

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112522AR\
 Data File : FD044504.D
 Signal(s) : FID2B.ch
 Acq On : 26 Nov 2022 04:58
 Operator : YP/AJ
 Sample : N5641-09MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SOIL-PILE-9MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 01:21:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 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...	7.687	7779721	57.492 ug/ml
Spiked Amount 50.000		Recovery =	114.98%
6) S 2-Fluorobiphenyl (SURR)	8.547	5207558	55.530 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.06%
11) S ortho-Terphenyl (SURR)	11.579	7324797	42.692 ug/ml
Spiked Amount 50.000		Recovery =	85.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.500	6969532	47.815 ug/ml
2) T Naphthalene (C11.7)	6.031	7839943	50.353 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	7821128	49.505 ug/ml
5) T Acenaphthylene (C15.06)	8.351	8112950	53.801 ug/ml
7) T Acenaphthene (C15.5)	8.647	8400214	54.287 ug/ml
8) T Flouorene (C16.55)	9.425	8541289	55.538 ug/ml
9) T Phenanthrene (C19.36)	10.817	8534133	56.751 ug/ml
10) T Anthracene (C19.43)	10.892	8529605	58.217 ug/ml
12) T Fluoranthene (C21.85)	12.621	8497349	55.914 ug/ml
13) T Pyrene (C20.8)	12.918	8407229	56.556 ug/mlm
14) T Benzo[a]anthracene (C...	14.781	8078446	57.715 ug/mlm
15) T Chrysene (C27.41)	14.825	8970436	61.251 ug/mlm
16) T benzo[b]fluoranthene ...	16.324	7878413	54.780 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.359	7428705	52.248 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.700	7040264	50.322 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.061	7681130	56.333 ug/mlm
20) T Dibenz[a,h]anthracene...	18.101	7307544	54.251 ug/ml
21) T Benzo[g,h,i]perylene ...	18.317	7510530	55.018 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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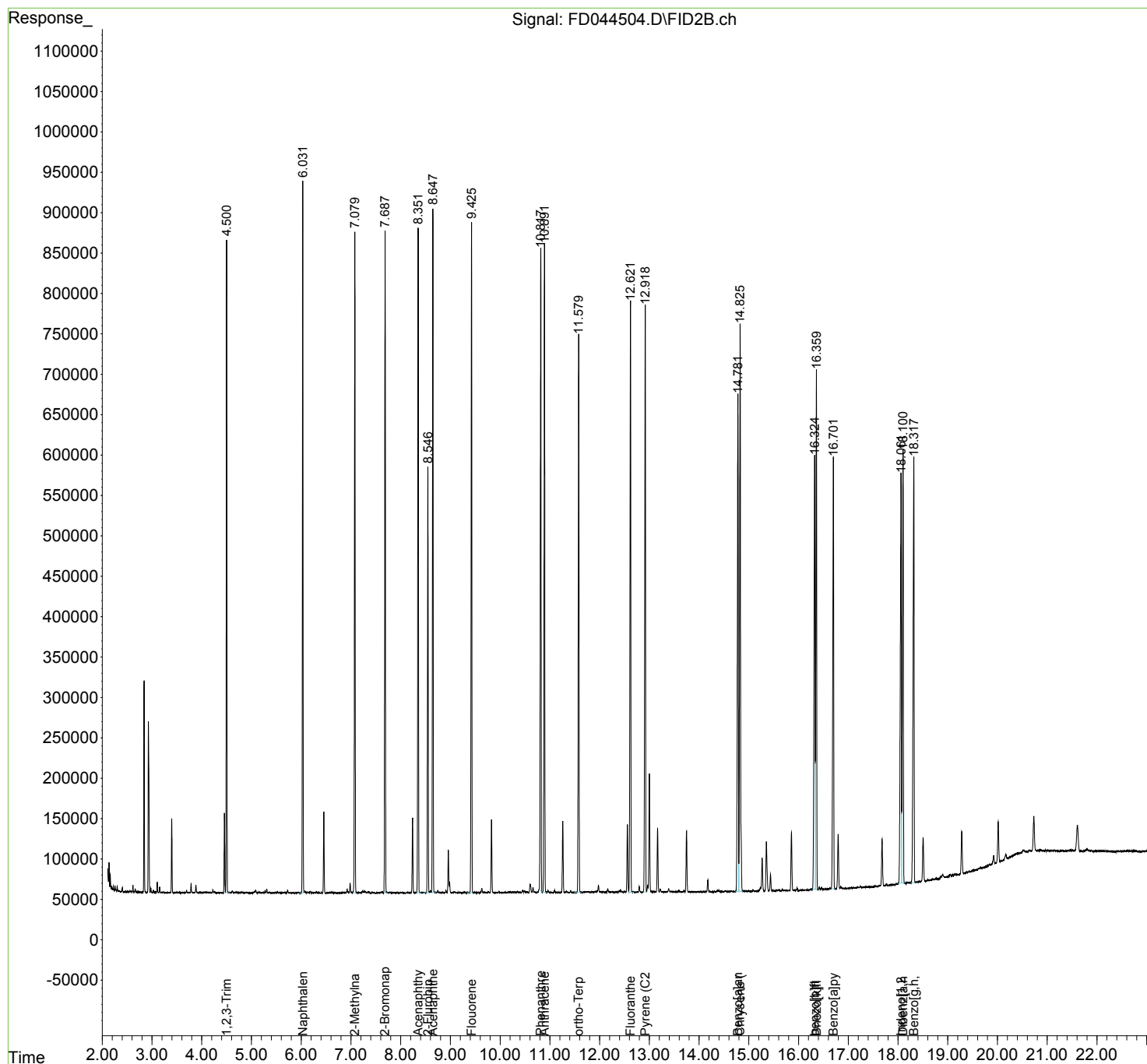
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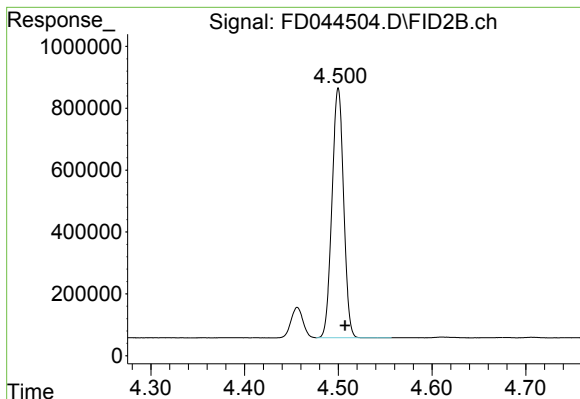
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.500 min
Delta R.T.: -0.007 min
Response: 6969532
Conc: 47.81 ug/ml

