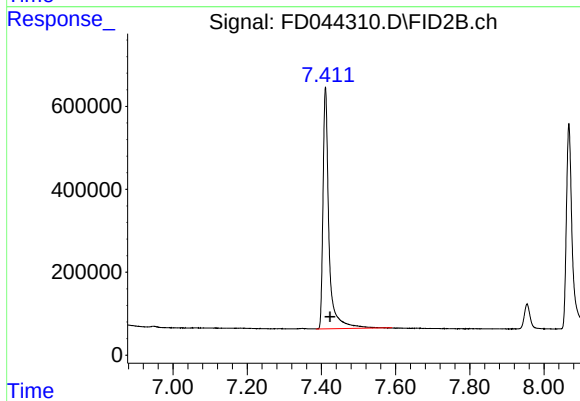
#2 Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.013 min
Response: 5441301
Conc: 39.69 ug/ml



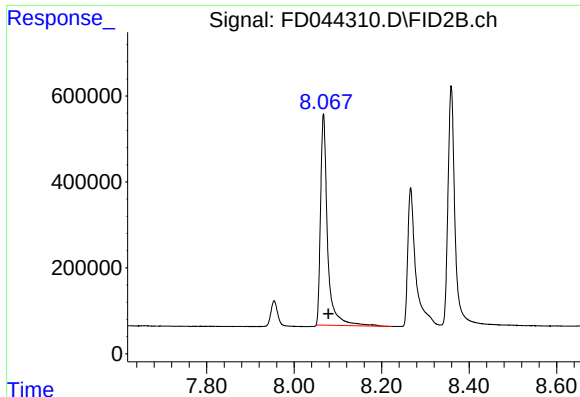
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.798 min
Delta R.T.: -0.013 min
Response: 5306998
Conc: 37.44 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.411 min
Delta R.T.: -0.013 min
Response: 6500756
Conc: 52.36 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 8.067 min
Delta R.T.: -0.011 min
Response: 5497749
Conc: 39.19 ug/ml

Instrument :

FID_D

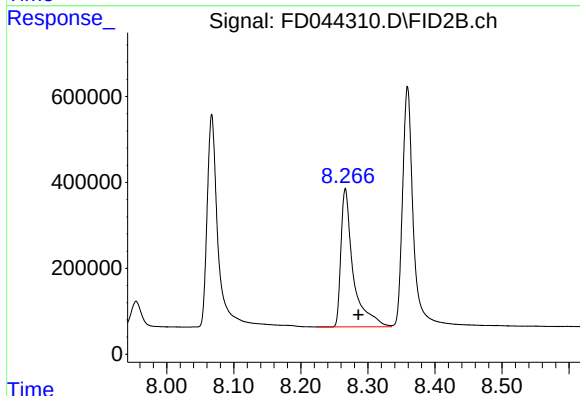
ClientSampleId :

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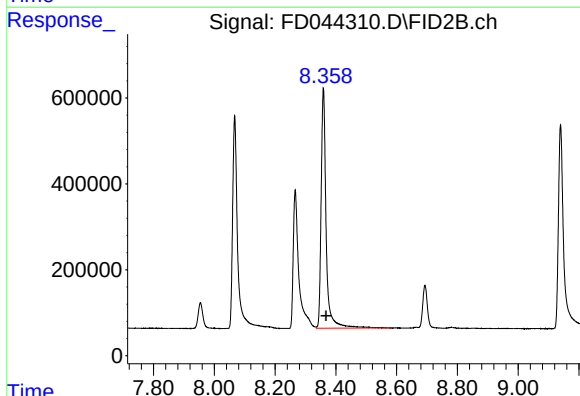
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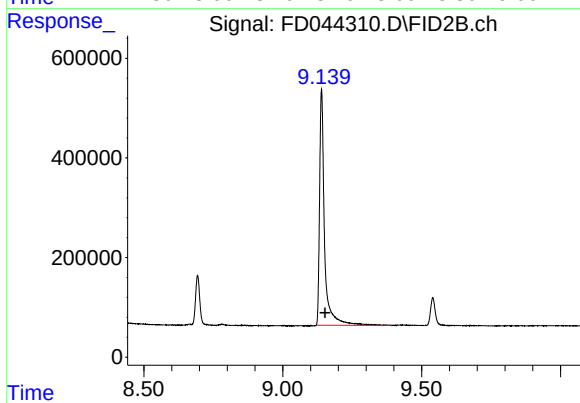
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.267 min
Delta R.T.: -0.019 min
Response: 4113043
Conc: 54.62 ug/ml



