

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072222AR\
 Data File : FD043319.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2022 01:28
 Operator : YP/AJ
 Sample : PB146350BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB146350BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2022
 Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e
 Quant Time: Jul 23 05:47:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.622	7195335	46.599 ug/ml
Spiked Amount 50.000		Recovery =	93.20%
6) S 2-Fluorobiphenyl (SURR)	8.483	3657002	34.672 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.34%
11) S ortho-Terphenyl (SURR)	11.530	6379016	35.098 ug/ml
Spiked Amount 50.000		Recovery =	70.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	4357681	25.946 ug/ml
2) T Naphthalene (C11.7)	5.955	5426977	30.999 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	5776747	35.915 ug/ml
5) T Acenaphthylene (C15.06)	8.287	6107783	34.362 ug/ml
7) T Acenaphthene (C15.5)	8.584	6442544	36.791 ug/ml
8) T Flouorene (C16.55)	9.365	6448251	37.200 ug/ml
9) T Phenanthrene (C19.36)	10.763	6269857	36.557 ug/ml
10) T Anthracene (C19.43)	10.837	6063658	35.691 ug/ml
12) T Fluoranthene (C21.85)	12.576	6153654	36.691 ug/ml
13) T Pyrene (C20.8)	12.875	6124043	37.578 ug/mlm
14) T Benzo[a]anthracene (C...	14.745	5374913	34.610 ug/mlm
15) T Chrysene (C27.41)	14.790	5592475	35.433 ug/ml
16) T benzo[b]fluoranthene ...	16.298	5456537	35.796 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.332	5283057	36.096 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	4682348	32.736 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	4905791	39.203 ug/mlm
20) T Dibenz[a,h]anthracene...	18.081	4538793	33.761 ug/ml
21) T Benzo[g,h,i]perylene ...	18.300	5044969	38.680 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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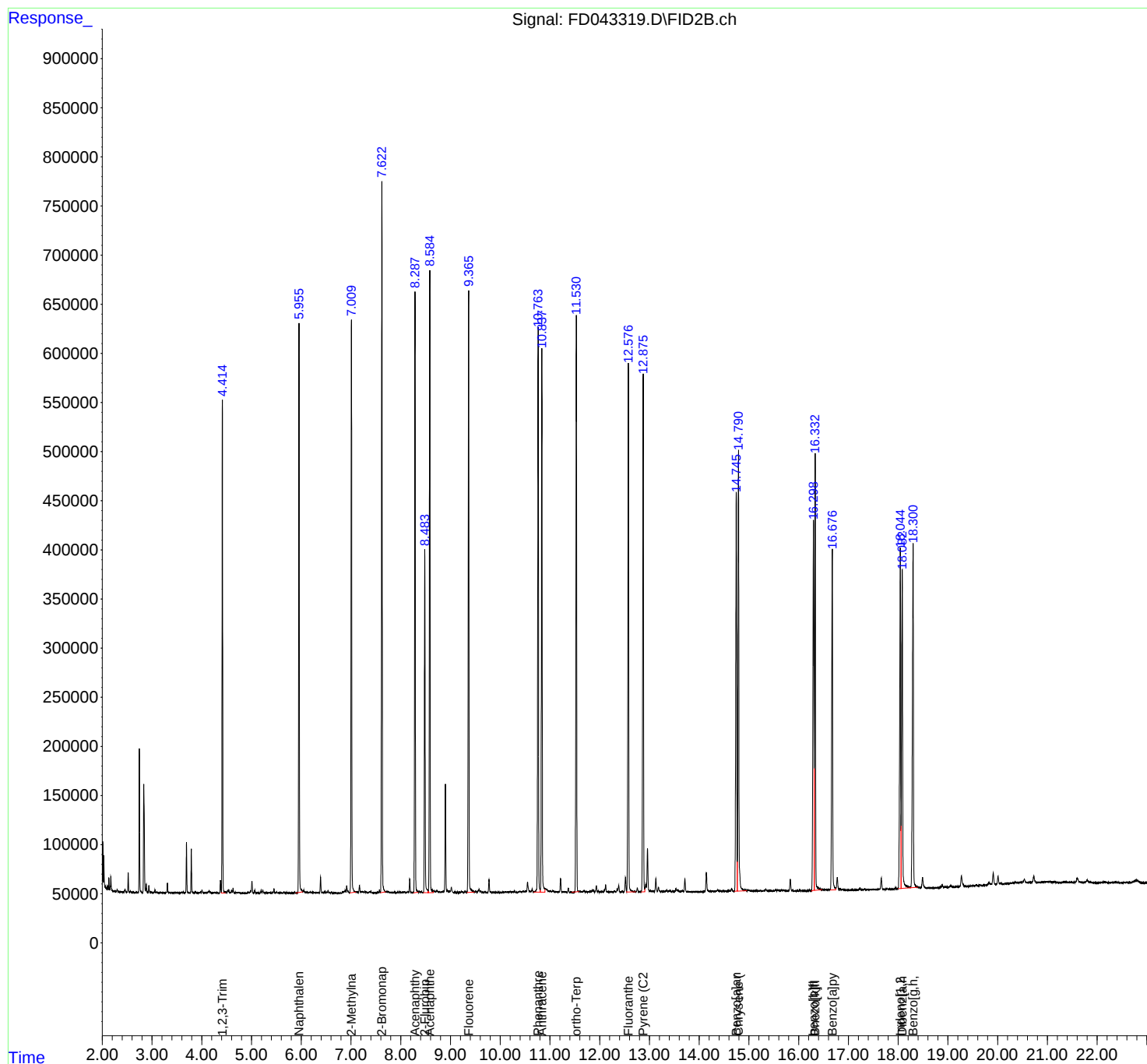
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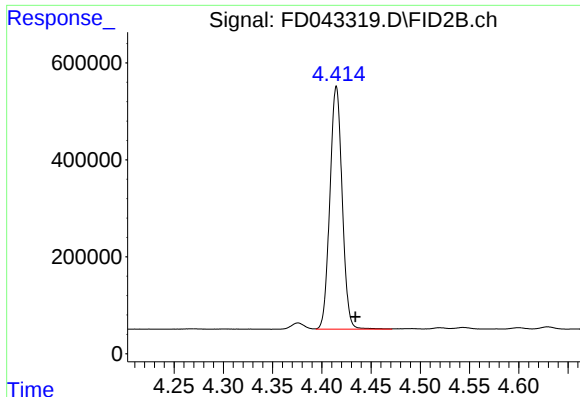
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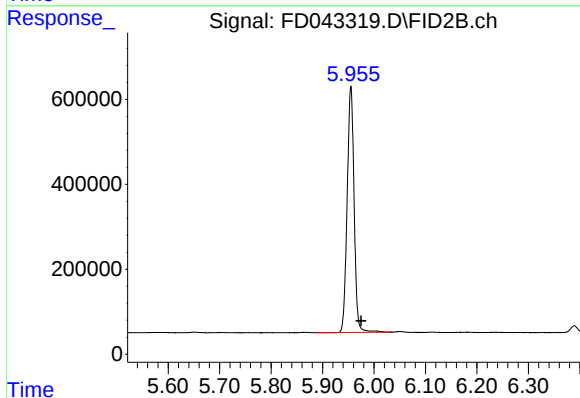
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.019 min
Response: 4357681
Conc: 25.95 ug/ml

