

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012723AR\
 Data File : FD044912.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jan 2023 17:56
 Operator : YP/AJ
 Sample : PB150504BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150504BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2023
 Supervised By :Ankita Jodhani 01/30/2023

Integration File: autoint1.e
 Quant Time: Jan 28 00:50:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 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...	7.559	7143511	48.708 ug/ml
Spiked Amount 50.000		Recovery =	97.42%
6) S 2-Fluorobiphenyl (SURR)	8.415	4537379	45.459 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.92%
11) S ortho-Terphenyl (SURR)	11.456	7328770	39.432 ug/ml
Spiked Amount 50.000		Recovery =	78.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	5031389	31.519 ug/ml
2) T Naphthalene (C11.7)	5.897	5733471	33.839 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	5737605	33.444 ug/ml
5) T Acenaphthylene (C15.06)	8.218	6332423	40.298 ug/ml
7) T Acenaphthene (C15.5)	8.514	6448001	38.781 ug/ml
8) T Flouorene (C16.55)	9.293	6573150	40.047 ug/ml
9) T Phenanthrene (C19.36)	10.685	6729722	41.623 ug/ml
10) T Anthracene (C19.43)	10.760	6627758	44.708 ug/ml
12) T Fluoranthene (C21.85)	12.492	6741266	42.122 ug/ml
13) T Pyrene (C20.8)	12.788	6726302	42.866 ug/ml
14) T Benzo[a]anthracene (C...	14.653	6312841	44.231 ug/ml
15) T Chrysene (C27.41)	14.698	6996643	47.255 ug/mlm
16) T benzo[b]fluoranthene ...	16.199	6269422	43.217 ug/ml
17) T Bnezo[k]fluoranthene ...	16.234	5879146	41.236 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	5532739	39.594 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.934	5740280	42.656 ug/ml
20) T Dibenz[a,h]anthracene...	17.976	5509316	41.574 ug/ml
21) T Benzo[g,h,i]perylene ...	18.190	5674378	41.734 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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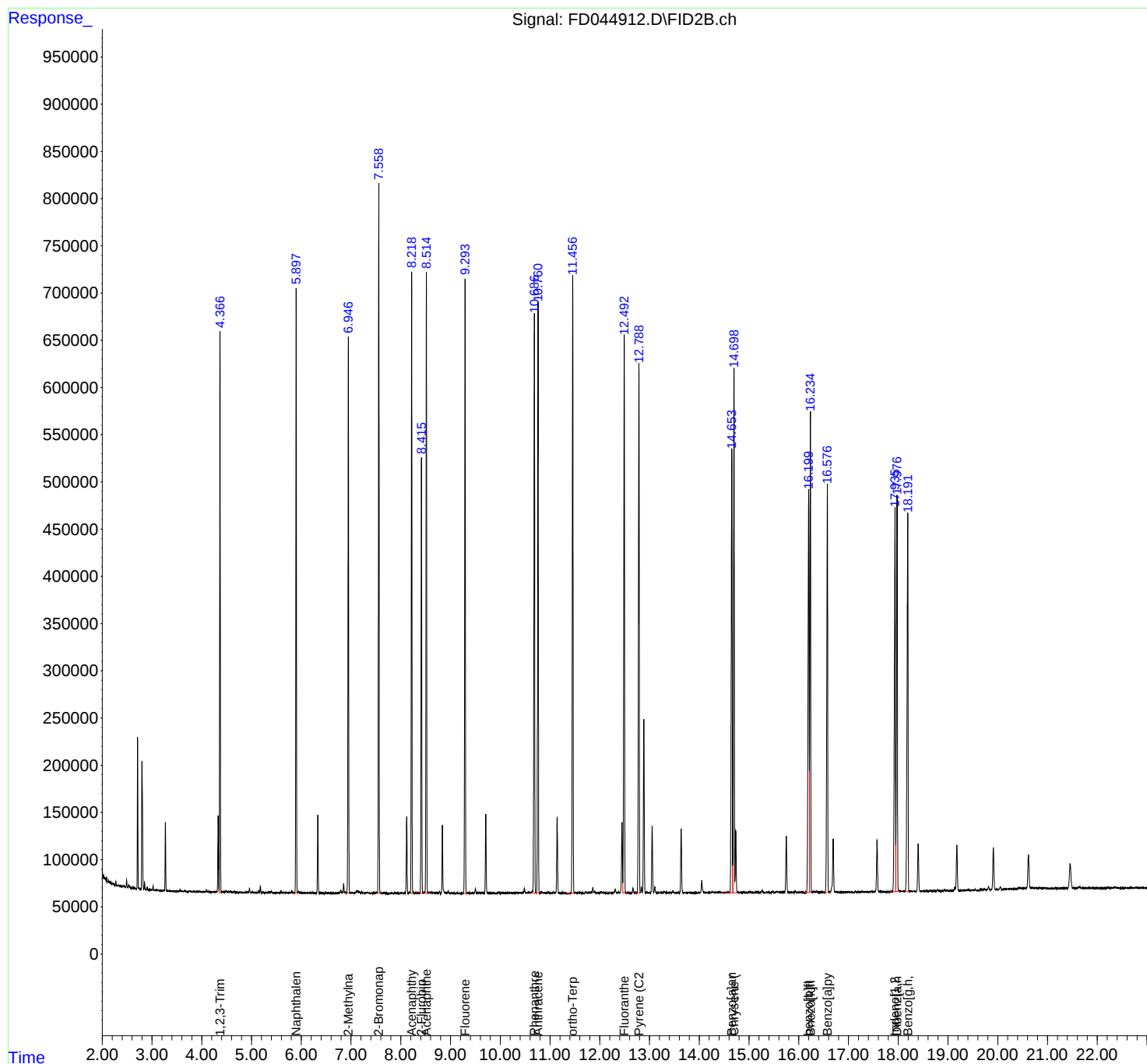
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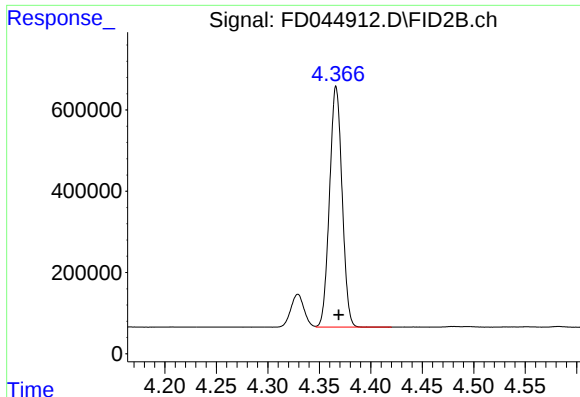
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 5031389
Conc: 31.52 ug/ml

