

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
 Data File : FD043629.D
 Signal(s) : FID2B.ch
 Acq On : 17 Aug 2022 16:27
 Operator : YP/AJ
 Sample : PB147084BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147084BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2022
 Supervised By :Ankita Jodhani 08/18/2022

Integration File: sample.E
 Quant Time: Aug 17 23:38:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.608	5884249	41.599 ug/ml
Spiked Amount 50.000		Recovery =	83.20%
6) S 2-Fluorobiphenyl (SURR)	8.472	3736120	39.300 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.60%
11) S ortho-Terphenyl (SURR)	11.520	5779284	34.098 ug/ml
Spiked Amount 50.000		Recovery =	68.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.402	4253435	27.120 ug/mlm
2) T Naphthalene (C11.7)	5.942	4751136	29.384 ug/ml
3) T 2-Methylnaphthalene (...)	6.996	4870229	33.261 ug/ml
5) T Acenaphthylene (C15.06)	8.274	4772602	29.399 ug/ml
7) T Acenaphthene (C15.5)	8.571	5132473	31.746 ug/ml
8) T Flouorene (C16.55)	9.353	5182996	33.077 ug/ml
9) T Phenanthrene (C19.36)	10.752	5180708	33.056 ug/ml
10) T Anthracene (C19.43)	10.827	5112013	33.191 ug/ml
12) T Fluoranthene (C21.85)	12.566	5206706	32.874 ug/ml
13) T Pyrene (C20.8)	12.864	5182443	32.976 ug/ml
14) T Benzo[a]anthracene (C...	14.739	5023176	34.048 ug/ml
15) T Chrysene (C27.41)	14.783	5492045	35.147 ug/ml
16) T benzo[b]fluoranthene ...	16.292	5110432	34.164 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	5037272	33.570 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	4630219	32.758 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.039	5043760	42.677 ug/mlm
20) T Dibenz[a,h]anthracene...	18.077	4906032	34.588 ug/ml
21) T Benzo[g,h,i]perylene ...	18.294	4856778	37.347 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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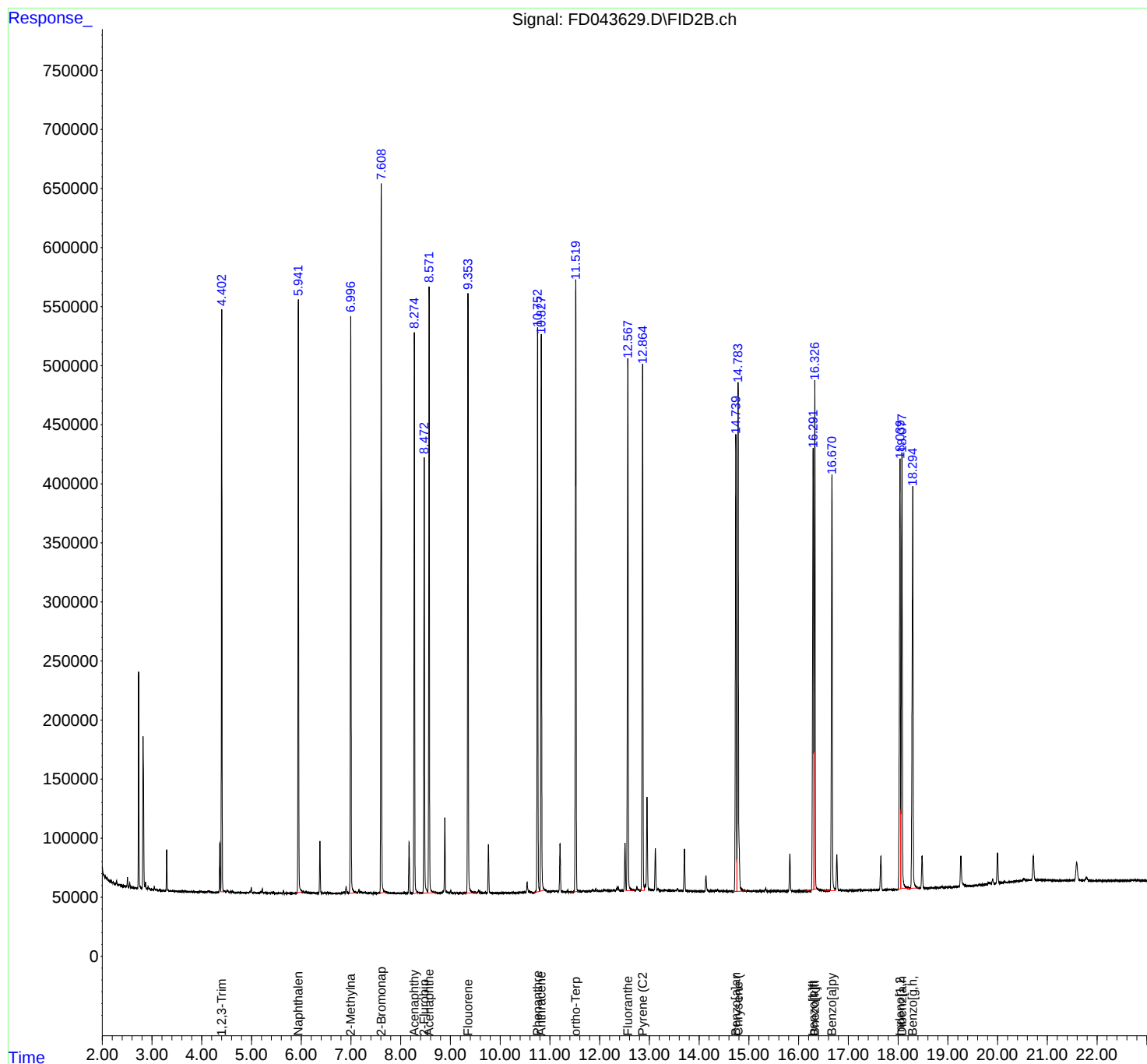
Instrument :
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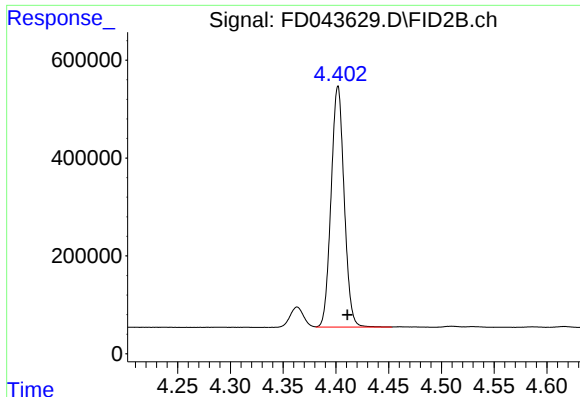
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.402 min
Delta R.T.: -0.009 min
Response: 4253435
Conc: 27.12 ug/ml

