

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AR\
 Data File : FD043130.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2022 18:19
 Operator : YP/AJ
 Sample : PB145960BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145960BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2022
 Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
 Quant Time: Jul 01 04:03:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.630	6024550	39.017 ug/ml
Spiked Amount 50.000		Recovery =	78.03%
6) S 2-Fluorobiphenyl (SURR)	8.493	4083898	38.719 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.44%
11) S ortho-Terphenyl (SURR)	11.537	5847196	32.172 ug/ml
Spiked Amount 50.000		Recovery =	64.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	4377159	26.062 ug/ml
2) T Naphthalene (C11.7)	5.964	4858774	27.753 ug/ml
3) T 2-Methylnaphthalene (...)	7.018	5042383	31.350 ug/ml
5) T Acenaphthylene (C15.06)	8.295	4965020	27.933 ug/ml
7) T Acenaphthene (C15.5)	8.592	5319799	30.379 ug/ml
8) T Flouorene (C16.55)	9.373	5464747	31.526 ug/ml
9) T Phenanthrene (C19.36)	10.771	5616687	32.748 ug/ml
10) T Anthracene (C19.43)	10.847	5606882	33.002 ug/ml
12) T Fluoranthene (C21.85)	12.584	5711303	34.054 ug/ml
13) T Pyrene (C20.8)	12.882	5605043	34.393 ug/mlm
14) T Benzo[a]anthracene (C...	14.754	5308101	34.180 ug/ml
15) T Chrysene (C27.41)	14.797	6320409	40.046 ug/ml
16) T benzo[b]fluoranthene ...	16.305	5148447	33.774 ug/ml
17) T Bnezo[k]fluoranthene ...	16.339	5120106	34.983 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	4611317	32.239 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.050	5005934	40.004 ug/ml
20) T Dibenz[a,h]anthracene...	18.089	4863473	36.176 ug/ml
21) T Benzo[g,h,i]perylene ...	18.306	4813173	36.902 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB145960BSD
Misc :
ALS Vial : 56 Sample Multiplier: 1

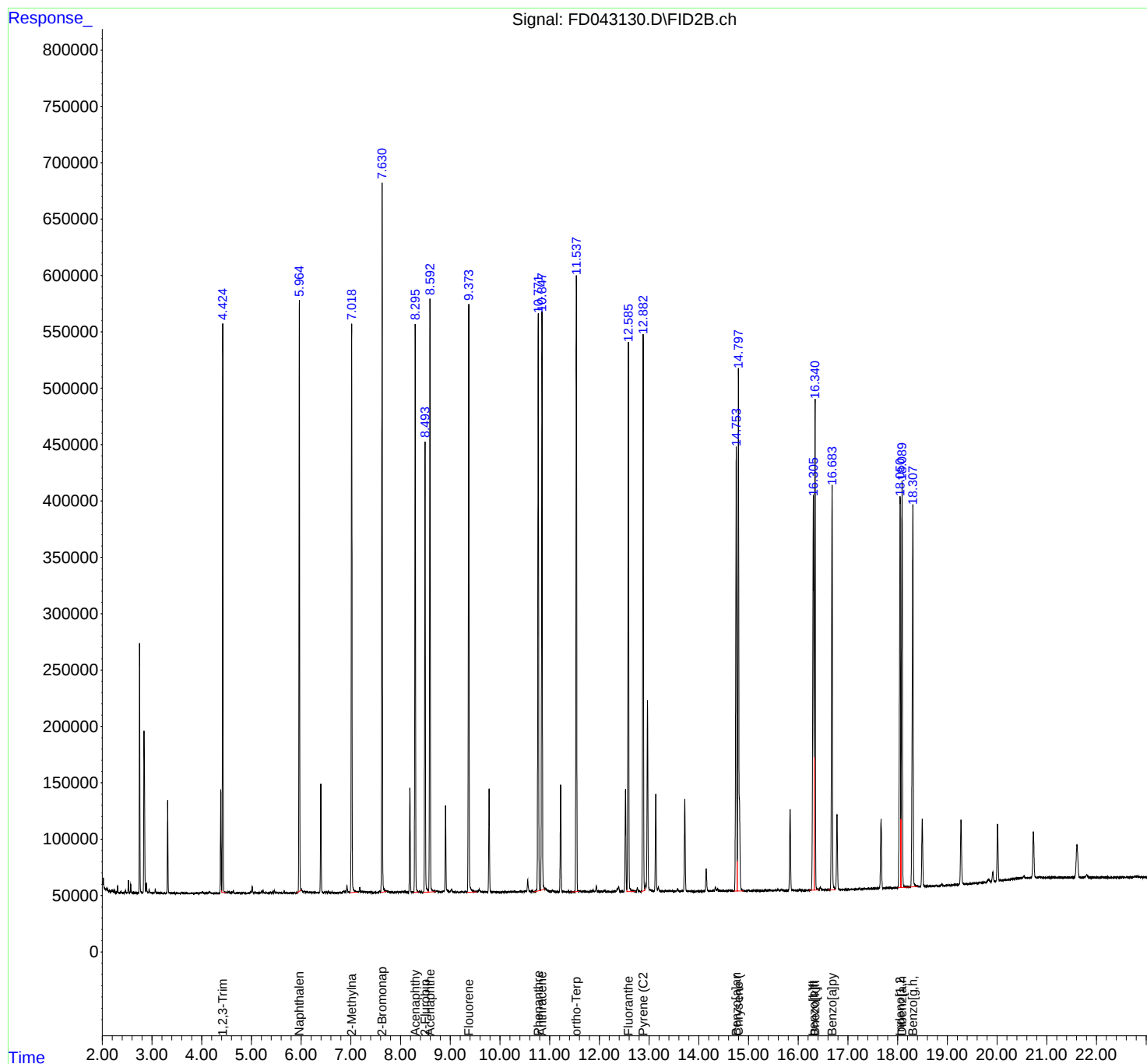
Instrument :
FID_D
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PB145960BSD

