

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112522AR\
 Data File : FD044505.D
 Signal(s) : FID2B.ch
 Acq On : 26 Nov 2022 05:40
 Operator : YP/AJ
 Sample : N5641-09MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SOIL-PILE-9MSD

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 01:21:17 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...	7.688	7834368	57.896 ug/ml
Spiked Amount 50.000		Recovery =	115.79%
6) S 2-Fluorobiphenyl (SURR)	8.548	5230911	55.779 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.56%
11) S ortho-Terphenyl (SURR)	11.580	7340551	42.784 ug/ml
Spiked Amount 50.000		Recovery =	85.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.500	7012838	48.112 ug/ml
2) T Naphthalene (C11.7)	6.032	7888295	50.664 ug/ml
3) T 2-Methylnaphthalene (...)	7.080	7881755	49.889 ug/ml
5) T Acenaphthylene (C15.06)	8.352	8163173	54.134 ug/ml
7) T Acenaphthene (C15.5)	8.648	8447704	54.594 ug/ml
8) T Flouorene (C16.55)	9.426	8570376	55.727 ug/ml
9) T Phenanthrene (C19.36)	10.817	8565044	56.957 ug/ml
10) T Anthracene (C19.43)	10.892	8555897	58.396 ug/ml
12) T Fluoranthene (C21.85)	12.622	8515987	56.037 ug/ml
13) T Pyrene (C20.8)	12.918	8429184	56.704 ug/mlm
14) T Benzo[a]anthracene (C...	14.780	8121198	58.021 ug/mlm
15) T Chrysene (C27.41)	14.825	8965539	61.218 ug/mlm
16) T benzo[b]fluoranthene ...	16.324	7799044	54.228 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.359	7490047	52.680 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.700	7075683	50.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.060	7760883	56.918 ug/mlm
20) T Dibenz[a,h]anthracene...	18.100	7366854	54.691 ug/ml
21) T Benzo[g,h,i]perylene ...	18.317	7565121	55.418 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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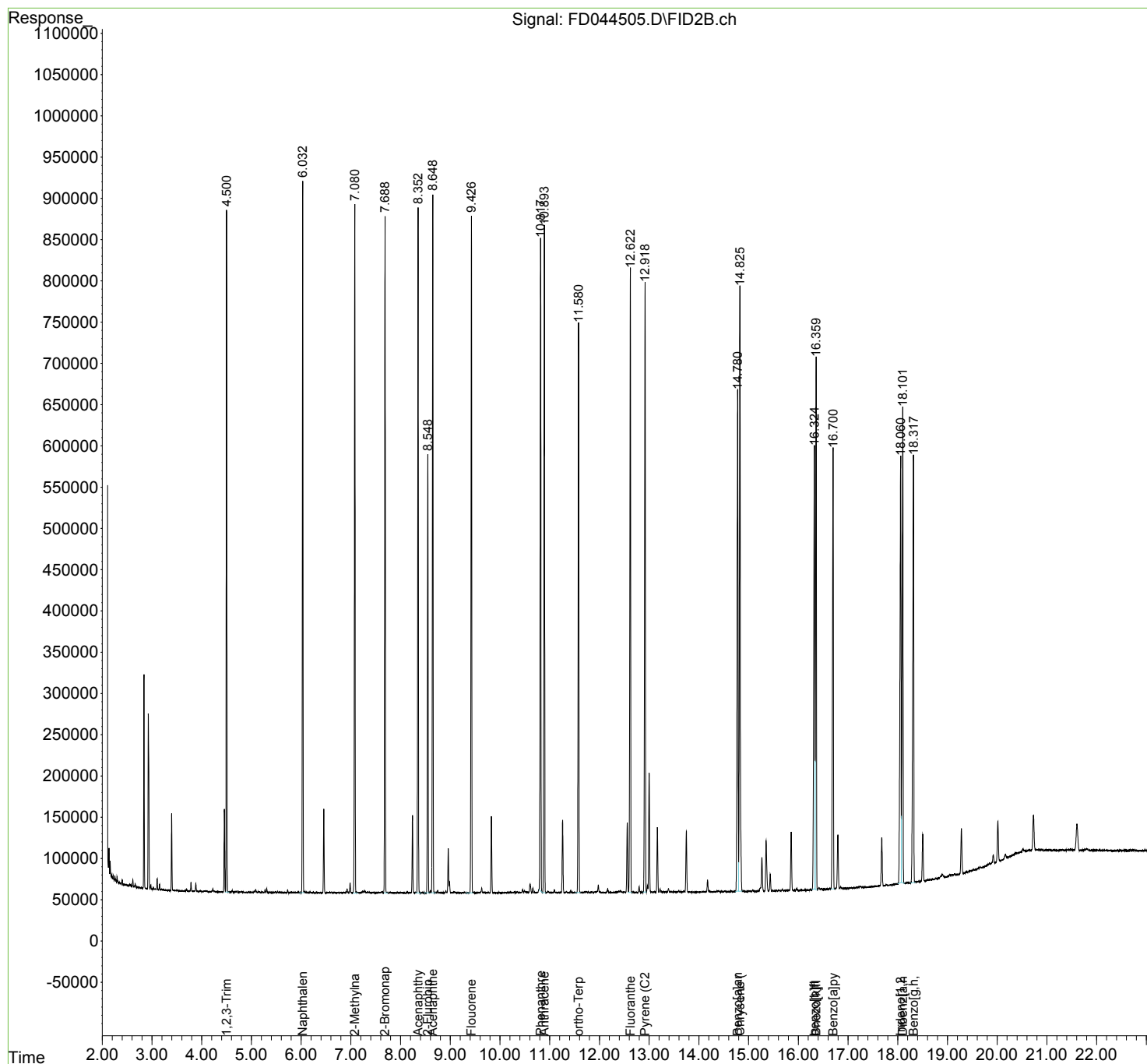
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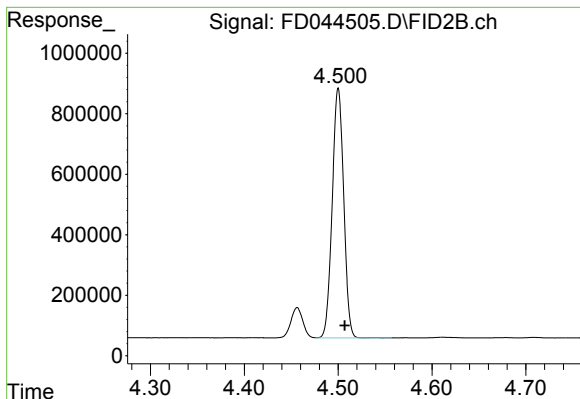
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.500 min
Delta R.T.: -0.007 min
Response: 7012838
Conc: 48.11 ug/ml

