

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072222AR\
 Data File : FD043324.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2022 05:20
 Operator : YP/AJ
 Sample : PB146381BSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB146381BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Jul 24 22:56:58 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...	7.621	6117462	39.619 ug/ml
Spiked Amount 50.000		Recovery =	79.24%
6) S 2-Fluorobiphenyl (SURR)	8.484	4081021	38.692 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.38%
11) S ortho-Terphenyl (SURR)	11.529	5438439	29.923 ug/ml
Spiked Amount 50.000		Recovery =	59.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	4542353	27.046 ug/ml
2) T Naphthalene (C11.7)	5.955	5061863	28.913 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	5264972	32.733 ug/ml
5) T Acenaphthylene (C15.06)	8.286	5228191	29.414 ug/ml
7) T Acenaphthene (C15.5)	8.583	5677737	32.423 ug/ml
8) T Flouorene (C16.55)	9.364	5465860	31.533 ug/ml
9) T Phenanthrene (C19.36)	10.761	5321704	31.028 ug/ml
10) T Anthracene (C19.43)	10.836	5244306	30.868 ug/ml
12) T Fluoranthene (C21.85)	12.575	5249916	31.303 ug/ml
13) T Pyrene (C20.8)	12.873	5210461	31.972 ug/mlm
14) T Benzo[a]anthracene (C...	14.745	4481789	28.859 ug/mlm
15) T Chrysene (C27.41)	14.788	5353737	33.921 ug/ml
16) T benzo[b]fluoranthene ...	16.297	4531016	29.724 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.330	4410005	30.131 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	3899049	27.260 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.040	4015451	32.089 ug/mlm
20) T Dibenz[a,h]anthracene...	18.078	3745638	27.861 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	4225632	32.398 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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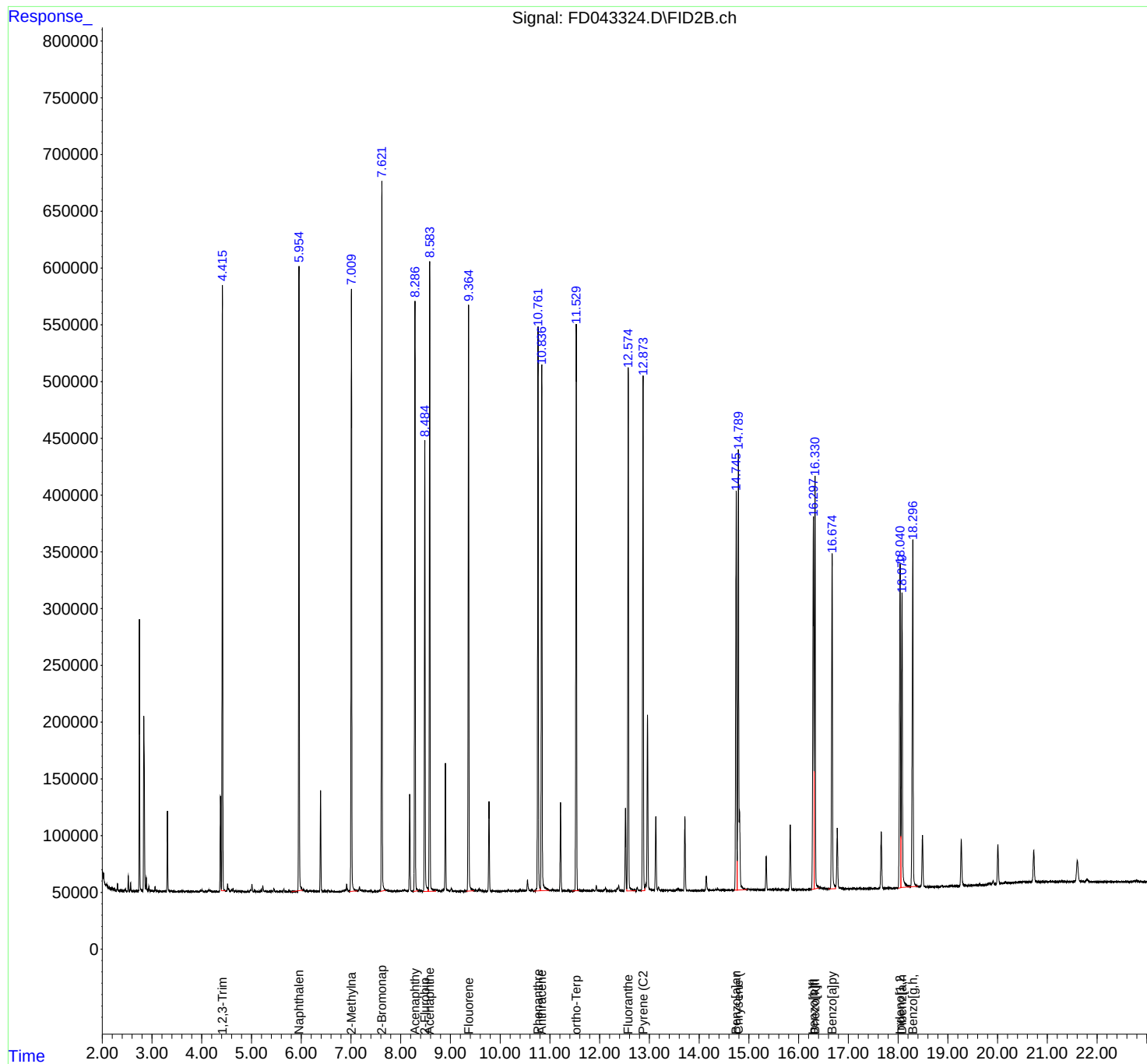
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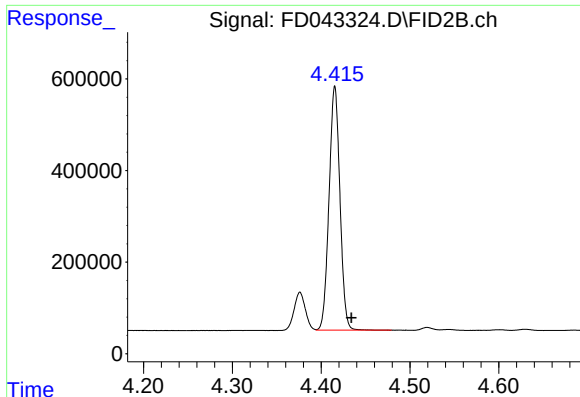
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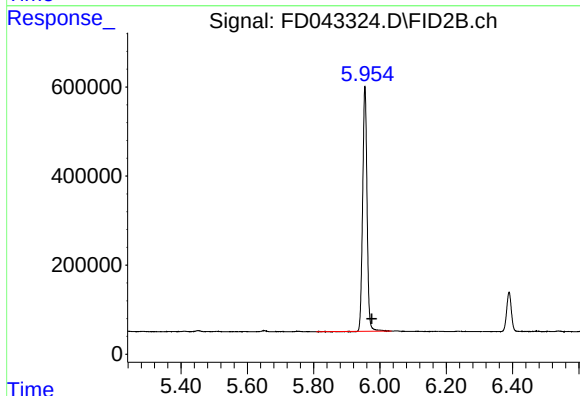
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.019 min
Response: 4542353
Conc: 27.05 ug/ml