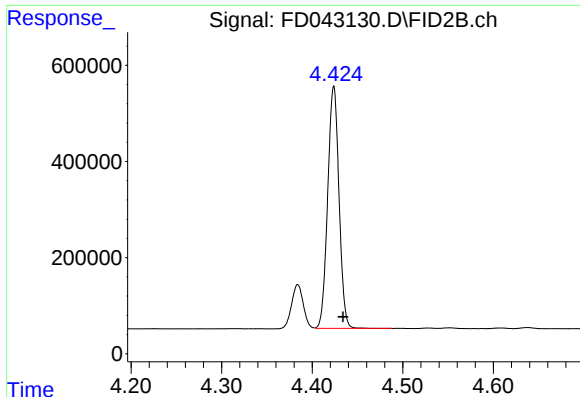
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 4377159
Conc: 26.06 ug/ml

Instrument :

FID_D

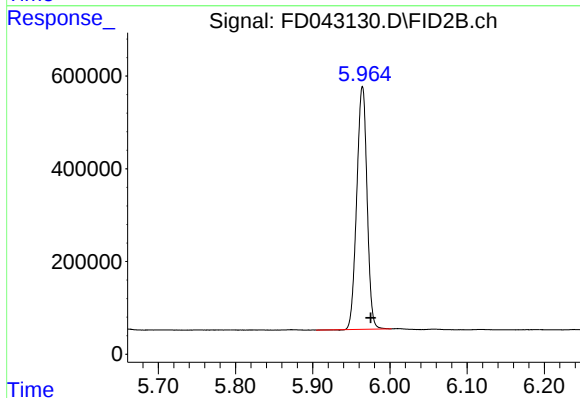
ClientSampleId :

