

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102722AR\
 Data File : FD044281.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2022 12:42
 Operator : YP/AJ
 Sample : PB148561BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB148561BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2022
 Supervised By :Ankita Jodhani 10/28/2022

Integration File: autoint1.e
 Quant Time: Oct 28 07:14:59 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...	7.409	5903040	47.545 ug/mlm
Spiked Amount 50.000		Recovery =	95.09%
6) S 2-Fluorobiphenyl (SURR)	8.265	3753169	49.844 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.69%
11) S ortho-Terphenyl (SURR)	11.295	5901229	34.865 ug/ml
Spiked Amount 50.000		Recovery =	69.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	4510828	31.958 ug/mlm
2) T Naphthalene (C11.7)	5.750	4921686	35.900 ug/ml
3) T 2-Methylnaphthalene (...)	6.796	4892472	34.512 ug/ml
5) T Acenaphthylene (C15.06)	8.066	5004193	35.672 ug/mlm
7) T Acenaphthene (C15.5)	8.358	5584480	35.912 ug/ml
8) T Flouorene (C16.55)	9.139	5241112	37.255 ug/mlm
9) T Phenanthrene (C19.36)	10.531	5517613	40.971 ug/ml
10) T Anthracene (C19.43)	10.606	5609994	41.750 ug/ml
12) T Fluoranthene (C21.85)	12.336	5516808	41.309 ug/ml
13) T Pyrene (C20.8)	12.631	5099822	40.375 ug/ml
14) T Benzo[a]anthracene (C...	14.501	4933937	46.451 ug/mlm
15) T Chrysene (C27.41)	14.543	5511167	42.042 ug/ml
16) T benzo[b]fluoranthene ...	16.049	4951035	44.116 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	5210364	40.953 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.427	4195275	36.104 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	4611772	43.259 ug/mlm
20) T Dibenz[a,h]anthracene...	17.827	4925347	39.812 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	4925749	41.958 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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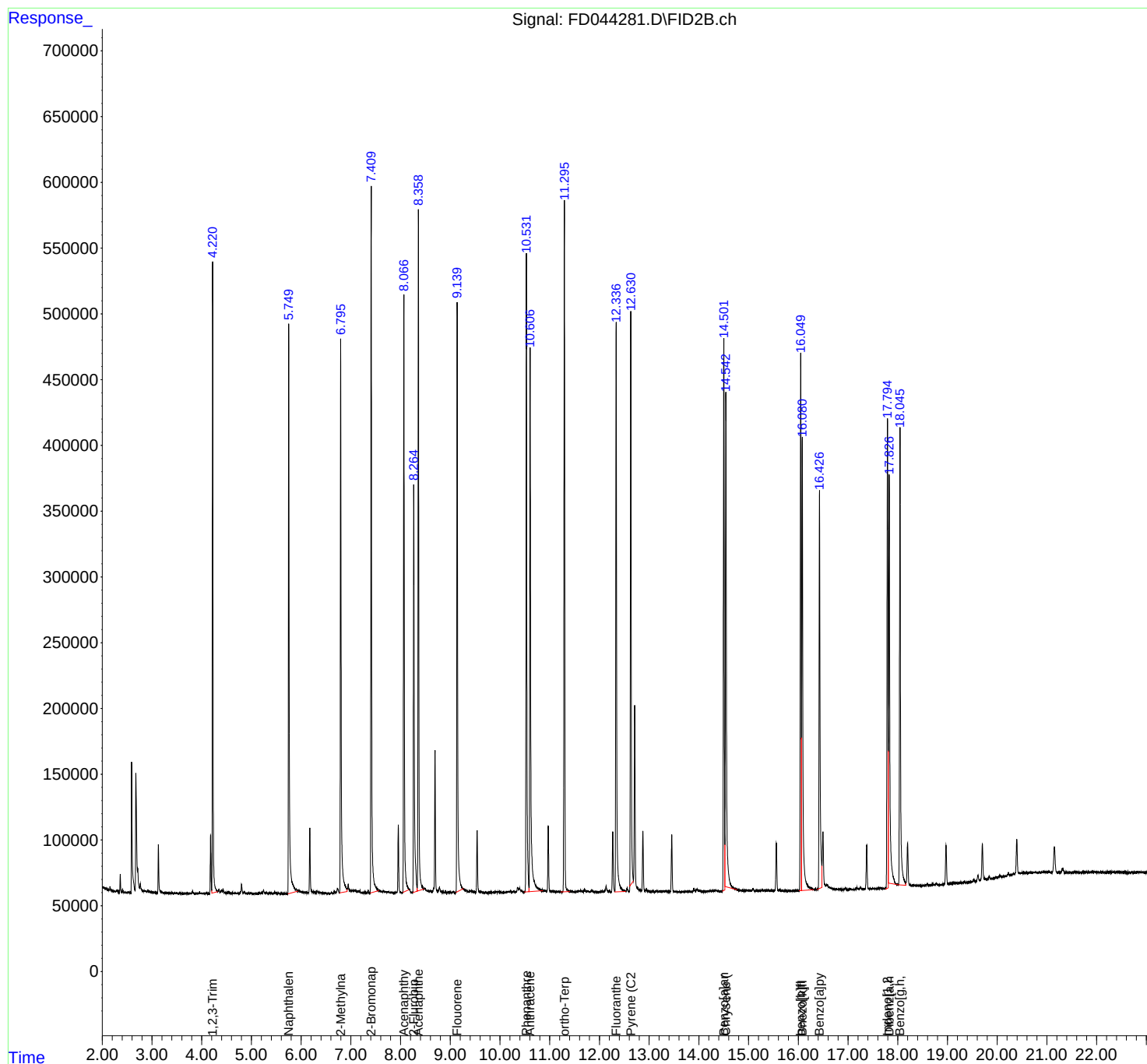
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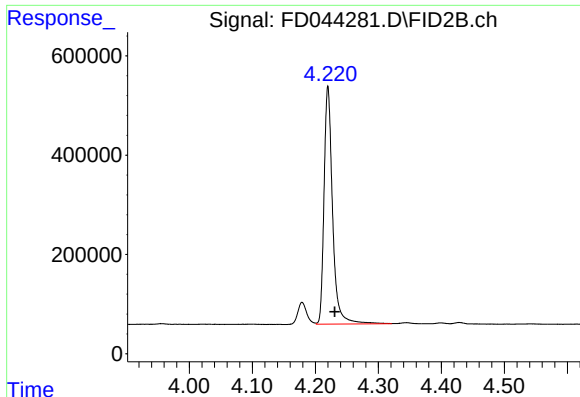
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.220 min
Delta R.T.: -0.011 min
Response: 4510828
Conc: 31.96 ug/ml