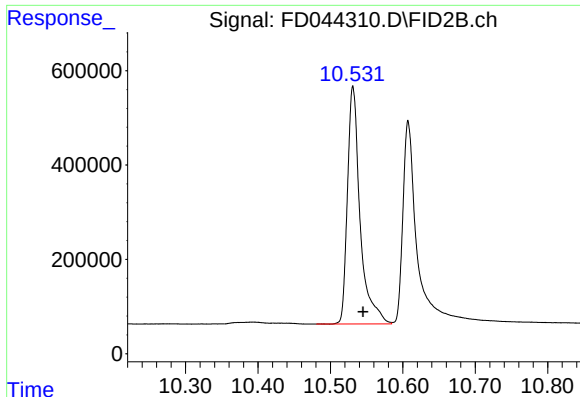
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 6421775
Conc: 41.30 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.140 min
Delta R.T.: -0.012 min
Response: 5930983
Conc: 42.16 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.531 min
Delta R.T.: -0.014 min
Response: 6130651
Conc: 45.52 ug/ml

Instrument :

FID_D

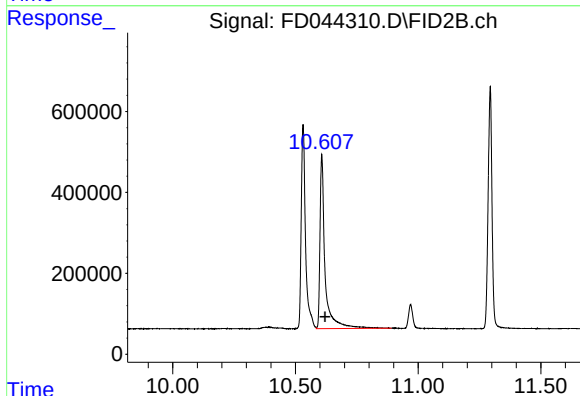
ClientSampleId :

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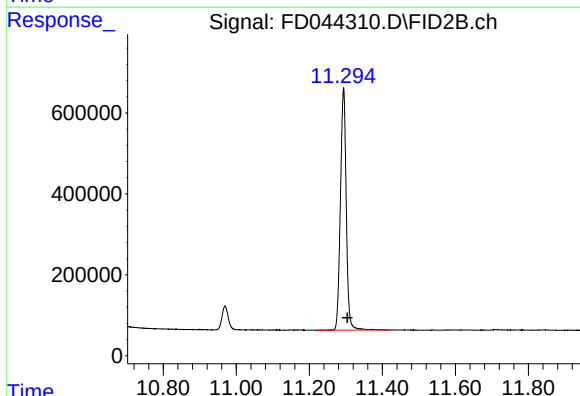
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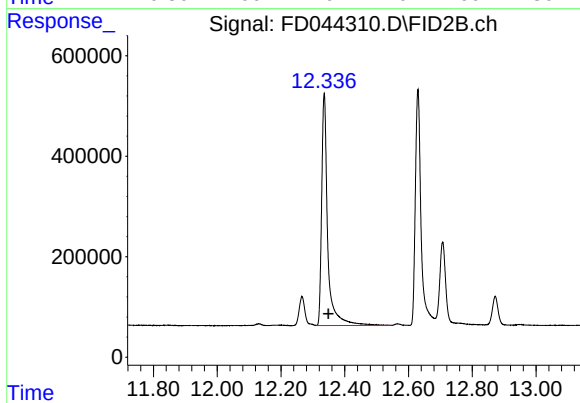
#10 Anthracene (C19.43)

