

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011623AR\
 Data File : FD044806.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jan 2023 12:12
 Operator : YP/AJ
 Sample : PB150234BSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150234BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/17/2023
 Supervised By :Ankita Jodhani 01/17/2023

Integration File: autoint1.e
 Quant Time: Jan 17 01:27:40 2023
 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...	7.665	8333255	57.788 ug/ml
Spiked Amount 50.000		Recovery =	115.58%
6) S 2-Fluorobiphenyl (SURR)	8.522	5257559	54.162 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.32%
11) S ortho-Terphenyl (SURR)	11.551	8497921	47.166 ug/ml
Spiked Amount 50.000		Recovery =	94.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	6261400	38.916 ug/ml
2) T Naphthalene (C11.7)	6.011	6286768	37.457 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	6574538	39.102 ug/ml
5) T Acenaphthylene (C15.06)	8.326	6592998	43.468 ug/ml
7) T Acenaphthene (C15.5)	8.621	7184387	44.318 ug/ml
8) T Flouorene (C16.55)	9.396	6863781	43.066 ug/ml
9) T Phenanthrene (C19.36)	10.785	6793258	43.287 ug/ml
10) T Anthracene (C19.43)	10.859	6569400	52.242 ug/ml
12) T Fluoranthene (C21.85)	12.587	6776879	43.155 ug/ml
13) T Pyrene (C20.8)	12.883	6965451	45.501 ug/ml
14) T Benzo[a]anthracene (C...	14.743	6442537	45.310 ug/ml
15) T Chrysene (C27.41)	14.787	7597731	50.104 ug/mlm
16) T benzo[b]fluoranthene ...	16.283	6293357	41.846 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	6024182	39.763 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.658	5727041	39.474 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	5498887	38.885 ug/ml
20) T Dibenz[a,h]anthracene...	18.053	5462227	37.262 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	5638406	39.691 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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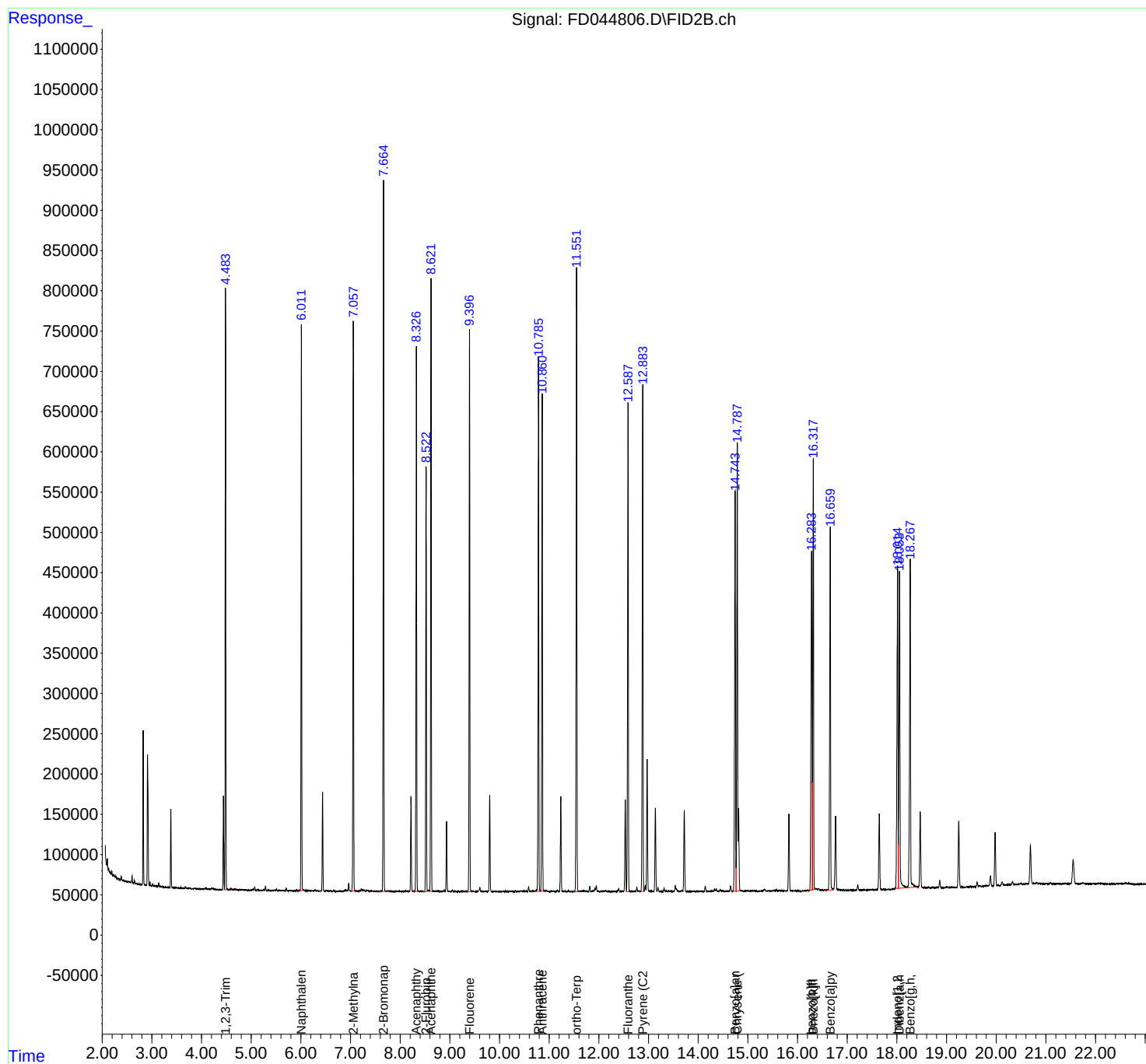
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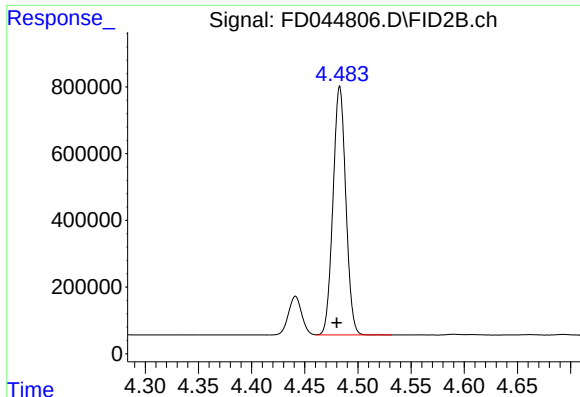
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 6261400
Conc: 38.92 ug/ml