Instrument :

FID_D

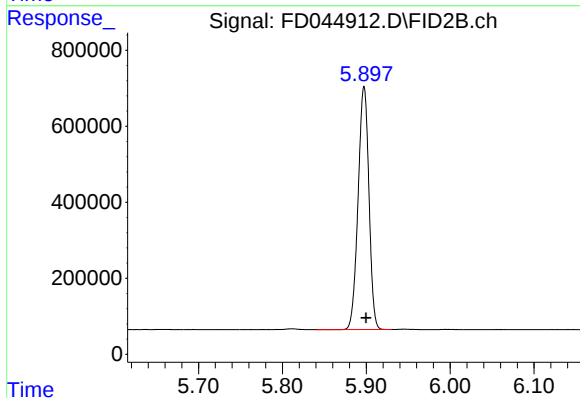
ClientSampleId :

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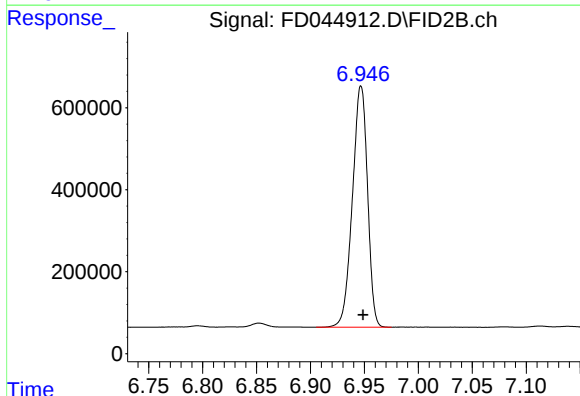
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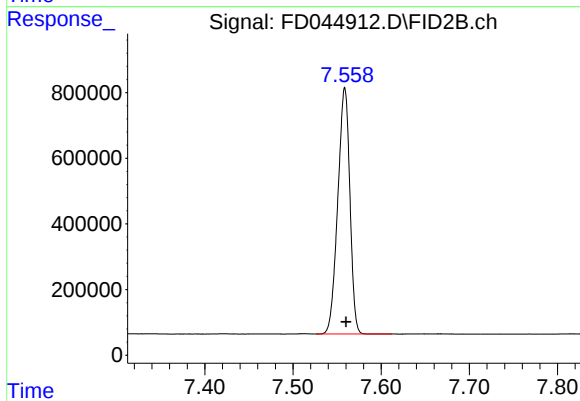
#2 Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 5733471
Conc: 33.84 ug/ml



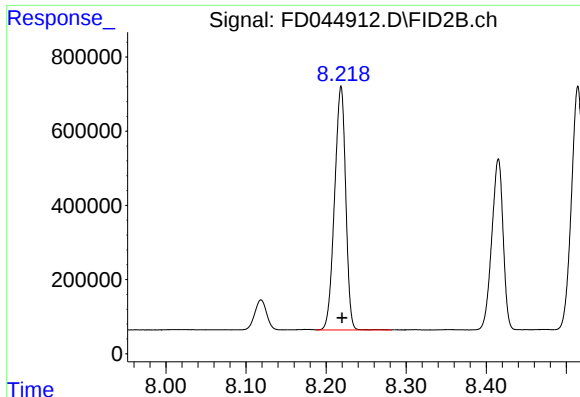
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 5737605
Conc: 33.44 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 7143511
Conc: 48.71 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 6332423
Conc: 40.30 ug/ml

Instrument :

FID_D

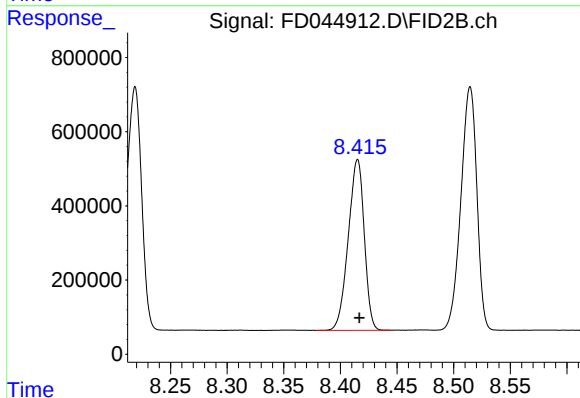
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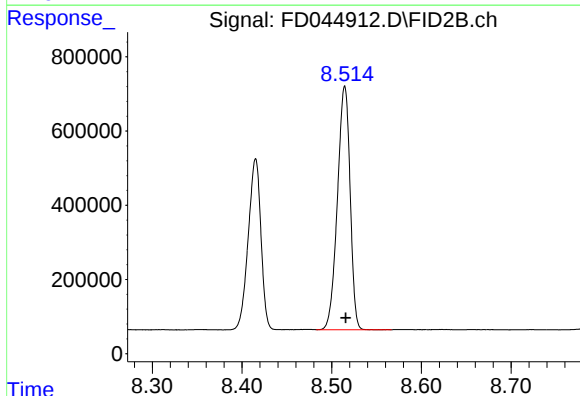
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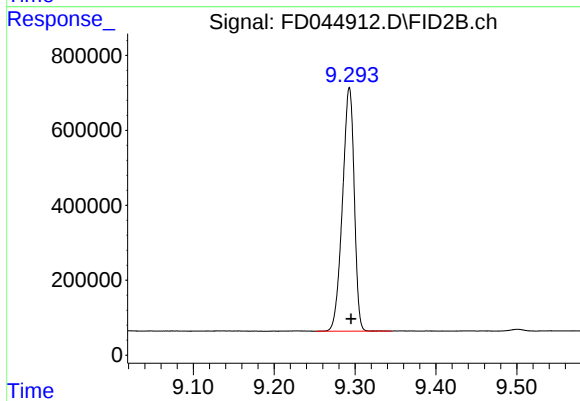
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 4537379
Conc: 45.46 ug/ml



