

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044689.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2022 17:37
 Operator : YP/AJ
 Sample : PB149873BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149873BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2022
 Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e
 Quant Time: Dec 25 14:27:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.685	6054680	46.653 ug/ml
Spiked Amount 50.000		Recovery =	93.31%
6) S 2-Fluorobiphenyl (SURR)	8.543	3929811	44.497 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.99%
11) S ortho-Terphenyl (SURR)	11.571	5773673	35.477 ug/ml
Spiked Amount 50.000		Recovery =	70.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	4357854	30.537 ug/mlm
2) T Naphthalene (C11.7)	6.033	5573340	37.068 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	5232532	34.632 ug/ml
5) T Acenaphthylene (C15.06)	8.348	6033409	43.401 ug/ml
7) T Acenaphthene (C15.5)	8.642	5497686	37.462 ug/ml
8) T Flouorene (C16.55)	9.419	5990378	41.546 ug/ml
9) T Phenanthrene (C19.36)	10.808	6333659	44.415 ug/ml
10) T Anthracene (C19.43)	10.882	6238332	44.901 ug/ml
12) T Fluoranthene (C21.85)	12.609	6573247	46.109 ug/ml
13) T Pyrene (C20.8)	12.905	6363554	45.725 ug/ml
14) T Benzo[a]anthracene (C...	14.764	6513549	50.340 ug/ml
15) T Chrysene (C27.41)	14.808	6788039	50.351 ug/ml
16) T benzo[b]fluoranthene ...	16.305	6645121	50.487 ug/ml
17) T Bnezo[k]fluoranthene ...	16.340	6220851	47.772 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	5810408	44.959 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	6077302	47.684 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	6099421	48.476 ug/ml
21) T Benzo[g,h,i]perylene ...	18.293	5926526	46.078 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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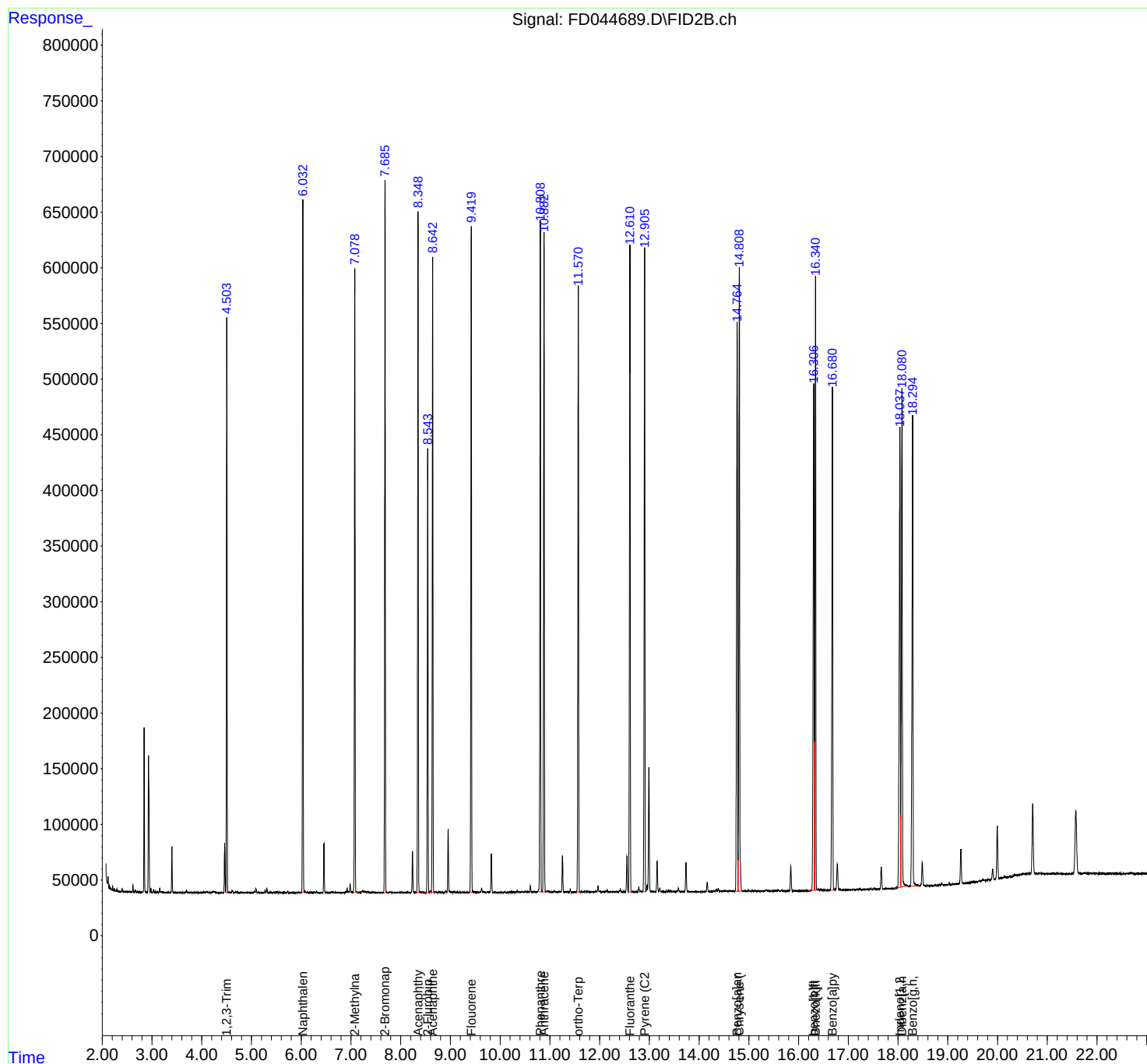
Instrument :
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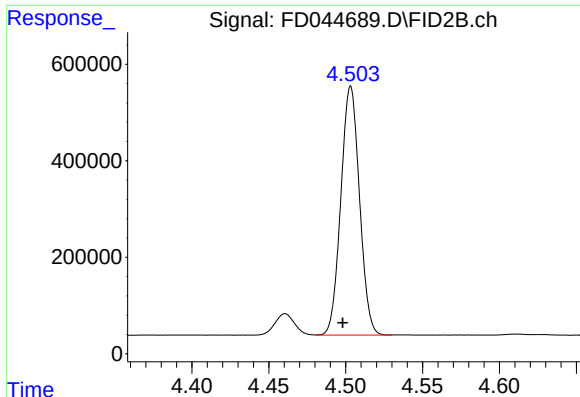
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.503 min
Delta R.T.: 0.005 min
Response: 4357854
Conc: 30.54 ug/ml