Instrument :

FID_D

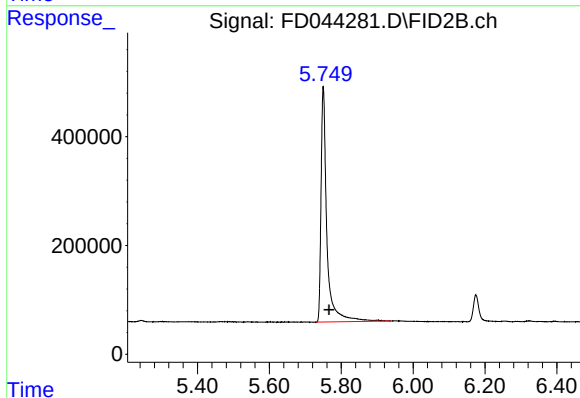
ClientSampleId :

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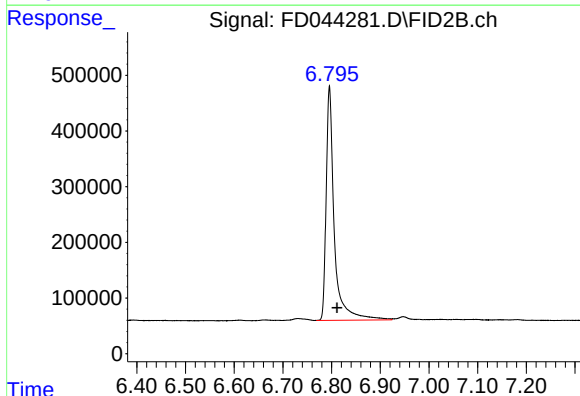
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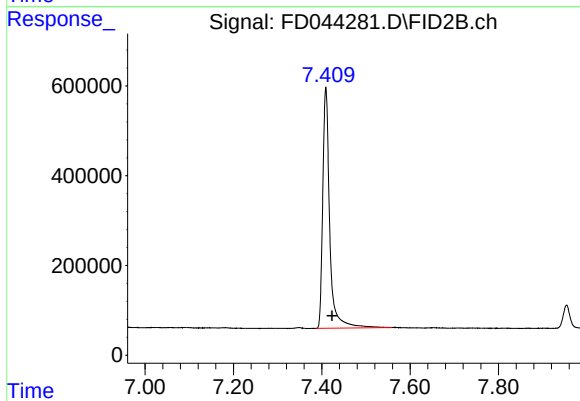
#2 Naphthalene (C11.7)