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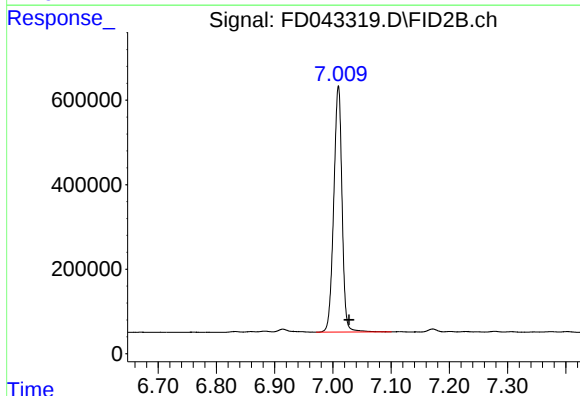
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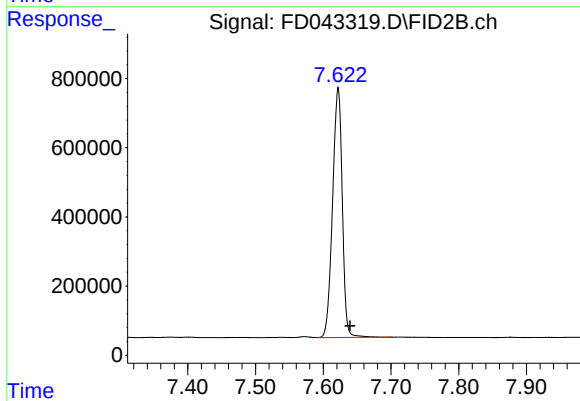
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 5426977
Conc: 31.00 ug/ml



