

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092225AR\
 Data File : FD049739.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2025 15:29
 Operator : YP/AJ
 Sample : PB169768BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169768BS

Integration File: autoint1.e
 Quant Time: Sep 23 02:02:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.697	4120394	36.638 ug/ml
Spiked Amount 50.000		Recovery =	73.28%
6) S 2-Fluorobiphenyl (SURR)	8.562	2903364	36.169 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.34%
11) S ortho-Terphenyl (SURR)	11.610	5789573	40.921 ug/ml
Spiked Amount 50.000		Recovery =	81.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	3306689	30.688 ug/ml
2) T Naphthalene (C11.7)	6.032	4079775	32.806 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	4076043	31.274 ug/ml
5) T Acenaphthylene (C15.06)	8.365	4917923	35.472 ug/ml
7) T Acenaphthene (C15.5)	8.662	4990420	36.000 ug/ml
8) T Flouorene (C16.55)	9.443	5333752	38.452 ug/ml
9) T Phenanthrene (C19.36)	10.842	5629906	40.415 ug/ml
10) T Anthracene (C19.43)	10.918	5337300	40.422 ug/ml
12) T Fluoranthene (C21.85)	12.657	5801207	43.077 ug/ml
13) T Pyrene (C20.8)	12.956	5842579	43.921 ug/ml
14) T Benzo[a]anthracene (C...	14.828	5334412	44.608 ug/ml
15) T Chrysene (C27.41)	14.873	5869388	48.247 ug/ml
16) T benzo[b]fluoranthene ...	16.380	5256946	43.856 ug/ml
17) T Bnezo[k]fluoranthene ...	16.415	5182647	45.996 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.760	5034888	42.906 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.126	5059706	46.508 ug/ml
20) T Dibenz[a,h]anthracene...	18.164	4503610	39.523 ug/ml
21) T Benzo[g,h,i]perylene ...	18.381	4577867	39.343 ug/ml

(f)=RT Delta > 1/2 Window

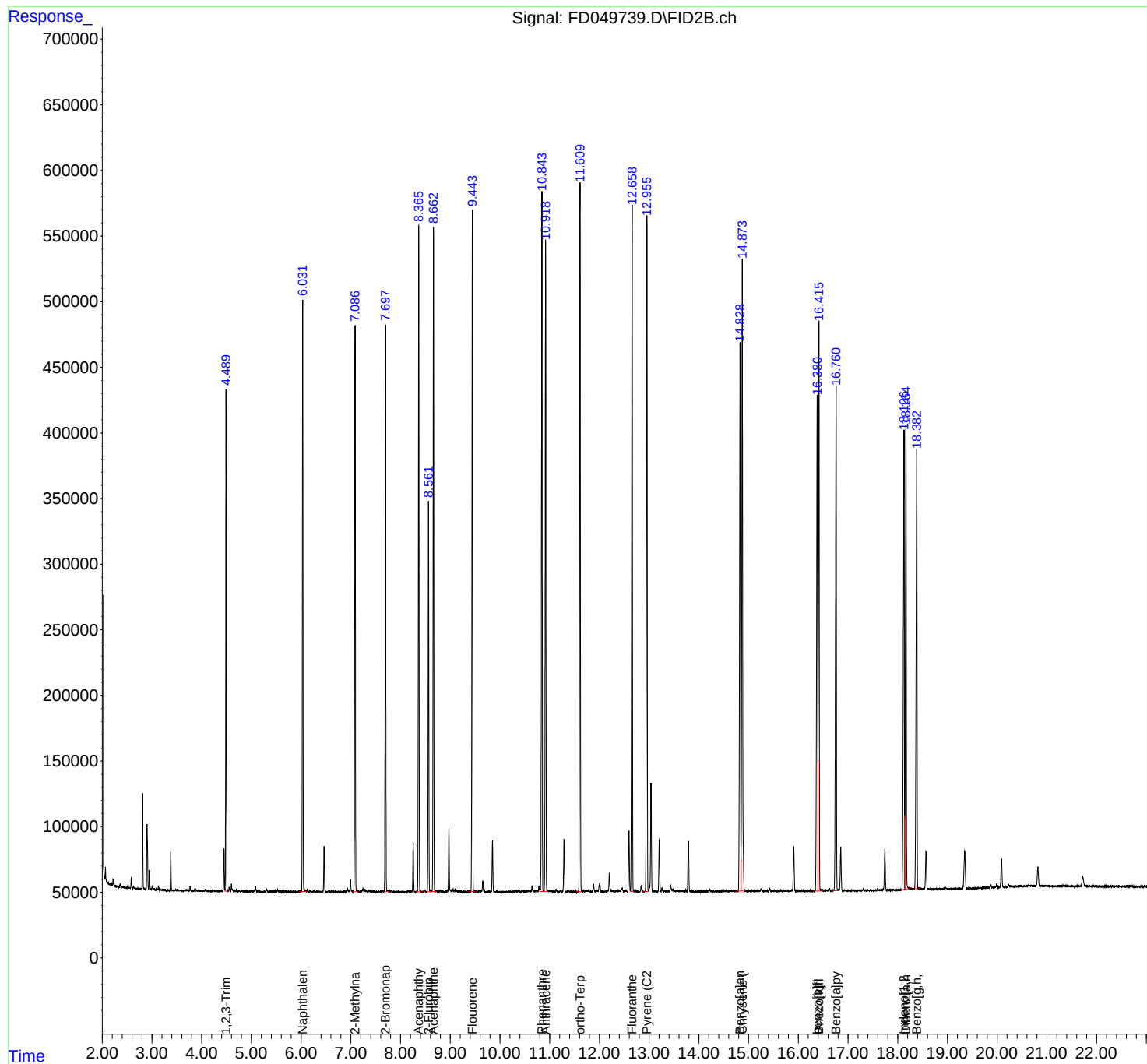
(m)=manual int.