Instrument :

FID_D

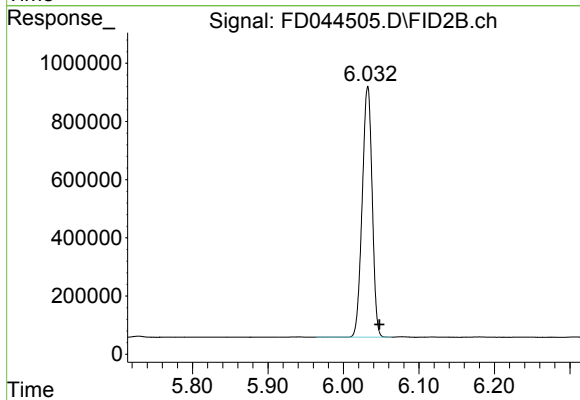
ClientSampleId :

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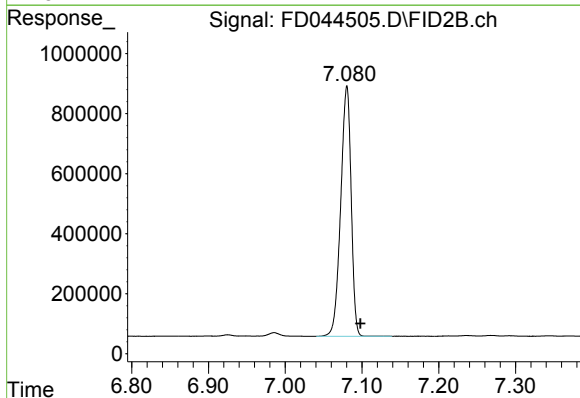
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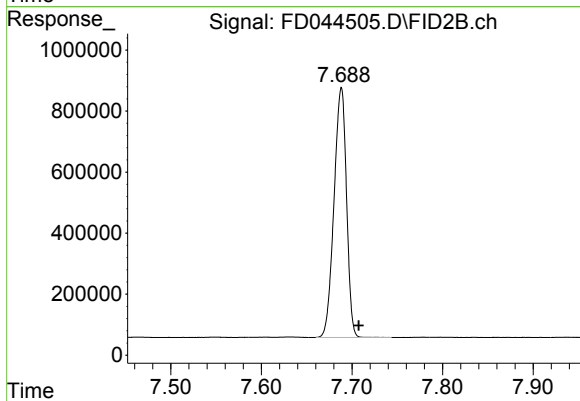
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.016 min
Response: 7888295
Conc: 50.66 ug/ml



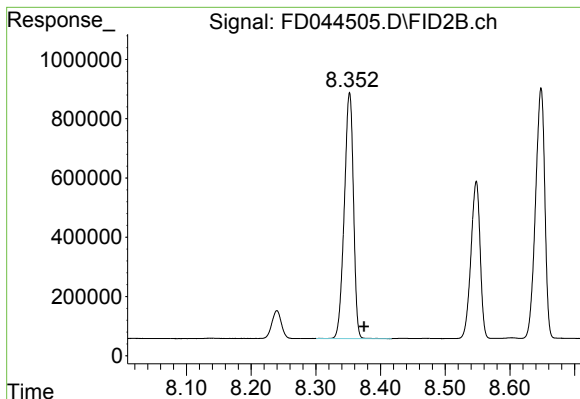
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.080 min
Delta R.T.: -0.018 min
Response: 7881755
Conc: 49.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.688 min
Delta R.T.: -0.020 min
Response: 7834368
Conc: 57.90 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.352 min
Delta R.T.: -0.022 min
Response: 8163173
Conc: 54.13 ug/ml

Instrument :

FID_D

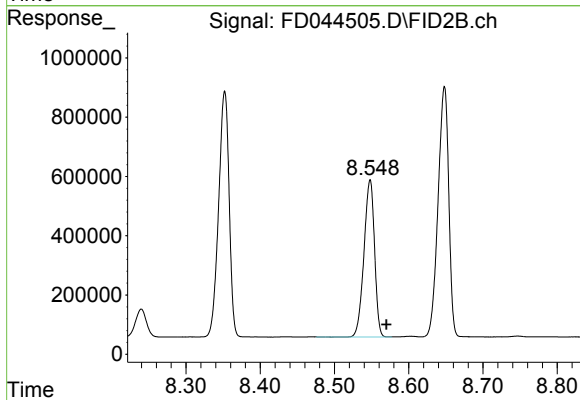
ClientSampleId :

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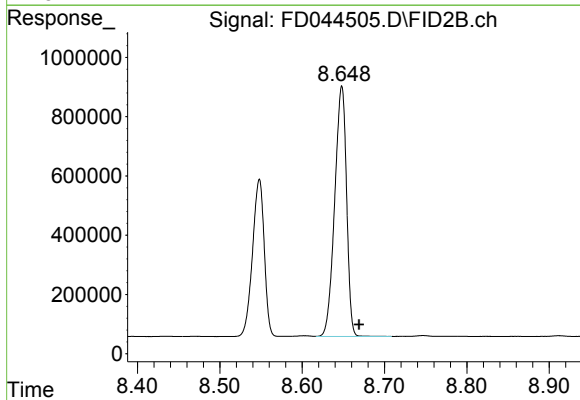
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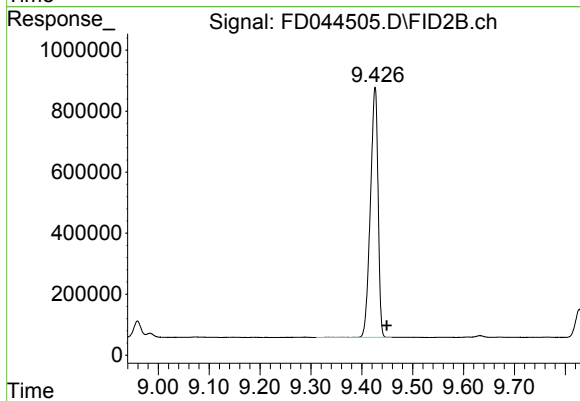
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.548 min
Delta R.T.: -0.022 min
Response: 5230911
Conc: 55.78 ug/ml



