

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044571.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 11:05
 Operator : YP/AJ
 Sample : PB149360BSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149360BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: sample.E
 Quant Time: Dec 03 01:39:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.681	6678042	51.456 ug/ml
Spiked Amount 50.000		Recovery =	102.91%
6) S 2-Fluorobiphenyl (SURR)	8.539	4500638	50.960 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.92%
11) S ortho-Terphenyl (SURR)	11.570	7575041	46.545 ug/ml
Spiked Amount 50.000		Recovery =	93.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	5027781	35.232 ug/ml
2) T Naphthalene (C11.7)	6.027	5941002	39.513 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	6401419	42.368 ug/ml
5) T Acenaphthylene (C15.06)	8.344	7187882	51.705 ug/ml
7) T Acenaphthene (C15.5)	8.640	7514951	51.207 ug/ml
8) T Flouorene (C16.55)	9.416	7793520	54.051 ug/ml
9) T Phenanthrene (C19.36)	10.806	7938011	55.665 ug/ml
10) T Anthracene (C19.43)	10.882	7915918	56.976 ug/ml
12) T Fluoranthene (C21.85)	12.610	7874899	55.240 ug/ml
13) T Pyrene (C20.8)	12.905	7808119	56.105 ug/ml
14) T Benzo[a]anthracene (C...	14.766	7519422	58.114 ug/ml
15) T Chrysene (C27.41)	14.811	8253513	61.221 ug/ml
16) T benzo[b]fluoranthene ...	16.308	7527212	57.189 ug/ml
17) T Bnezo[k]fluoranthene ...	16.343	7025824	53.954 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.684	6620428	51.227 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.043	7132983	55.967 ug/mlm
20) T Dibenz[a,h]anthracene...	18.082	6953490	55.264 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	7034114	54.690 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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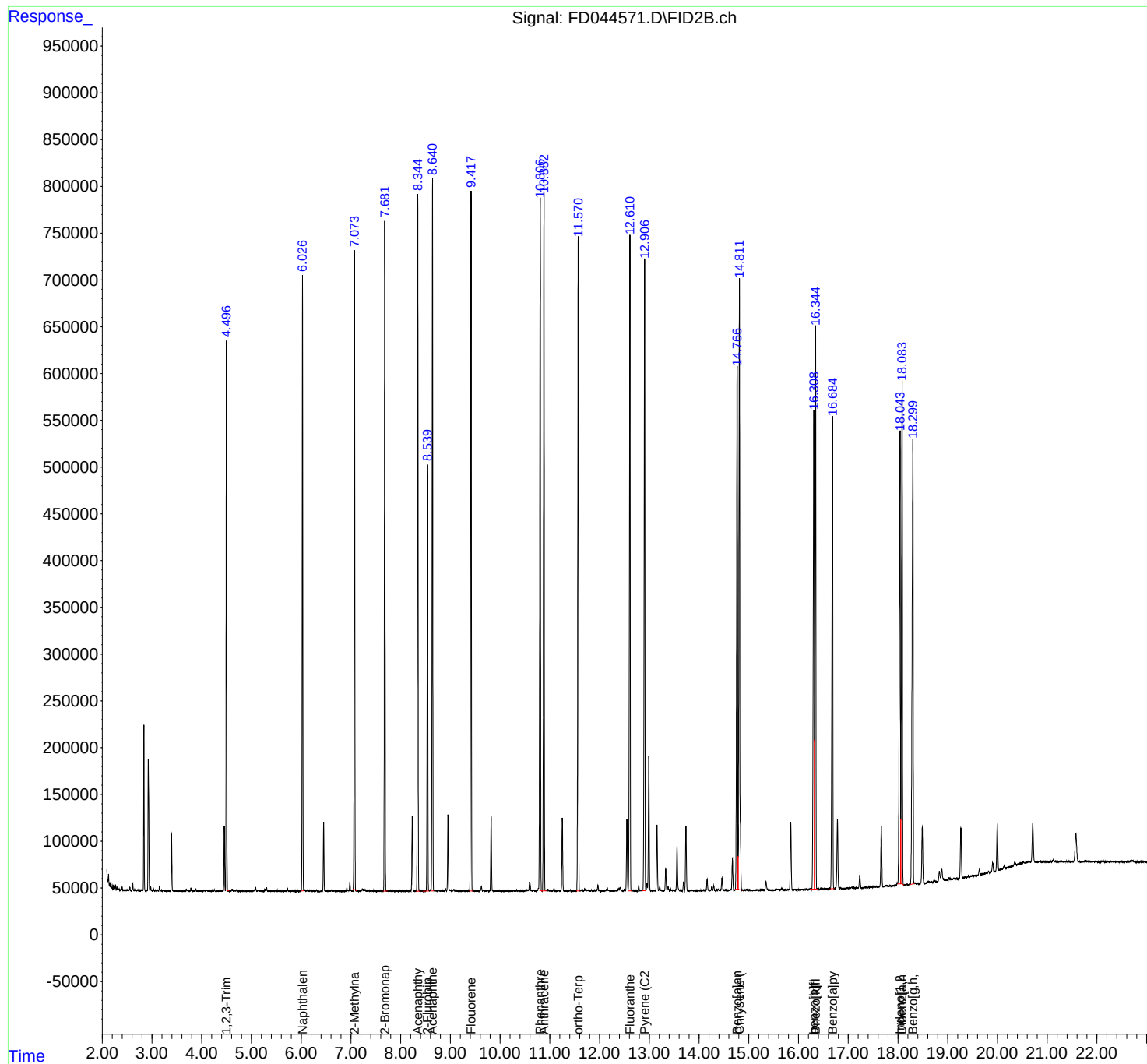
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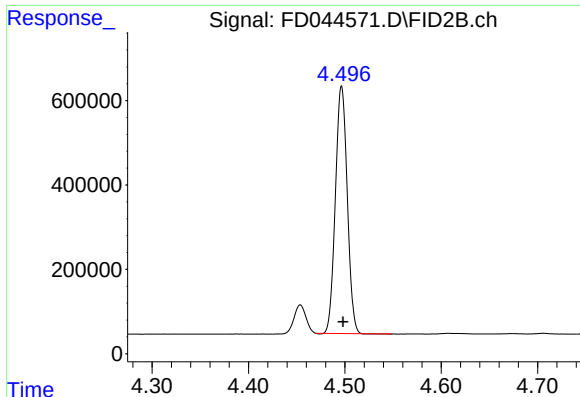
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: -0.001 min
Response: 5027781
Conc: 35.23 ug/ml

