

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041824AR\
 Data File : FD047531.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2024 16:45
 Operator : YP/AJ
 Sample : PB160356BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB160356BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/19/2024

Supervised By :Ankita Jodhani 04/19/2024

Integration File: autoint1.e

Quant Time: Apr 19 04:33:21 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M

Quant Title : GC Extractables

QLast Update : Mon Apr 01 16:48:10 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...	7.463	7584734	50.734 ug/ml
Spiked Amount 50.000		Recovery =	101.47%
6) S 2-Fluorobiphenyl (SURR)	8.316	4997072	51.143 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.29%
11) S ortho-Terphenyl (SURR)	11.354	6900084	40.251 ug/ml
Spiked Amount 50.000		Recovery =	80.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	6616759	41.874 ug/ml
2) T Naphthalene (C11.7)	5.801	7516967	45.936 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7718371	46.925 ug/ml
5) T Acenaphthylene (C15.06)	8.120	8134689	53.894 ug/ml
7) T Acenaphthene (C15.5)	8.416	8102970	50.592 ug/ml
8) T Flouorene (C16.55)	9.194	8288990	53.581 ug/ml
9) T Phenanthrene (C19.36)	10.584	8236902	55.363 ug/ml
10) T Anthracene (C19.43)	10.660	8124087	59.733 ug/ml
12) T Fluoranthene (C21.85)	12.391	8153842	55.157 ug/ml
13) T Pyrene (C20.8)	12.685	8232328	57.042 ug/ml
14) T Benzo[a]anthracene (C...	14.552	7584452	57.671 ug/ml
15) T Chrysene (C27.41)	14.596	7503441	53.212 ug/ml
16) T benzo[b]fluoranthene ...	16.099	7724681	55.369 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	7432677	53.438 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.476	7408780	53.959 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	7704701	57.118 ug/ml
20) T Dibenz[a,h]anthracene...	17.879	6973587	51.888 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.095	7058261	50.856 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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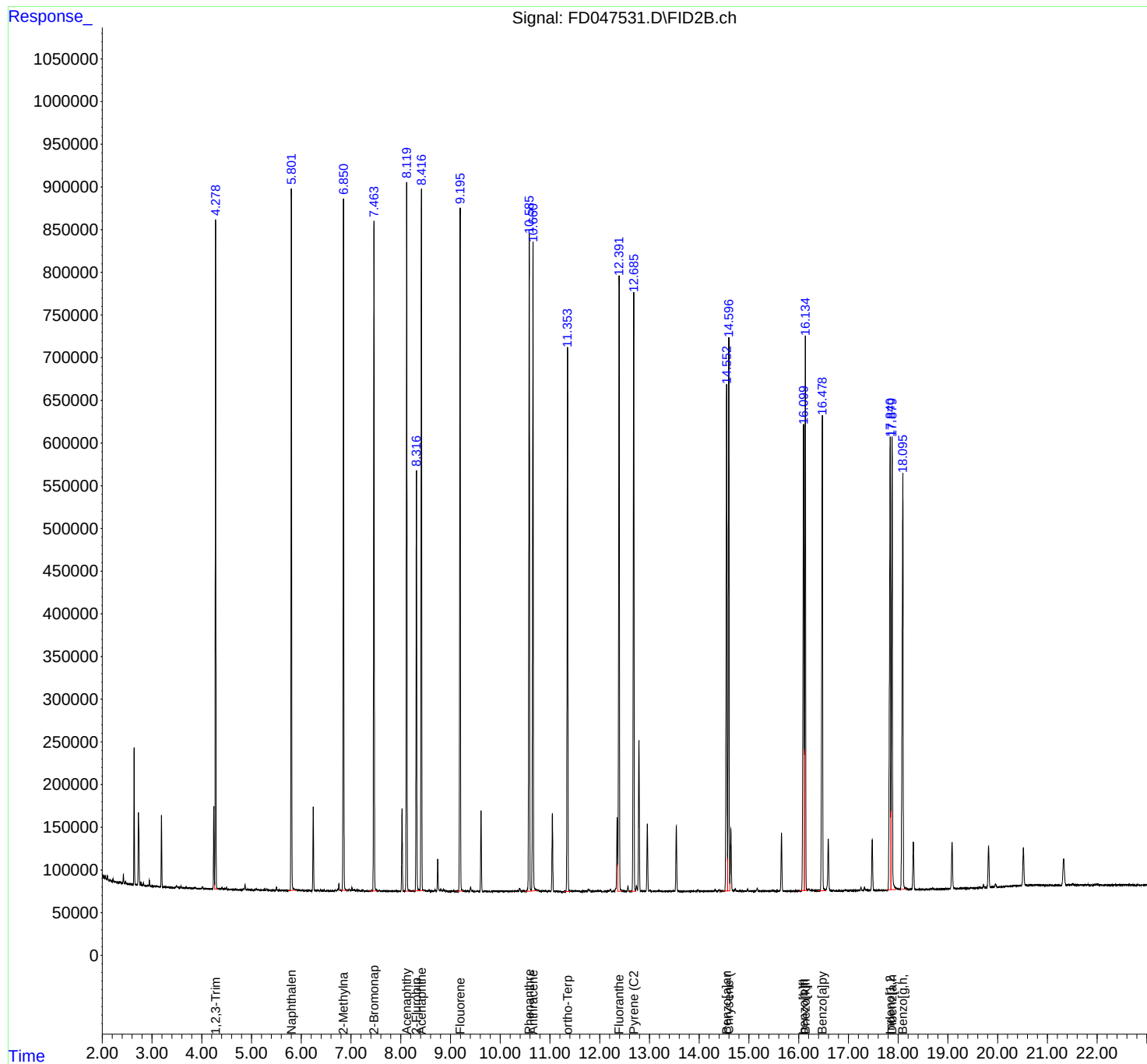
Response via : Initial Calibration