R.T.: 5.750 min
Delta R.T.: -0.015 min
Response: 4921686
Conc: 35.90 ug/ml



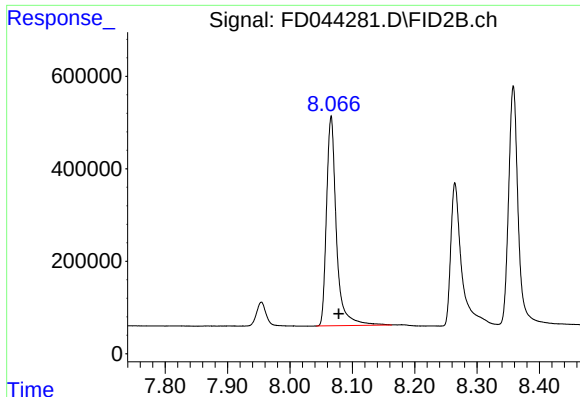
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.796 min
Delta R.T.: -0.015 min
Response: 4892472
Conc: 34.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.409 min
Delta R.T.: -0.015 min
Response: 5903040
Conc: 47.55 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 8.066 min
Delta R.T.: -0.012 min
Response: 5004193
Conc: 35.67 ug/ml

Instrument :

FID_D

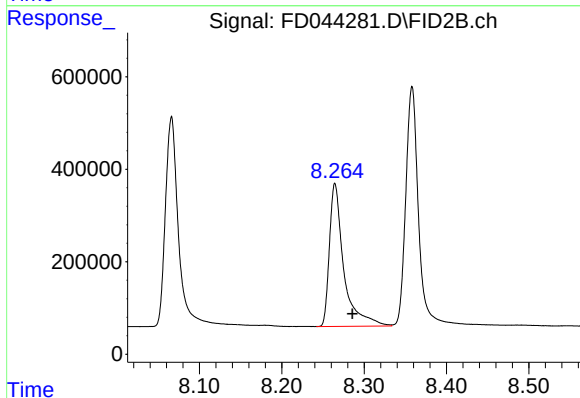
ClientSampleId :

PB148561BSD

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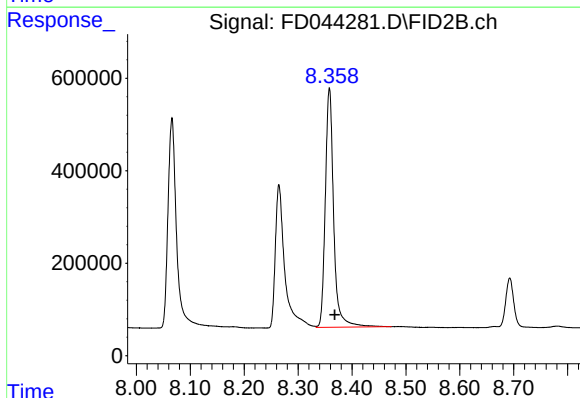
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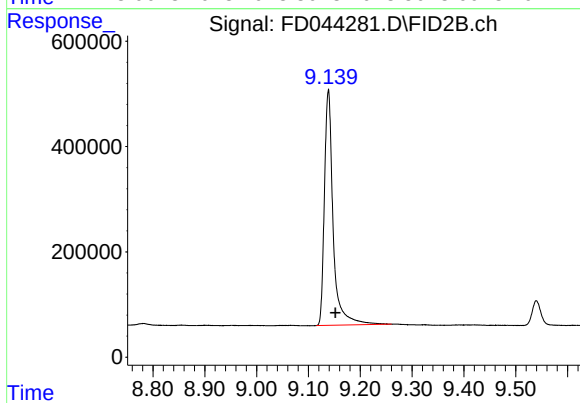
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.265 min
Delta R.T.: -0.021 min
Response: 3753169
Conc: 49.84 ug/ml