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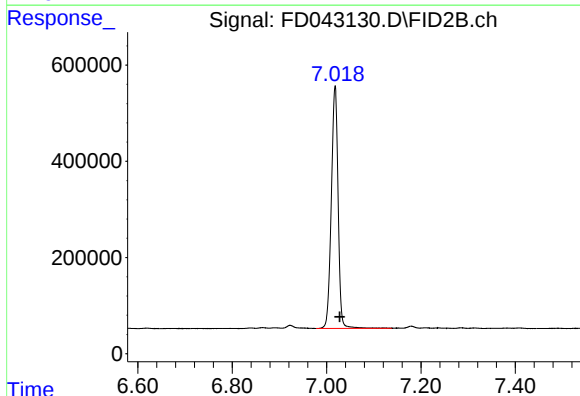
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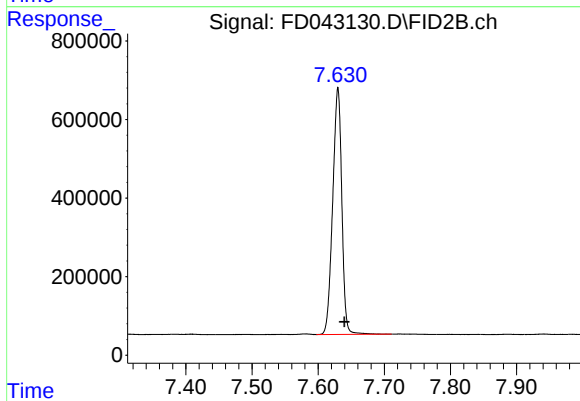
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.011 min
Response: 4858774
Conc: 27.75 ug/ml



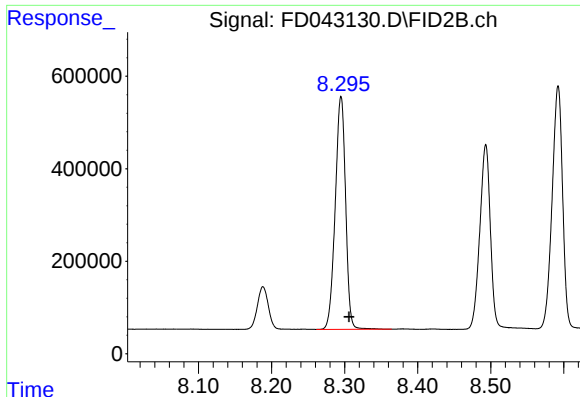
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.010 min
Response: 5042383
Conc: 31.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.630 min
Delta R.T.: -0.010 min
Response: 6024550
Conc: 39.02 ug/ml



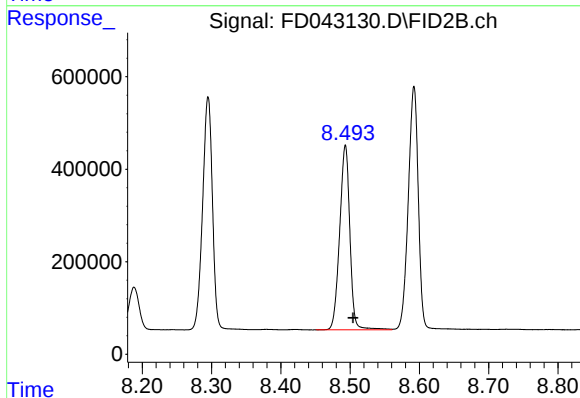
#5 Acenaphthylene (C15.06)

R.T.: 8.295 min
Delta R.T.: -0.011 min
Response: 4965020
Conc: 27.93 ug/ml

Instrument :
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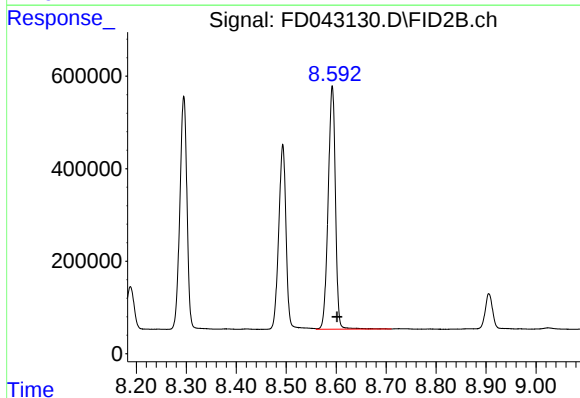
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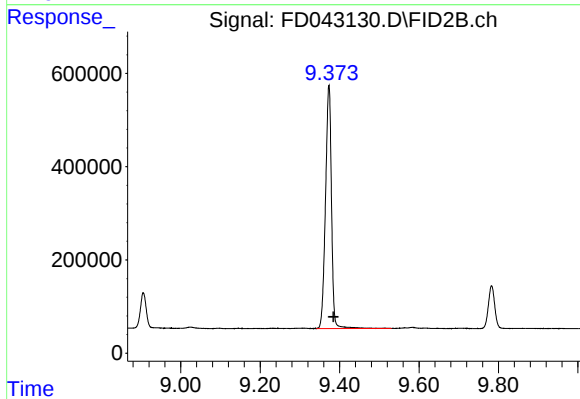
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.493 min
Delta R.T.: -0.011 min
Response: 4083898
Conc: 38.72 ug/ml



