

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122822AR\
 Data File : FD044733.D
 Signal(s) : FID2B.ch
 Acq On : 28 Dec 2022 17:51
 Operator : YP/AJ
 Sample : PB149940BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149940BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2022
 Supervised By :Ankita Jodhani 12/29/2022

Integration File: autoint1.e
 Quant Time: Dec 29 05:15:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.661	7399433	51.312 ug/ml
Spiked Amount 50.000		Recovery =	102.62%
6) S 2-Fluorobiphenyl (SURR)	8.519	4903073	50.510 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.02%
11) S ortho-Terphenyl (SURR)	11.548	7270404	40.353 ug/ml
Spiked Amount 50.000		Recovery =	80.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.477	5249723	32.628 ug/ml
2) T Naphthalene (C11.7)	6.007	5947779	35.437 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	6102784	36.296 ug/ml
5) T Acenaphthylene (C15.06)	8.323	6410428	42.265 ug/ml
7) T Acenaphthene (C15.5)	8.618	6523326	40.240 ug/ml
8) T Flouorene (C16.55)	9.394	6505028	40.815 ug/ml
9) T Phenanthrene (C19.36)	10.783	6522887	41.565 ug/ml
10) T Anthracene (C19.43)	10.858	6333457	50.365 ug/ml
12) T Fluoranthene (C21.85)	12.585	6518728	41.511 ug/ml
13) T Pyrene (C20.8)	12.880	6534321	42.685 ug/ml
14) T Benzo[a]anthracene (C...	14.741	6298673	44.298 ug/ml
15) T Chrysene (C27.41)	14.785	6375808	42.046 ug/mlm
16) T benzo[b]fluoranthene ...	16.282	6367768	42.340 ug/ml
17) T Bnezo[k]fluoranthene ...	16.316	6009840	39.668 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.658	5719968	39.425 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	5878043	41.566 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	5602390	38.219 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	5686390	40.028 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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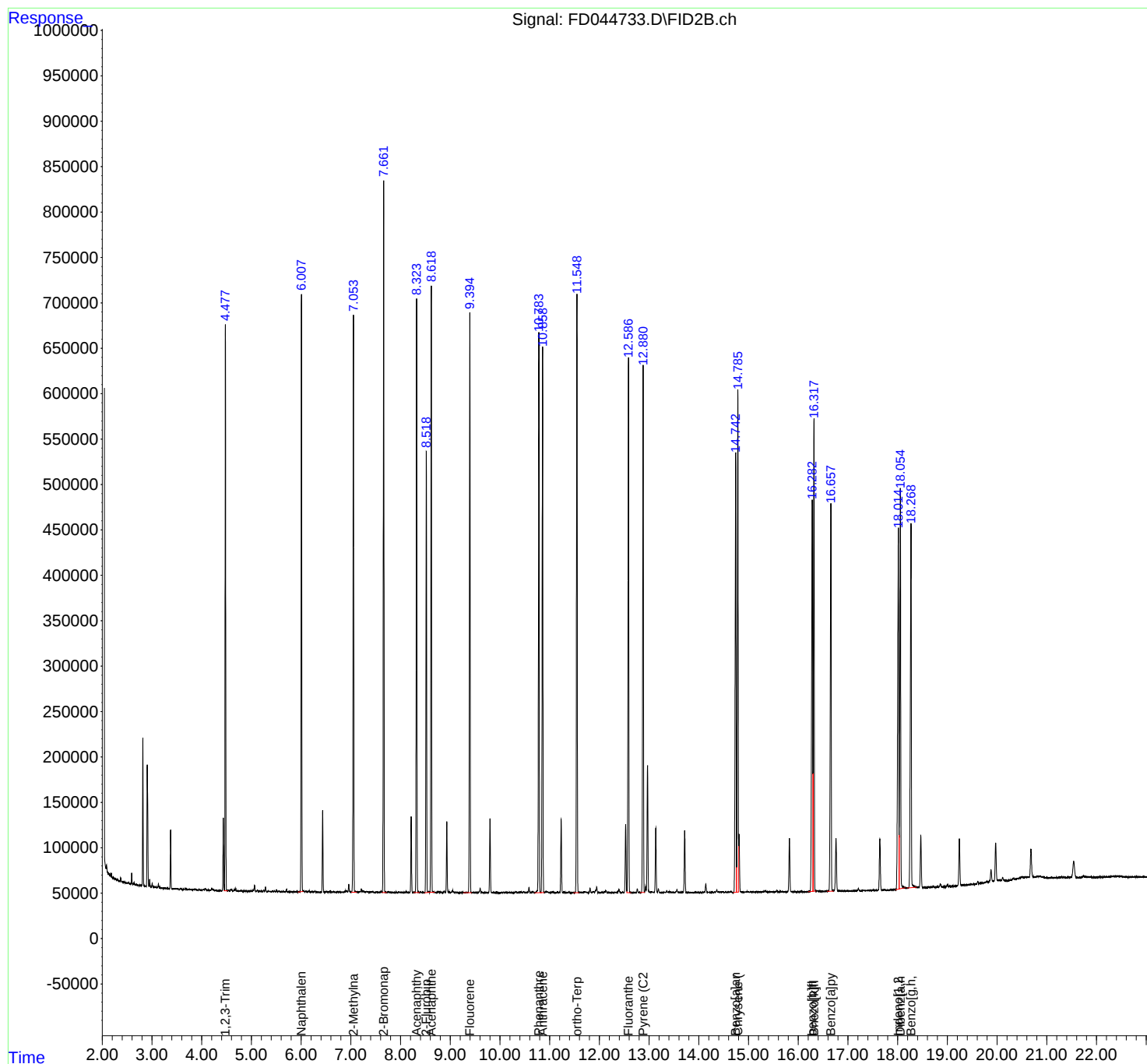
Instrument :
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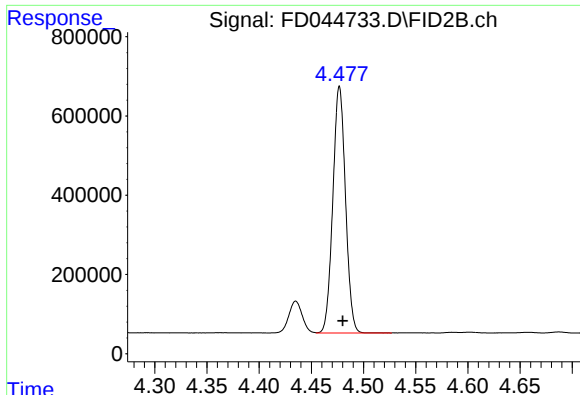
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.477 min
Delta R.T.: -0.003 min
Response: 5249723
Conc: 32.63 ug/ml