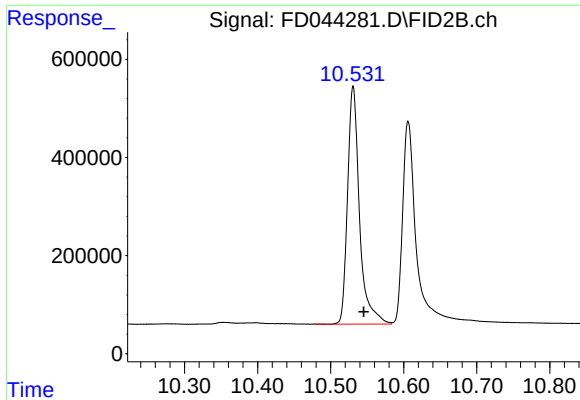
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: -0.010 min
Response: 5584480
Conc: 35.91 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.139 min
Delta R.T.: -0.013 min
Response: 5241112
Conc: 37.26 ug/ml m



#9 Phenanthrene (C19.36)

R.T.: 10.531 min
Delta R.T.: -0.014 min
Response: 5517613
Conc: 40.97 ug/ml

Instrument :

FID_D

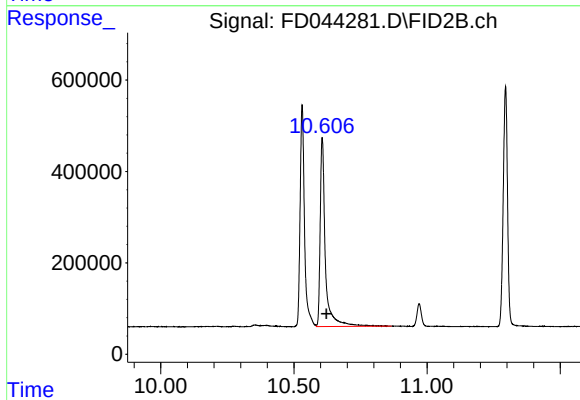
ClientSampleId :

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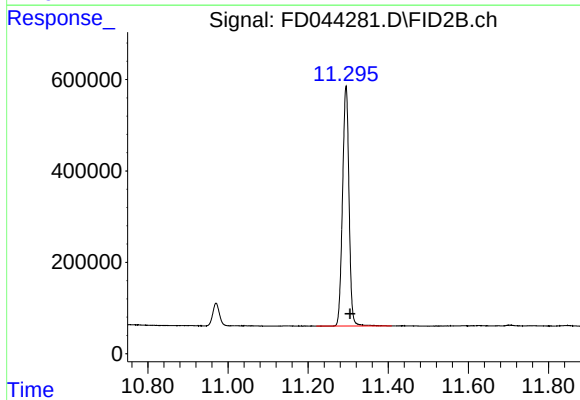
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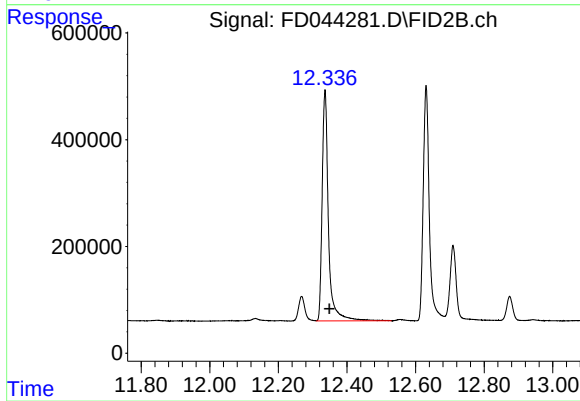
#10 Anthracene (C19.43)