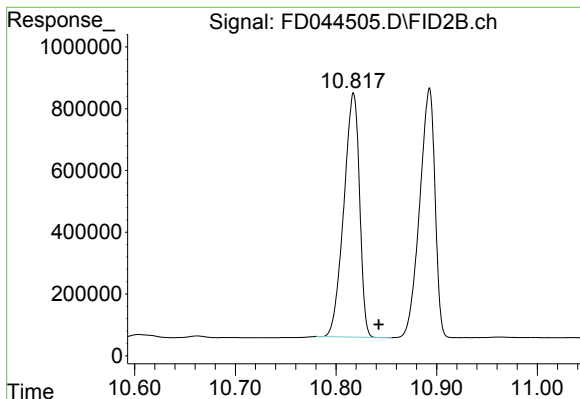
#7 Acenaphthene (C15.5)

R.T.: 8.648 min
Delta R.T.: -0.021 min
Response: 8447704
Conc: 54.59 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.426 min
Delta R.T.: -0.023 min
Response: 8570376
Conc: 55.73 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: -0.026 min
Response: 8565044
Conc: 56.96 ug/ml

Instrument :

FID_D

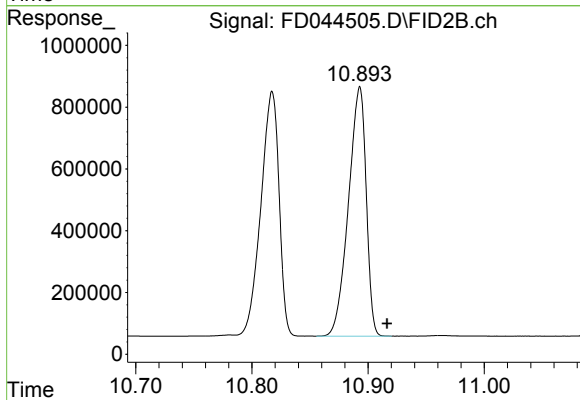
ClientSampleId :

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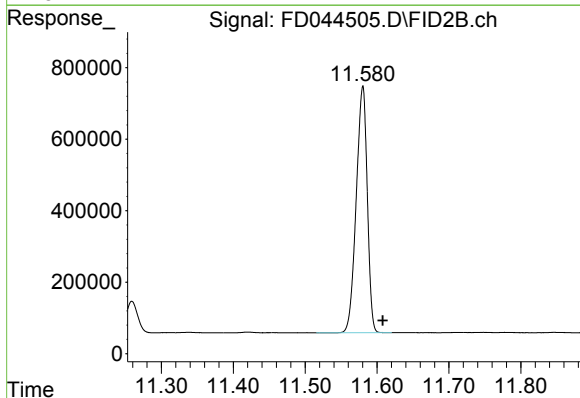
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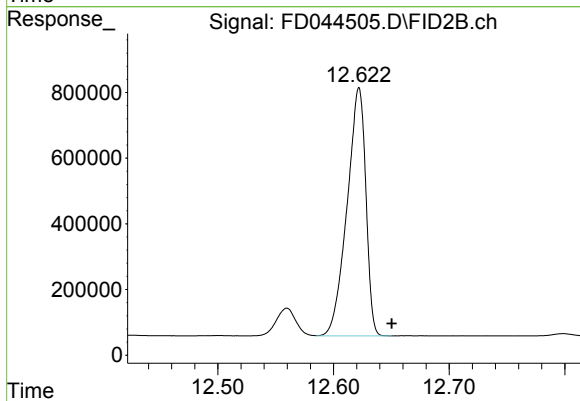
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: -0.024 min
Response: 8555897
Conc: 58.40 ug/ml



