

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090222AR\
 Data File : FD043802.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2022 19:45
 Operator : YP/AJ
 Sample : PB147463BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147463BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 04:04:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 05 01:51:33 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...	7.436	7533118	43.599 ug/ml
Spiked Amount 50.000		Recovery =	87.20%
6) S 2-Fluorobiphenyl (SURR)	8.290	4857029	48.284 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.57%
11) S ortho-Terphenyl (SURR)	11.323	7219354	34.508 ug/ml
Spiked Amount 50.000		Recovery =	69.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.243	5213801	26.181 ug/mlm
2) T Naphthalene (C11.7)	5.776	5964691	29.675 ug/ml
3) T 2-Methylnaphthalene (...)	6.822	5866053	32.499 ug/ml
5) T Acenaphthylene (C15.06)	8.386	6749614	33.767 ug/ml
7) T Acenaphthene (C15.5)	8.386	6749614	31.400 ug/ml
8) T Flouorene (C16.55)	9.165	6558576	34.210 ug/ml
9) T Phenanthrene (C19.36)	10.557	6759922	37.592 ug/mlm
10) T Anthracene (C19.43)	10.632	7012042	36.050 ug/ml
12) T Fluoranthene (C21.85)	12.361	6794572	37.258 ug/ml
13) T Pyrene (C20.8)	12.656	6686481	35.821 ug/mlm
14) T Benzo[a]anthracene (C...	14.524	6042161	42.229 ug/mlm
15) T Chrysene (C27.41)	14.566	6741358	34.928 ug/ml
16) T benzo[b]fluoranthene ...	16.069	5791314	40.134 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.101	5762292	33.503 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	5034215	34.669 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.811	5423303	52.441 ug/mlm
20) T Dibenz[a,h]anthracene...	17.845	5812013	41.301 ug/ml
21) T Benzo[g,h,i]perylene ...	18.062	5631610	44.237 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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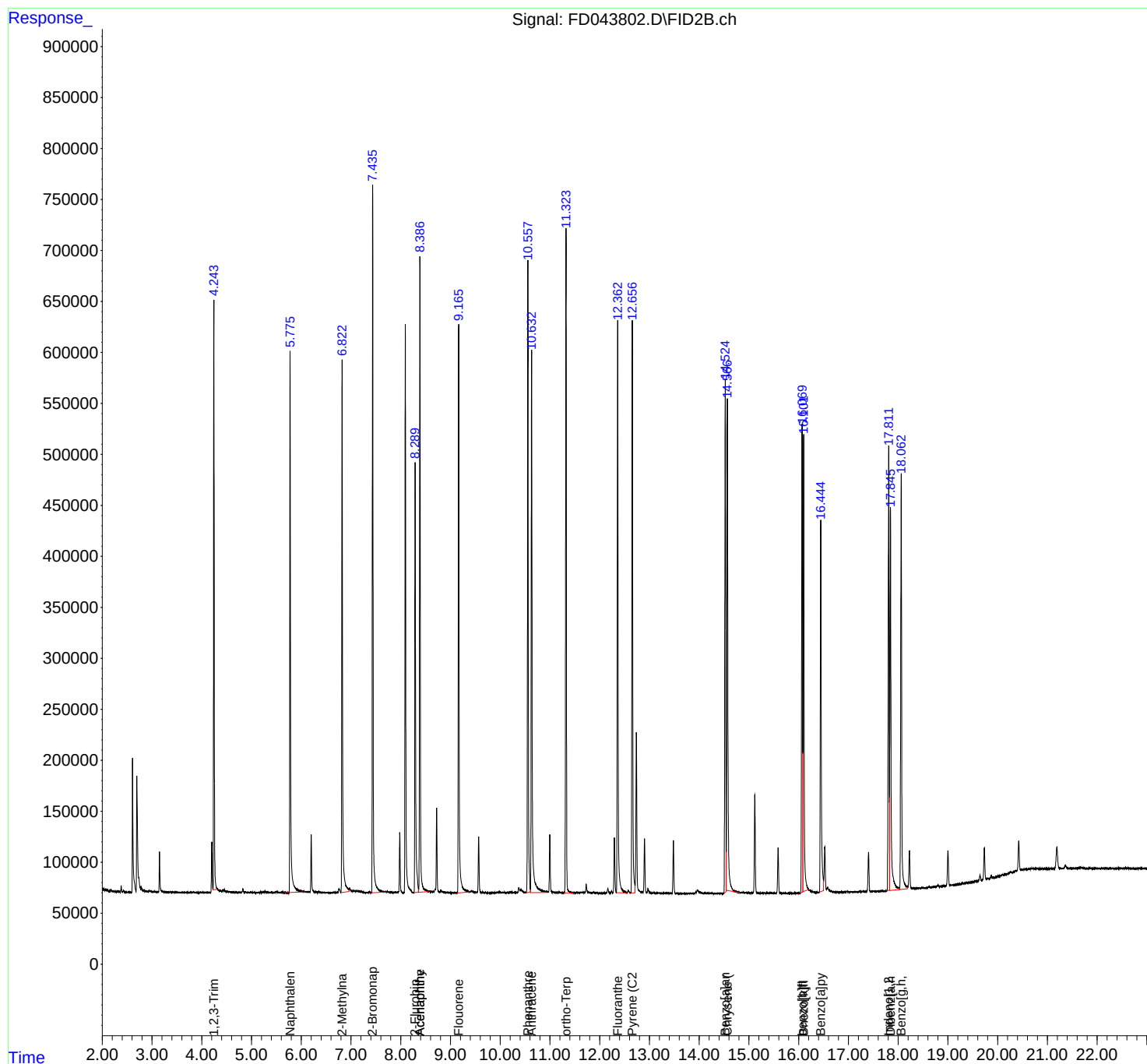
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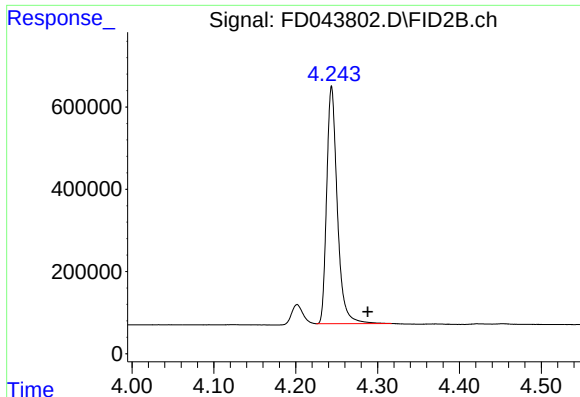
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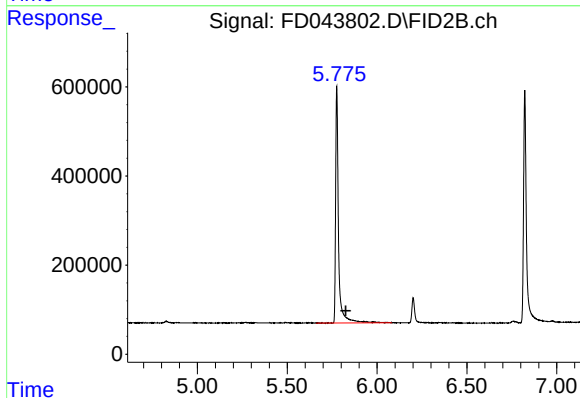
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.243 min
Delta R.T.: -0.045 min
Response: 5213801
Conc: 26.18 ug/ml