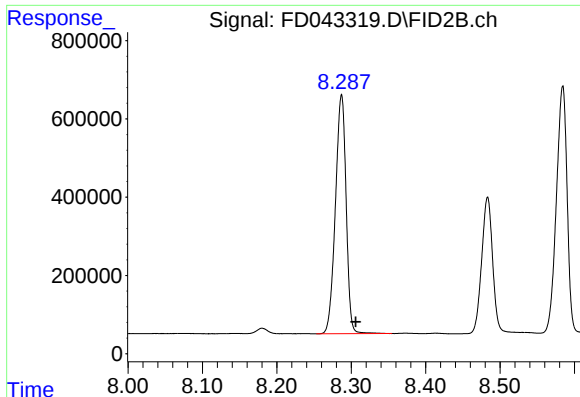
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.019 min
Response: 5776747
Conc: 35.92 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: -0.018 min
Response: 7195335
Conc: 46.60 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.287 min
Delta R.T.: -0.019 min
Response: 6107783
Conc: 34.36 ug/ml

Instrument :

FID_D

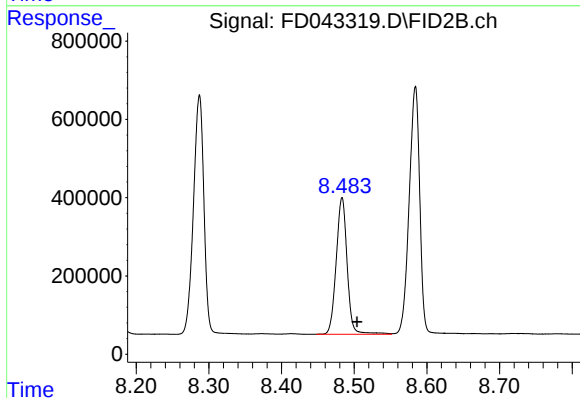
ClientSampleId :

PB146350BS

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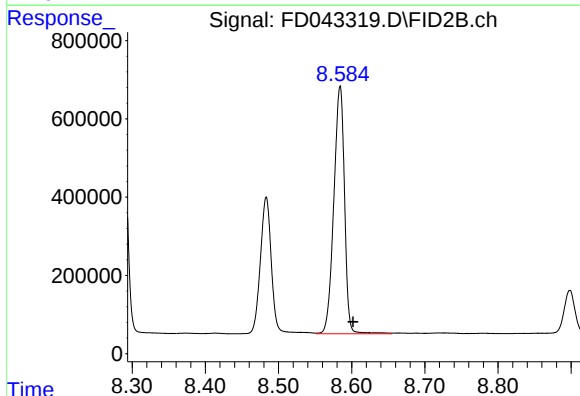
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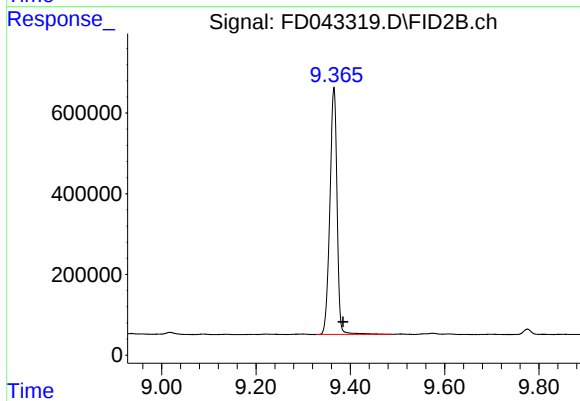
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.483 min
Delta R.T.: -0.021 min
Response: 3657002
Conc: 34.67 ug/ml