R.T.: 10.608 min
Delta R.T.: -0.014 min
Response: 6222018
Conc: 46.31 ug/ml



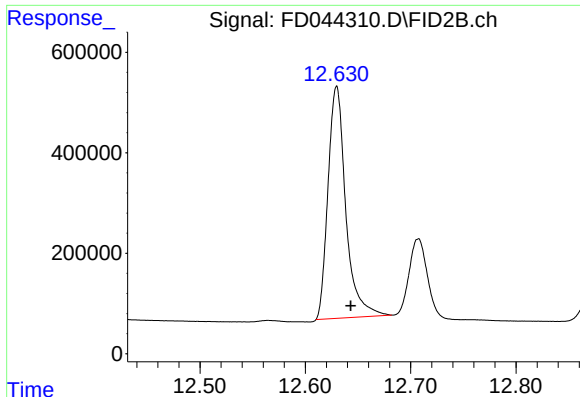
#11 ortho-Terphenyl (SURR)

R.T.: 11.294 min
Delta R.T.: -0.011 min
Response: 6619102
Conc: 39.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.336 min
Delta R.T.: -0.013 min
Response: 6118322
Conc: 45.81 ug/ml



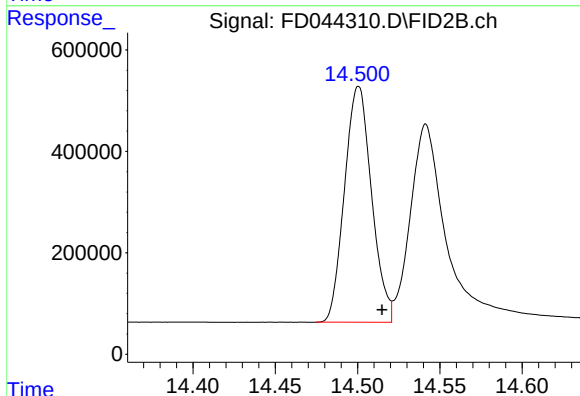
#13 Pyrene (C20.8)

R.T.: 12.630 min
Delta R.T.: -0.013 min
Response: 5419137
Conc: 42.90 ug/ml

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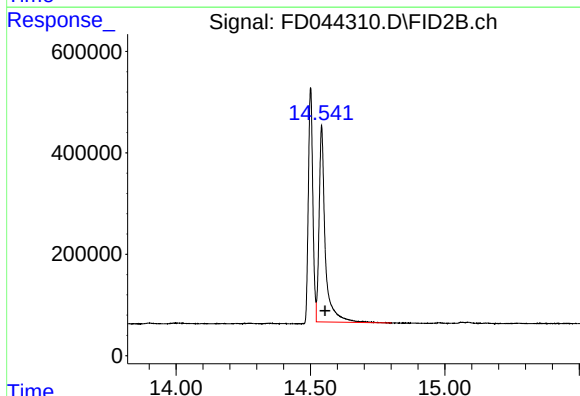
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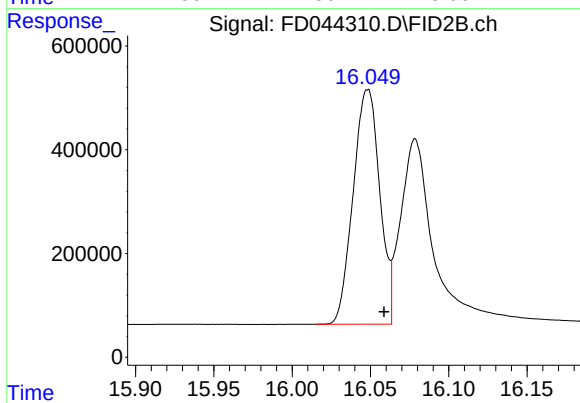
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.500 min
Delta R.T.: -0.015 min
Response: 5336463
Conc: 50.24 ug/ml m



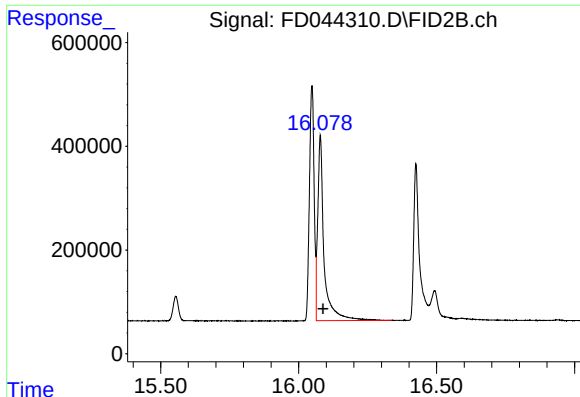
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: -0.013 min
Response: 6199263
Conc: 47.29 ug/ml



