

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AR\
 Data File : FD043129.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2022 17:31
 Operator : YP/AJ
 Sample : PB145960BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB145960BS

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 04:03:10 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	5999152	38.852 ug/ml
Spiked Amount 50.000		Recovery =	77.70%
6) S 2-Fluorobiphenyl (SURR)	8.493	4082965	38.710 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.42%
11) S ortho-Terphenyl (SURR)	11.536	5859261	32.238 ug/ml
Spiked Amount 50.000		Recovery =	64.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	4349467	25.897 ug/ml
2) T Naphthalene (C11.7)	5.964	4915245	28.076 ug/ml
3) T 2-Methylnaphthalene (...)	7.018	5027221	31.255 ug/ml
5) T Acenaphthylene (C15.06)	8.295	4954074	27.871 ug/ml
7) T Acenaphthene (C15.5)	8.592	5344739	30.522 ug/ml
8) T Fluorene (C16.55)	9.373	5454016	31.464 ug/ml
9) T Phenanthrene (C19.36)	10.771	5624064	32.791 ug/ml
10) T Anthracene (C19.43)	10.846	5618455	33.070 ug/ml
12) T Fluoranthene (C21.85)	12.584	5721296	34.113 ug/ml
13) T Pyrene (C20.8)	12.882	5626346	34.524 ug/ml
14) T Benzo[a]anthracene (C...	14.754	5328084	34.309 ug/ml
15) T Chrysene (C27.41)	14.797	6351836	40.245 ug/ml
16) T benzo[b]fluoranthene ...	16.305	5177225	33.963 ug/ml
17) T Bnezo[k]fluoranthene ...	16.339	5132149	35.065 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.682	4622900	32.320 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.050	5007246	40.014 ug/ml
20) T Dibenz[a,h]anthracene...	18.088	4858457	36.139 ug/ml
21) T Benzo[g,h,i]perylene ...	18.306	4807390	36.858 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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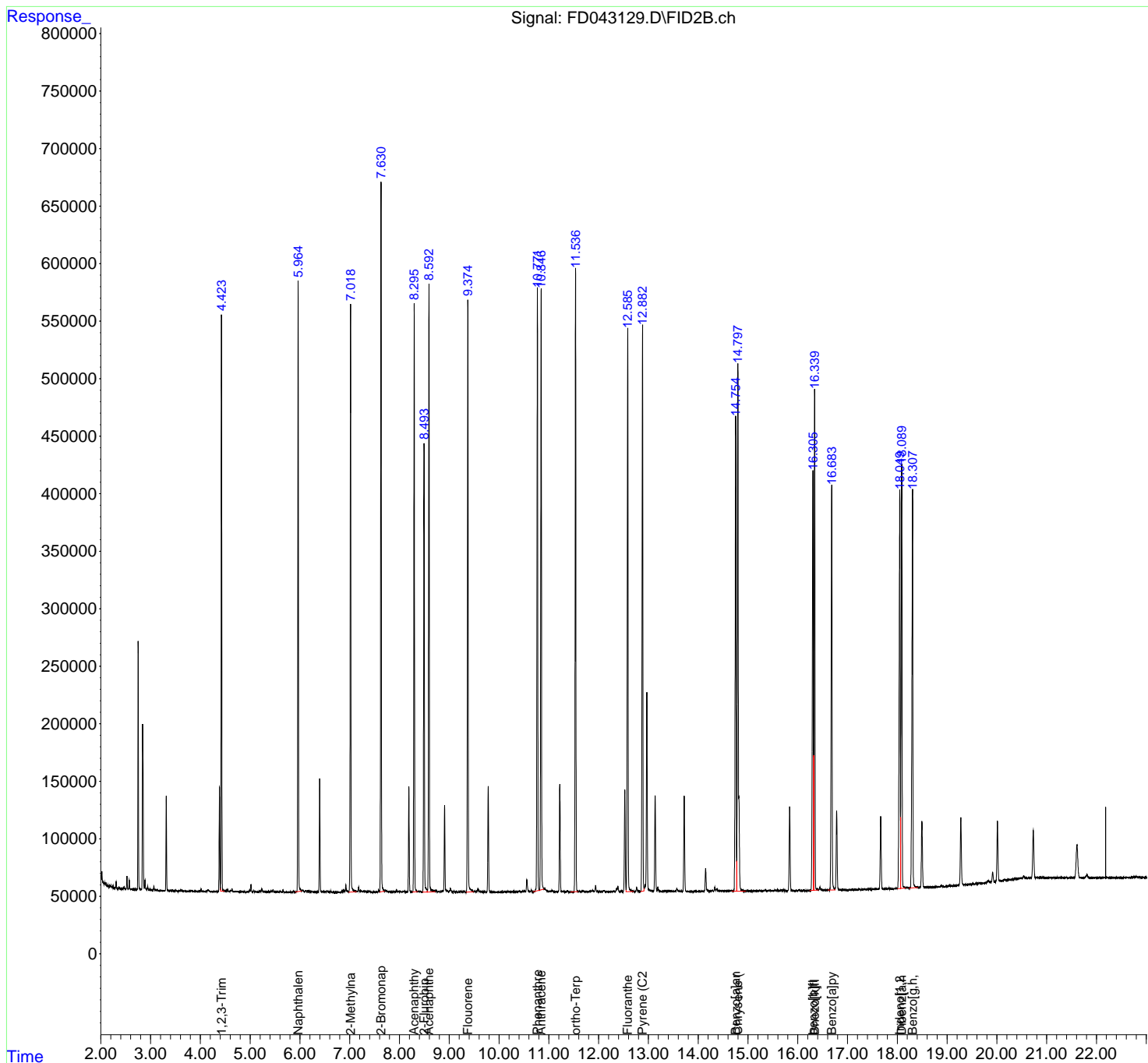
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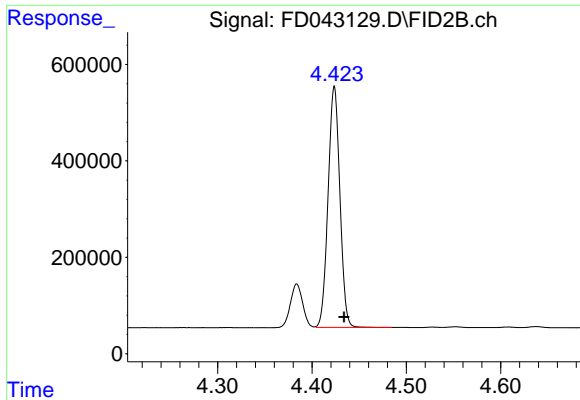
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.424 min
 Delta R.T.: -0.010 min
 Response: 4349467
 Conc: 25.90 ug/ml