Instrument :

FID_D

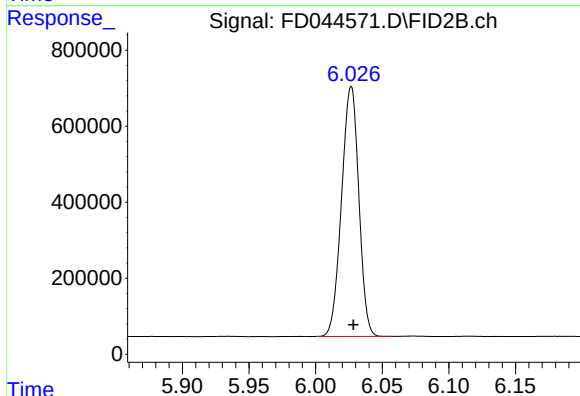
ClientSampleId :

PB149360BSD

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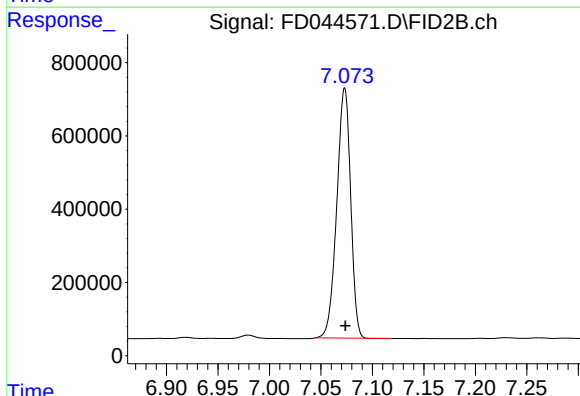
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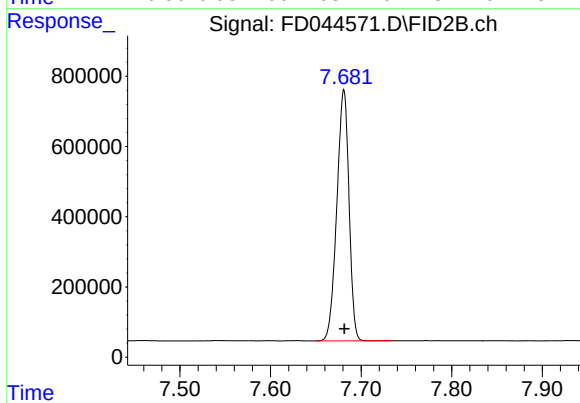
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 5941002
Conc: 39.51 ug/ml