Instrument :

FID_D

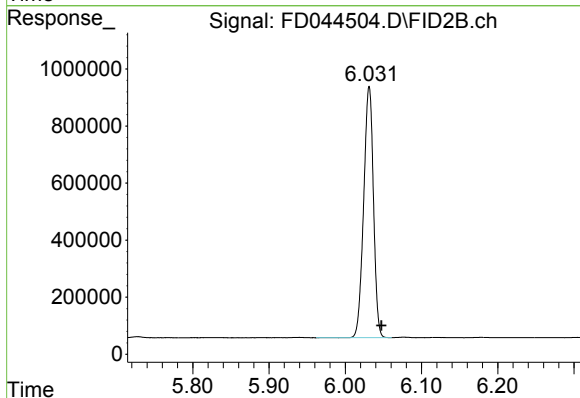
ClientSampleId :

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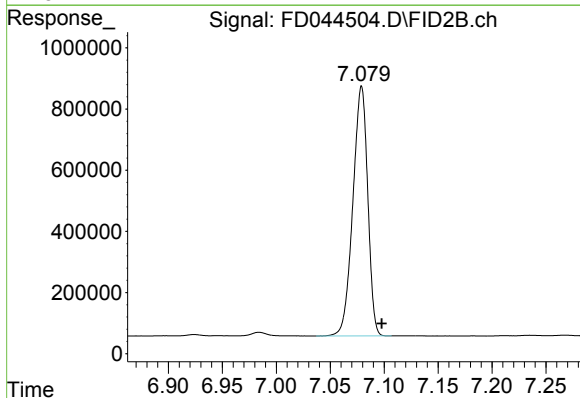
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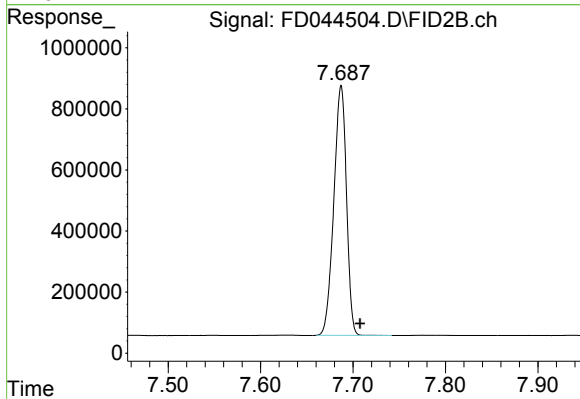
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.016 min
Response: 7839943
Conc: 50.35 ug/ml



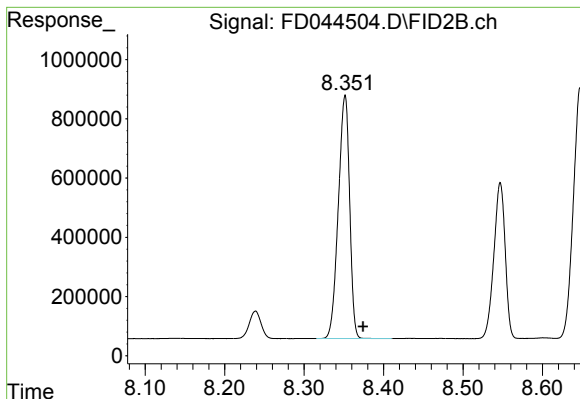
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.019 min
Response: 7821128
Conc: 49.50 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.687 min
Delta R.T.: -0.021 min
Response: 7779721
Conc: 57.49 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.351 min
Delta R.T.: -0.023 min
Response: 8112950
Conc: 53.80 ug/ml

Instrument :

FID_D

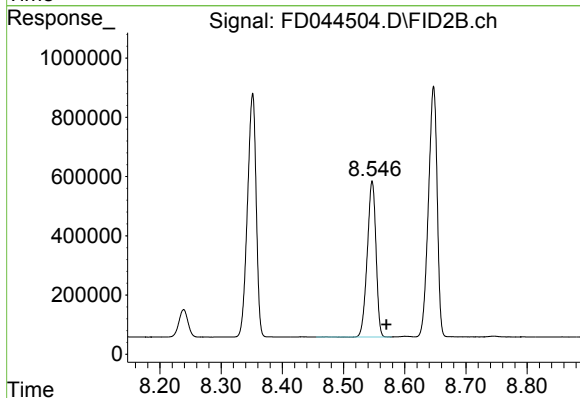
ClientSampleId :

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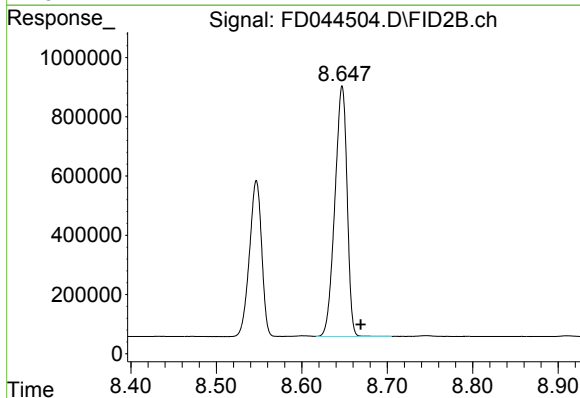
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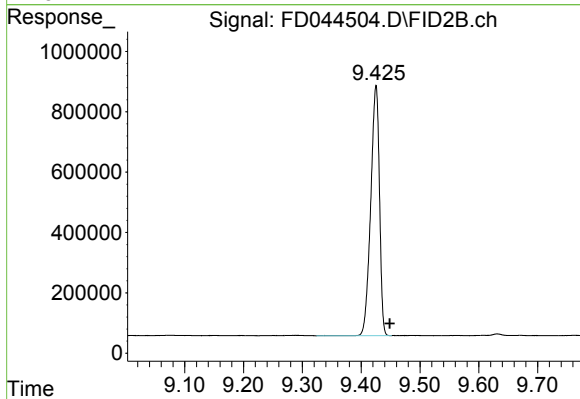
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.547 min
Delta R.T.: -0.023 min
Response: 5207558
Conc: 55.53 ug/ml