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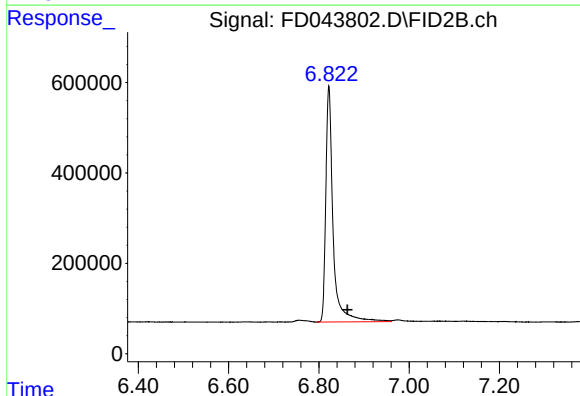
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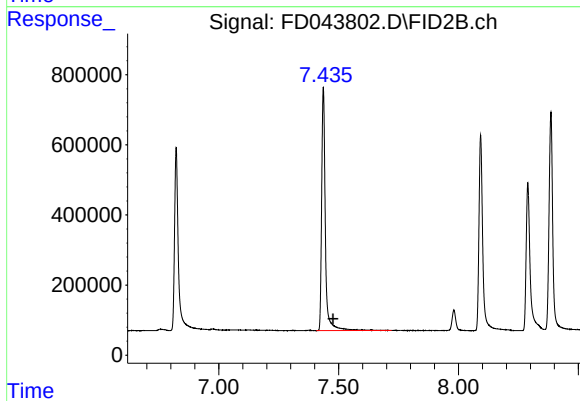
#2 Naphthalene (C11.7)