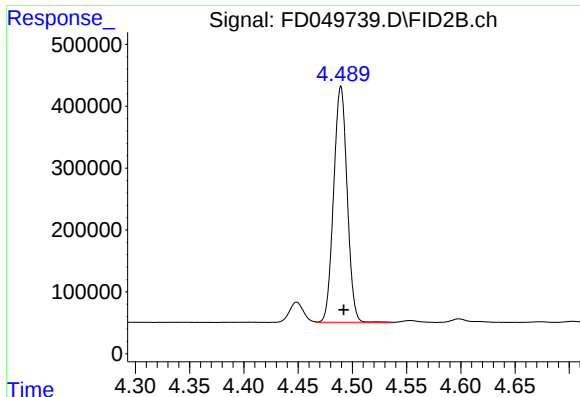
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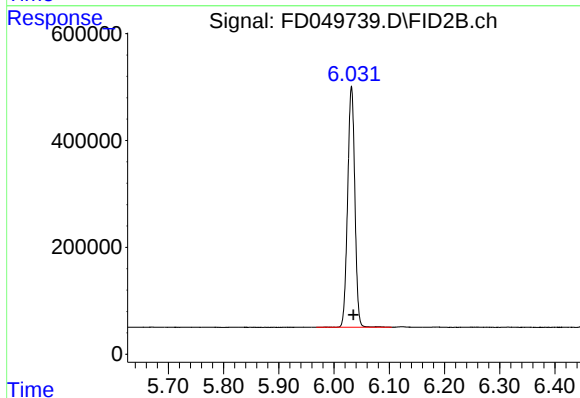




#1 1,2,3-Trimethylbenzene (C10.1)

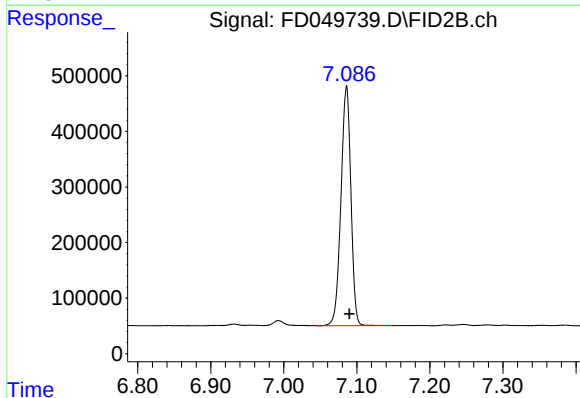
R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 3306689
Conc: 30.69 ug/ml

Instrument :
FID_D
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PB169768BS