Instrument :

FID_D

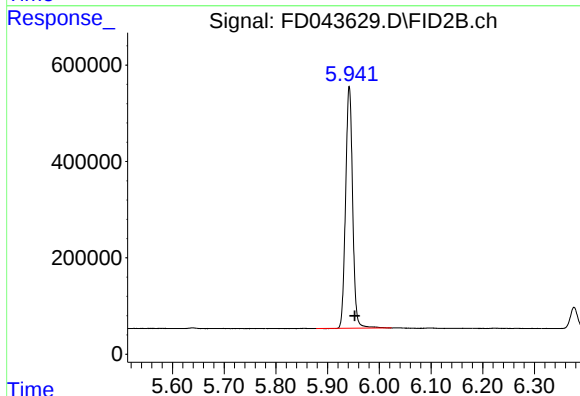
ClientSampleId :

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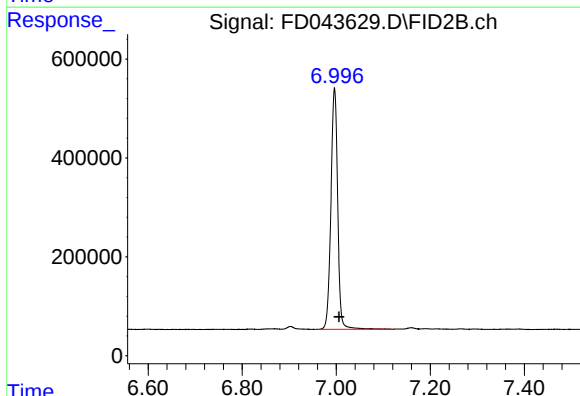
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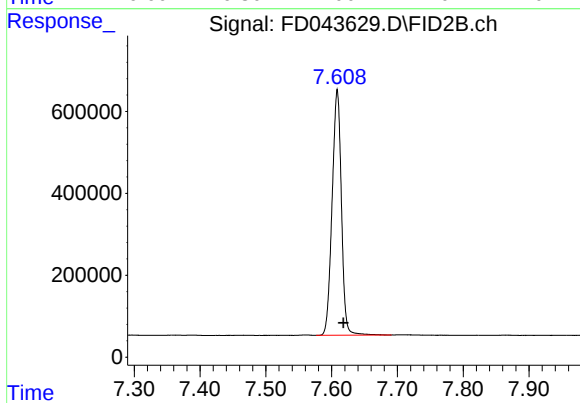
#2 Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.010 min
Response: 4751136
Conc: 29.38 ug/ml



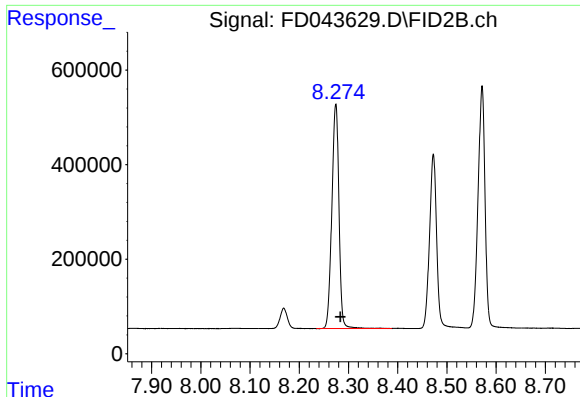
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: -0.010 min
Response: 4870229
Conc: 33.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.608 min
Delta R.T.: -0.009 min
Response: 5884249
Conc: 41.60 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.274 min
Delta R.T.: -0.009 min
Response: 4772602
Conc: 29.40 ug/ml

Instrument :

FID_D

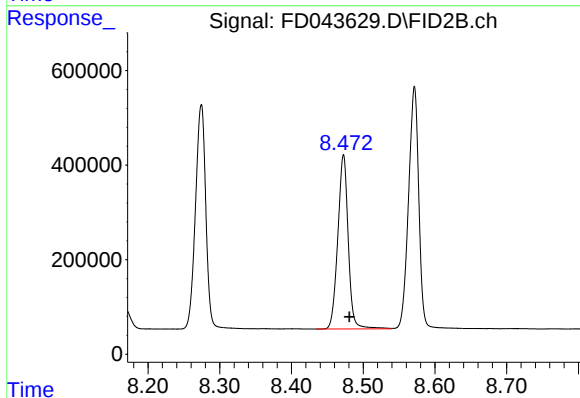
ClientSampleId :

PB147084BSD

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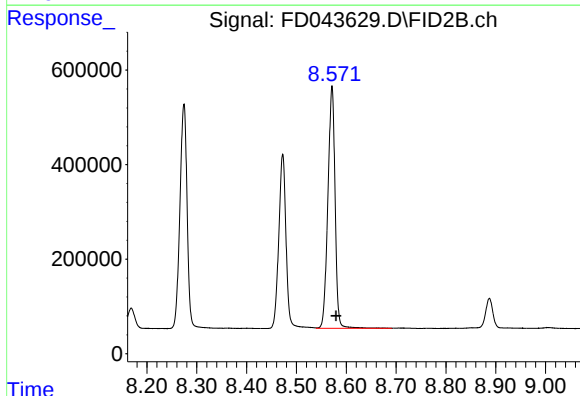
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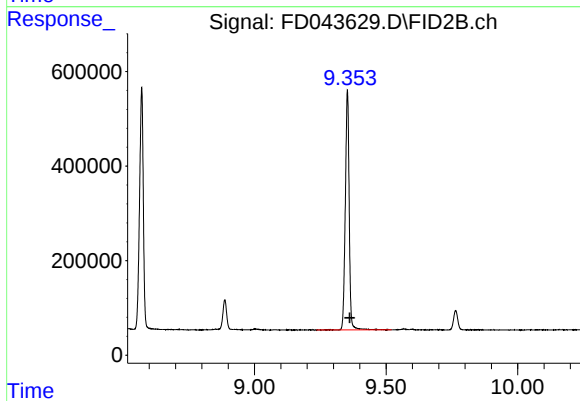
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min
Delta R.T.: -0.009 min
Response: 3736120
Conc: 39.30 ug/ml