R.T.: 5.776 min
Delta R.T.: -0.050 min
Response: 5964691
Conc: 29.68 ug/ml



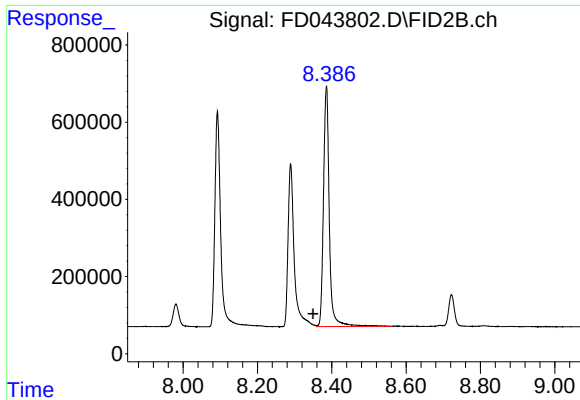
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.822 min
Delta R.T.: -0.041 min
Response: 5866053
Conc: 32.50 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.436 min
Delta R.T.: -0.040 min
Response: 7533118
Conc: 43.60 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.386 min
Delta R.T.: 0.036 min
Response: 6749614
Conc: 33.77 ug/ml

Instrument :

FID_D

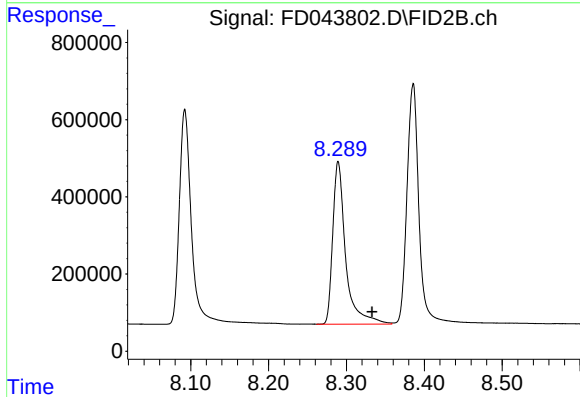
ClientSampleId :

PB147463BSD

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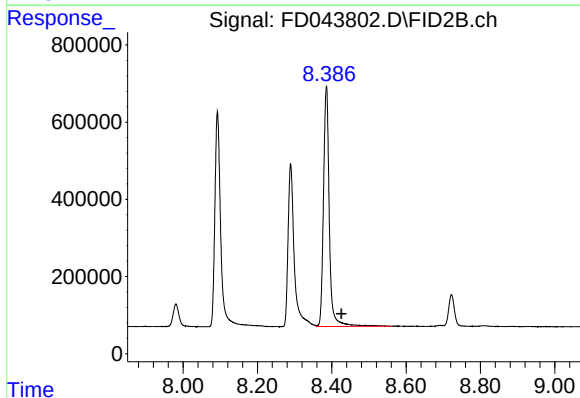
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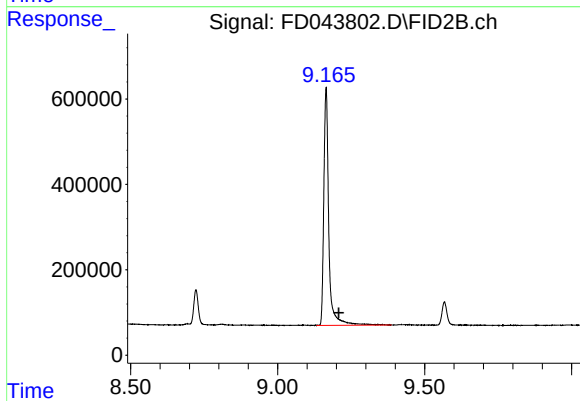
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.290 min
Delta R.T.: -0.043 min
Response: 4857029
Conc: 48.28 ug/ml