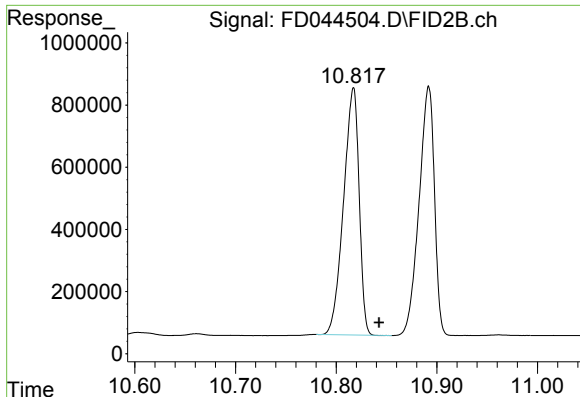
#7 Acenaphthene (C15.5)

R.T.: 8.647 min
Delta R.T.: -0.022 min
Response: 8400214
Conc: 54.29 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.425 min
Delta R.T.: -0.024 min
Response: 8541289
Conc: 55.54 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: -0.026 min
Response: 8534133
Conc: 56.75 ug/ml

Instrument :

FID_D

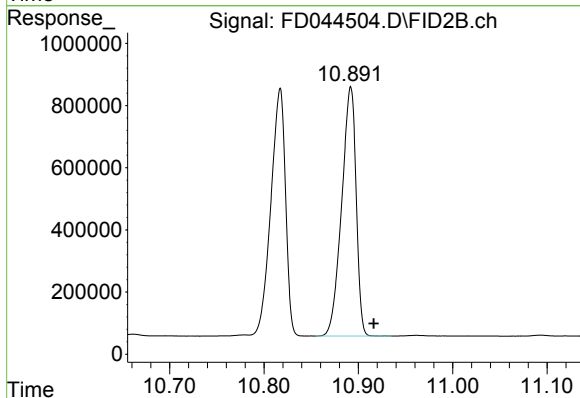
ClientSampleId :

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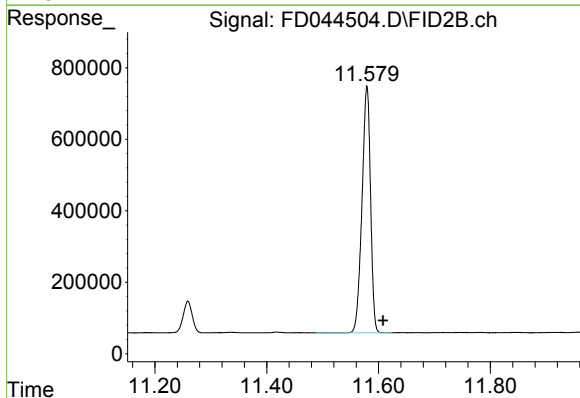
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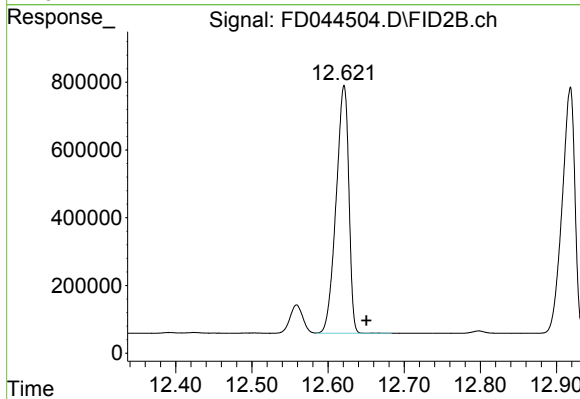
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: -0.025 min
Response: 8529605
Conc: 58.22 ug/ml