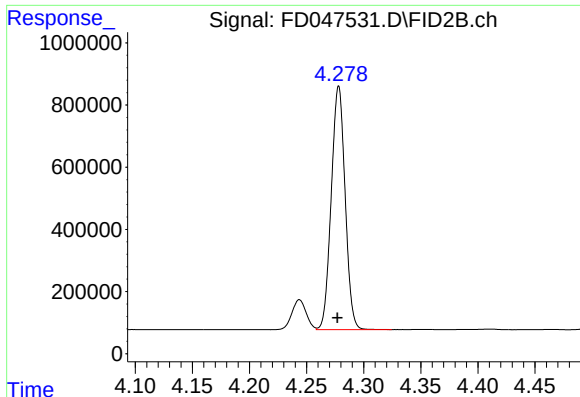
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





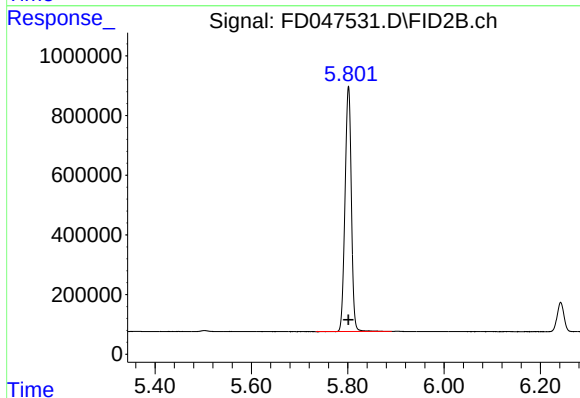
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.278 min
Delta R.T.: 0.001 min
Response: 6616759
Conc: 41.87 ug/ml