Instrument :

FID_D

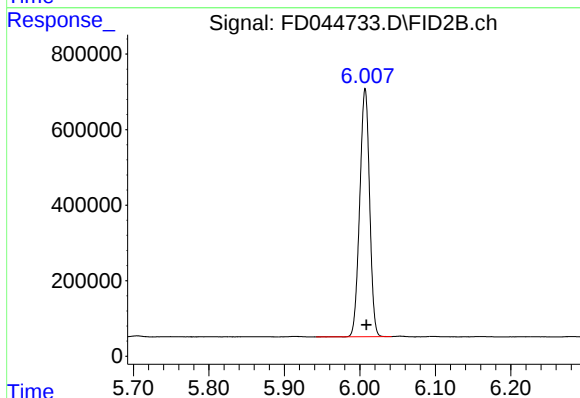
ClientSampleId :

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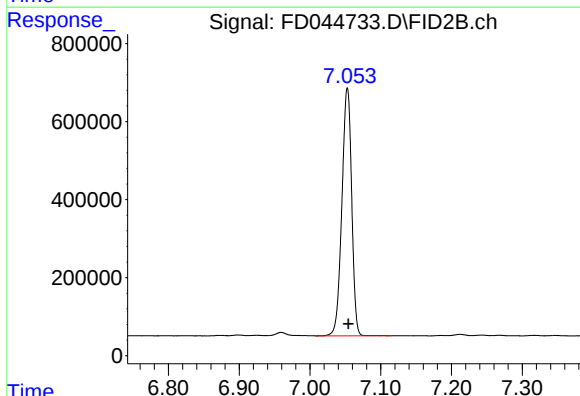
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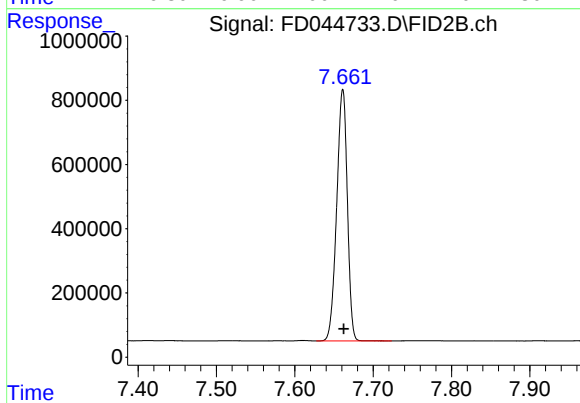
#2 Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 5947779
Conc: 35.44 ug/ml



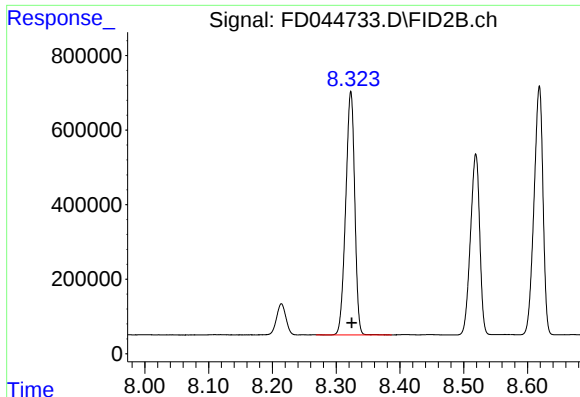
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 6102784
Conc: 36.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 7399433
Conc: 51.31 ug/ml



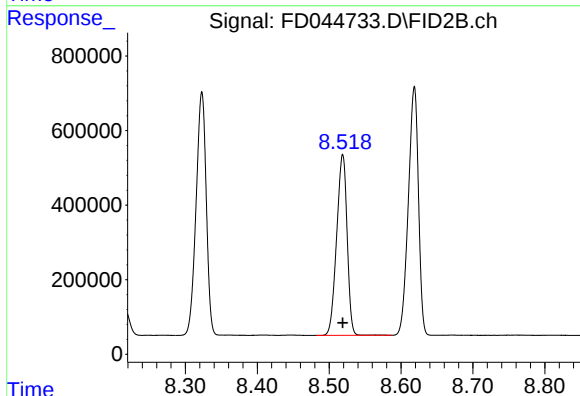
#5 Acenaphthylene (C15.06)

R.T.: 8.323 min
Delta R.T.: -0.001 min
Response: 6410428
Conc: 42.26 ug/ml

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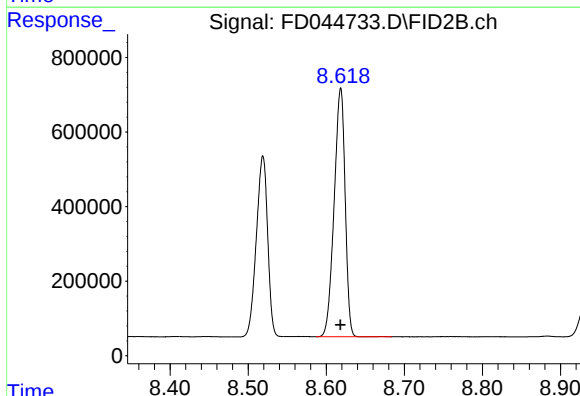
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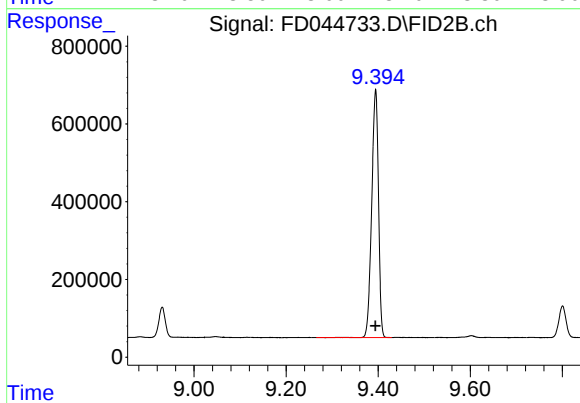
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 4903073
Conc: 50.51 ug/ml