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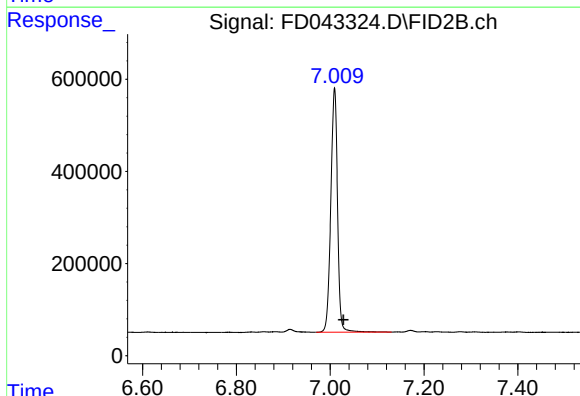
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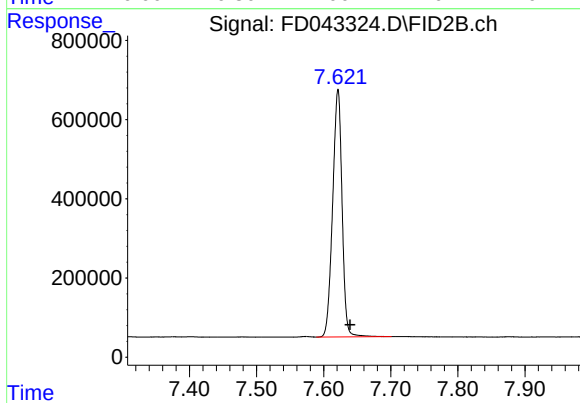
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 5061863
Conc: 28.91 ug/ml