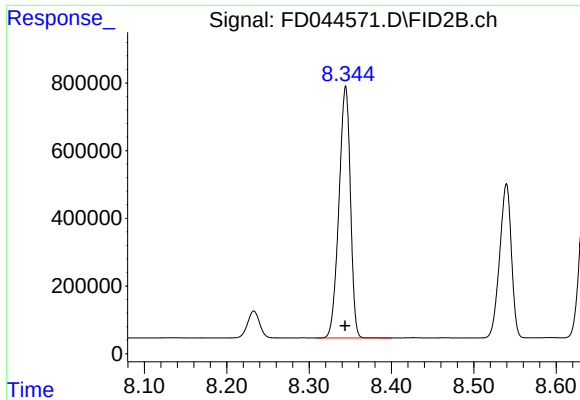
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 6401419
Conc: 42.37 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 6678042
Conc: 51.46 ug/ml



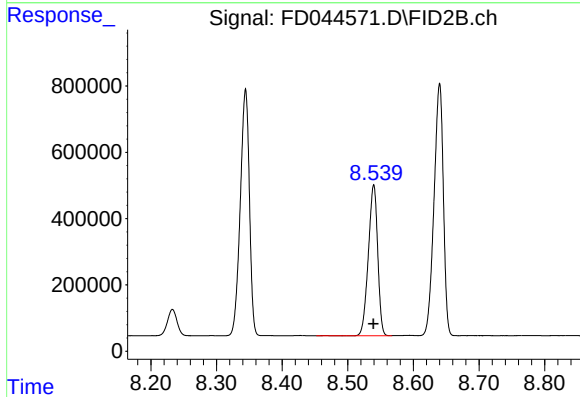
#5 Acenaphthylene (C15.06)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 7187882
Conc: 51.71 ug/ml

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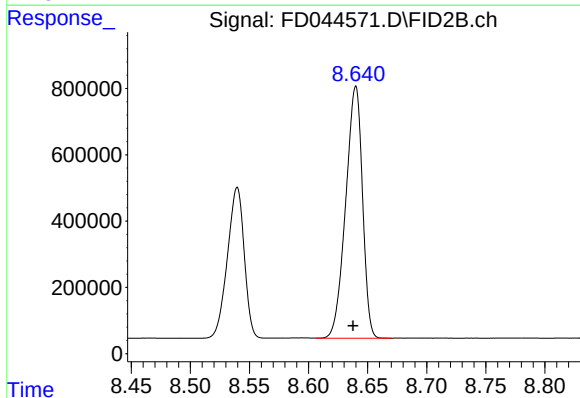
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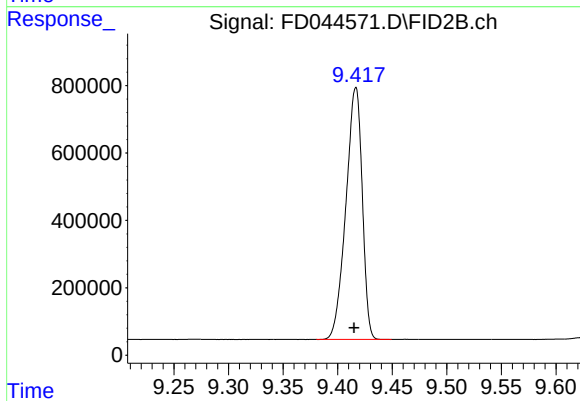
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 4500638
Conc: 50.96 ug/ml



