

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080825AR\
 Data File : FD049595.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2025 12:21
 Operator : YP/AJ
 Sample : PB169161BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169161BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2025
 Supervised By :mohammad ahmed 08/12/2025

Integration File: sample.E
 Quant Time: Aug 11 04:46:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 2025
 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...	7.716	6062556	46.338 ug/ml
Spiked Amount 50.000		Recovery =	92.68%
6) S 2-Fluorobiphenyl (SURR)	8.582	4307214	46.482 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.96%
11) S ortho-Terphenyl (SURR)	11.627	6450457	39.340 ug/ml
Spiked Amount 50.000		Recovery =	78.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	3682373	28.504 ug/ml
2) T Naphthalene (C11.7)	6.050	4747848	32.440 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	4818143	31.727 ug/ml
5) T Acenaphthylene (C15.06)	8.385	5931527	37.368 ug/ml
7) T Acenaphthene (C15.5)	8.682	6035758	38.122 ug/ml
8) T Flouorene (C16.55)	9.463	6508120	40.741 ug/ml
9) T Phenanthrene (C19.36)	10.862	6723496	41.046 ug/ml
10) T Anthracene (C19.43)	10.937	5866245	36.827 ug/ml
12) T Fluoranthene (C21.85)	12.676	6850485	42.146 ug/mlm
13) T Pyrene (C20.8)	12.975	6742833	41.548 ug/ml
14) T Benzo[a]anthracene (C...	14.847	6379084	43.558 ug/ml
15) T Chrysene (C27.41)	14.892	6931564	46.575 ug/ml
16) T benzo[b]fluoranthene ...	16.399	6209243	43.823 ug/ml
17) T Bnezo[k]fluoranthene ...	16.435	6054065	45.286 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.779	5760402	41.839 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.145	6000235	47.907 ug/mlm
20) T Dibenz[a,h]anthracene...	18.184	5561870	42.218 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.402	5401828	40.816 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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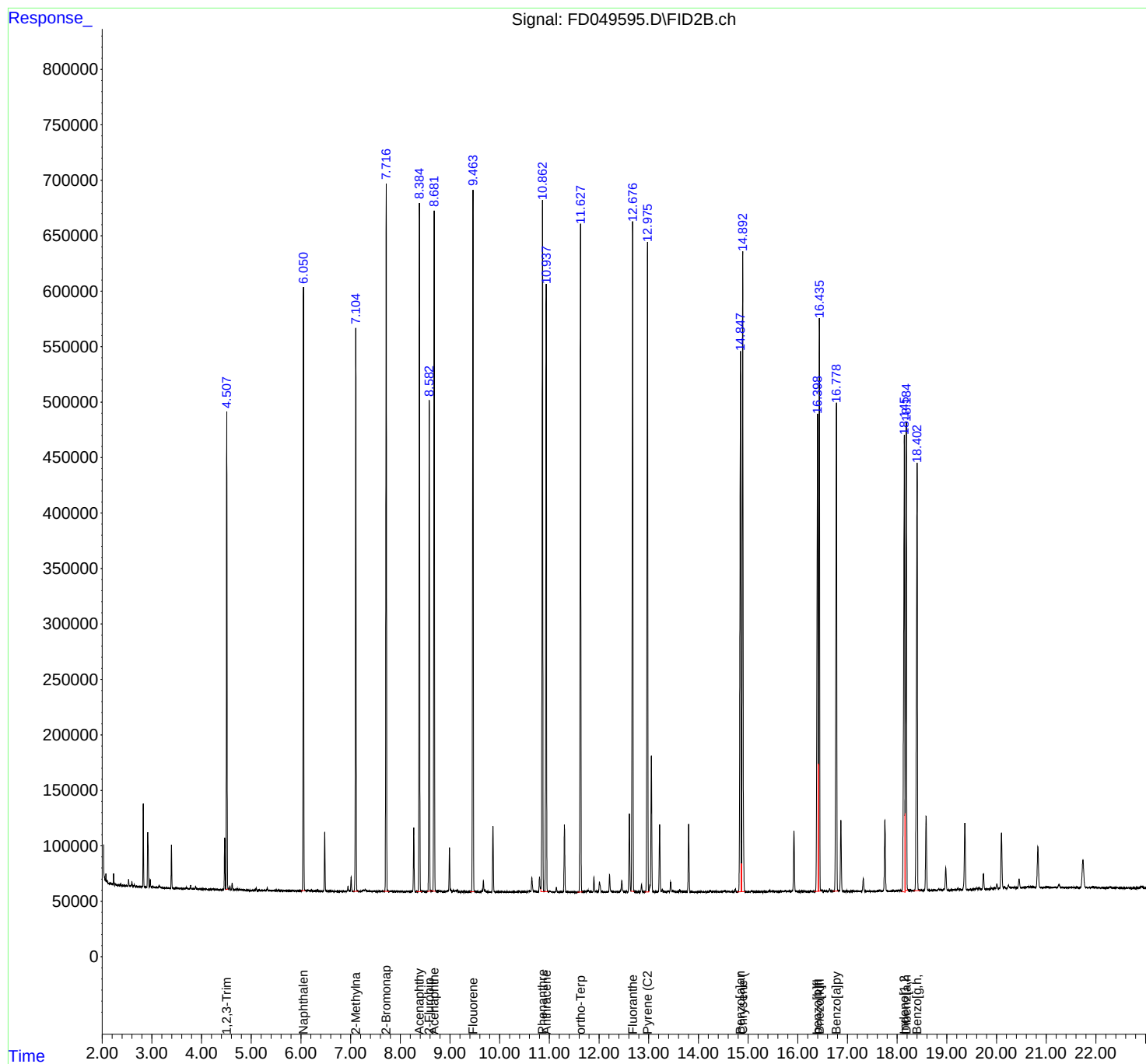
Instrument :
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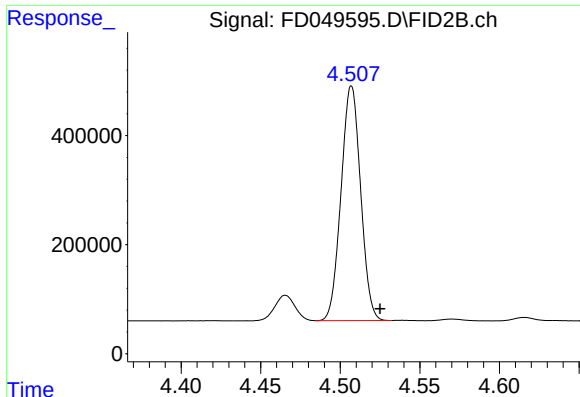
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.507 min
Delta R.T.: -0.018 min
Response: 3682373
Conc: 28.50 ug/ml