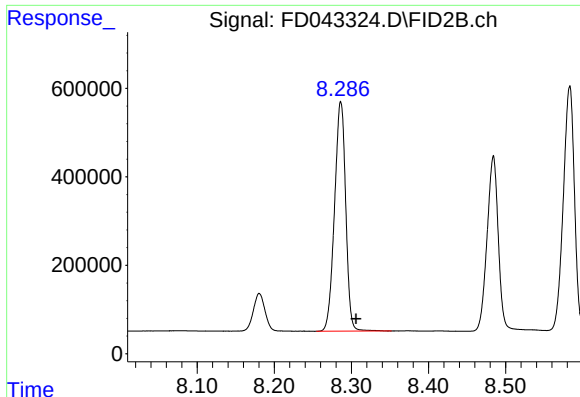
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.019 min
Response: 5264972
Conc: 32.73 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.621 min
Delta R.T.: -0.018 min
Response: 6117462
Conc: 39.62 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.286 min
Delta R.T.: -0.020 min
Response: 5228191
Conc: 29.41 ug/ml

Instrument :

FID_D

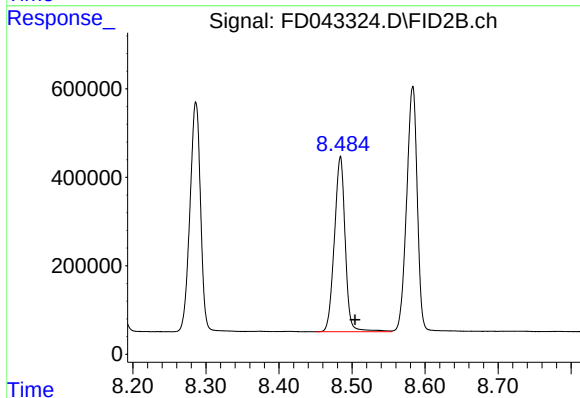
ClientSampleId :

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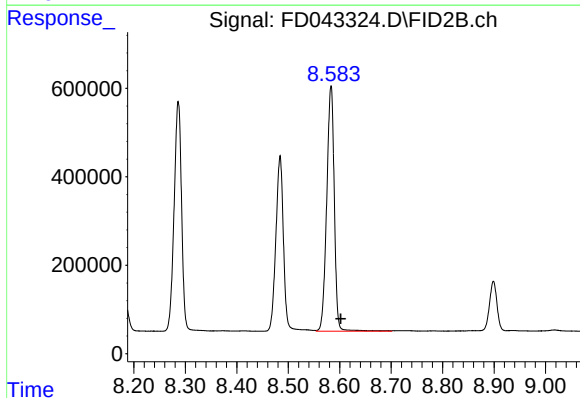
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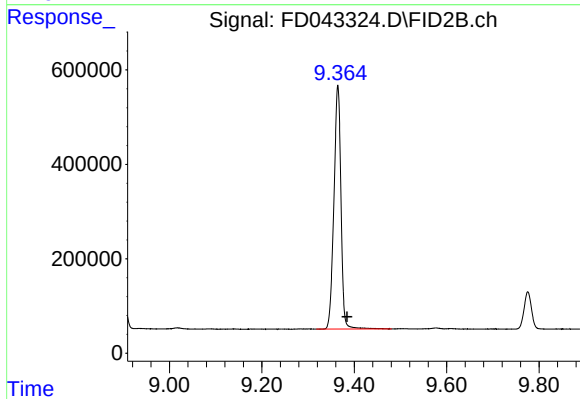
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: -0.020 min
Response: 4081021
Conc: 38.69 ug/ml