R.T.: 10.606 min
Delta R.T.: -0.015 min
Response: 5609994
Conc: 41.75 ug/ml



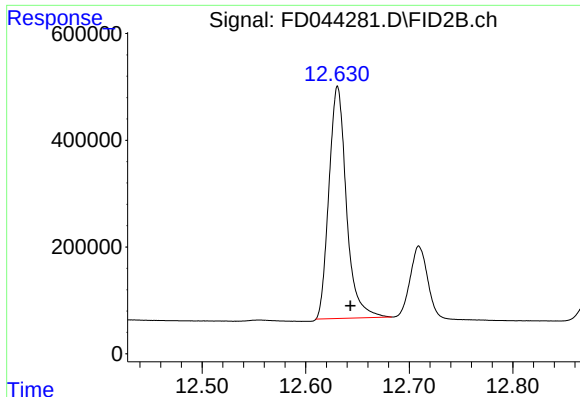
#11 ortho-Terphenyl (SURR)

R.T.: 11.295 min
Delta R.T.: -0.010 min
Response: 5901229
Conc: 34.86 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.336 min
Delta R.T.: -0.013 min
Response: 5516808
Conc: 41.31 ug/ml



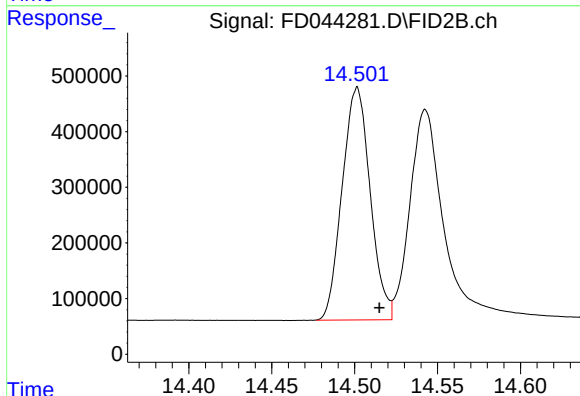
#13 Pyrene (C20.8)

R.T.: 12.631 min
Delta R.T.: -0.012 min
Response: 5099822
Conc: 40.38 ug/ml

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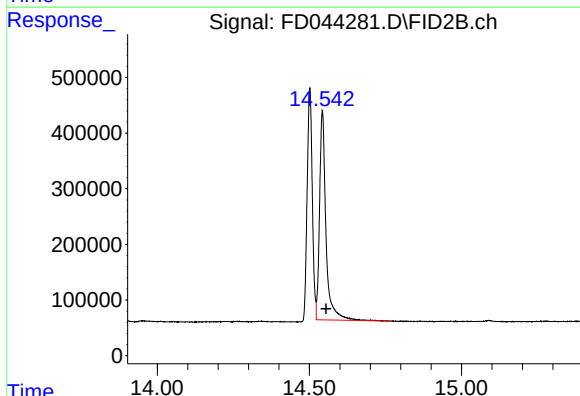
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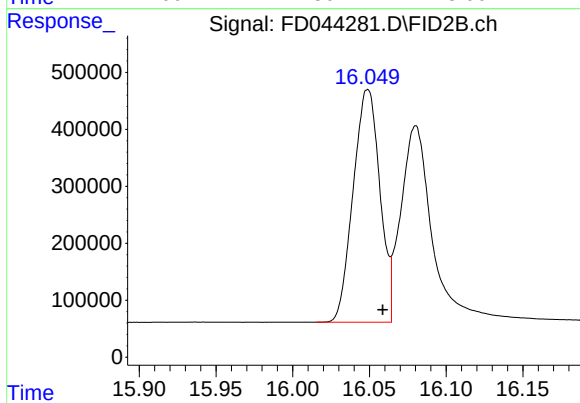
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.501 min
Delta R.T.: -0.014 min
Response: 4933937
Conc: 46.45 ug/ml m



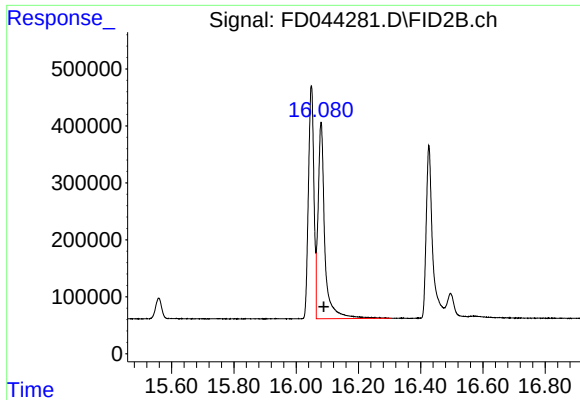
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: -0.012 min
Response: 5511167
Conc: 42.04 ug/ml