Instrument :

FID_D

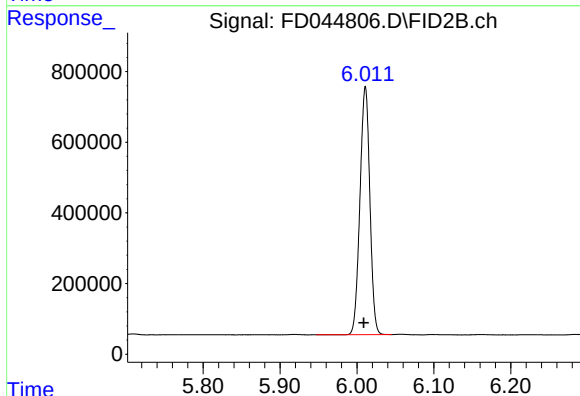
ClientSampleId :

PB150234BSD

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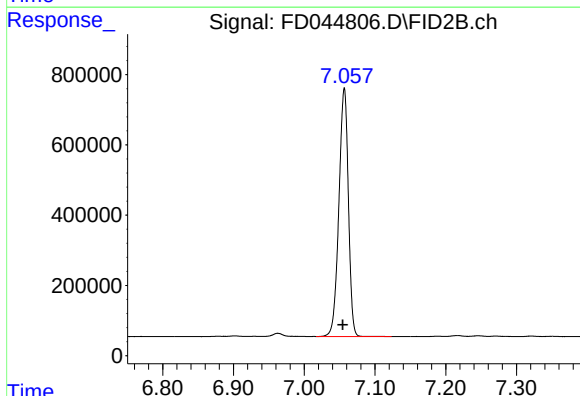
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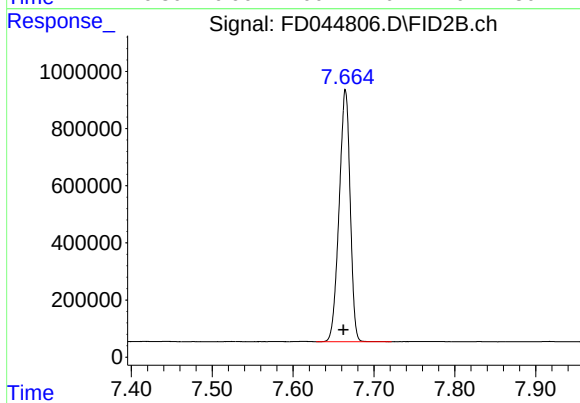
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 6286768
Conc: 37.46 ug/ml