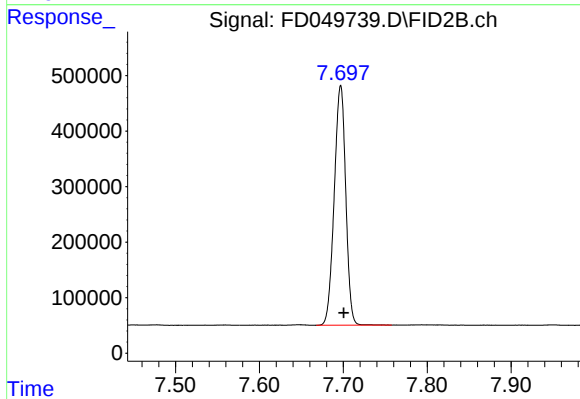
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 4079775
Conc: 32.81 ug/ml



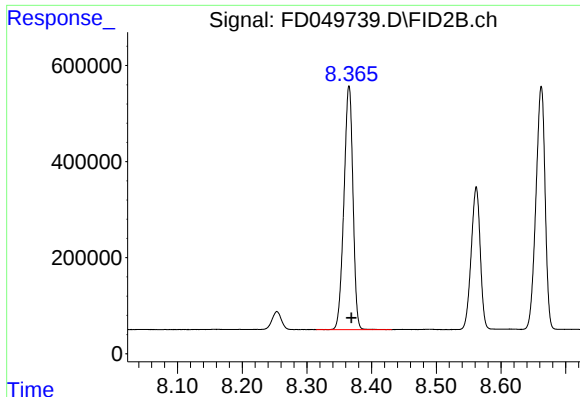
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 4076043
Conc: 31.27 ug/ml



#4 2-Bromonaphthalene (SURR)

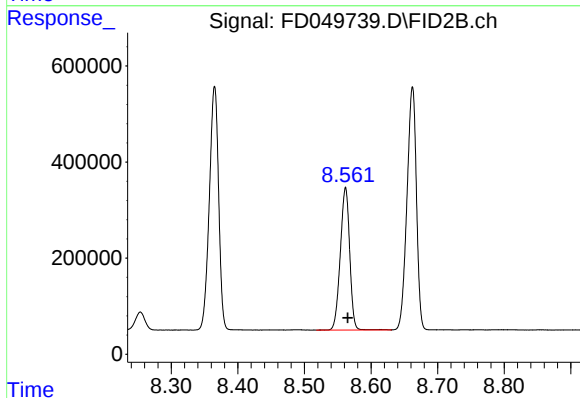
R.T.: 7.697 min
Delta R.T.: -0.004 min
Response: 4120394
Conc: 36.64 ug/ml



#5 Acenaphthylene (C15.06)

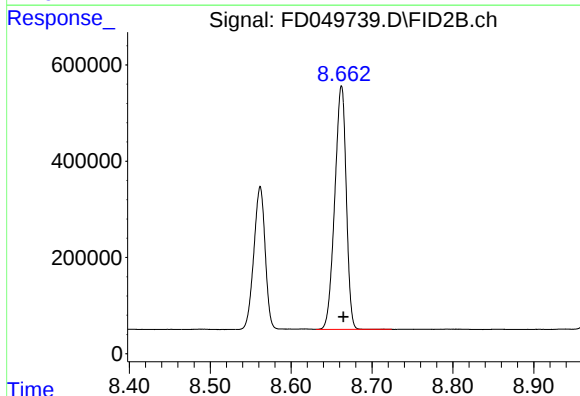
R.T.: 8.365 min
Delta R.T.: -0.004 min
Response: 4917923
Conc: 35.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PB169768BS



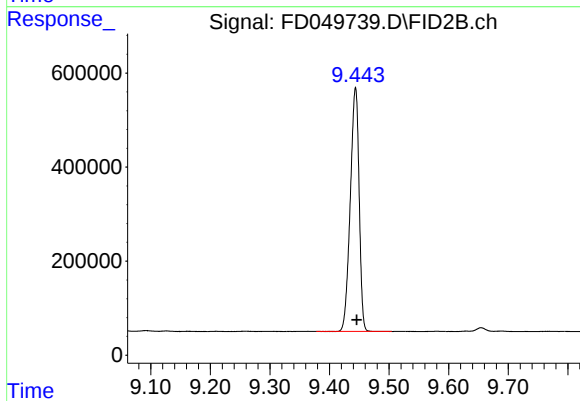
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 2903364
Conc: 36.17 ug/ml