Instrument :

FID_D

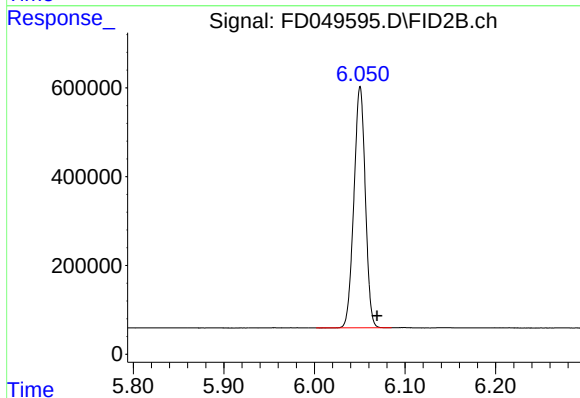
ClientSampleId :

PB169161BSD

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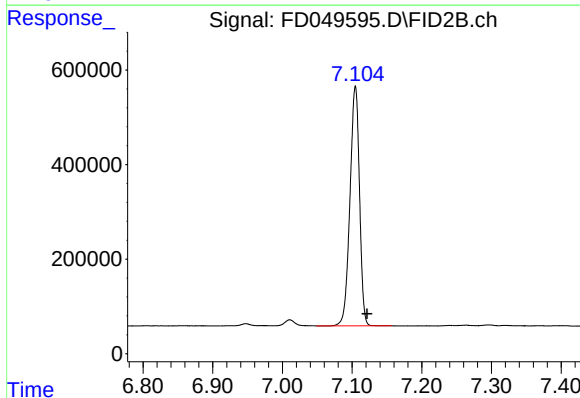
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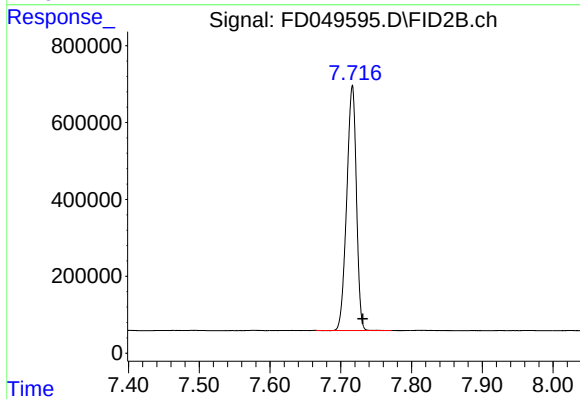
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.019 min
Response: 4747848
Conc: 32.44 ug/ml



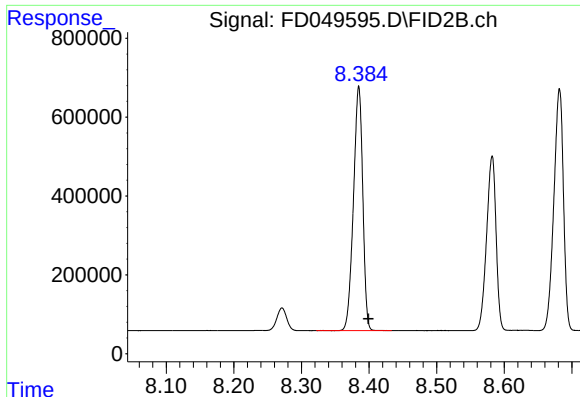
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: -0.017 min
Response: 4818143
Conc: 31.73 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.716 min
Delta R.T.: -0.015 min
Response: 6062556
Conc: 46.34 ug/ml



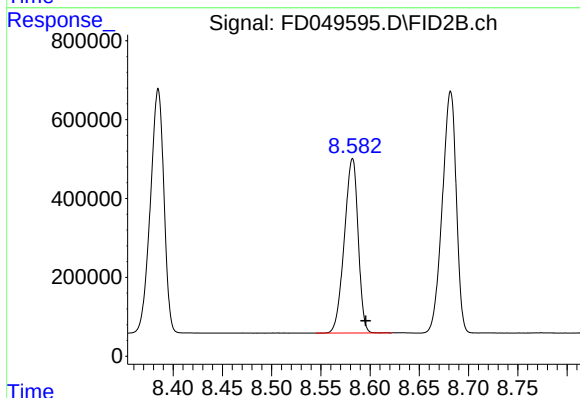
#5 Acenaphthylene (C15.06)

R.T.: 8.385 min
Delta R.T.: -0.014 min
Response: 5931527
Conc: 37.37 ug/ml

Instrument :
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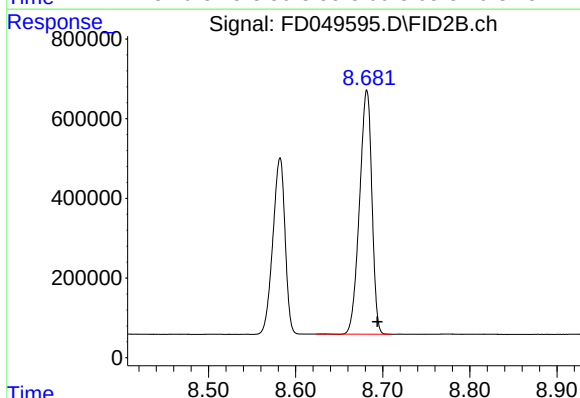
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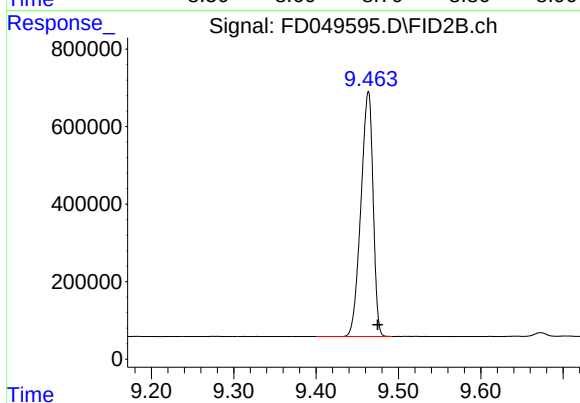
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.582 min
Delta R.T.: -0.014 min
Response: 4307214
Conc: 46.48 ug/ml