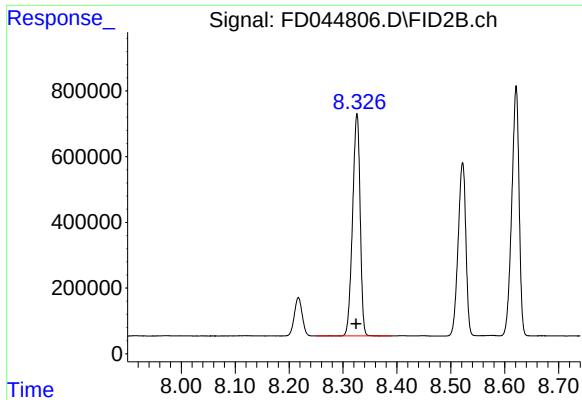
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 6574538
Conc: 39.10 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.665 min
Delta R.T.: 0.002 min
Response: 8333255
Conc: 57.79 ug/ml



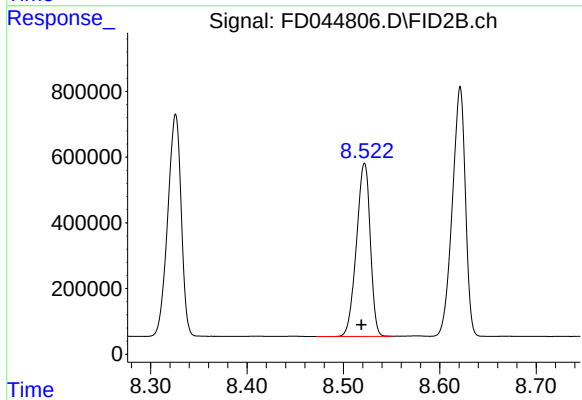
#5 Acenaphthylene (C15.06)

R.T.: 8.326 min
Delta R.T.: 0.002 min
Response: 6592998
Conc: 43.47 ug/ml

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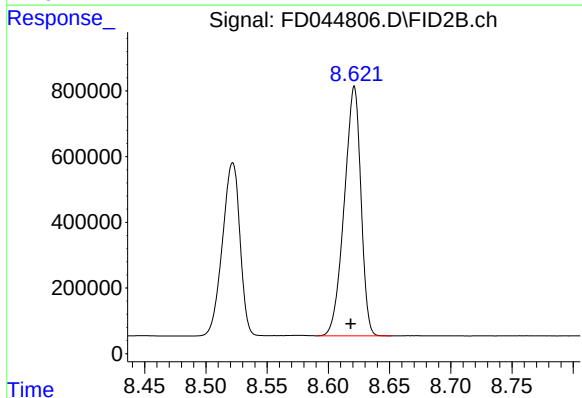
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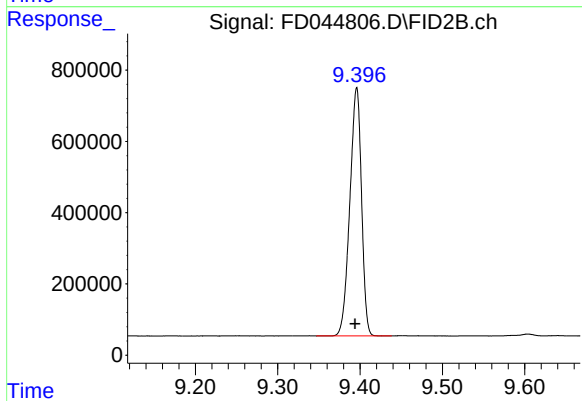
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.522 min
Delta R.T.: 0.003 min
Response: 5257559
Conc: 54.16 ug/ml