Instrument :

FID_D

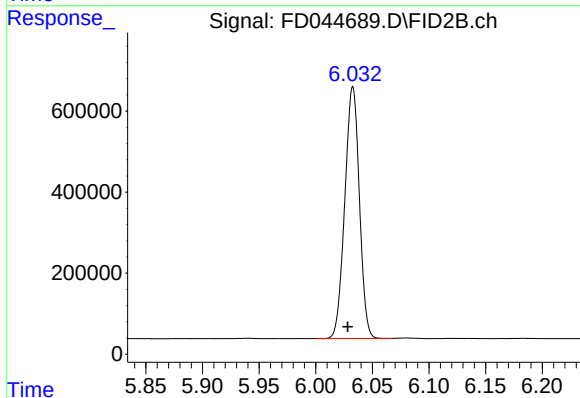
ClientSampleId :

PB149873BSD

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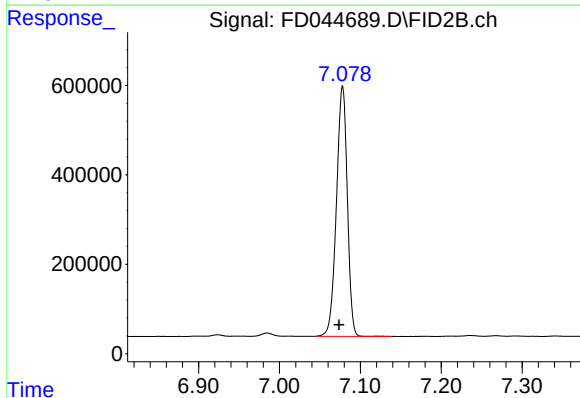
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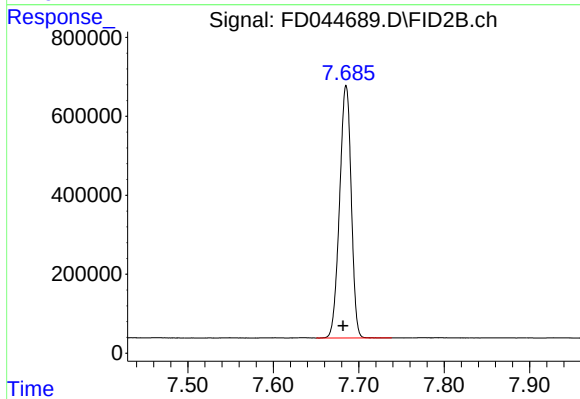
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: 0.004 min
Response: 5573340
Conc: 37.07 ug/ml



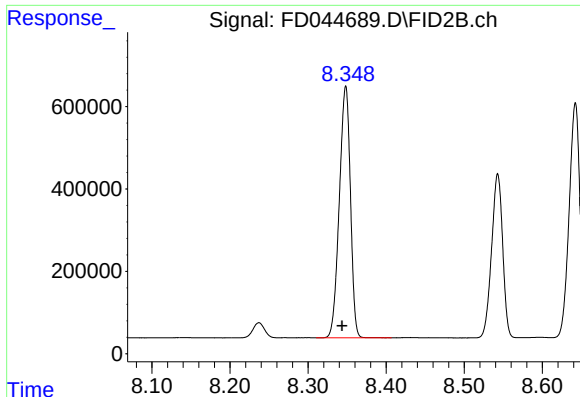
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: 0.004 min
Response: 5232532
Conc: 34.63 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.685 min
Delta R.T.: 0.004 min
Response: 6054680
Conc: 46.65 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.348 min
Delta R.T.: 0.004 min
Response: 6033409
Conc: 43.40 ug/ml

Instrument :

FID_D

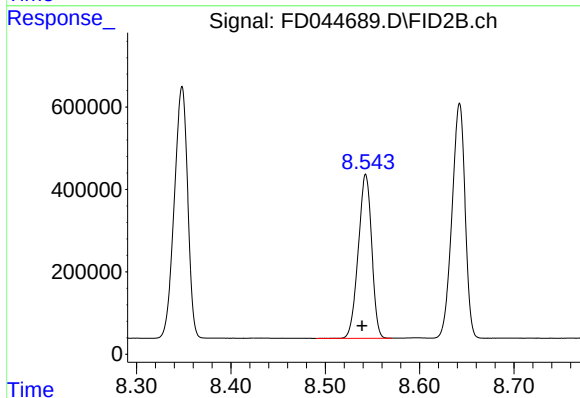
ClientSampleId :