Instrument :

FID_D

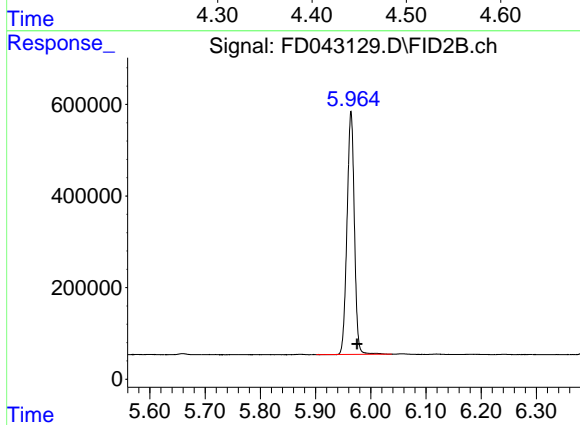
ClientSampleId :

PB145960BS

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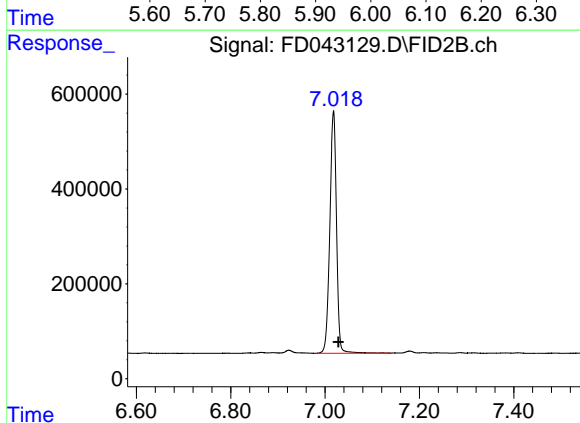
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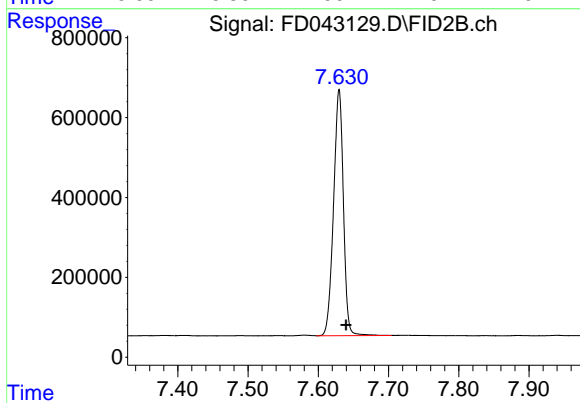
#2 Naphthalene (C11.7)