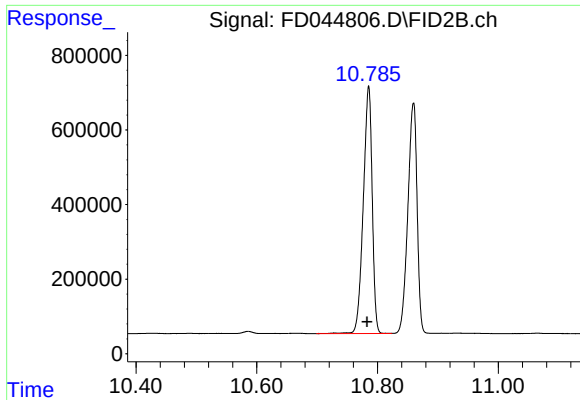
#7 Acenaphthene (C15.5)

R.T.: 8.621 min
Delta R.T.: 0.003 min
Response: 7184387
Conc: 44.32 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.396 min
Delta R.T.: 0.002 min
Response: 6863781
Conc: 43.07 ug/ml



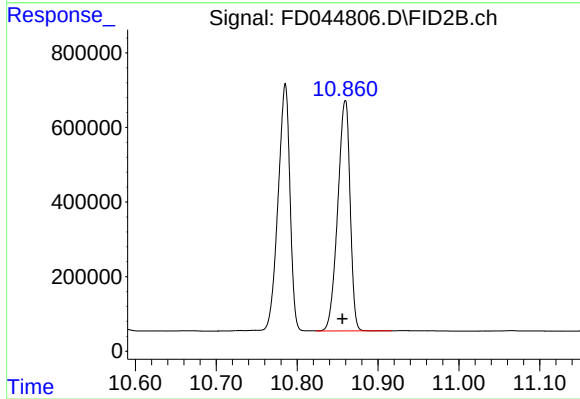
#9 Phenanthrene (C19.36)

R.T.: 10.785 min
Delta R.T.: 0.002 min
Response: 6793258
Conc: 43.29 ug/ml

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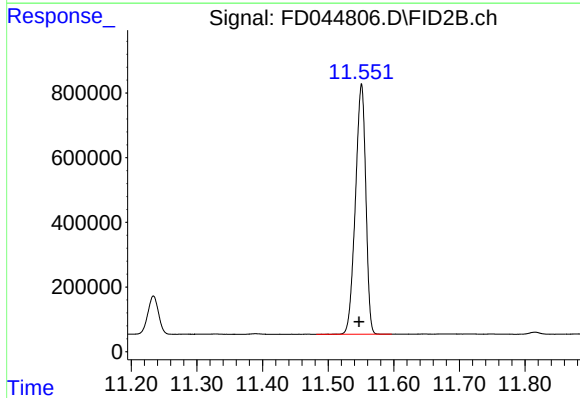
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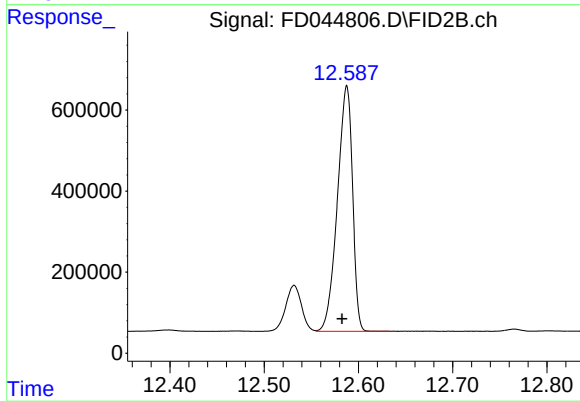
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: 0.003 min
Response: 6569400
Conc: 52.24 ug/ml