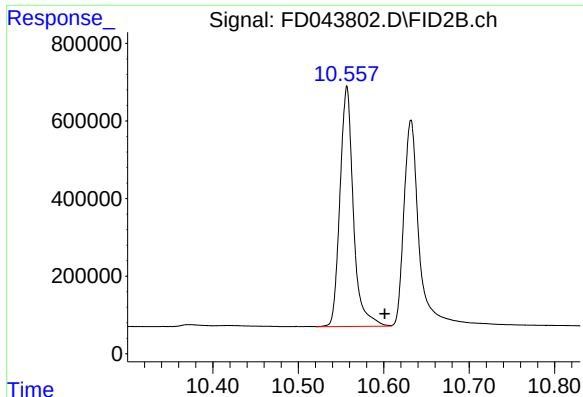
#7 Acenaphthene (C15.5)

R.T.: 8.386 min
Delta R.T.: -0.040 min
Response: 6749614
Conc: 31.40 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.165 min
Delta R.T.: -0.043 min
Response: 6558576
Conc: 34.21 ug/ml



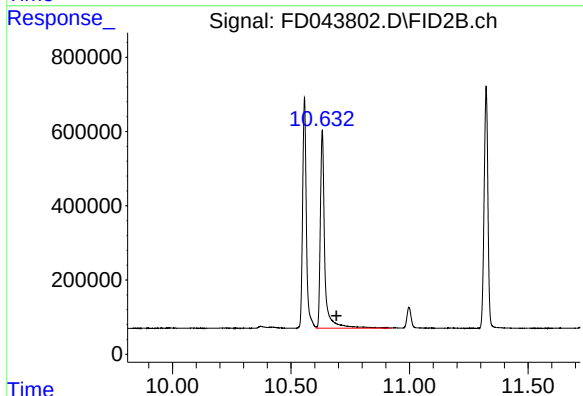
#9 Phenanthrene (C19.36)

R.T.: 10.557 min
Delta R.T.: -0.044 min
Response: 6759922
Conc: 37.59 ug/ml

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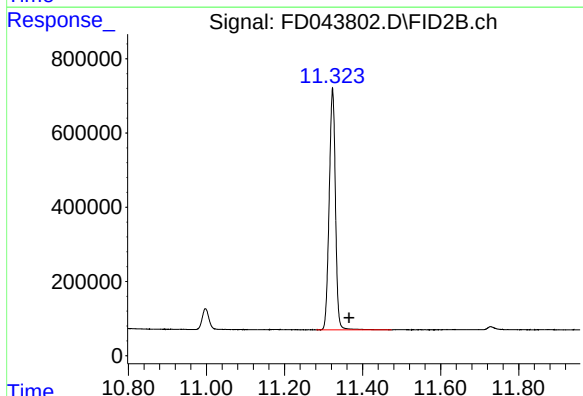
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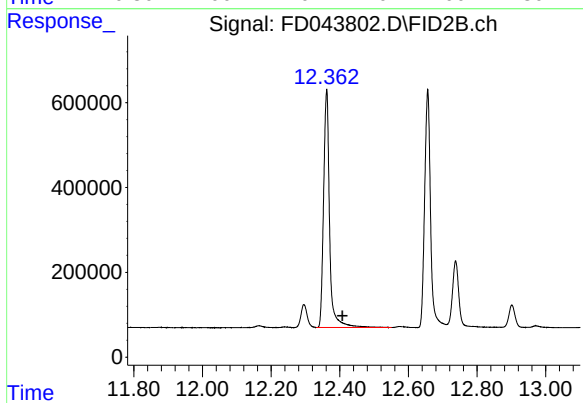
#10 Anthracene (C19.43)