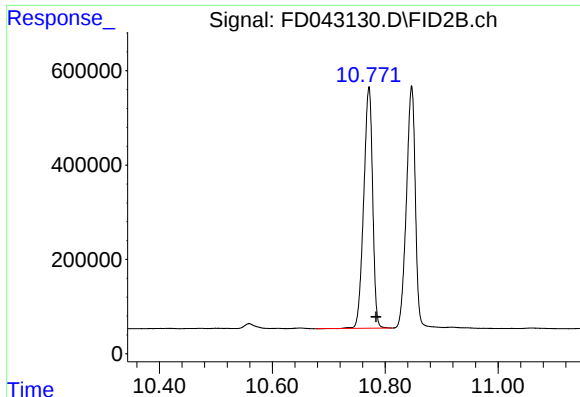
#7 Acenaphthene (C15.5)

R.T.: 8.592 min
Delta R.T.: -0.010 min
Response: 5319799
Conc: 30.38 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.373 min
Delta R.T.: -0.012 min
Response: 5464747
Conc: 31.53 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.771 min
Delta R.T.: -0.013 min
Response: 5616687
Conc: 32.75 ug/ml

Instrument :

FID_D

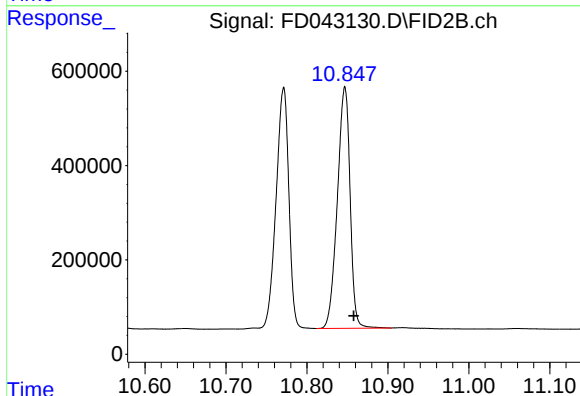
ClientSampleId :

PB145960BSD

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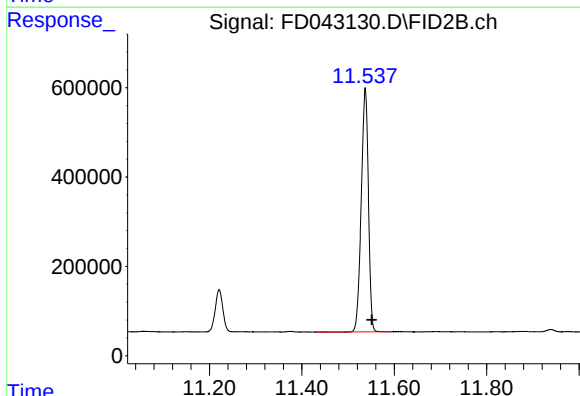
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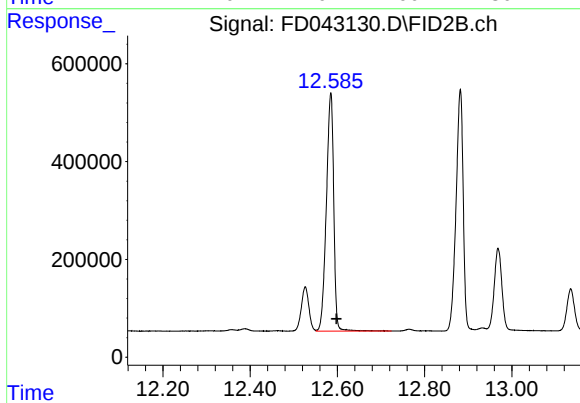
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.011 min
Response: 5606882
Conc: 33.00 ug/ml