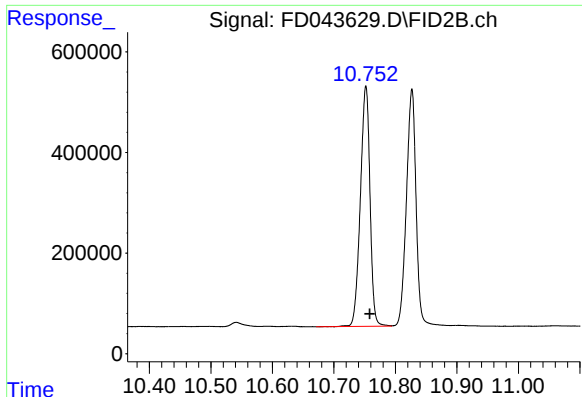
#7 Acenaphthene (C15.5)

R.T.: 8.571 min
Delta R.T.: -0.009 min
Response: 5132473
Conc: 31.75 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.353 min
Delta R.T.: -0.009 min
Response: 5182996
Conc: 33.08 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.752 min
Delta R.T.: -0.007 min
Response: 5180708
Conc: 33.06 ug/ml

Instrument :

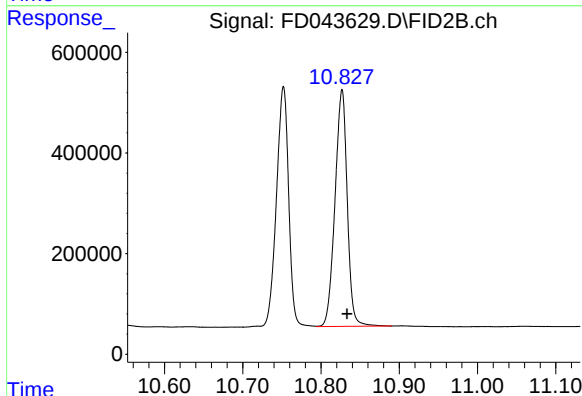
FID_D

ClientSampleId :

PB147084BSD

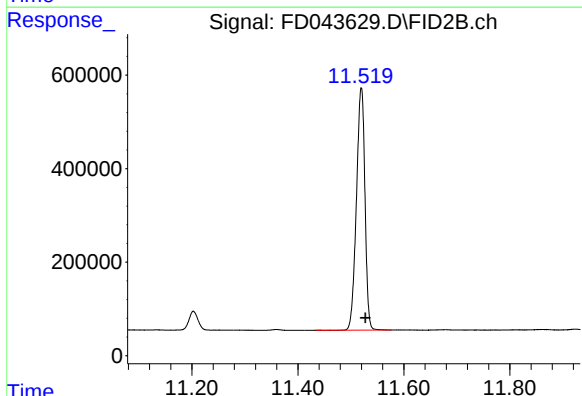
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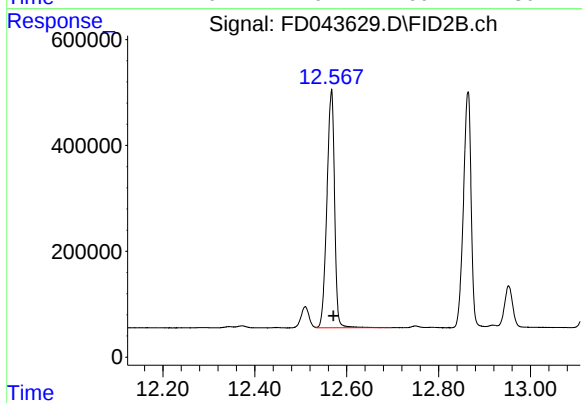
#10 Anthracene (C19.43)