R.T.: 10.632 min
Delta R.T.: -0.059 min
Response: 7012042
Conc: 36.05 ug/ml



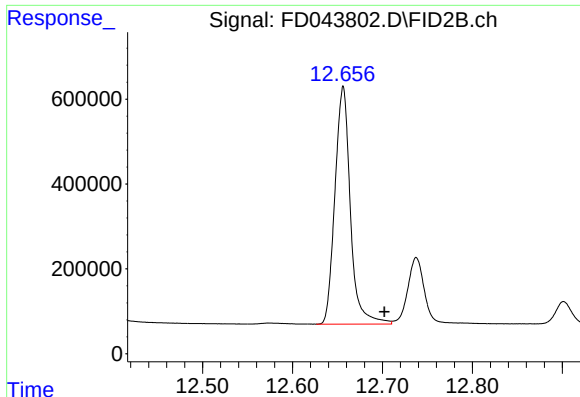
#11 ortho-Terphenyl (SURR)

R.T.: 11.323 min
Delta R.T.: -0.042 min
Response: 7219354
Conc: 34.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.361 min
Delta R.T.: -0.047 min
Response: 6794572
Conc: 37.26 ug/ml



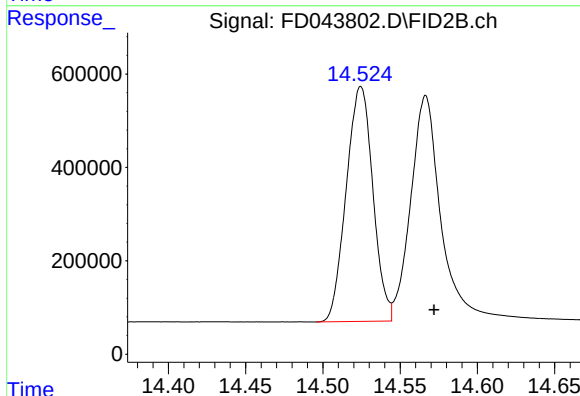
#13 Pyrene (C20.8)

R.T.: 12.656 min
Delta R.T.: -0.046 min
Response: 6686481
Conc: 35.82 ug/ml

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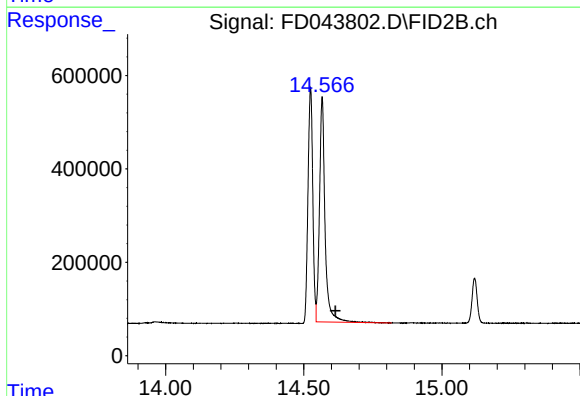
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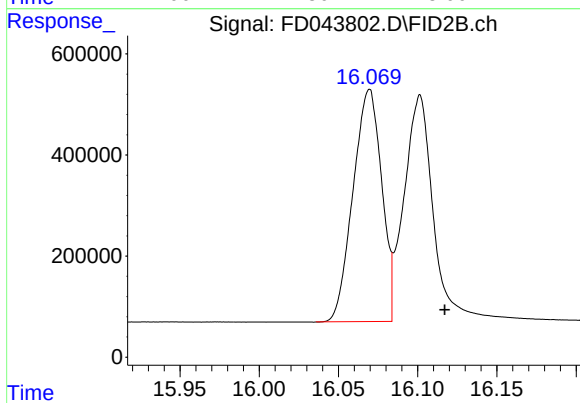
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.524 min
Delta R.T.: -0.048 min
Response: 6042161
Conc: 42.23 ug/ml m



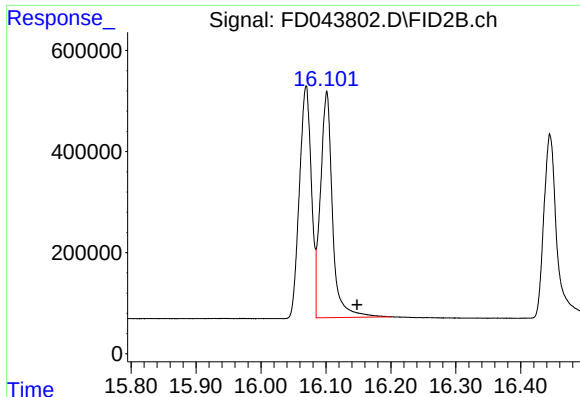
#15 Chrysene (C27.41)