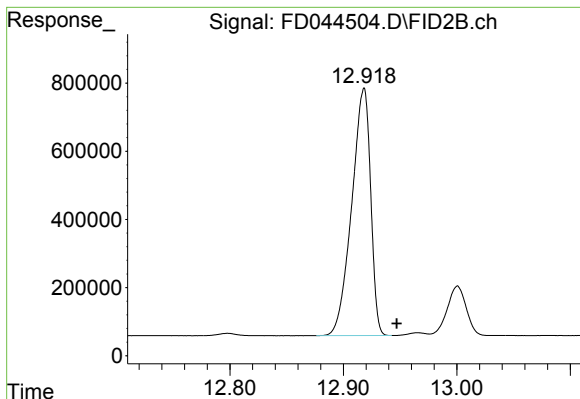
#11 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: -0.029 min
Response: 7324797
Conc: 42.69 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.621 min
Delta R.T.: -0.030 min
Response: 8497349
Conc: 55.91 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.918 min
Delta R.T.: -0.029 min
Response: 8407229
Conc: 56.56 ug/ml

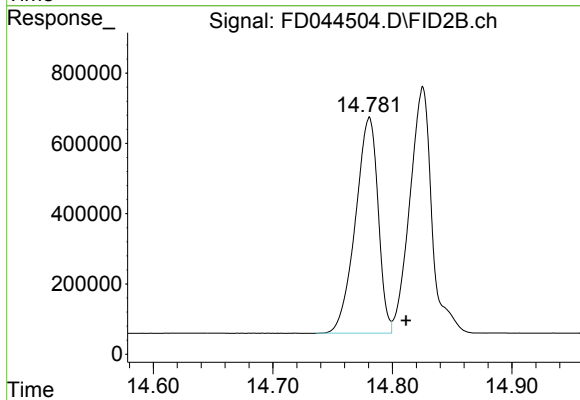
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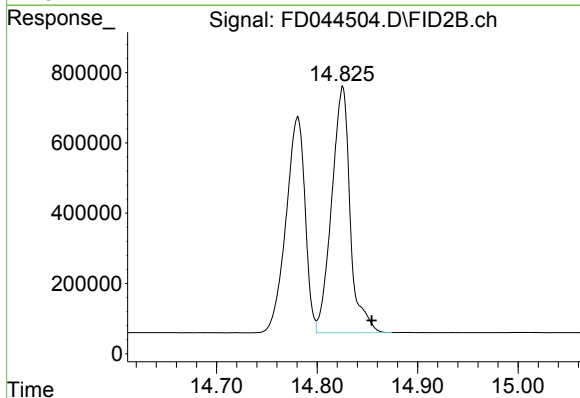
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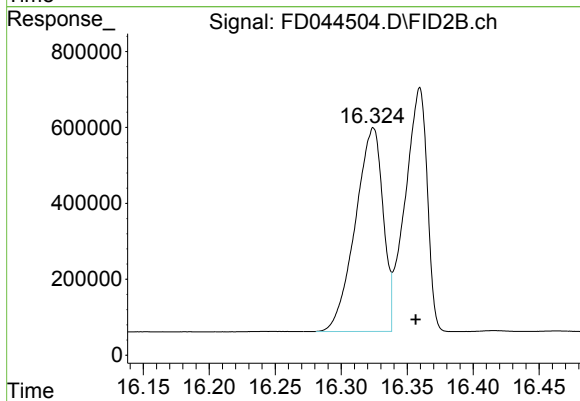
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.781 min
Delta R.T.: -0.031 min
Response: 8078446
Conc: 57.72 ug/ml m



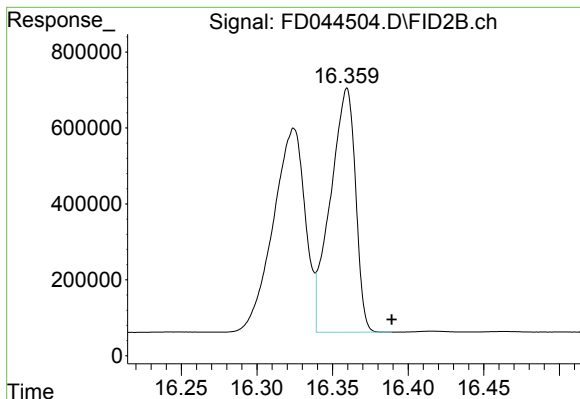
#15 Chrysene (C27.41)