R.T.: 5.964 min
 Delta R.T.: -0.011 min
 Response: 4915245
 Conc: 28.08 ug/ml



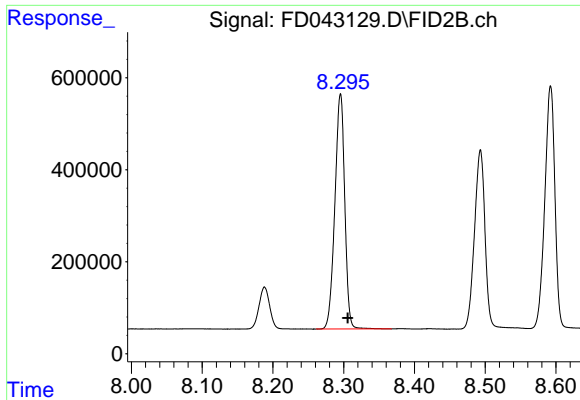
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min
 Delta R.T.: -0.010 min
 Response: 5027221
 Conc: 31.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.630 min
 Delta R.T.: -0.010 min
 Response: 5999152
 Conc: 38.85 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.295 min
 Delta R.T.: -0.011 min
 Response: 4954074
 Conc: 27.87 ug/ml

Instrument :

FID_D

ClientSampleId :

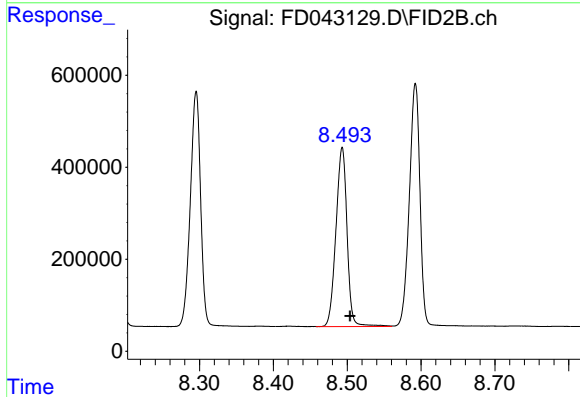
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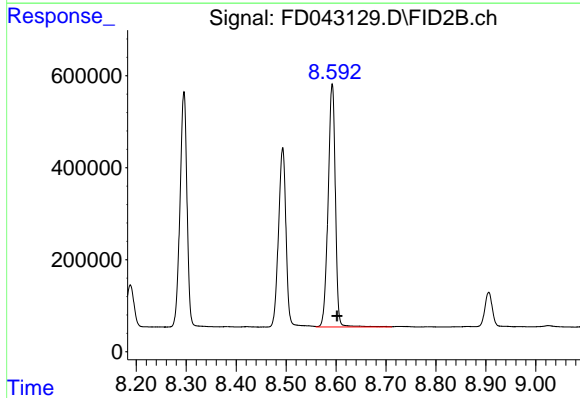
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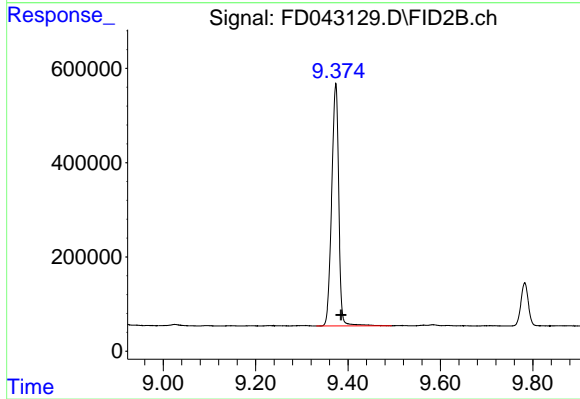
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.493 min
 Delta R.T.: -0.011 min
 Response: 4082965
 Conc: 38.71 ug/ml