R.T.: 14.566 min
Delta R.T.: -0.048 min
Response: 6741358
Conc: 34.93 ug/ml



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

R.T.: 16.069 min
Delta R.T.: -0.048 min
Response: 5791314
Conc: 40.13 ug/ml m



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

R.T.: 16.101 min
Delta R.T.: -0.047 min
Response: 5762292
Conc: 33.50 ug/ml

Instrument :

FID_D

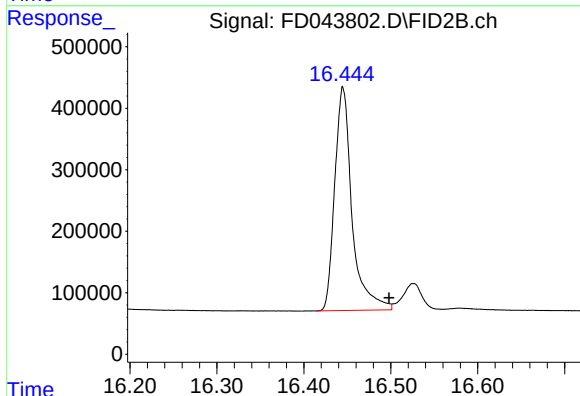
ClientSampleId :

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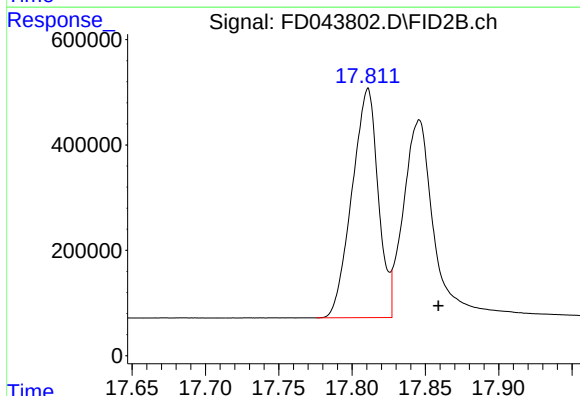
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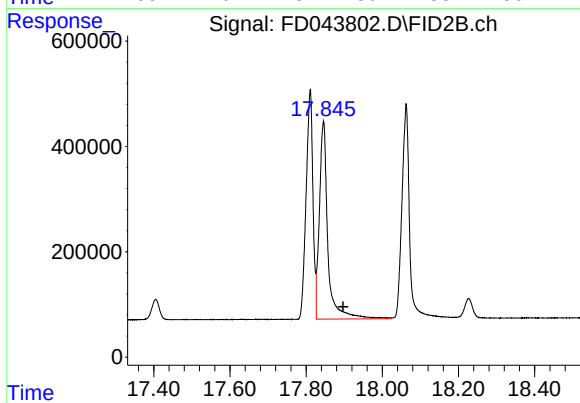
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: -0.054 min
Response: 5034215
Conc: 34.67 ug/ml m



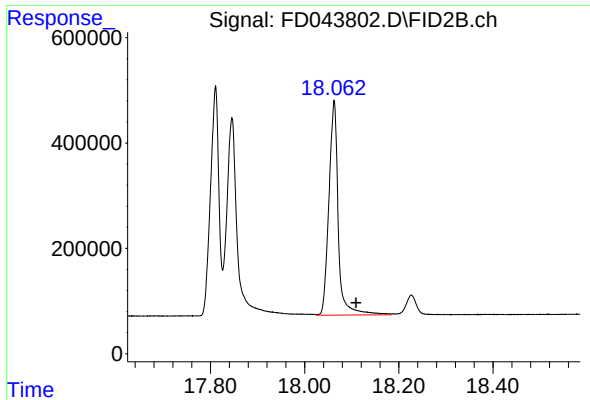
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.811 min
Delta R.T.: -0.048 min
Response: 5423303
Conc: 52.44 ug/ml m



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

R.T.: 17.845 min
Delta R.T.: -0.052 min
Response: 5812013
Conc: 41.30 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.047 min
Response: 5631610
Conc: 44.24 ug/ml

Instrument :

FID_D

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