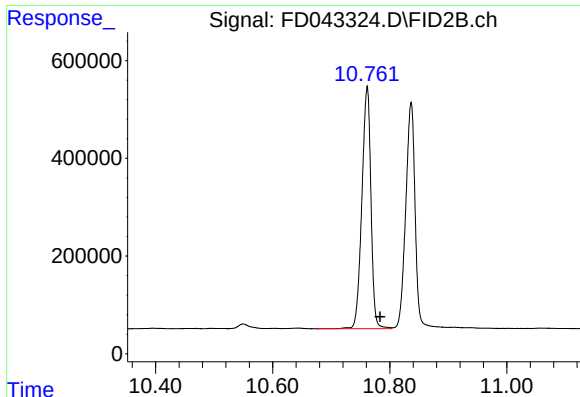
#7 Acenaphthene (C15.5)

R.T.: 8.583 min
Delta R.T.: -0.019 min
Response: 5677737
Conc: 32.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.364 min
Delta R.T.: -0.020 min
Response: 5465860
Conc: 31.53 ug/ml



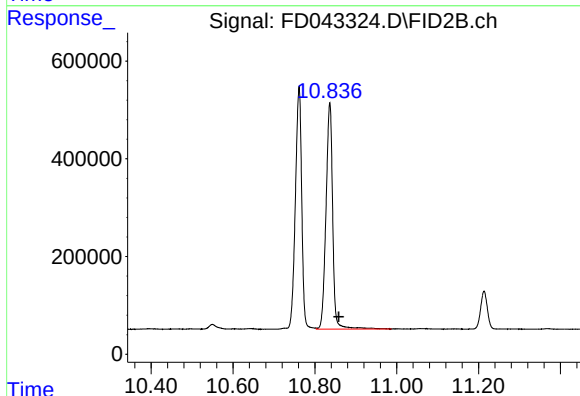
#9 Phenanthrene (C19.36)

R.T.: 10.761 min
Delta R.T.: -0.023 min
Response: 5321704
Conc: 31.03 ug/ml

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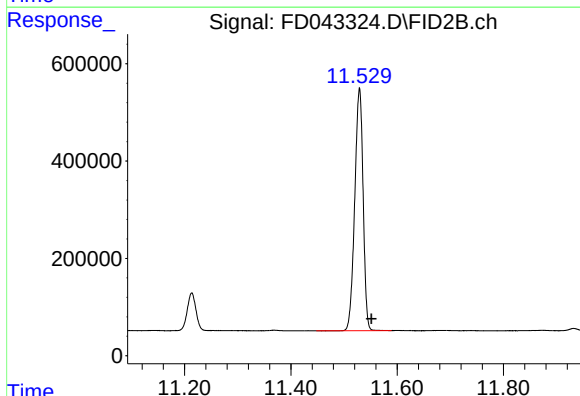
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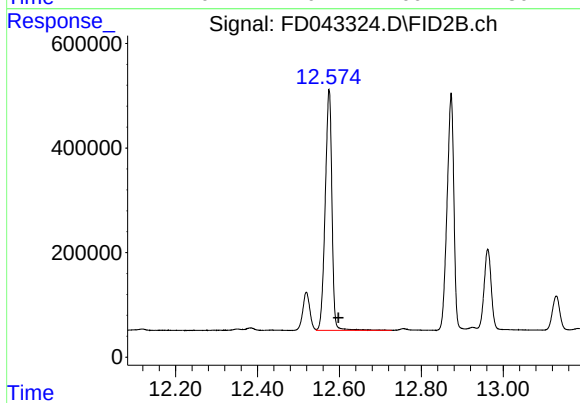
#10 Anthracene (C19.43)