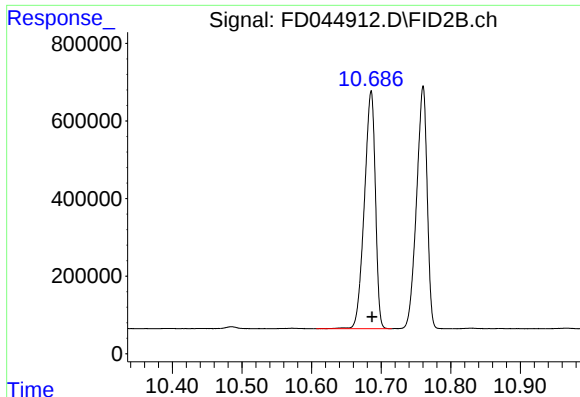
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.001 min
Response: 6448001
Conc: 38.78 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 6573150
Conc: 40.05 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: -0.002 min
Response: 6729722
Conc: 41.62 ug/ml

Instrument :

FID_D

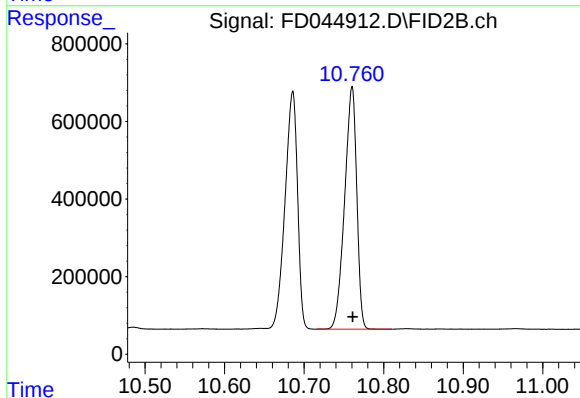
ClientSampleId :

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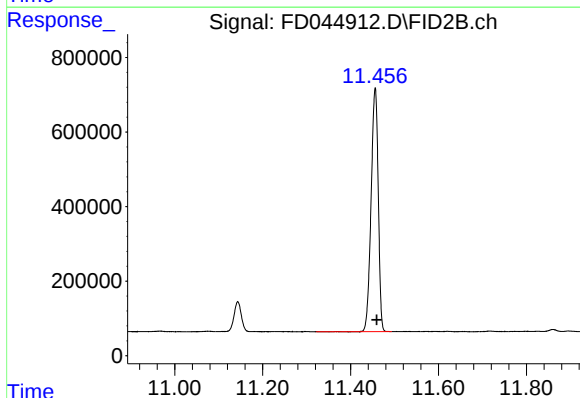
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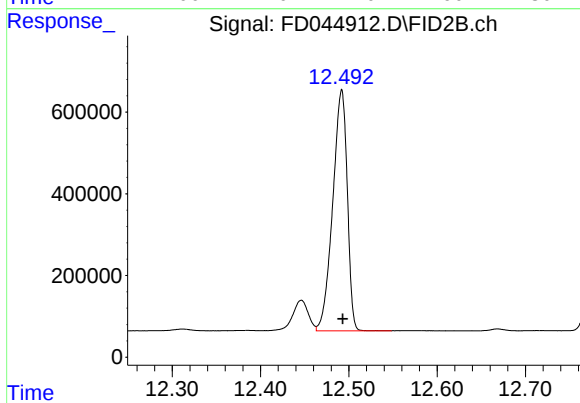
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: -0.001 min
Response: 6627758
Conc: 44.71 ug/ml