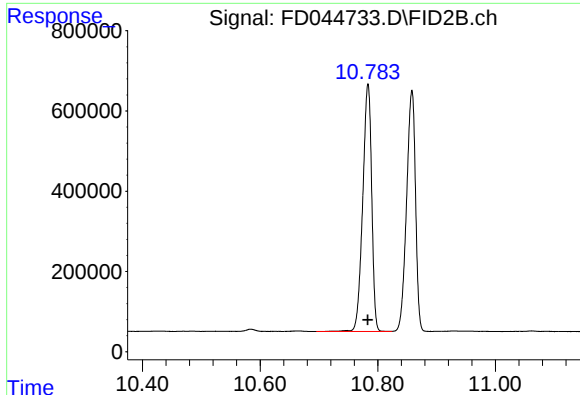
#7 Acenaphthene (C15.5)

R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 6523326
Conc: 40.24 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 6505028
Conc: 40.82 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.783 min
Delta R.T.: 0.000 min
Response: 6522887
Conc: 41.56 ug/ml

Instrument :

FID_D

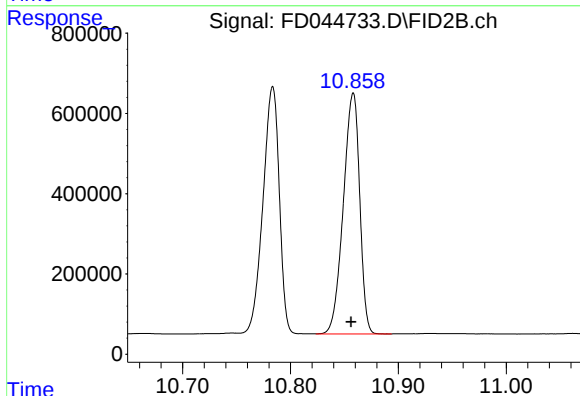
ClientSampleId :

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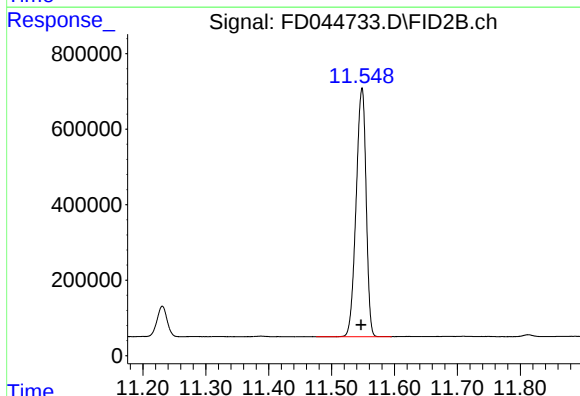
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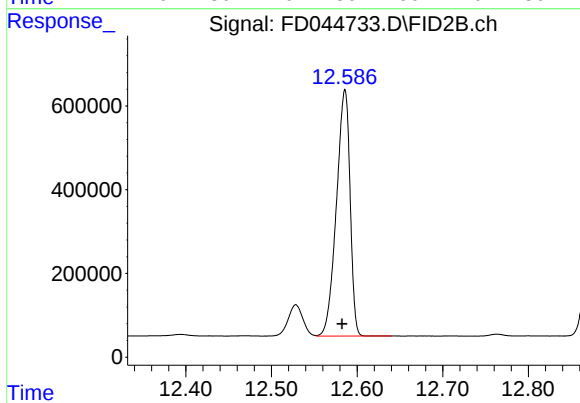
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: 0.002 min
Response: 6333457
Conc: 50.37 ug/ml