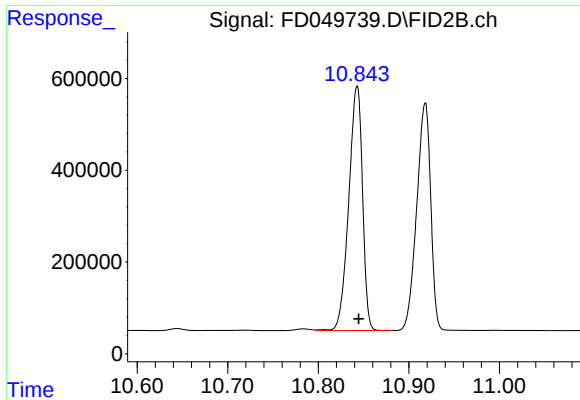
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 4990420
Conc: 36.00 ug/ml



#8 Flouorene (C16.55)

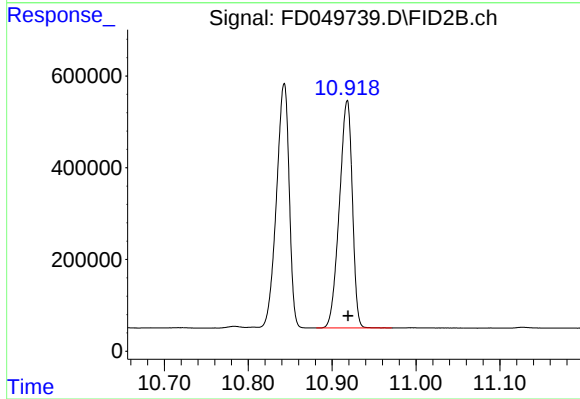
R.T.: 9.443 min
Delta R.T.: -0.002 min
Response: 5333752
Conc: 38.45 ug/ml



#9 Phenanthrene (C19.36)

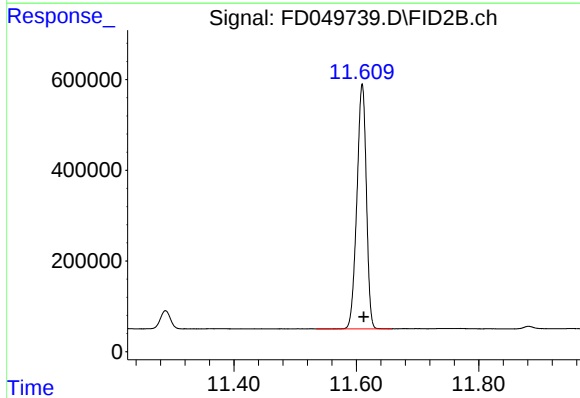
R.T.: 10.842 min
Delta R.T.: -0.002 min
Response: 5629906
Conc: 40.41 ug/ml

Instrument :
FID_D
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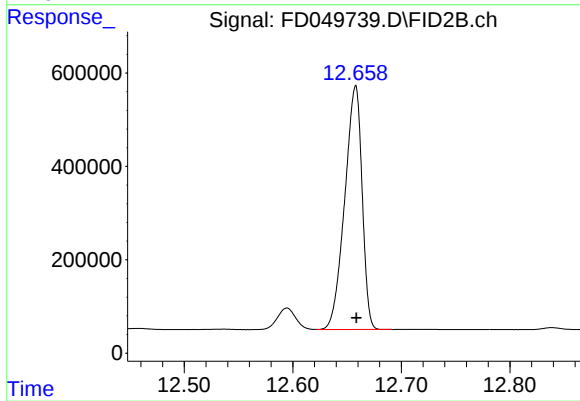
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: -0.002 min
Response: 5337300
Conc: 40.42 ug/ml