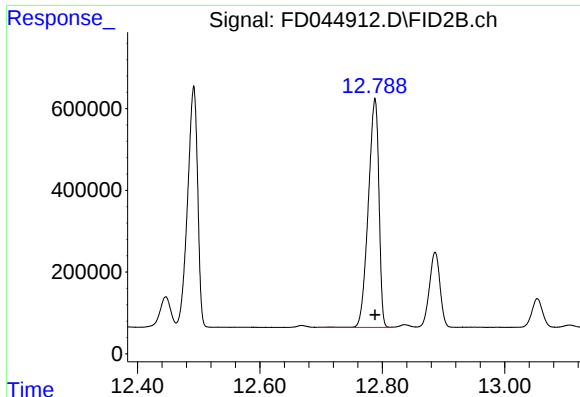
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.003 min
Response: 7328770
Conc: 39.43 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.492 min
Delta R.T.: -0.002 min
Response: 6741266
Conc: 42.12 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 6726302
Conc: 42.87 ug/ml

Instrument :

FID_D

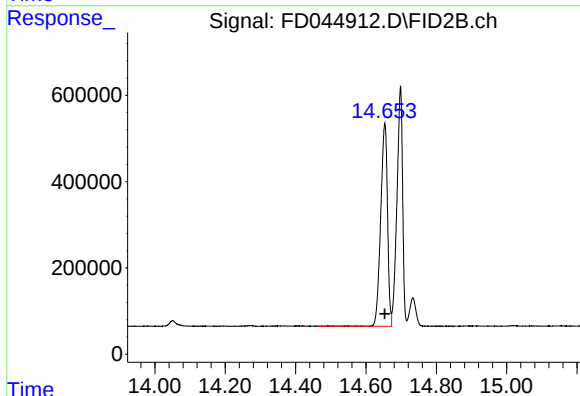
ClientSampleId :

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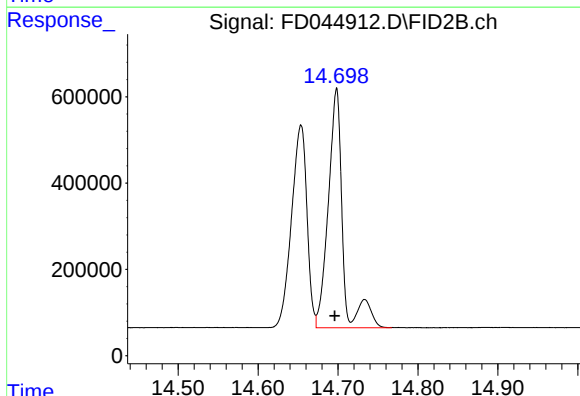
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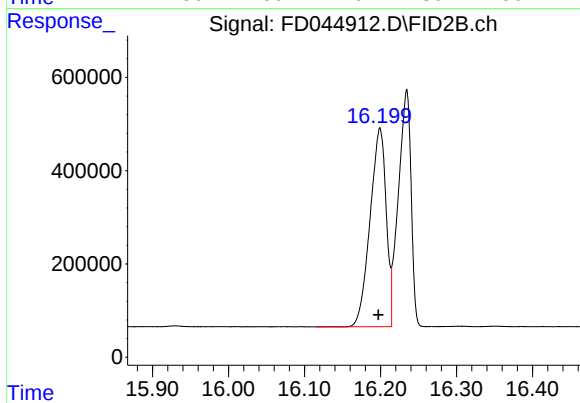
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min
Delta R.T.: 0.000 min
Response: 6312841
Conc: 44.23 ug/ml



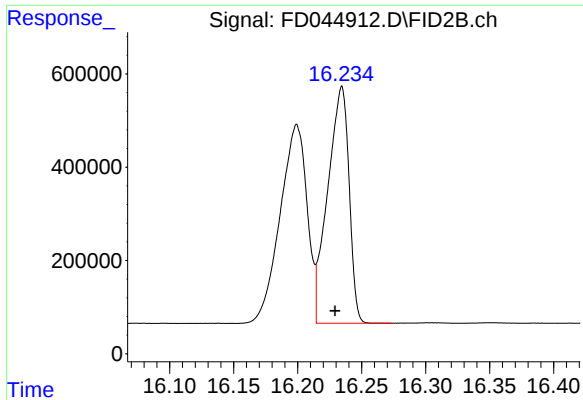
#15 Chrysene (C27.41)