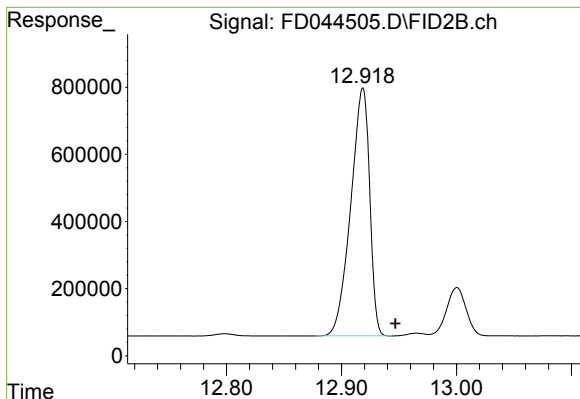
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: -0.028 min
Response: 7340551
Conc: 42.78 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.622 min
Delta R.T.: -0.029 min
Response: 8515987
Conc: 56.04 ug/ml



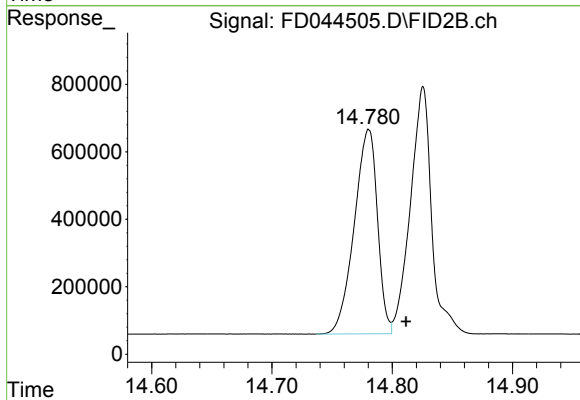
#13 Pyrene (C20.8)

R.T.: 12.918 min
Delta R.T.: -0.029 min
Response: 8429184
Conc: 56.70 ug/ml

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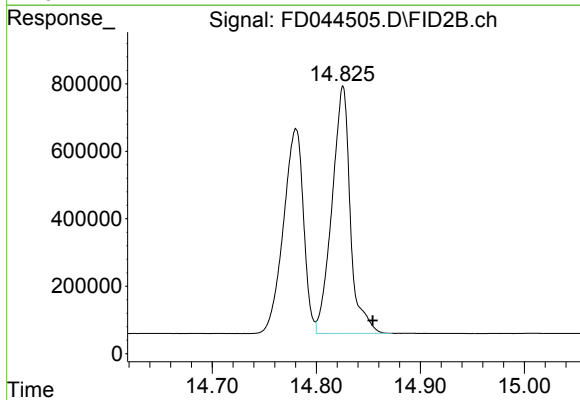
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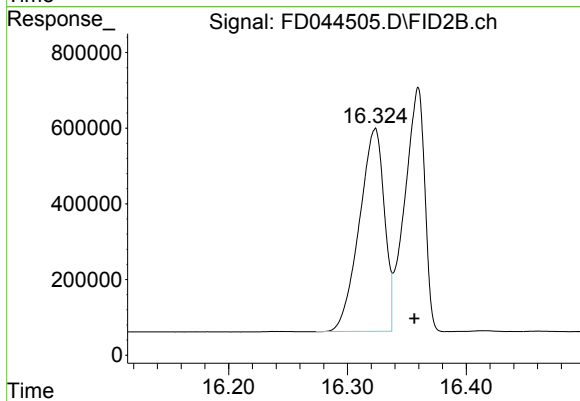
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.780 min
Delta R.T.: -0.032 min
Response: 8121198
Conc: 58.02 ug/ml m



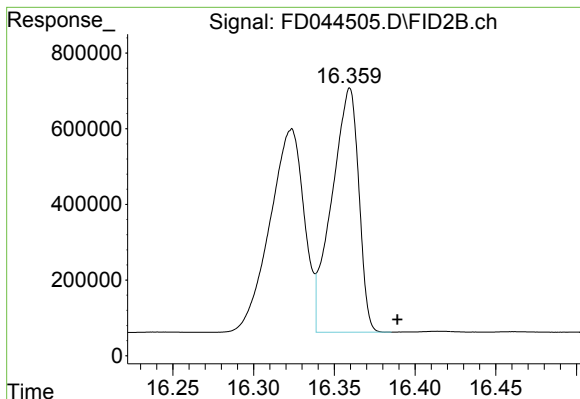
#15 Chrysene (C27.41)