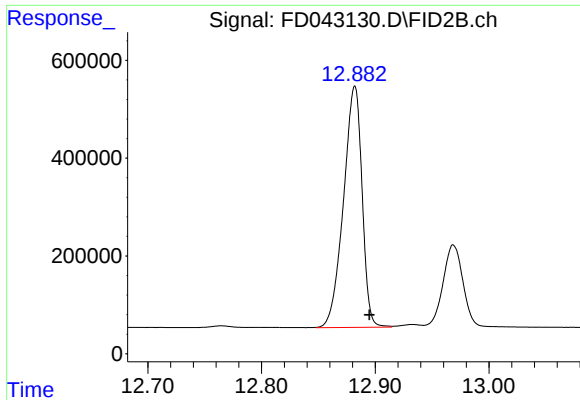
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.014 min
Response: 5847196
Conc: 32.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.584 min
Delta R.T.: -0.013 min
Response: 5711303
Conc: 34.05 ug/ml



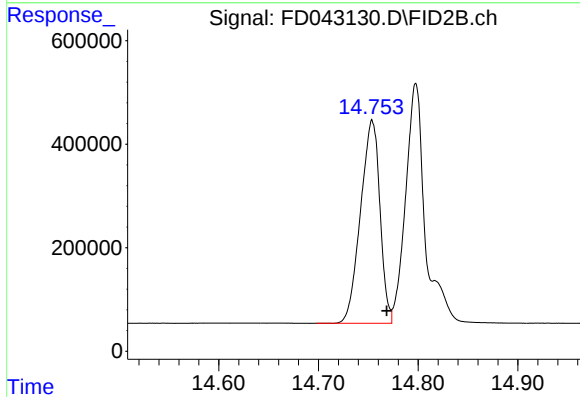
#13 Pyrene (C20.8)

R.T.: 12.882 min
Delta R.T.: -0.013 min
Response: 5605043
Conc: 34.39 ug/ml

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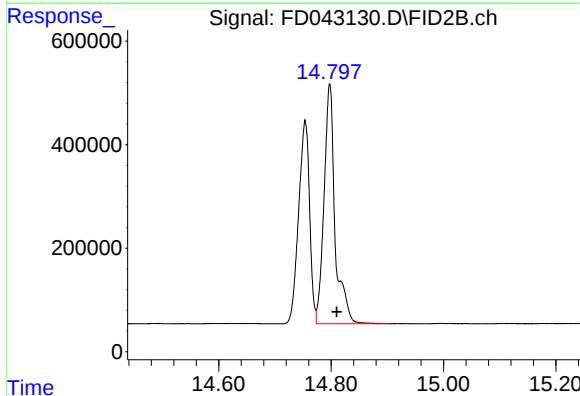
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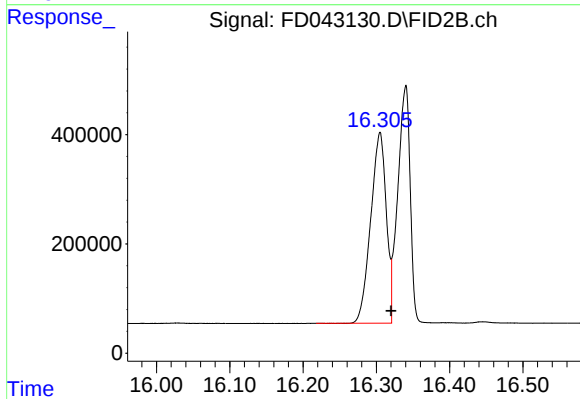
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: -0.015 min
Response: 5308101
Conc: 34.18 ug/ml



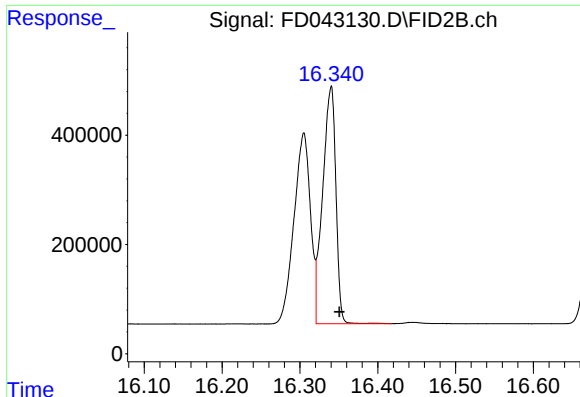
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.012 min
Response: 6320409
Conc: 40.05 ug/ml