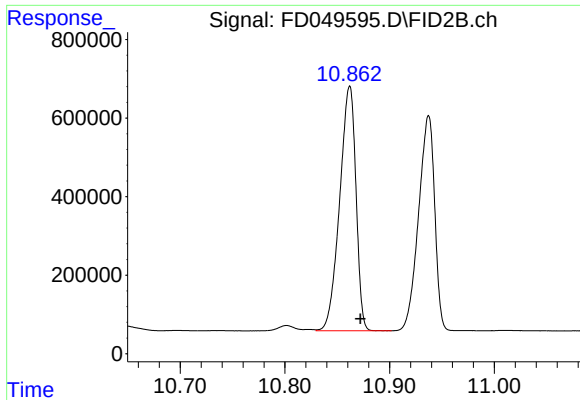
#7 Acenaphthene (C15.5)

R.T.: 8.682 min
Delta R.T.: -0.012 min
Response: 6035758
Conc: 38.12 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.463 min
Delta R.T.: -0.012 min
Response: 6508120
Conc: 40.74 ug/ml



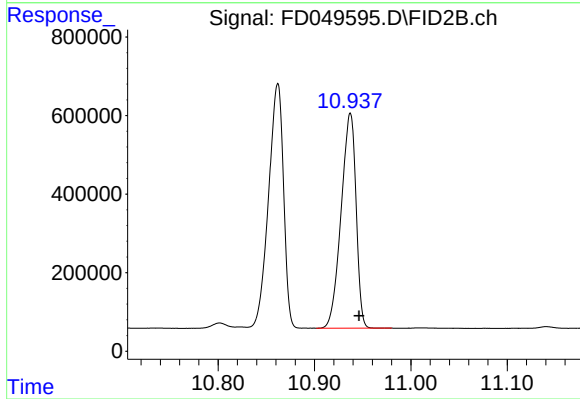
#9 Phenanthrene (C19.36)

R.T.: 10.862 min
Delta R.T.: -0.010 min
Response: 6723496
Conc: 41.05 ug/ml

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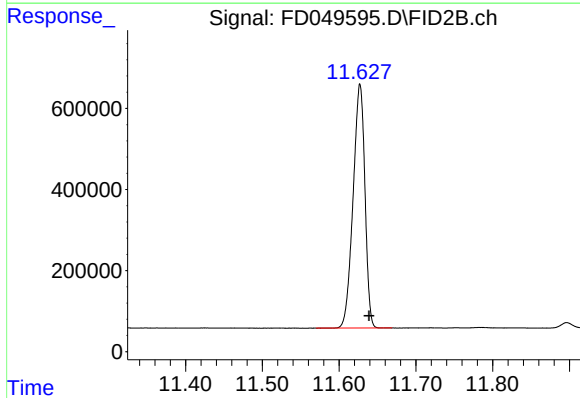
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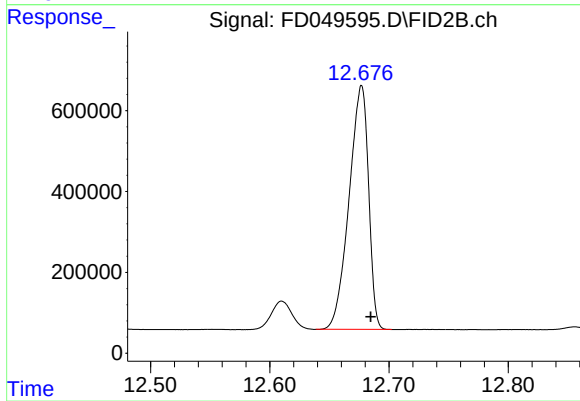
#10 Anthracene (C19.43)