R.T.: 10.836 min
Delta R.T.: -0.022 min
Response: 5244306
Conc: 30.87 ug/ml



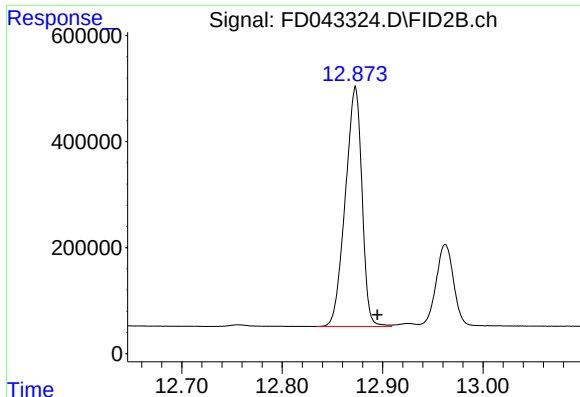
#11 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.022 min
Response: 5438439
Conc: 29.92 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: -0.023 min
Response: 5249916
Conc: 31.30 ug/ml



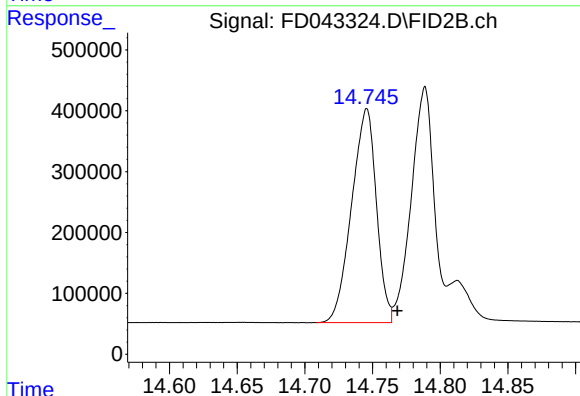
#13 Pyrene (C20.8)

R.T.: 12.873 min
Delta R.T.: -0.022 min
Response: 5210461
Conc: 31.97 ug/ml

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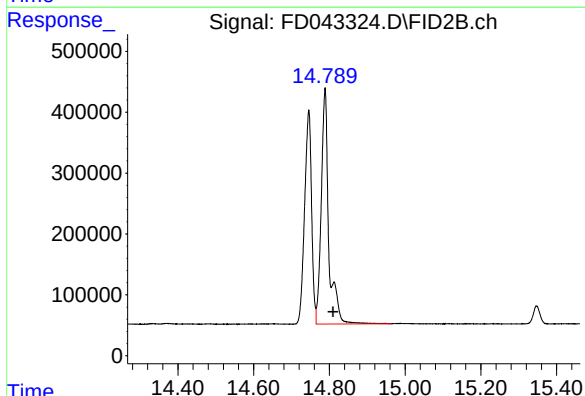
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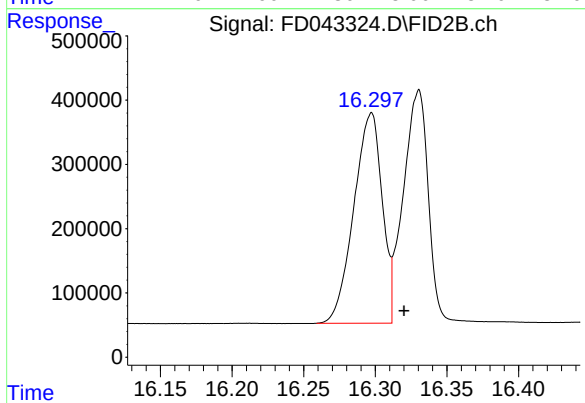
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min
Delta R.T.: -0.023 min
Response: 4481789
Conc: 28.86 ug/ml m



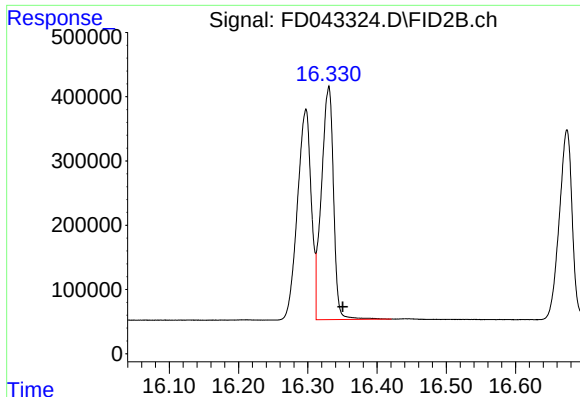
#15 Chrysene (C27.41)