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

R.T.: 16.049 min
Delta R.T.: -0.010 min
Response: 4951035
Conc: 44.12 ug/ml



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

R.T.: 16.080 min
Delta R.T.: -0.009 min
Response: 5210364
Conc: 40.95 ug/ml

Instrument :

FID_D

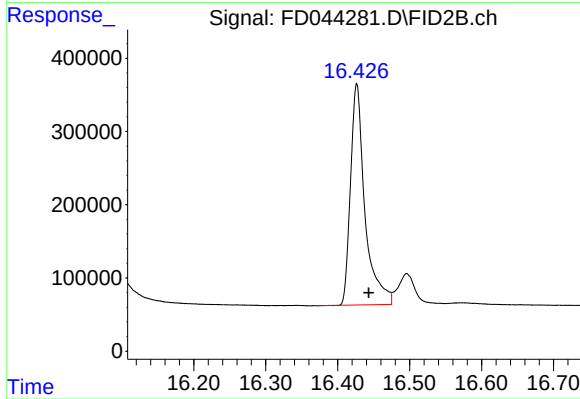
ClientSampleId :

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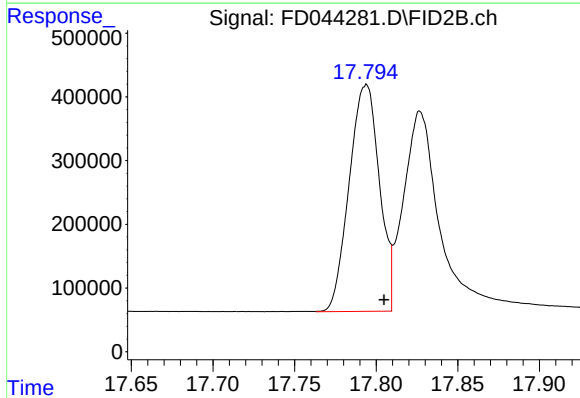
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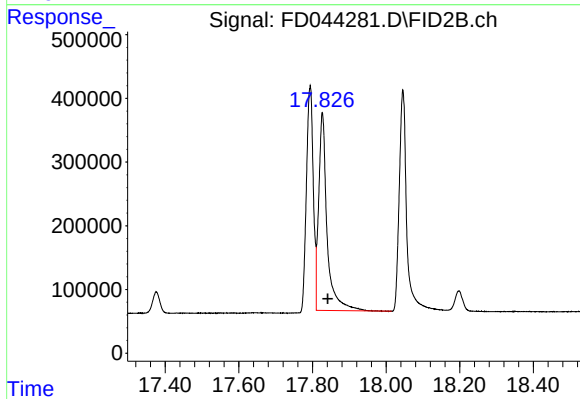
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.427 min
Delta R.T.: -0.017 min
Response: 4195275
Conc: 36.10 ug/ml



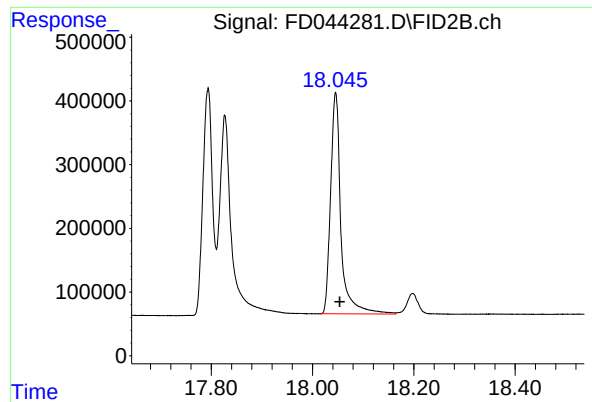
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.011 min
Response: 4611772
Conc: 43.26 ug/ml m



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

R.T.: 17.827 min
Delta R.T.: -0.015 min
Response: 4925347
Conc: 39.81 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.008 min
Response: 4925749
Conc: 41.96 ug/ml

Instrument :

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