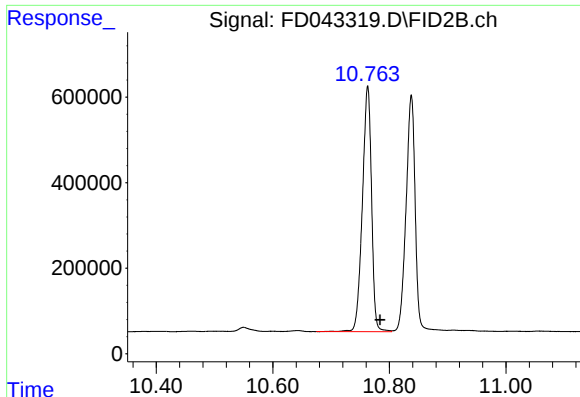
#7 Acenaphthene (C15.5)

R.T.: 8.584 min
Delta R.T.: -0.018 min
Response: 6442544
Conc: 36.79 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.020 min
Response: 6448251
Conc: 37.20 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.763 min
Delta R.T.: -0.021 min
Response: 6269857
Conc: 36.56 ug/ml

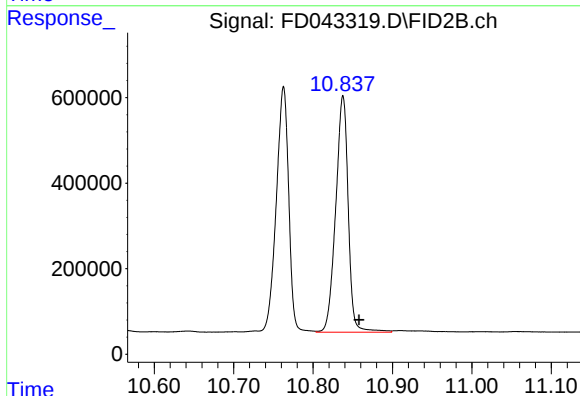
Instrument :

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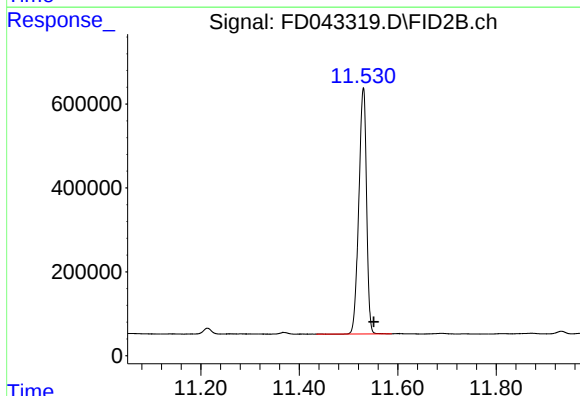
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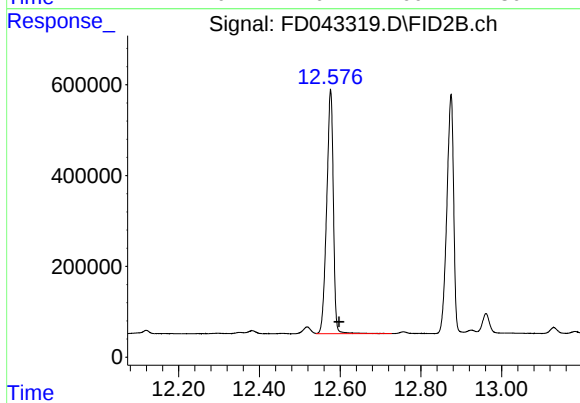
#10 Anthracene (C19.43)