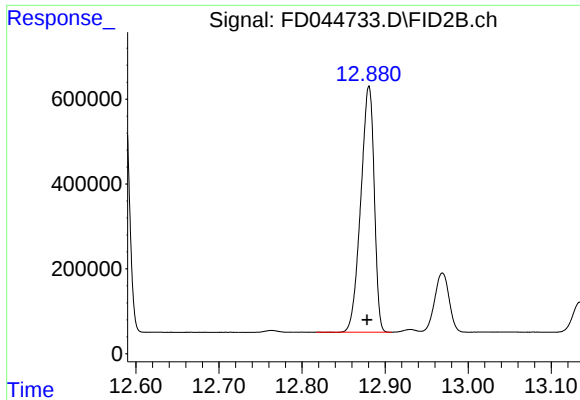
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: 0.001 min
Response: 7270404
Conc: 40.35 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: 0.003 min
Response: 6518728
Conc: 41.51 ug/ml



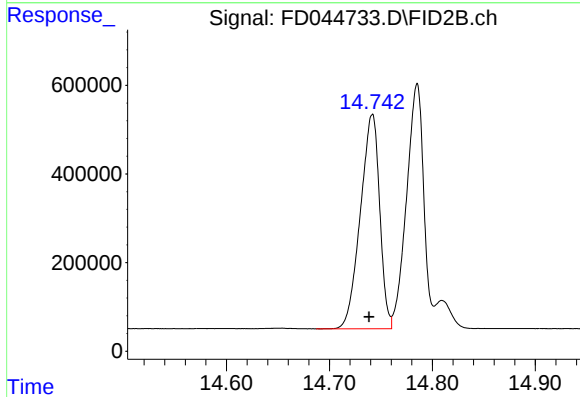
#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: 0.002 min
Response: 6534321
Conc: 42.68 ug/ml

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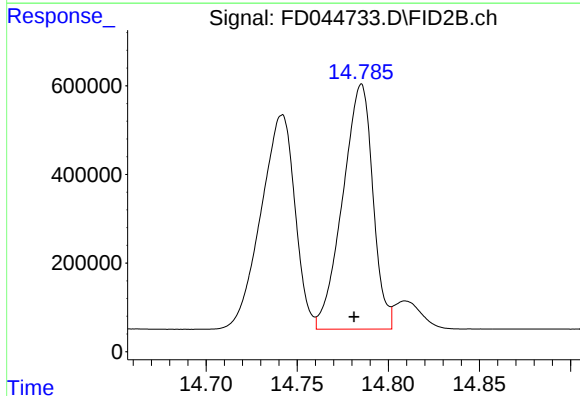
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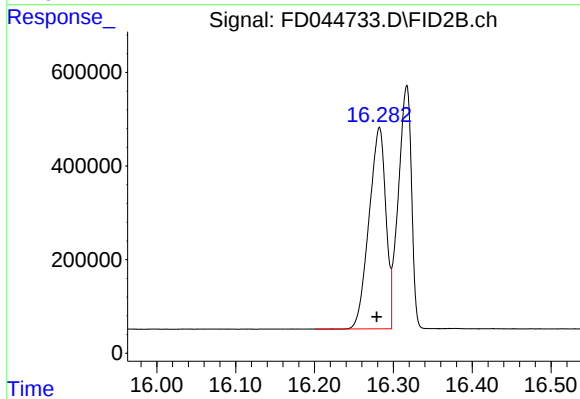
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.003 min
Response: 6298673
Conc: 44.30 ug/ml



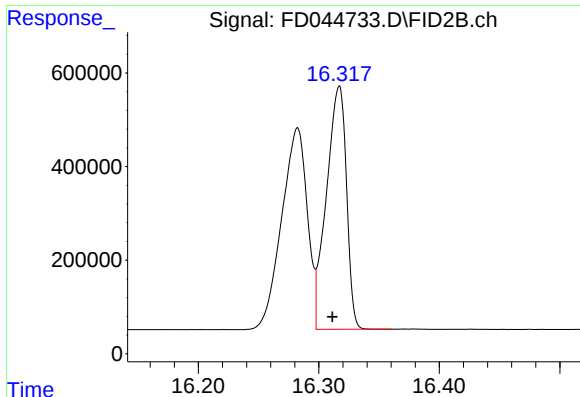
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: 0.004 min
Response: 6375808
Conc: 42.05 ug/ml m