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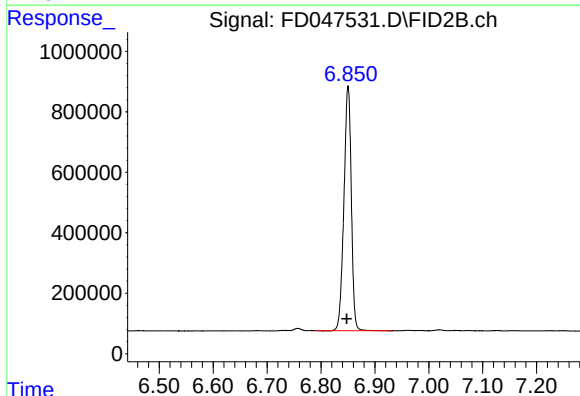
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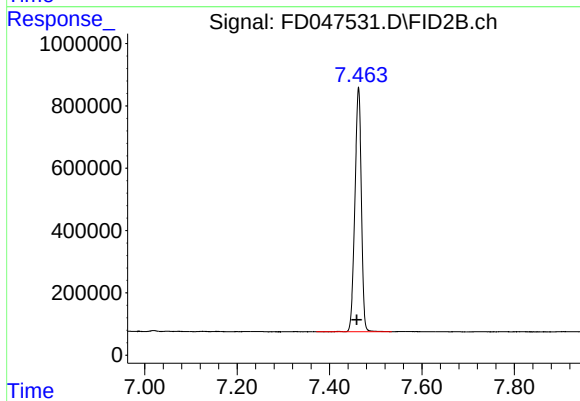
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 7516967
Conc: 45.94 ug/ml



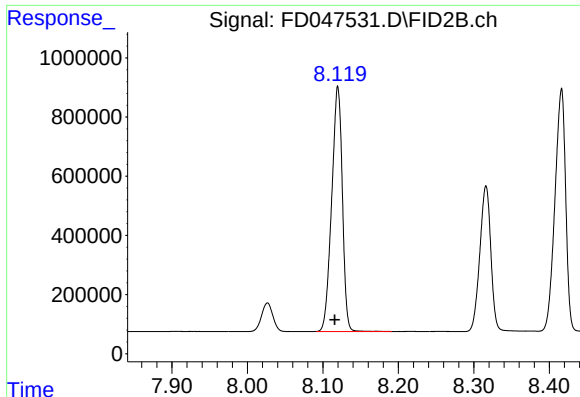
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 7718371
Conc: 46.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 7584734
Conc: 50.73 ug/ml



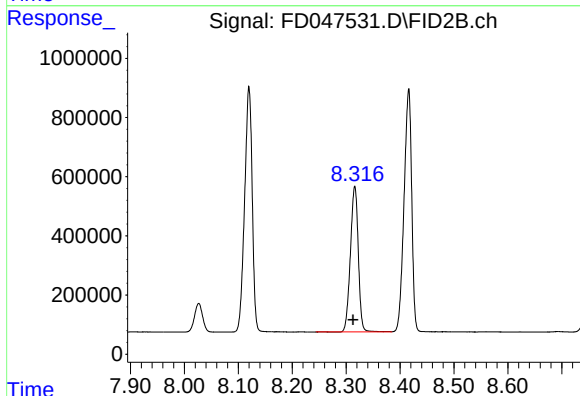
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 8134689
Conc: 53.89 ug/ml

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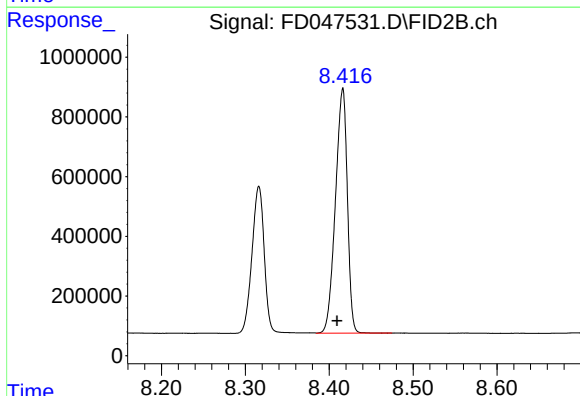
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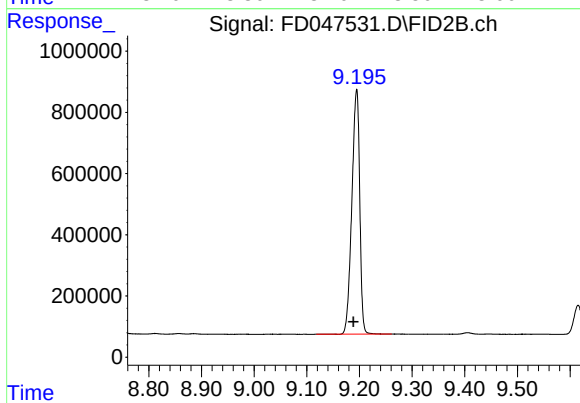
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.003 min
Response: 4997072
Conc: 51.14 ug/ml