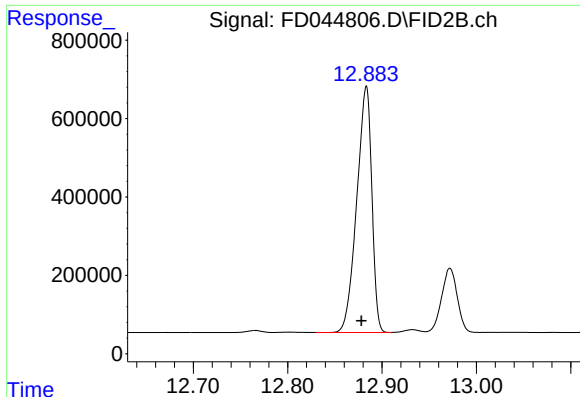
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.004 min
Response: 8497921
Conc: 47.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.587 min
Delta R.T.: 0.005 min
Response: 6776879
Conc: 43.16 ug/ml



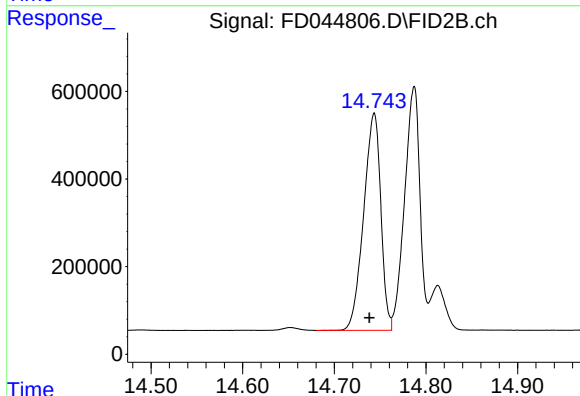
#13 Pyrene (C20.8)

R.T.: 12.883 min
Delta R.T.: 0.005 min
Response: 6965451
Conc: 45.50 ug/ml

Instrument :
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PB150234BSD

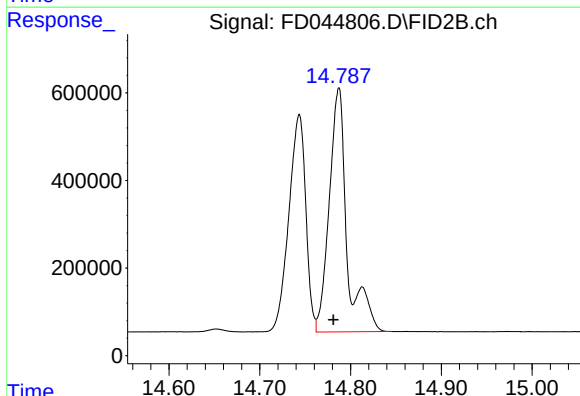
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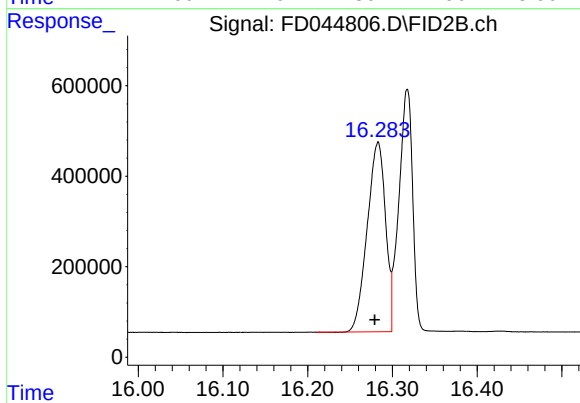
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.005 min
Response: 6442537
Conc: 45.31 ug/ml



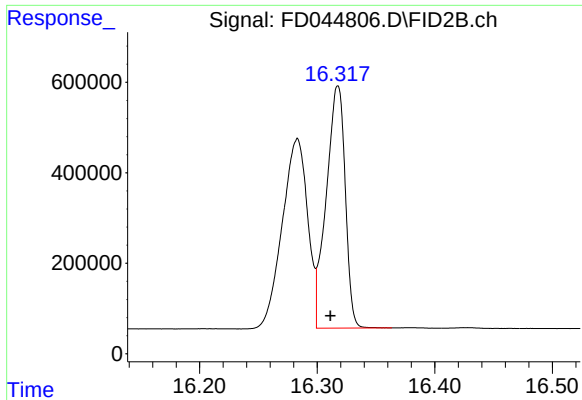
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: 0.006 min
Response: 7597731
Conc: 50.10 ug/ml m