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

R.T.: 16.282 min
Delta R.T.: 0.003 min
Response: 6367768
Conc: 42.34 ug/ml



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

R.T.: 16.316 min
Delta R.T.: 0.005 min
Response: 6009840
Conc: 39.67 ug/ml

Instrument :

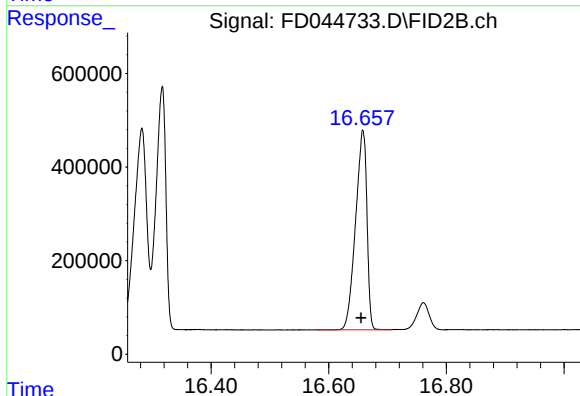
FID_D

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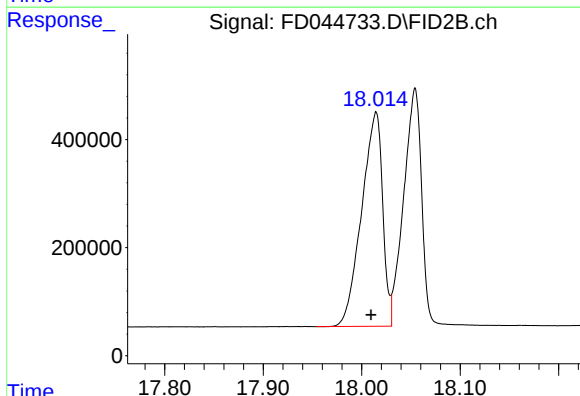
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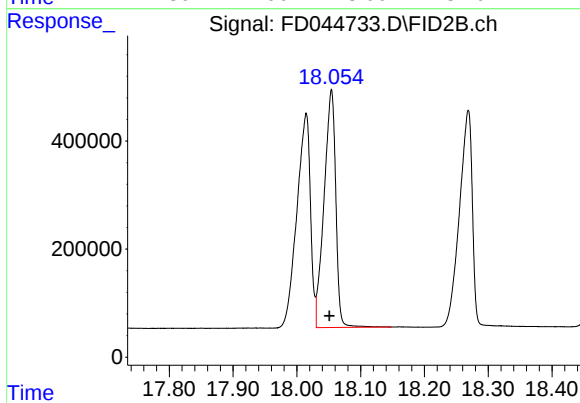
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.658 min
Delta R.T.: 0.003 min
Response: 5719968
Conc: 39.43 ug/ml



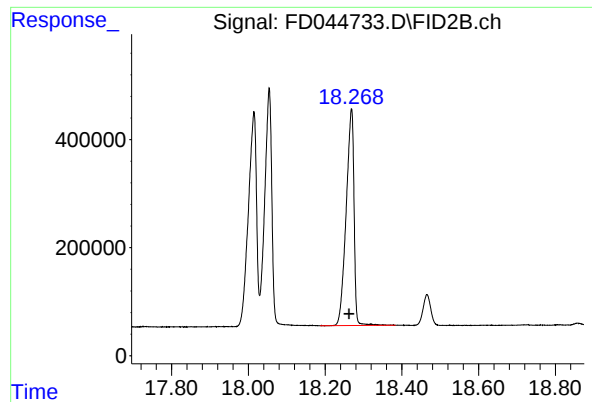
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: 0.004 min
Response: 5878043
Conc: 41.57 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.003 min
Response: 5602390
Conc: 38.22 ug/ml



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

R.T.: 18.268 min
Delta R.T.: 0.006 min
Response: 5686390
Conc: 40.03 ug/ml

Instrument :

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