R.T.: 10.827 min
Delta R.T.: -0.007 min
Response: 5112013
Conc: 33.19 ug/ml



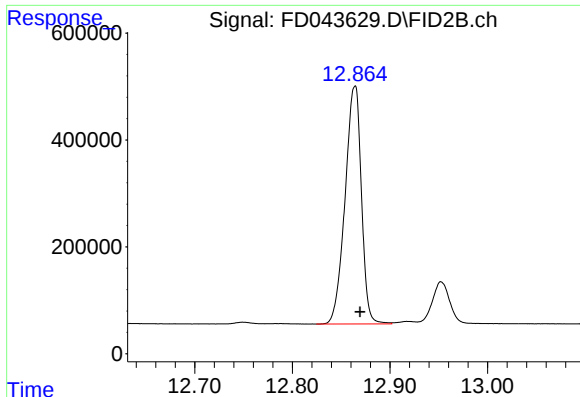
#11 ortho-Terphenyl (SURR)

R.T.: 11.520 min
Delta R.T.: -0.008 min
Response: 5779284
Conc: 34.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.566 min
Delta R.T.: -0.005 min
Response: 5206706
Conc: 32.87 ug/ml



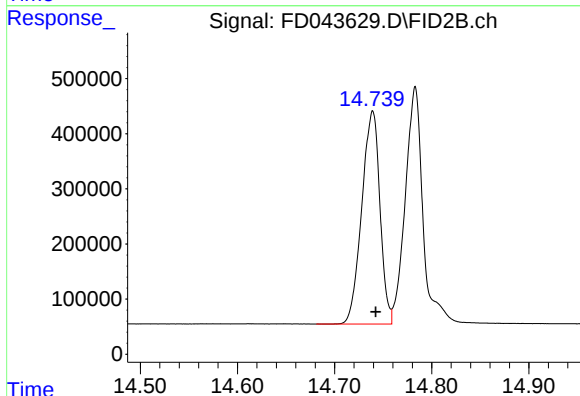
#13 Pyrene (C20.8)

R.T.: 12.864 min
Delta R.T.: -0.006 min
Response: 5182443
Conc: 32.98 ug/ml

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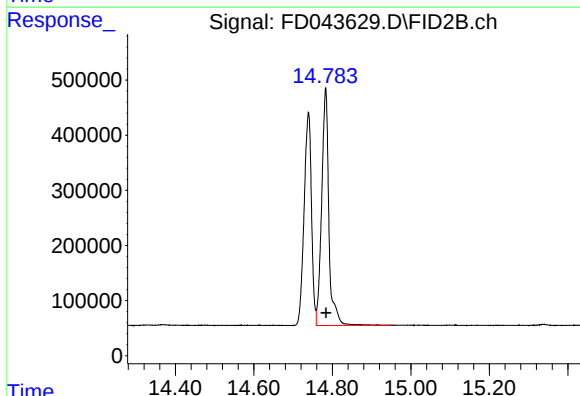
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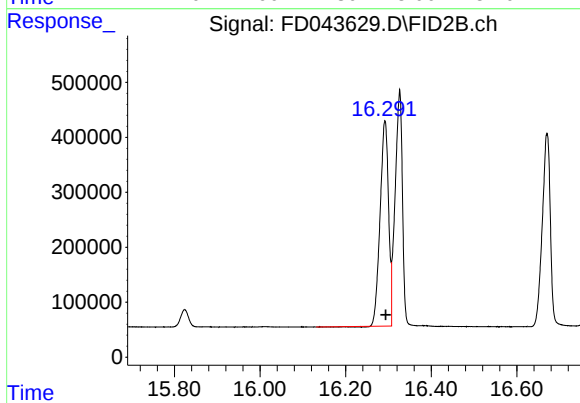
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: -0.004 min
Response: 5023176
Conc: 34.05 ug/ml



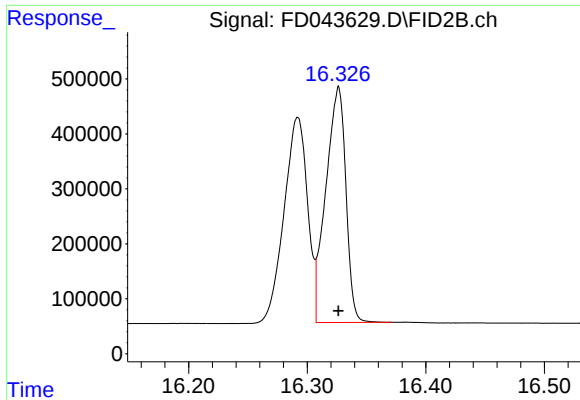
#15 Chrysene (C27.41)