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

R.T.: 16.048 min
Delta R.T.: -0.011 min
Response: 5354498
Conc: 47.71 ug/ml



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

R.T.: 16.079 min
Delta R.T.: -0.010 min
Response: 5719779
Conc: 44.96 ug/ml

Instrument :

FID_D

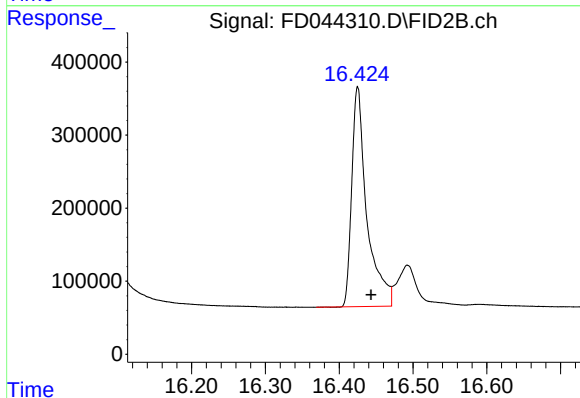
ClientSampleId :

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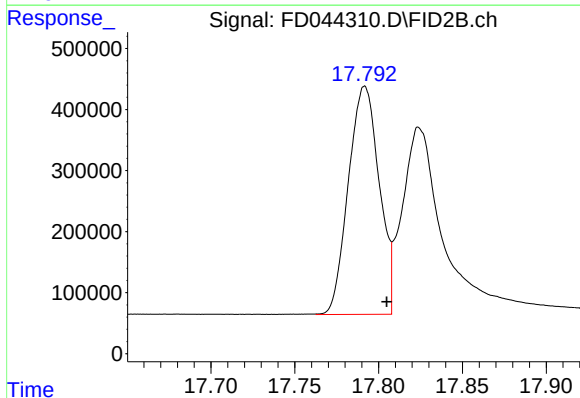
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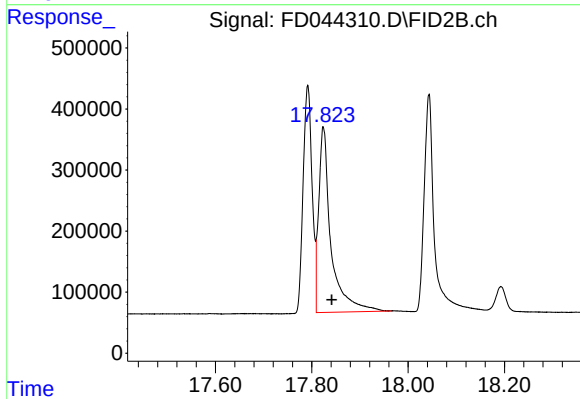
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.425 min
Delta R.T.: -0.018 min
Response: 4274354
Conc: 36.78 ug/ml



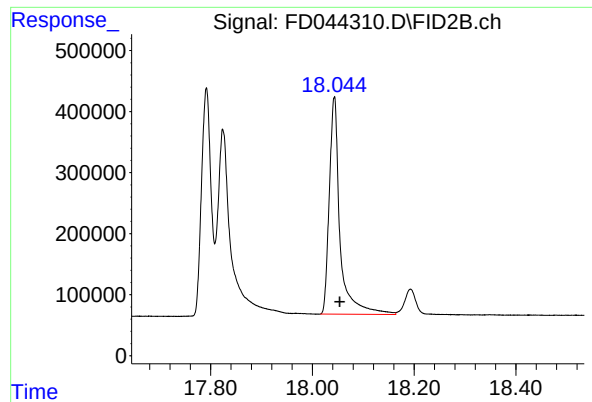
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.792 min
Delta R.T.: -0.013 min
Response: 4800664
Conc: 45.03 ug/ml m



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

R.T.: 17.823 min
Delta R.T.: -0.019 min
Response: 5338870
Conc: 43.15 ug/ml m



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

R.T.: 18.043 min
Delta R.T.: -0.011 min
Response: 5225350
Conc: 44.51 ug/ml

Instrument :

FID_D

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