R.T.: 10.937 min
Delta R.T.: -0.009 min
Response: 5866245
Conc: 36.83 ug/ml



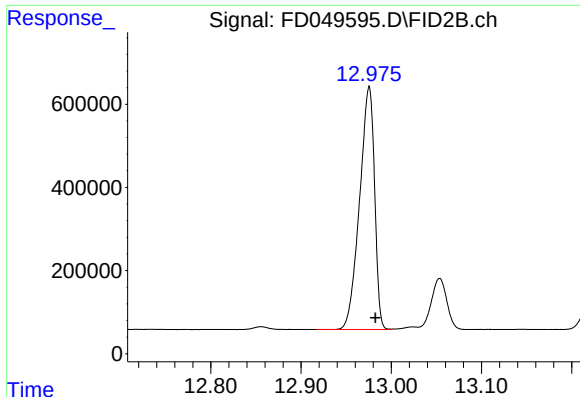
#11 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.012 min
Response: 6450457
Conc: 39.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.676 min
Delta R.T.: -0.008 min
Response: 6850485
Conc: 42.15 ug/ml m



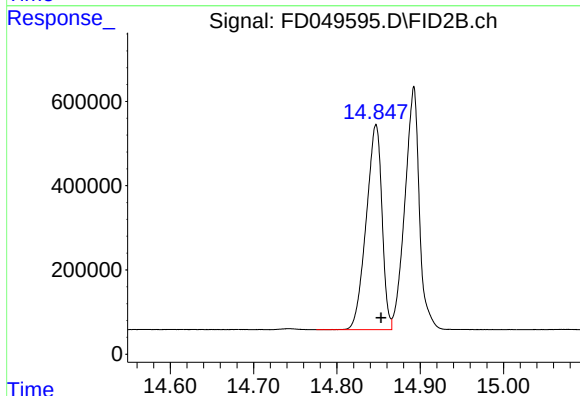
#13 Pyrene (C20.8)

R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 6742833
Conc: 41.55 ug/ml

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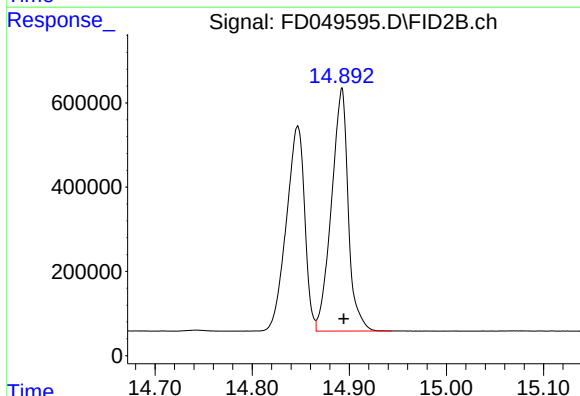
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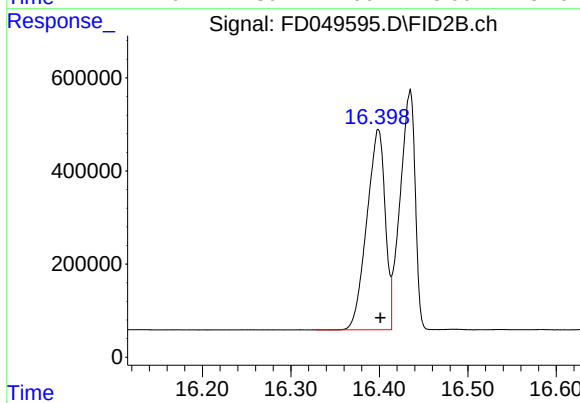
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.847 min
Delta R.T.: -0.006 min
Response: 6379084
Conc: 43.56 ug/ml



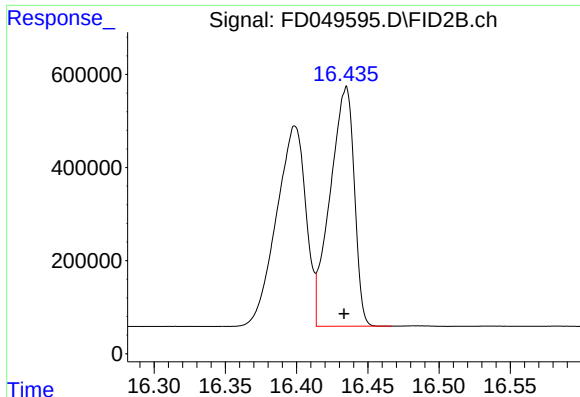
#15 Chrysene (C27.41)