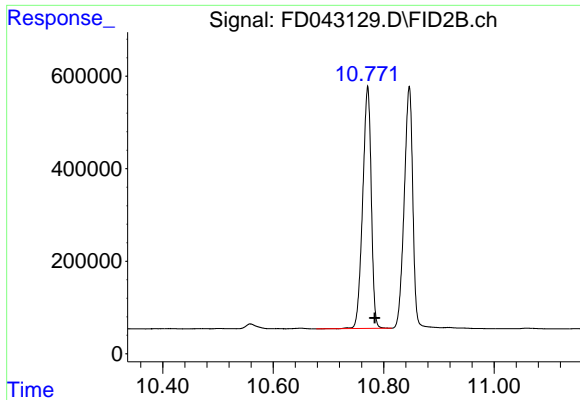
#7 Acenaphthene (C15.5)

R.T.: 8.592 min
 Delta R.T.: -0.010 min
 Response: 5344739
 Conc: 30.52 ug/ml



#8 Fluorene (C16.55)

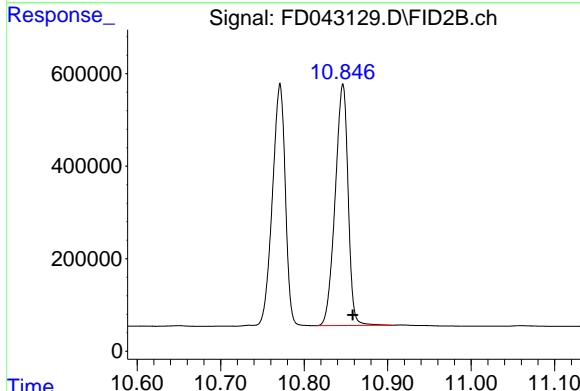
R.T.: 9.373 min
 Delta R.T.: -0.011 min
 Response: 5454016
 Conc: 31.46 ug/ml



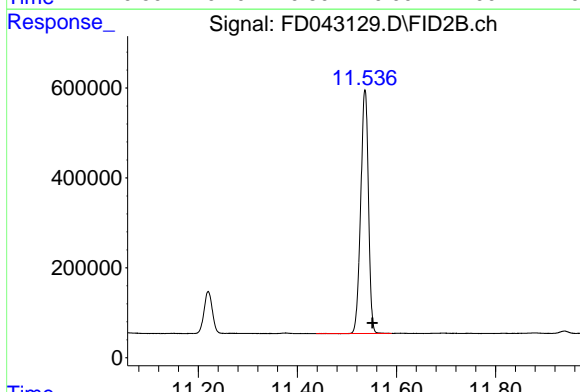
#9 Phenanthrene (C19.36)
 R.T.: 10.771 min
 Delta R.T.: -0.013 min
 Response: 5624064
 Conc: 32.79 ug/ml

Instrument : FID_D
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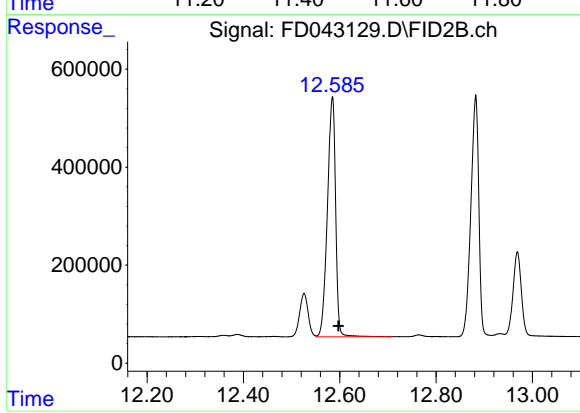
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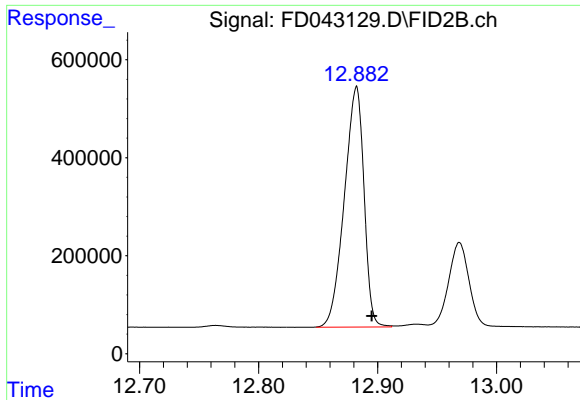
#10 Anthracene (C19.43)
 R.T.: 10.846 min
 Delta R.T.: -0.012 min
 Response: 5618455
 Conc: 33.07 ug/ml