R.T.: 14.783 min
Delta R.T.: -0.001 min
Response: 5492045
Conc: 35.15 ug/ml



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

R.T.: 16.292 min
Delta R.T.: -0.002 min
Response: 5110432
Conc: 34.16 ug/ml



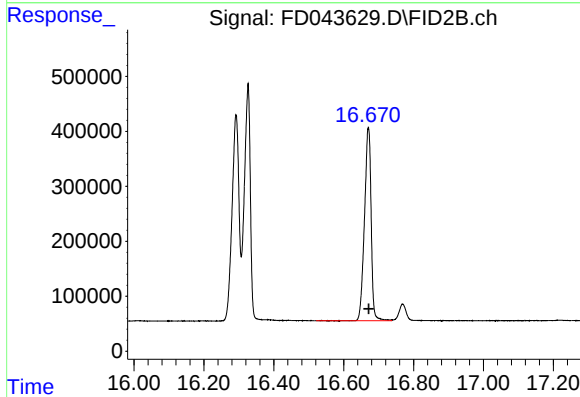
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.326 min
Delta R.T.: 0.000 min
Response: 5037272
Conc: 33.57 ug/ml

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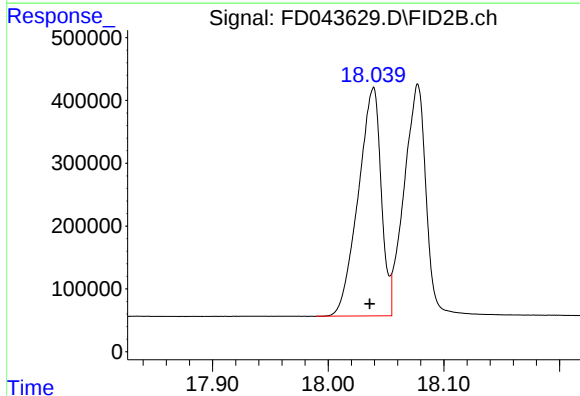
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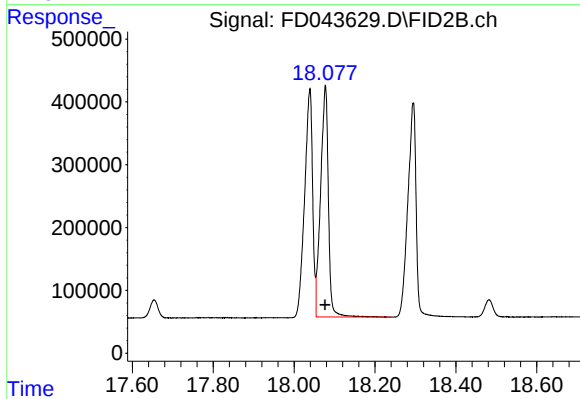
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.000 min
Response: 4630219
Conc: 32.76 ug/ml



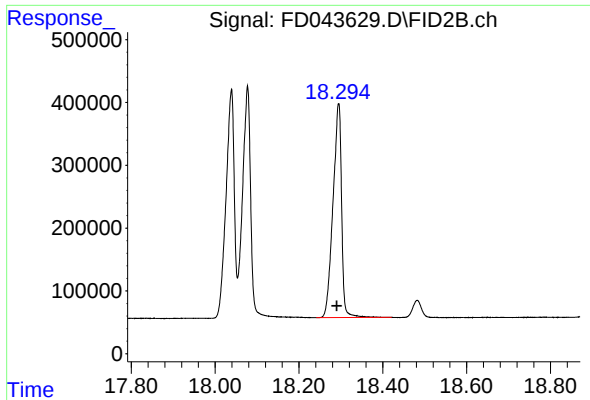
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.039 min
Delta R.T.: 0.003 min
Response: 5043760
Conc: 42.68 ug/ml m



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

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 4906032
Conc: 34.59 ug/ml



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

R.T.: 18.294 min
Delta R.T.: 0.004 min
Response: 4856778
Conc: 37.35 ug/ml

Instrument :

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