R.T.: 10.837 min
Delta R.T.: -0.021 min
Response: 6063658
Conc: 35.69 ug/ml



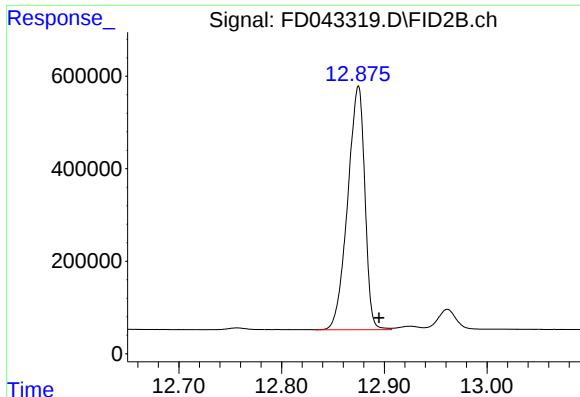
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.021 min
Response: 6379016
Conc: 35.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.576 min
Delta R.T.: -0.021 min
Response: 6153654
Conc: 36.69 ug/ml



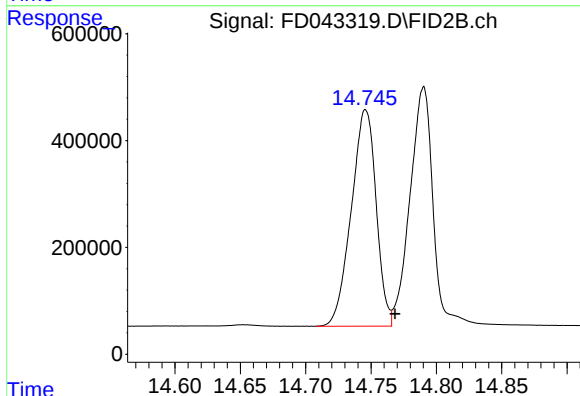
#13 Pyrene (C20.8)

R.T.: 12.875 min
Delta R.T.: -0.020 min
Response: 6124043
Conc: 37.58 ug/ml

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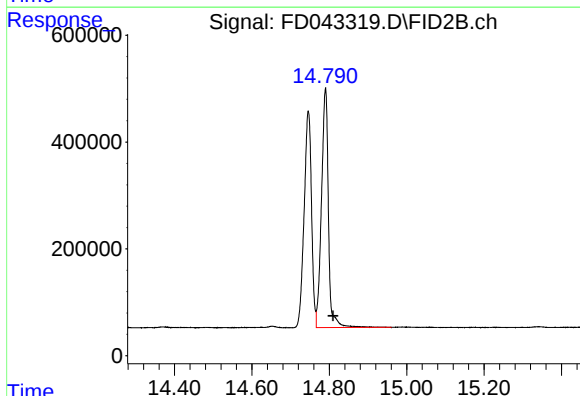
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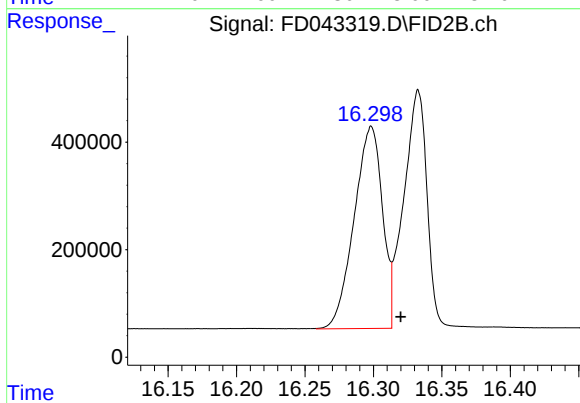
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min
Delta R.T.: -0.023 min
Response: 5374913
Conc: 34.61 ug/ml m



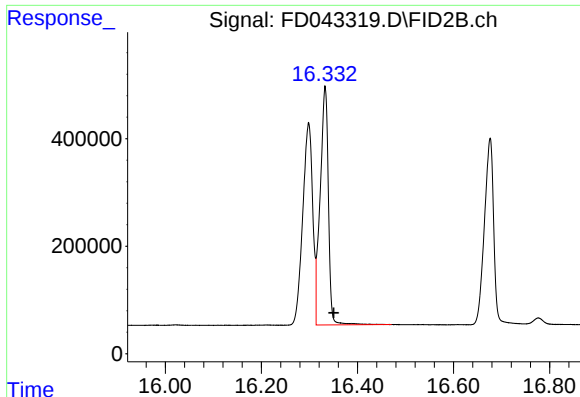
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: -0.020 min
Response: 5592475
Conc: 35.43 ug/ml