R.T.: 14.698 min
Delta R.T.: 0.002 min
Response: 6996643
Conc: 47.25 ug/ml m



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

R.T.: 16.199 min
Delta R.T.: 0.002 min
Response: 6269422
Conc: 43.22 ug/ml



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

R.T.: 16.234 min
Delta R.T.: 0.005 min
Response: 5879146
Conc: 41.24 ug/ml

Instrument :

FID_D

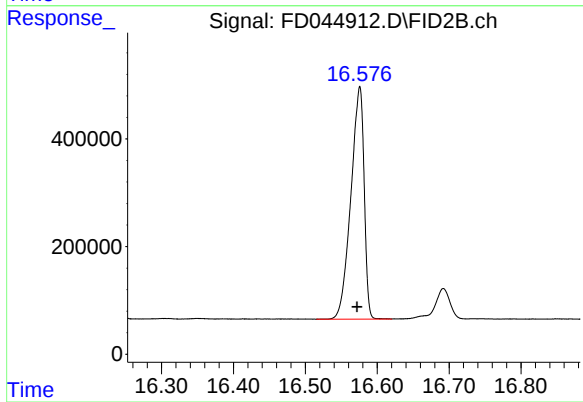
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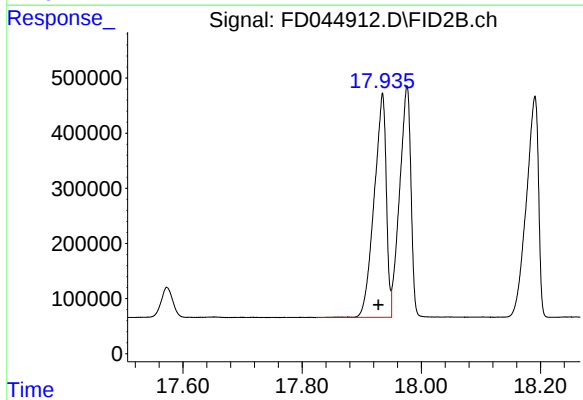
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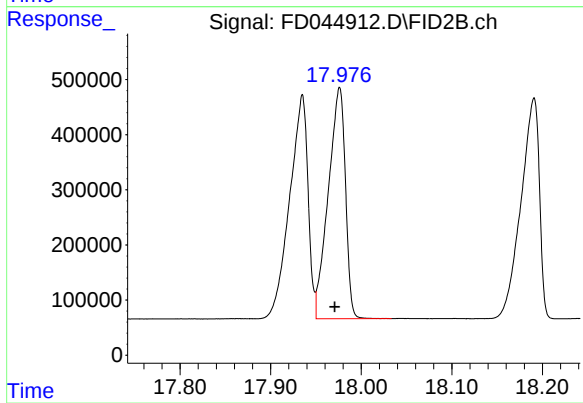
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: 0.003 min
Response: 5532739
Conc: 39.59 ug/ml



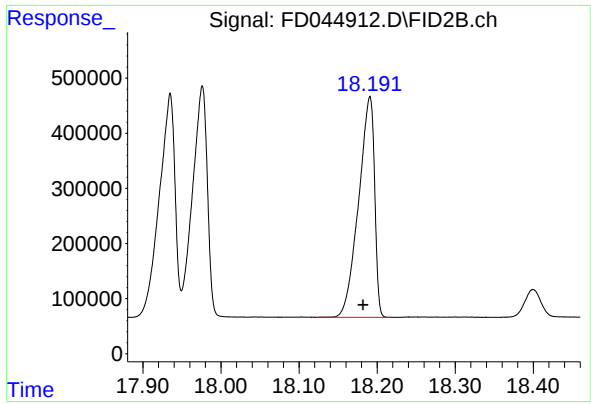
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.934 min
Delta R.T.: 0.006 min
Response: 5740280
Conc: 42.66 ug/ml



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

R.T.: 17.976 min
Delta R.T.: 0.005 min
Response: 5509316
Conc: 41.57 ug/ml



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

R.T.: 18.190 min
Delta R.T.: 0.008 min
Response: 5674378
Conc: 41.73 ug/ml

Instrument :

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