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

R.T.: 16.283 min
Delta R.T.: 0.004 min
Response: 6293357
Conc: 41.85 ug/ml



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

R.T.: 16.317 min
Delta R.T.: 0.006 min
Response: 6024182
Conc: 39.76 ug/ml

Instrument :

FID_D

ClientSampleId :

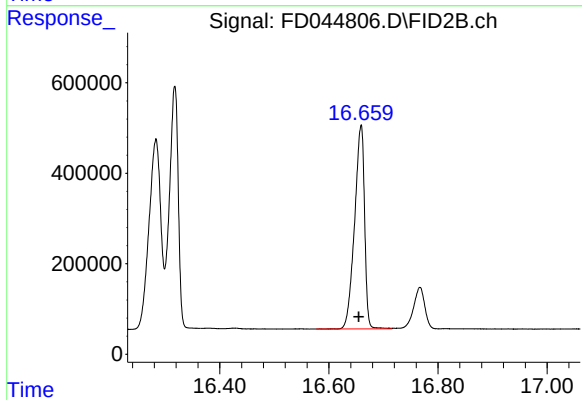
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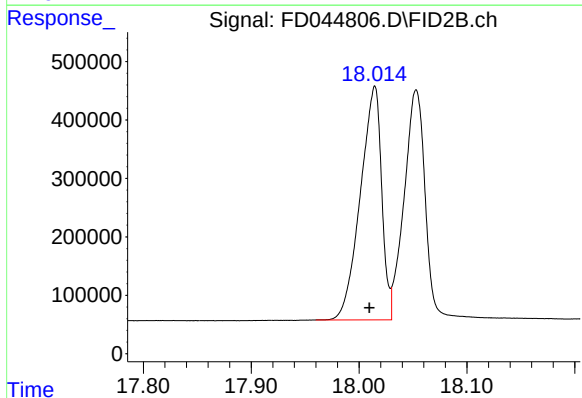
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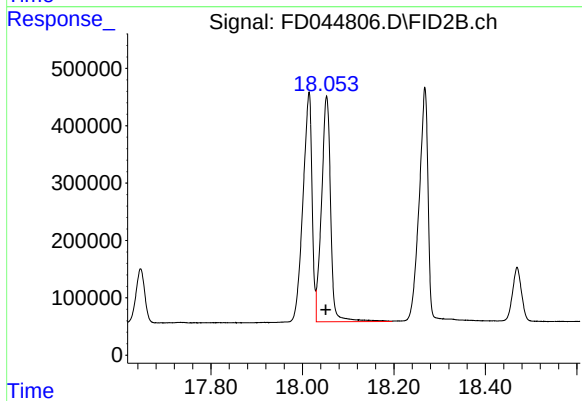
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.658 min
Delta R.T.: 0.004 min
Response: 5727041
Conc: 39.47 ug/ml



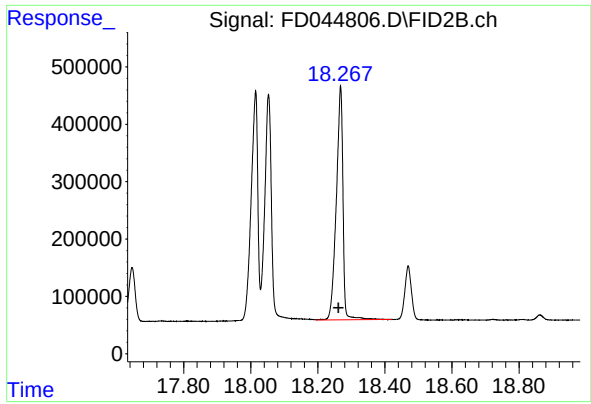
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: 0.004 min
Response: 5498887
Conc: 38.88 ug/ml



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

R.T.: 18.053 min
Delta R.T.: 0.002 min
Response: 5462227
Conc: 37.26 ug/ml



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

R.T.: 18.268 min
Delta R.T.: 0.006 min
Response: 5638406
Conc: 39.69 ug/ml

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