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

R.T.: 16.298 min
Delta R.T.: -0.022 min
Response: 5456537
Conc: 35.80 ug/ml m



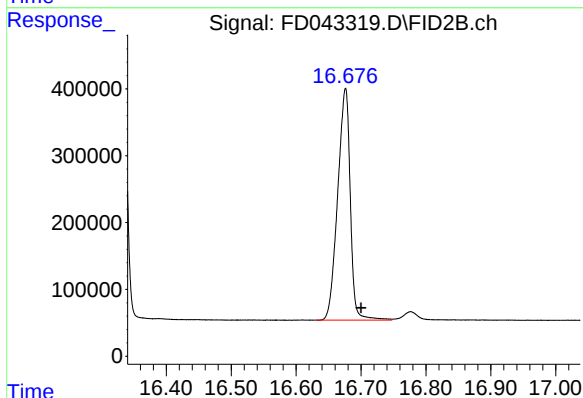
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.332 min
Delta R.T.: -0.018 min
Response: 5283057
Conc: 36.10 ug/ml

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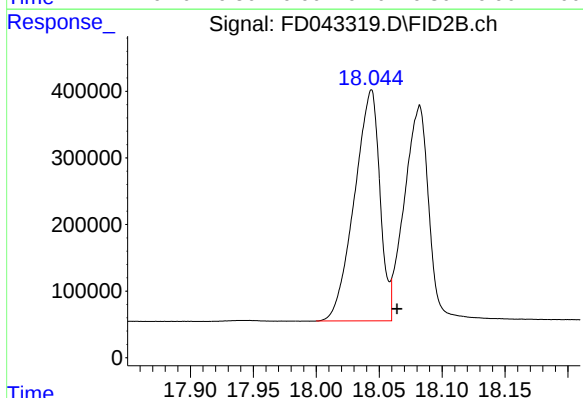
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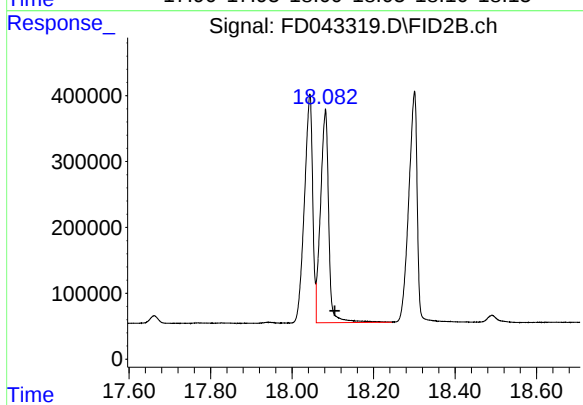
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: -0.024 min
Response: 4682348
Conc: 32.74 ug/ml



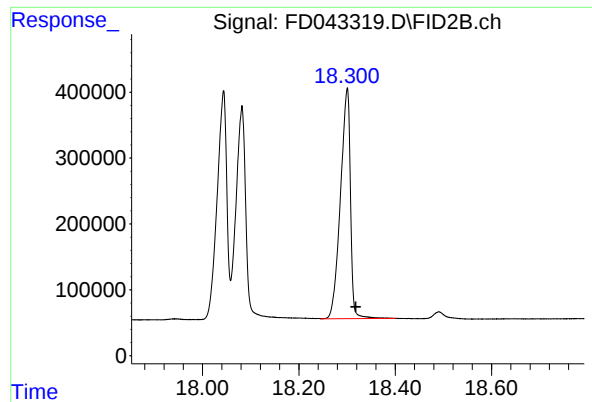
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.044 min
Delta R.T.: -0.021 min
Response: 4905791
Conc: 39.20 ug/ml m



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

R.T.: 18.081 min
Delta R.T.: -0.024 min
Response: 4538793
Conc: 33.76 ug/ml



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

R.T.: 18.300 min
Delta R.T.: -0.019 min
Response: 5044969
Conc: 38.68 ug/ml

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