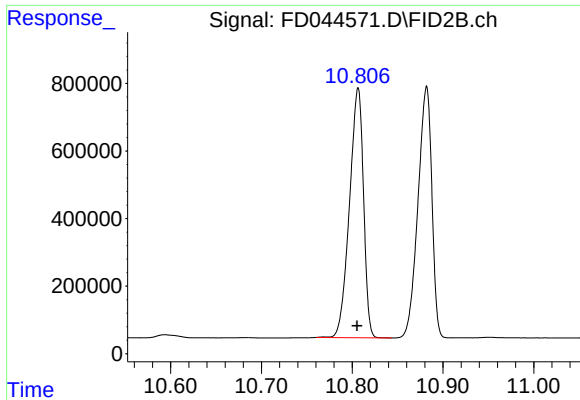
#7 Acenaphthene (C15.5)

R.T.: 8.640 min
Delta R.T.: 0.002 min
Response: 7514951
Conc: 51.21 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.416 min
Delta R.T.: 0.001 min
Response: 7793520
Conc: 54.05 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.806 min
Delta R.T.: 0.000 min
Response: 7938011
Conc: 55.67 ug/ml

Instrument :

FID_D

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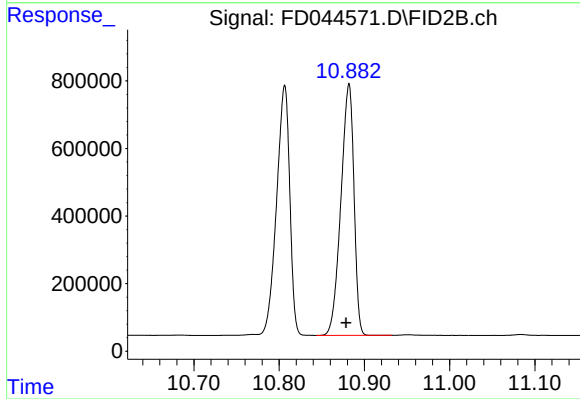
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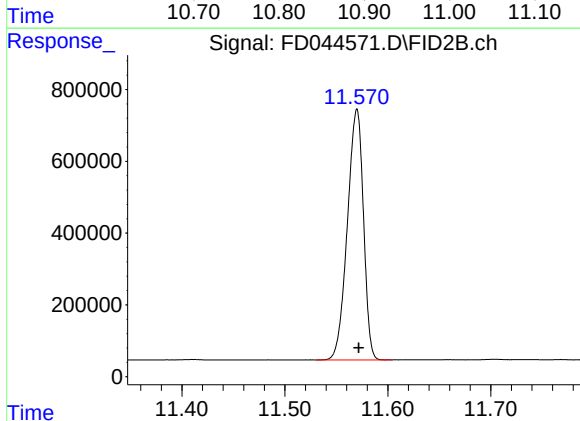
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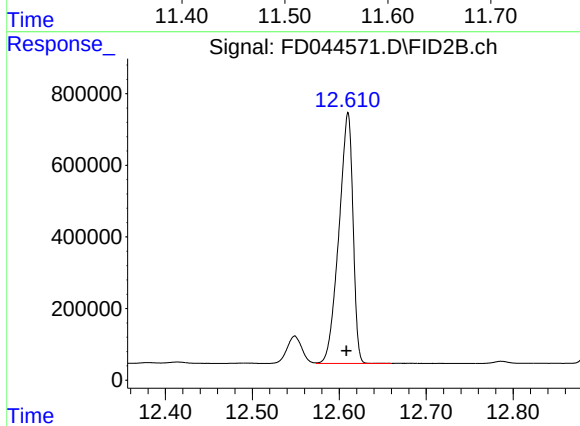
#10 Anthracene (C19.43)