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

R.T.: 16.305 min
Delta R.T.: -0.015 min
Response: 5148447
Conc: 33.77 ug/ml



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

R.T.: 16.339 min
Delta R.T.: -0.011 min
Response: 5120106
Conc: 34.98 ug/ml

Instrument :

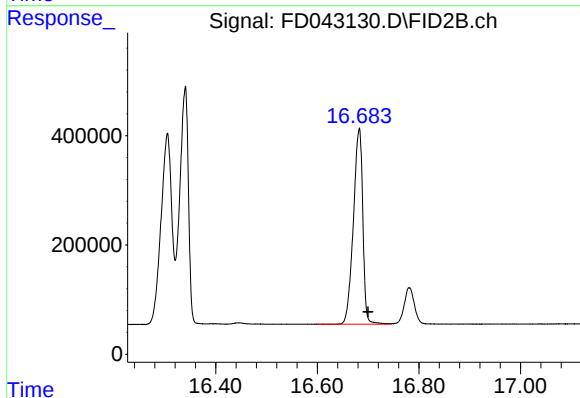
FID_D

ClientSampleId :

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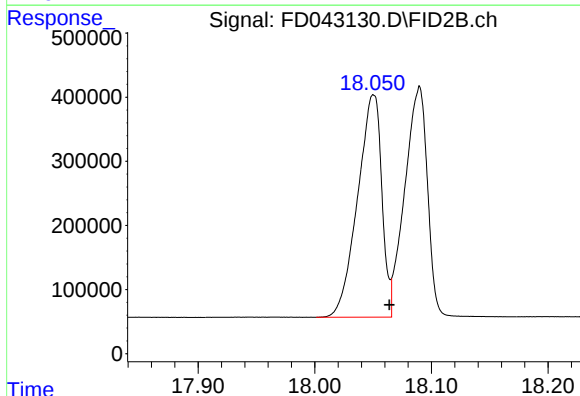
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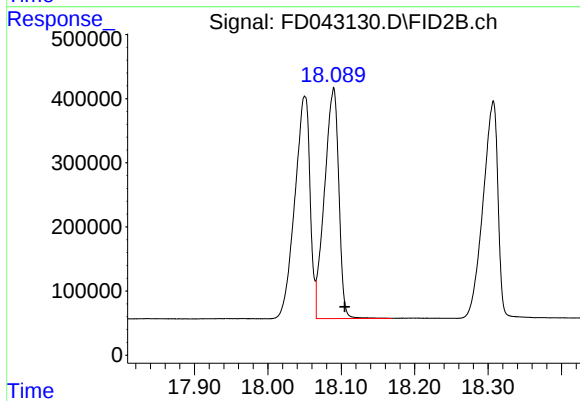
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
Delta R.T.: -0.018 min
Response: 4611317
Conc: 32.24 ug/ml



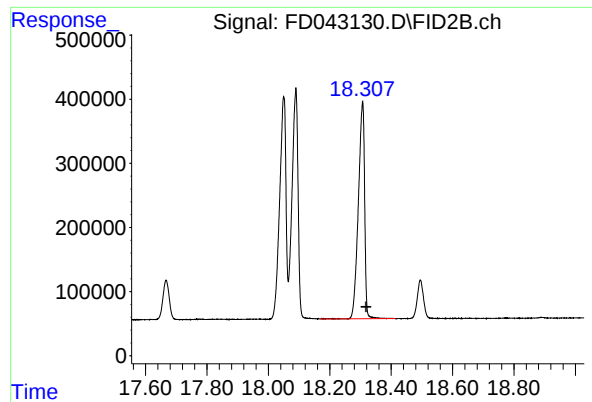
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.050 min
Delta R.T.: -0.014 min
Response: 5005934
Conc: 40.00 ug/ml



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

R.T.: 18.089 min
Delta R.T.: -0.016 min
Response: 4863473
Conc: 36.18 ug/ml



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

R.T.: 18.306 min
Delta R.T.: -0.012 min
Response: 4813173
Conc: 36.90 ug/ml

Instrument :

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