R.T.: 14.788 min
Delta R.T.: -0.022 min
Response: 5353737
Conc: 33.92 ug/ml



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

R.T.: 16.297 min
Delta R.T.: -0.023 min
Response: 4531016
Conc: 29.72 ug/ml m



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

R.T.: 16.330 min
Delta R.T.: -0.021 min
Response: 4410005
Conc: 30.13 ug/ml

Instrument :

FID_D

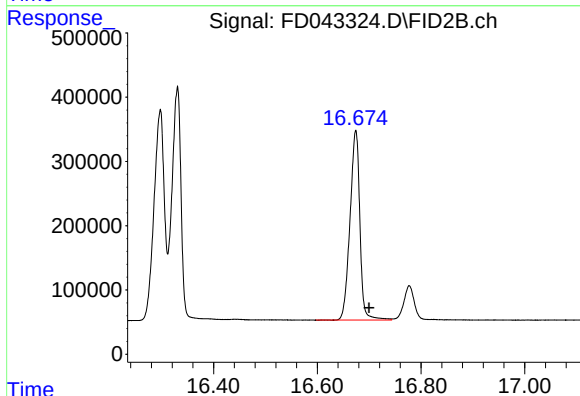
ClientSampleId :

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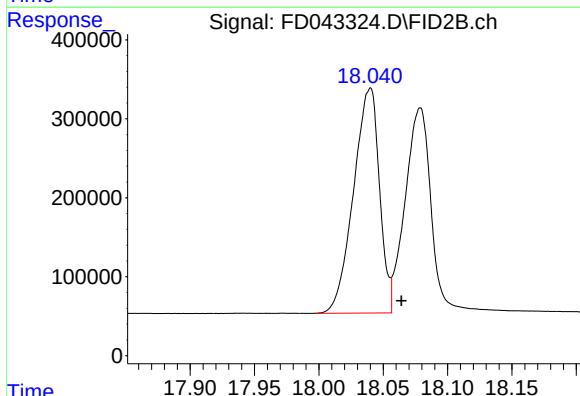
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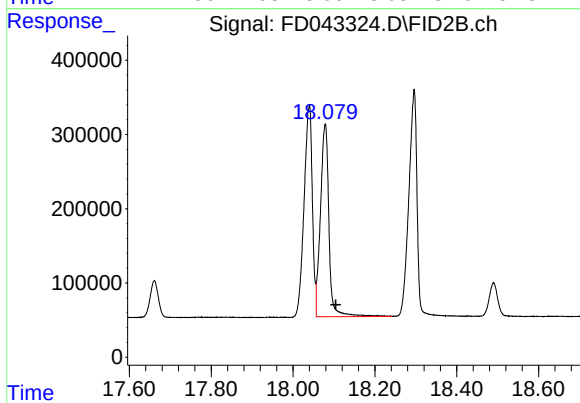
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.026 min
Response: 3899049
Conc: 27.26 ug/ml



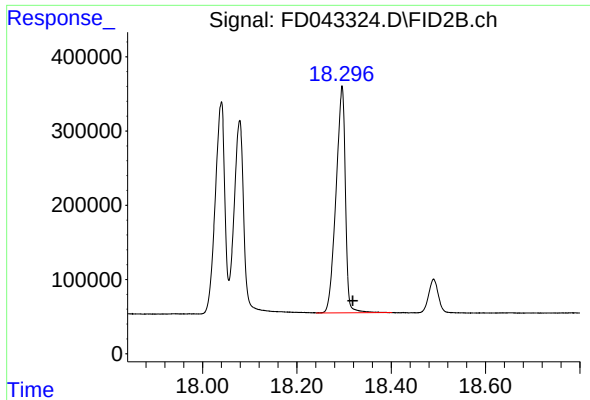
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: -0.024 min
Response: 4015451
Conc: 32.09 ug/ml m



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

R.T.: 18.078 min
Delta R.T.: -0.026 min
Response: 3745638
Conc: 27.86 ug/ml



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

R.T.: 18.295 min
Delta R.T.: -0.023 min
Response: 4225632
Conc: 32.40 ug/ml

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