R.T.: 14.825 min
Delta R.T.: -0.029 min
Response: 8970436
Conc: 61.25 ug/ml m



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

R.T.: 16.324 min
Delta R.T.: -0.033 min
Response: 7878413
Conc: 54.78 ug/ml m



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

R.T.: 16.359 min
Delta R.T.: -0.030 min
Response: 7428705
Conc: 52.25 ug/ml

Instrument :

FID_D

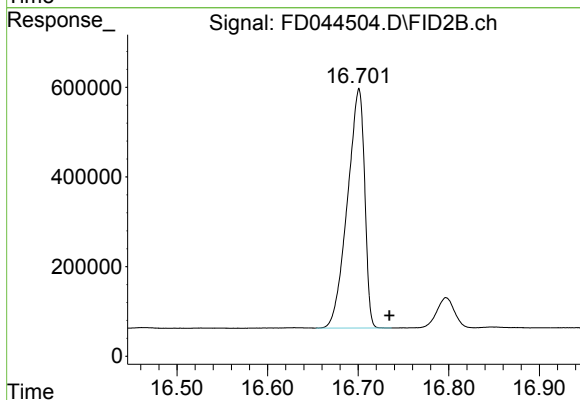
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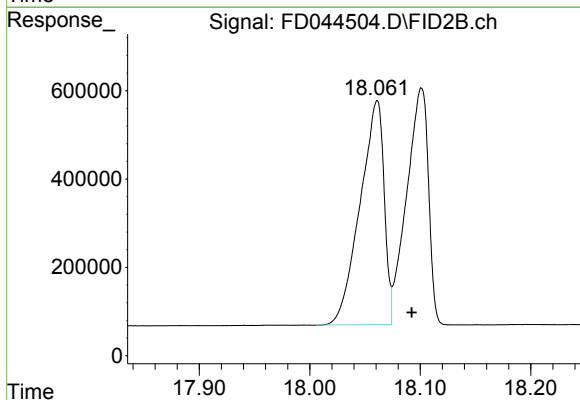
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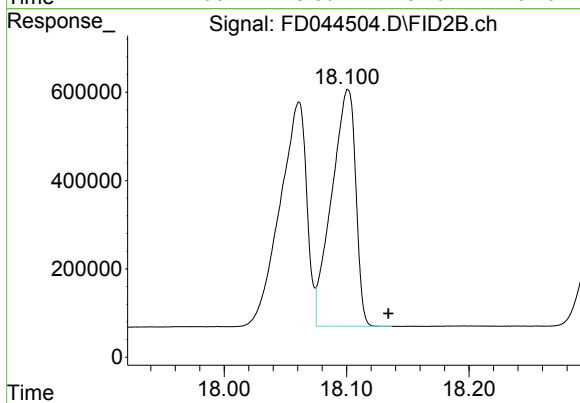
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.700 min
Delta R.T.: -0.034 min
Response: 7040264
Conc: 50.32 ug/ml



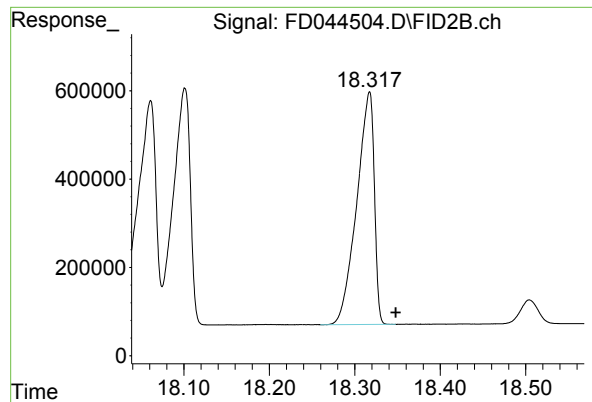
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.061 min
Delta R.T.: -0.032 min
Response: 7681130
Conc: 56.33 ug/ml m



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

R.T.: 18.101 min
Delta R.T.: -0.033 min
Response: 7307544
Conc: 54.25 ug/ml



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

R.T.: 18.317 min
Delta R.T.: -0.031 min
Response: 7510530
Conc: 55.02 ug/ml

Instrument :

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