R.T.: 14.892 min
Delta R.T.: -0.002 min
Response: 6931564
Conc: 46.58 ug/ml



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

R.T.: 16.399 min
Delta R.T.: -0.002 min
Response: 6209243
Conc: 43.82 ug/ml



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

R.T.: 16.435 min
Delta R.T.: 0.002 min
Response: 6054065
Conc: 45.29 ug/ml

Instrument :

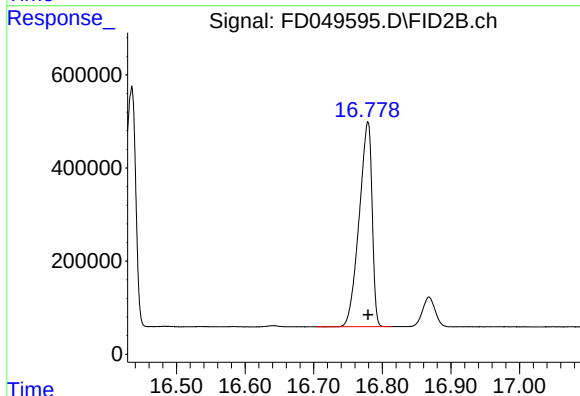
FID_D

ClientSampleId :

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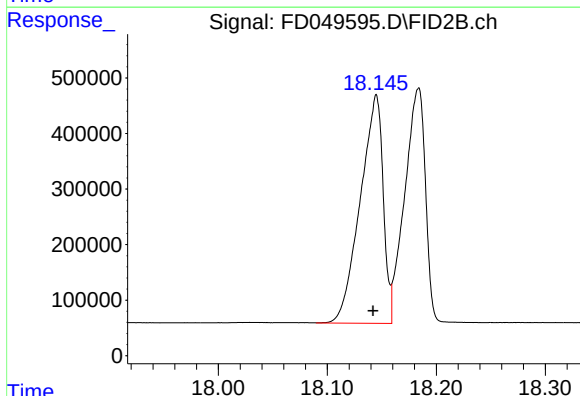
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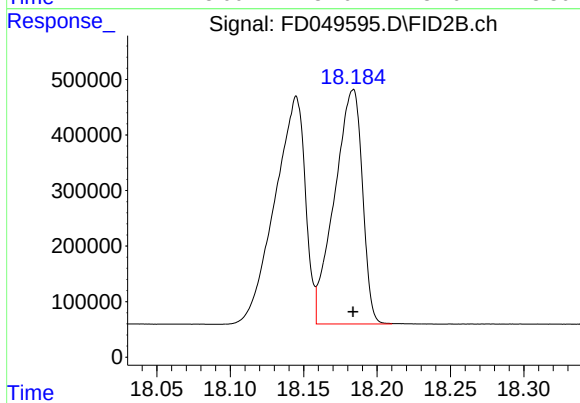
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.779 min
Delta R.T.: 0.000 min
Response: 5760402
Conc: 41.84 ug/ml



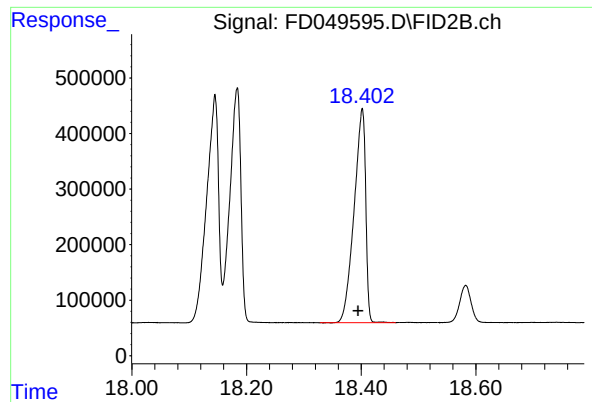
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.145 min
Delta R.T.: 0.003 min
Response: 6000235
Conc: 47.91 ug/ml m



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

R.T.: 18.184 min
Delta R.T.: 0.000 min
Response: 5561870
Conc: 42.22 ug/ml m



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

R.T.: 18.402 min
Delta R.T.: 0.007 min
Response: 5401828
Conc: 40.82 ug/ml

Instrument :

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