R.T.: 10.882 min
Delta R.T.: 0.003 min
Response: 7915918
Conc: 56.98 ug/ml



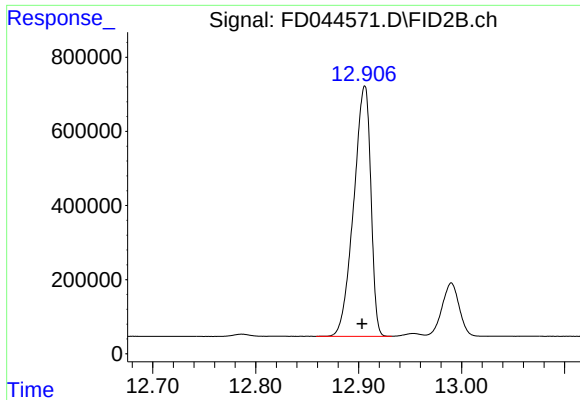
#11 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: -0.002 min
Response: 7575041
Conc: 46.55 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.610 min
Delta R.T.: 0.001 min
Response: 7874899
Conc: 55.24 ug/ml



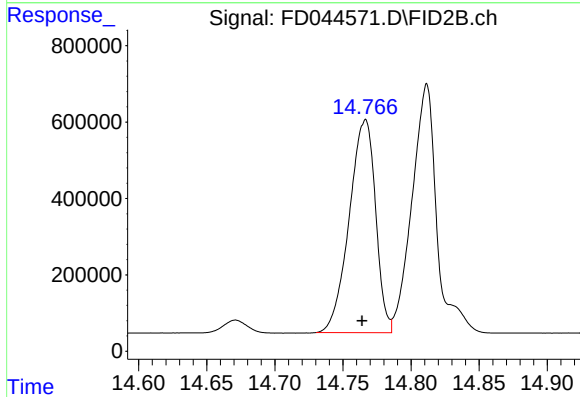
#13 Pyrene (C20.8)

R.T.: 12.905 min
Delta R.T.: 0.002 min
Response: 7808119
Conc: 56.11 ug/ml

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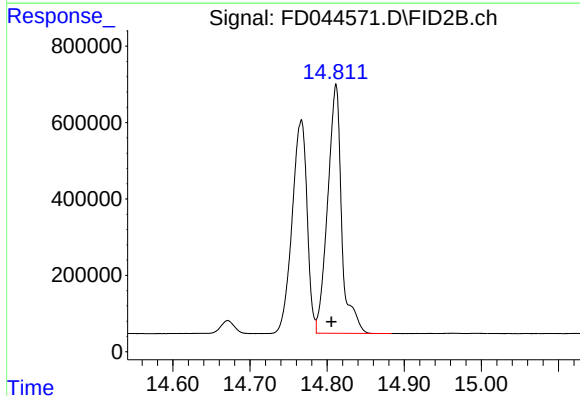
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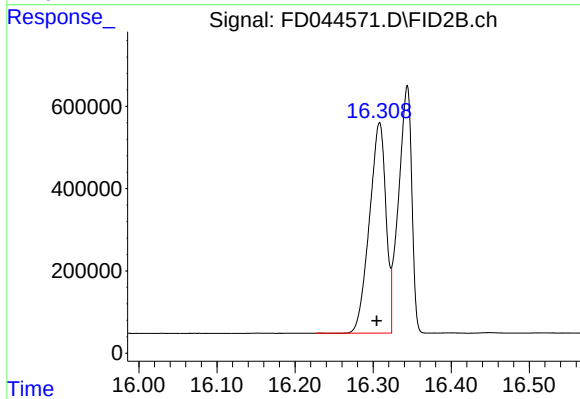
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.766 min
Delta R.T.: 0.002 min
Response: 7519422
Conc: 58.11 ug/ml



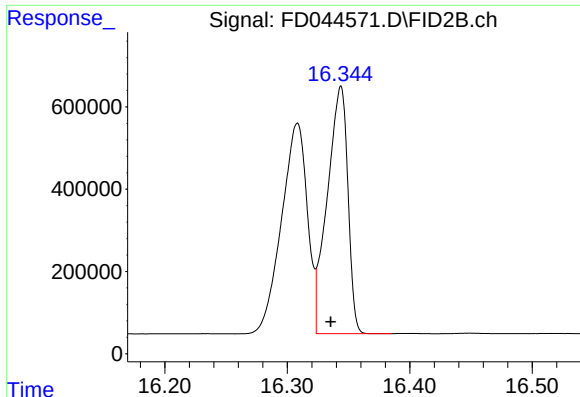
#15 Chrysene (C27.41)