#11 ortho-Terphenyl (SURR)
 R.T.: 11.536 min
 Delta R.T.: -0.015 min
 Response: 5859261
 Conc: 32.24 ug/ml



#12 Fluoranthene (C21.85)
 R.T.: 12.584 min
 Delta R.T.: -0.013 min
 Response: 5721296
 Conc: 34.11 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.882 min
 Delta R.T.: -0.013 min
 Response: 5626346
 Conc: 34.52 ug/ml

Instrument :

FID_D

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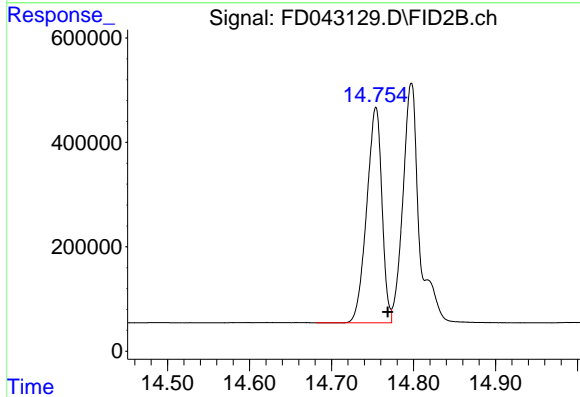
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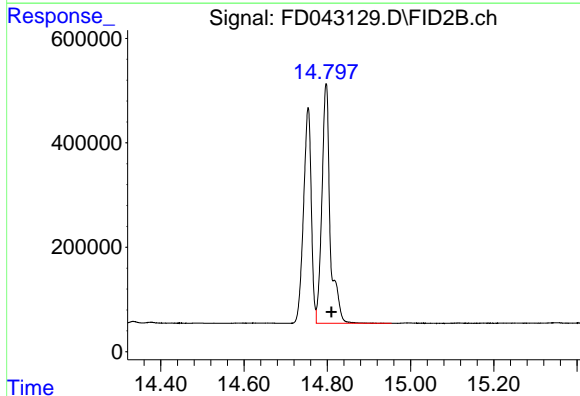
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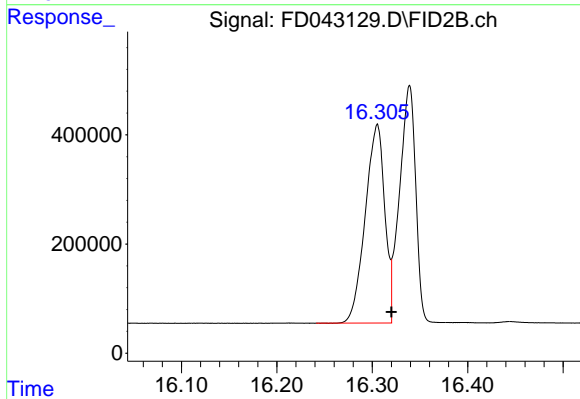
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
 Delta R.T.: -0.015 min
 Response: 5328084
 Conc: 34.31 ug/ml



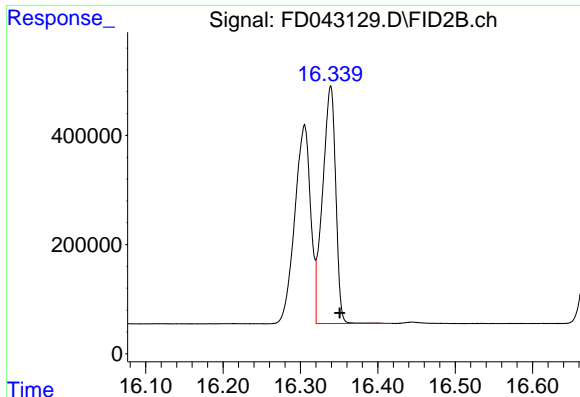
#15 Chrysene (C27.41)