R.T.: 14.825 min
Delta R.T.: -0.029 min
Response: 8965539
Conc: 61.22 ug/ml m



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

R.T.: 16.324 min
Delta R.T.: -0.033 min
Response: 7799044
Conc: 54.23 ug/ml m



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

R.T.: 16.359 min
Delta R.T.: -0.030 min
Response: 7490047
Conc: 52.68 ug/ml

Instrument :

FID_D

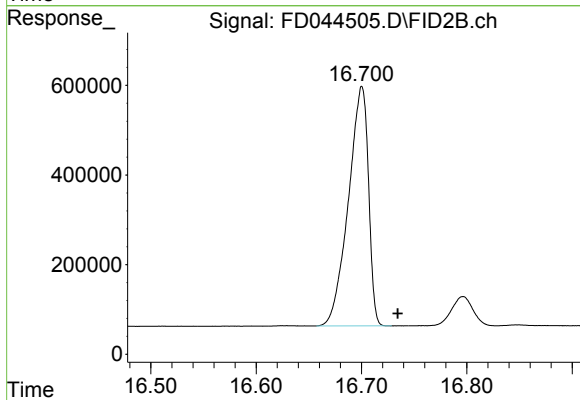
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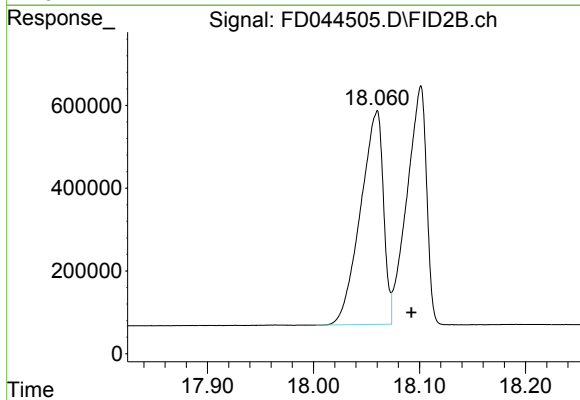
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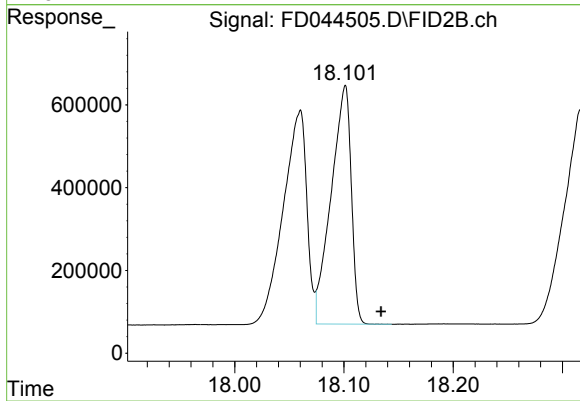
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.700 min
Delta R.T.: -0.035 min
Response: 7075683
Conc: 50.58 ug/ml



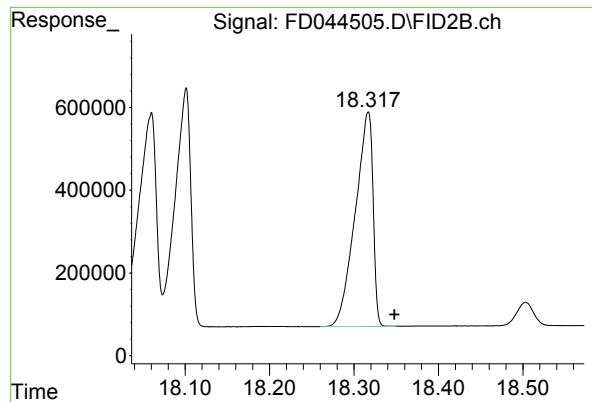
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.060 min
Delta R.T.: -0.032 min
Response: 7760883
Conc: 56.92 ug/ml m



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

R.T.: 18.100 min
Delta R.T.: -0.034 min
Response: 7366854
Conc: 54.69 ug/ml



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

R.T.: 18.317 min
Delta R.T.: -0.031 min
Response: 7565121
Conc: 55.42 ug/ml

Instrument :

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