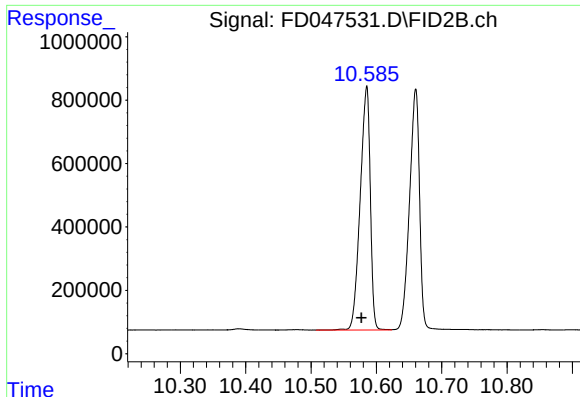
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: 0.006 min
Response: 8102970
Conc: 50.59 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.194 min
Delta R.T.: 0.005 min
Response: 8288990
Conc: 53.58 ug/ml



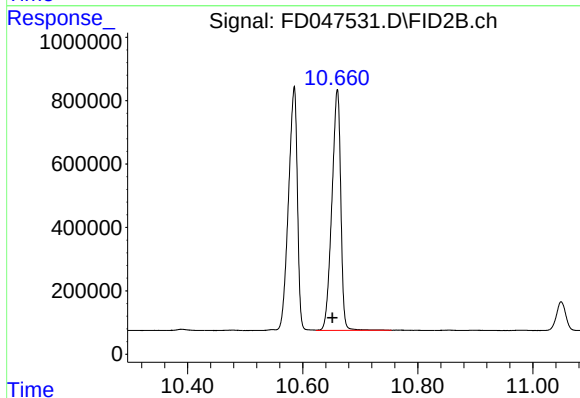
#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.007 min
Response: 8236902
Conc: 55.36 ug/ml

Instrument :
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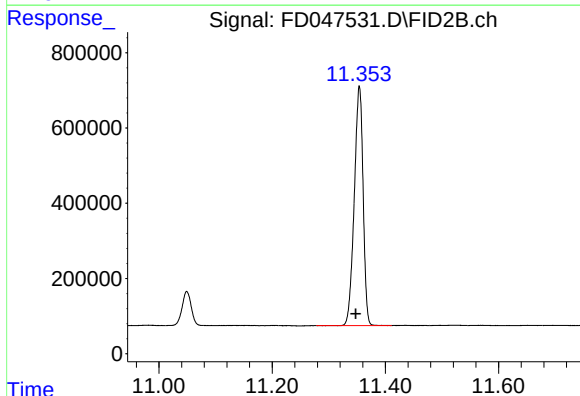
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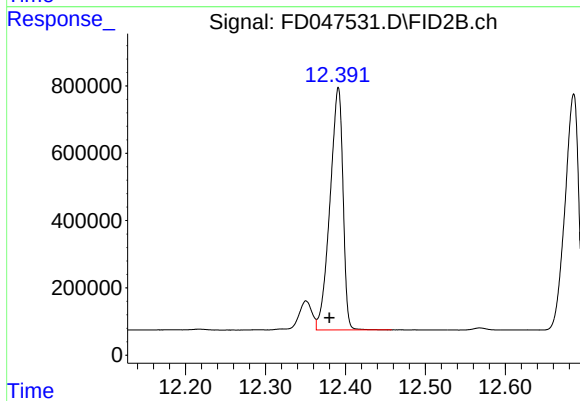
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.008 min
Response: 8124087
Conc: 59.73 ug/ml