R.T.: 14.797 min
 Delta R.T.: -0.013 min
 Response: 6351836
 Conc: 40.24 ug/ml



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

R.T.: 16.305 min
 Delta R.T.: -0.015 min
 Response: 5177225
 Conc: 33.96 ug/ml



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

R.T.: 16.339 min
 Delta R.T.: -0.012 min
 Response: 5132149
 Conc: 35.07 ug/ml

Instrument :

FID_D

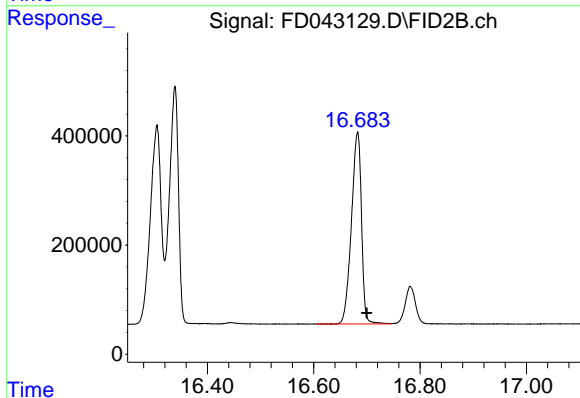
ClientSampleId :

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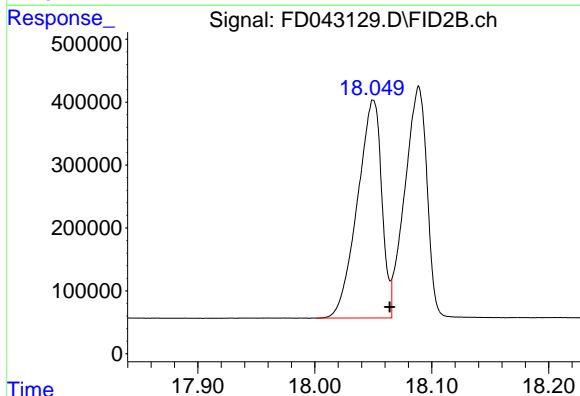
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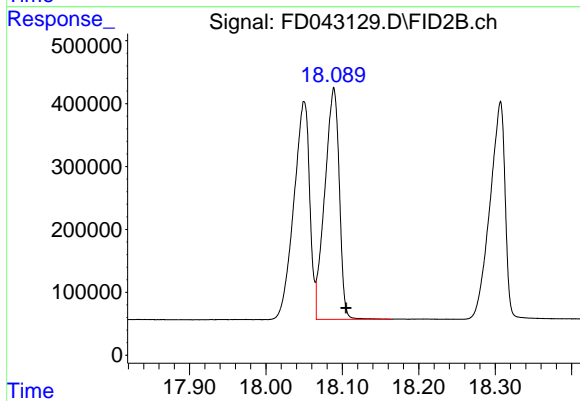
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.682 min
 Delta R.T.: -0.018 min
 Response: 4622900
 Conc: 32.32 ug/ml



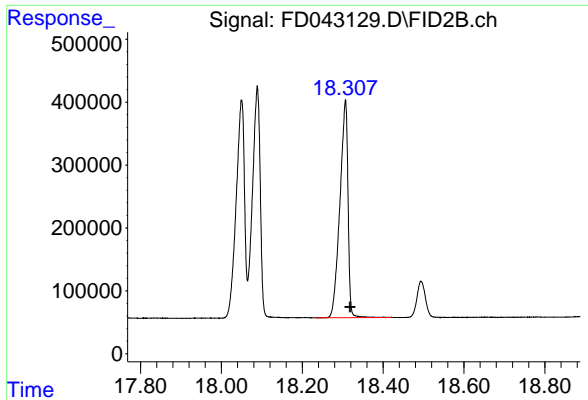
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.050 min
 Delta R.T.: -0.014 min
 Response: 5007246
 Conc: 40.01 ug/ml



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

R.T.: 18.088 min
 Delta R.T.: -0.016 min
 Response: 4858457
 Conc: 36.14 ug/ml



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

R.T.: 18.306 min
Delta R.T.: -0.012 min
Response: 4807390
Conc: 36.86 ug/ml

Instrument :

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