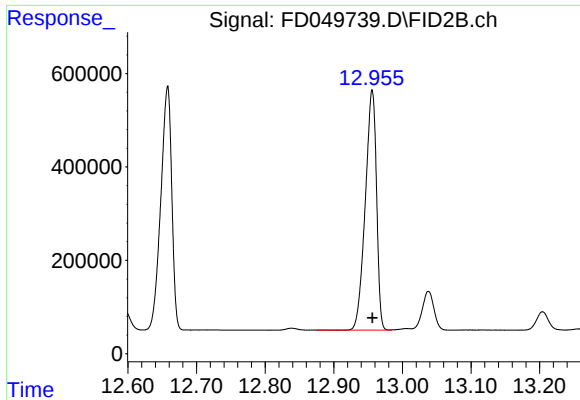
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.003 min
Response: 5789573
Conc: 40.92 ug/ml



#12 Fluoranthene (C21.85)

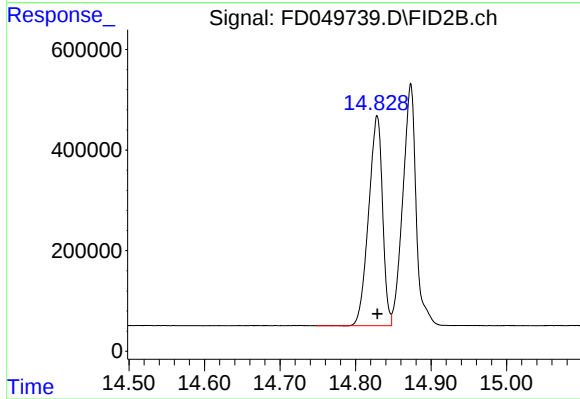
R.T.: 12.657 min
Delta R.T.: -0.001 min
Response: 5801207
Conc: 43.08 ug/ml



#13 Pyrene (C20.8)

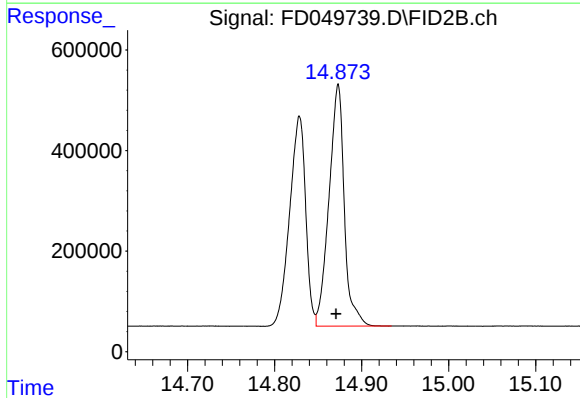
R.T.: 12.956 min
Delta R.T.: 0.000 min
Response: 5842579
Conc: 43.92 ug/ml

Instrument :
FID_D
ClientSampleId :
PB169768BS



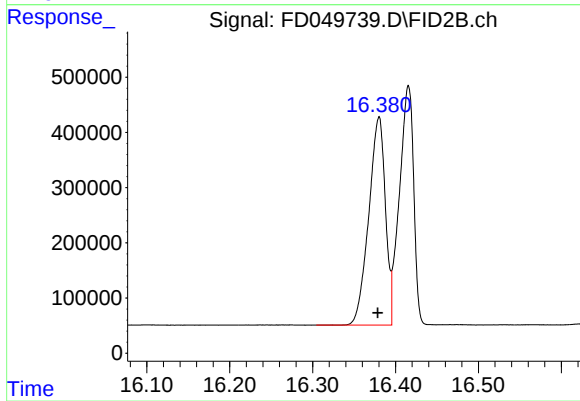
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.000 min
Response: 5334412
Conc: 44.61 ug/ml



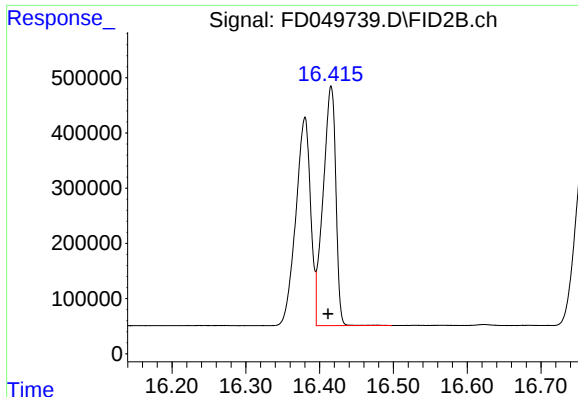
#15 Chrysene (C27.41)