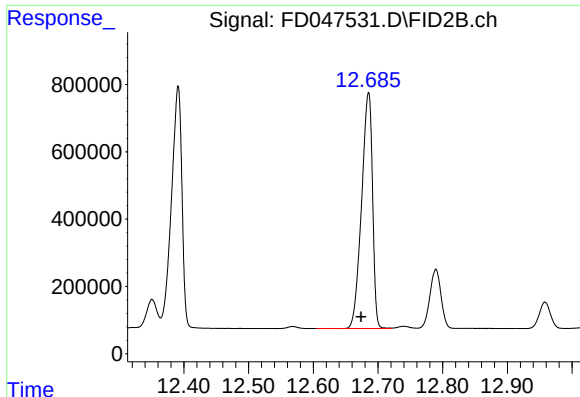
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.006 min
Response: 6900084
Conc: 40.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.391 min
Delta R.T.: 0.011 min
Response: 8153842
Conc: 55.16 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.685 min
Delta R.T.: 0.011 min
Response: 8232328
Conc: 57.04 ug/ml

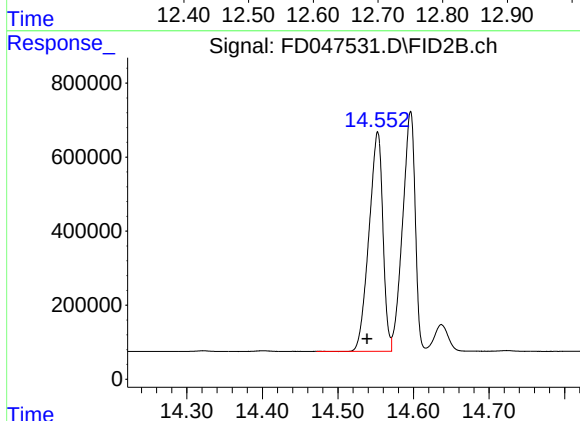
Instrument :

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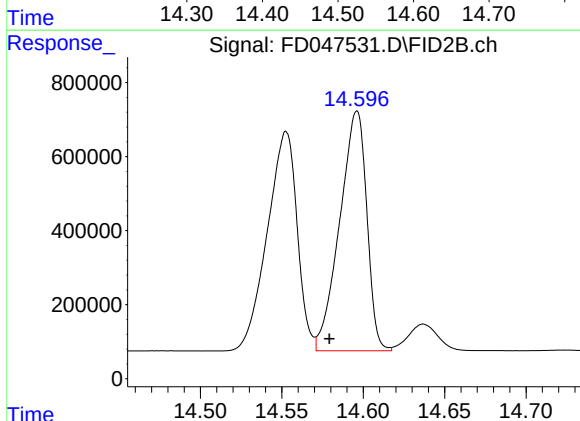
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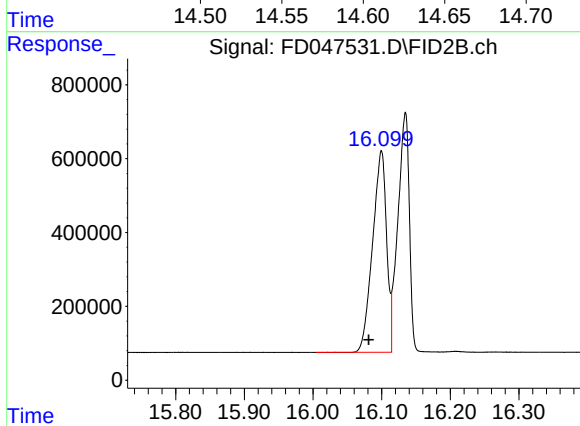
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.014 min
Response: 7584452
Conc: 57.67 ug/ml



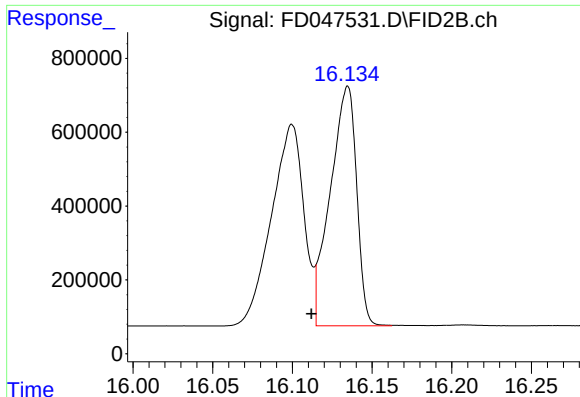
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: 0.016 min
Response: 7503441
Conc: 53.21 ug/ml