R.T.: 14.811 min
Delta R.T.: 0.005 min
Response: 8253513
Conc: 61.22 ug/ml



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

R.T.: 16.308 min
Delta R.T.: 0.003 min
Response: 7527212
Conc: 57.19 ug/ml



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

R.T.: 16.343 min
Delta R.T.: 0.008 min
Response: 7025824
Conc: 53.95 ug/ml

Instrument :

FID_D

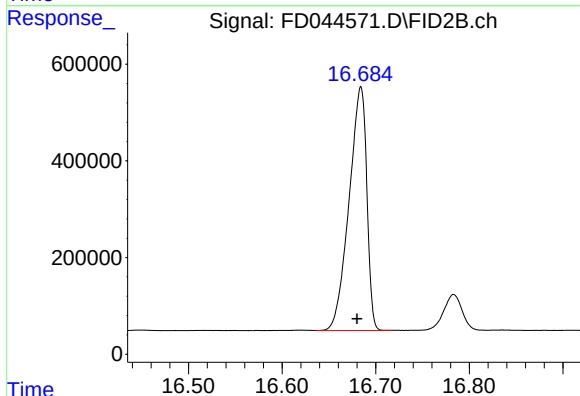
ClientSampleId :

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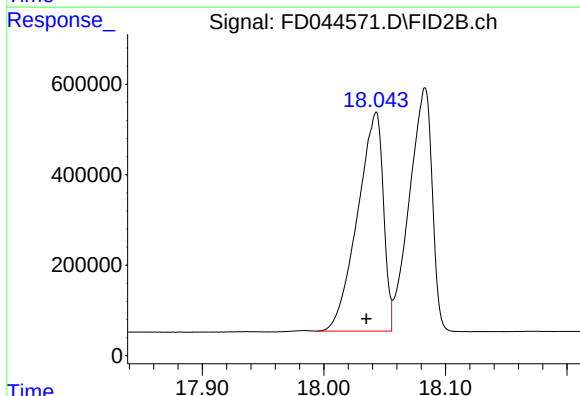
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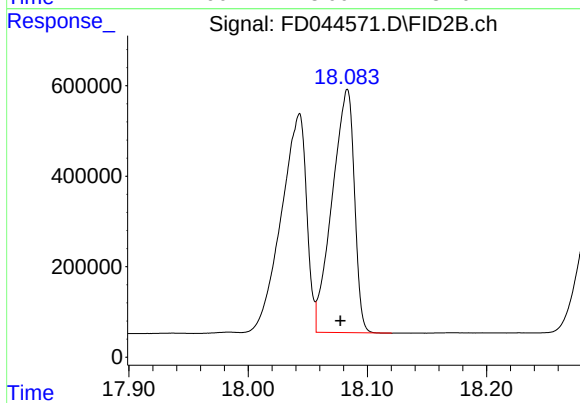
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.684 min
Delta R.T.: 0.004 min
Response: 6620428
Conc: 51.23 ug/ml m



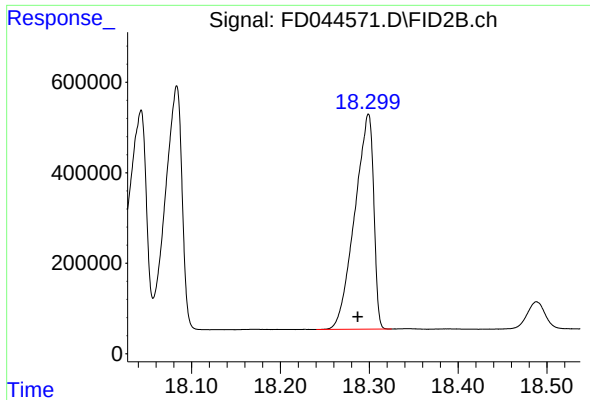
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.043 min
Delta R.T.: 0.008 min
Response: 7132983
Conc: 55.97 ug/ml m



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

R.T.: 18.082 min
Delta R.T.: 0.005 min
Response: 6953490
Conc: 55.26 ug/ml



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

R.T.: 18.298 min
Delta R.T.: 0.011 min
Response: 7034114
Conc: 54.69 ug/ml

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