R.T.: 14.873 min
Delta R.T.: 0.002 min
Response: 5869388
Conc: 48.25 ug/ml



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

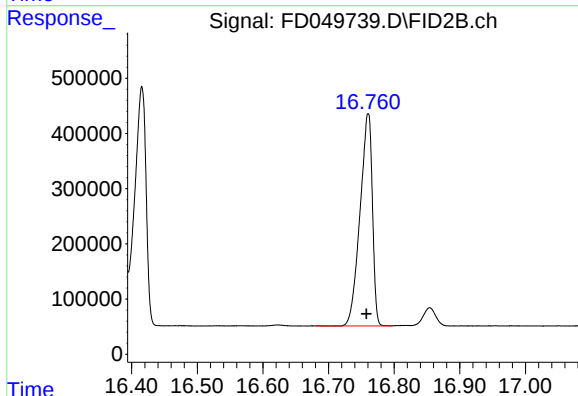
R.T.: 16.380 min
Delta R.T.: 0.000 min
Response: 5256946
Conc: 43.86 ug/ml



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

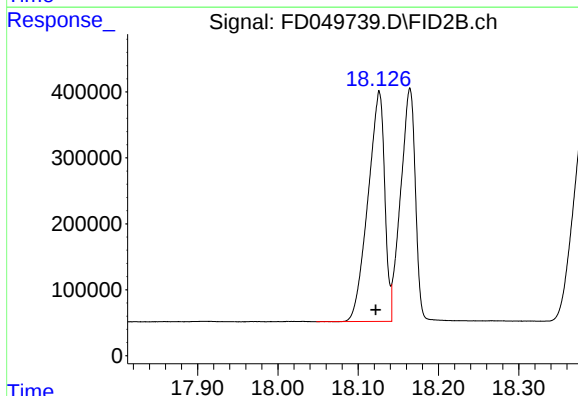
R.T.: 16.415 min
Delta R.T.: 0.004 min
Response: 5182647
Conc: 46.00 ug/ml

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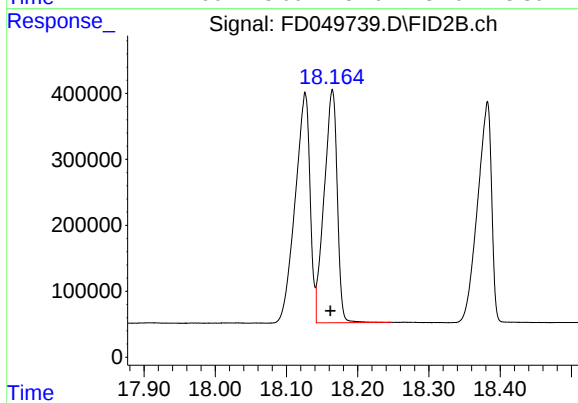
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.760 min
Delta R.T.: 0.002 min
Response: 5034888
Conc: 42.91 ug/ml



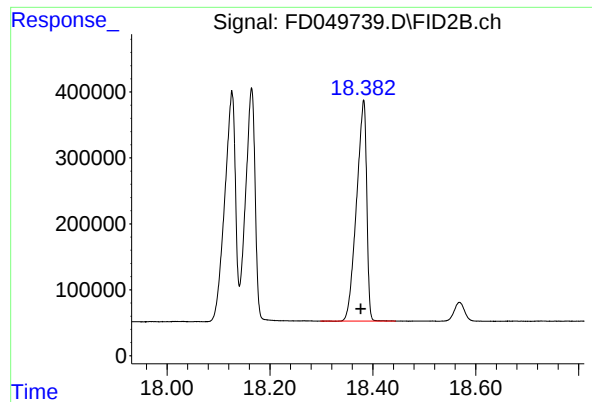
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.126 min
Delta R.T.: 0.004 min
Response: 5059706
Conc: 46.51 ug/ml



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

R.T.: 18.164 min
Delta R.T.: 0.002 min
Response: 4503610
Conc: 39.52 ug/ml



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

R.T.: 18.381 min
Delta R.T.: 0.005 min
Response: 4577867
Conc: 39.34 ug/ml

Instrument :

FID_D

ClientSampleId :

PB169768BS