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

R.T.: 16.099 min
Delta R.T.: 0.018 min
Response: 7724681
Conc: 55.37 ug/ml



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

R.T.: 16.134 min
Delta R.T.: 0.022 min
Response: 7432677
Conc: 53.44 ug/ml

Instrument :

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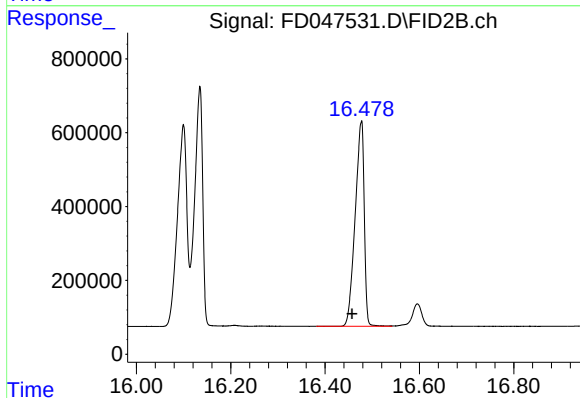
ClientSampleId :

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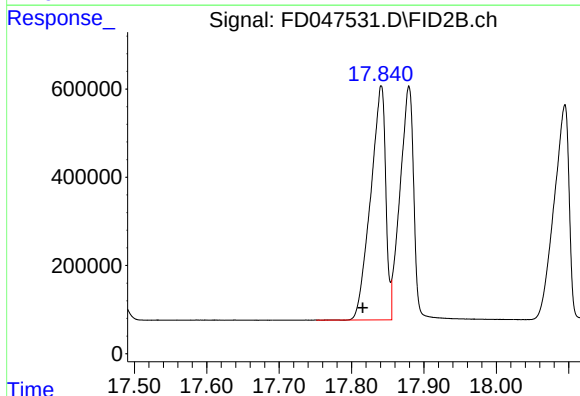
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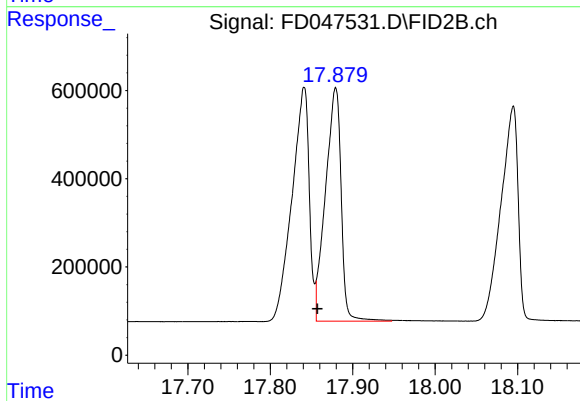
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.019 min
Response: 7408780
Conc: 53.96 ug/ml



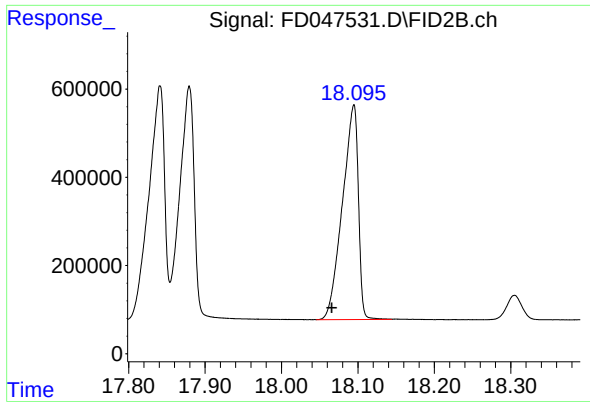
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: 0.025 min
Response: 7704701
Conc: 57.12 ug/ml



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

R.T.: 17.879 min
Delta R.T.: 0.022 min
Response: 6973587
Conc: 51.89 ug/ml m



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

R.T.: 18.095 min
Delta R.T.: 0.029 min
Response: 7058261
Conc: 50.86 ug/ml

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