PB149873BSD

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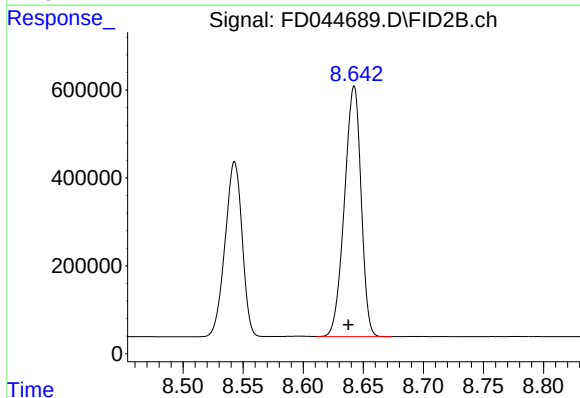
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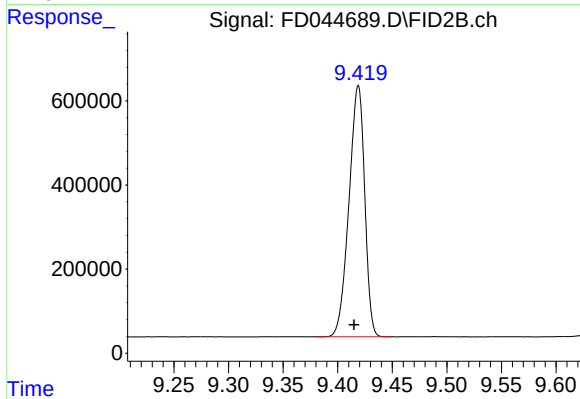
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.543 min
Delta R.T.: 0.004 min
Response: 3929811
Conc: 44.50 ug/ml



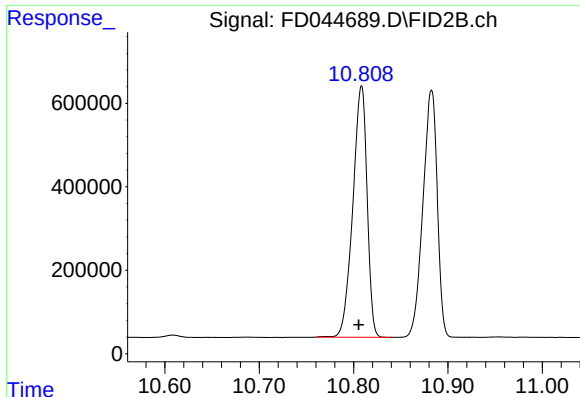
#7 Acenaphthene (C15.5)

R.T.: 8.642 min
Delta R.T.: 0.004 min
Response: 5497686
Conc: 37.46 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.419 min
Delta R.T.: 0.004 min
Response: 5990378
Conc: 41.55 ug/ml



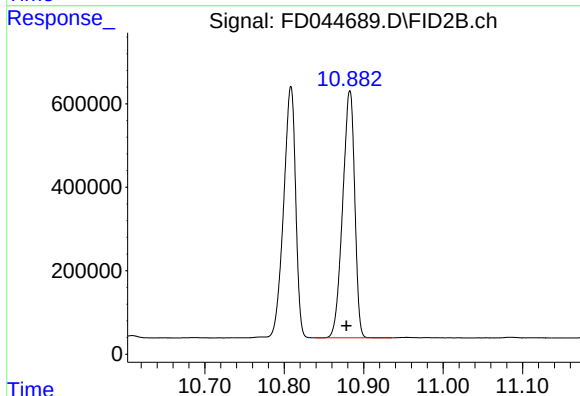
#9 Phenanthrene (C19.36)

R.T.: 10.808 min
Delta R.T.: 0.003 min
Response: 6333659
Conc: 44.41 ug/ml

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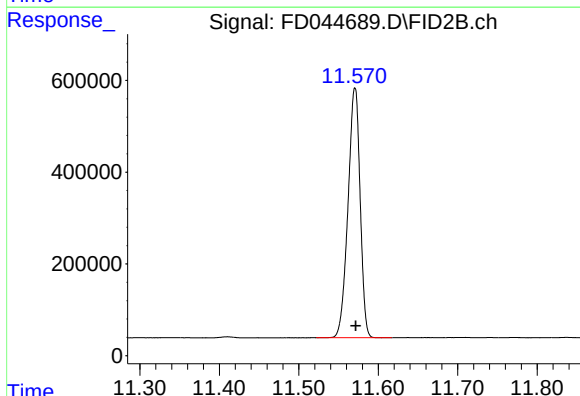
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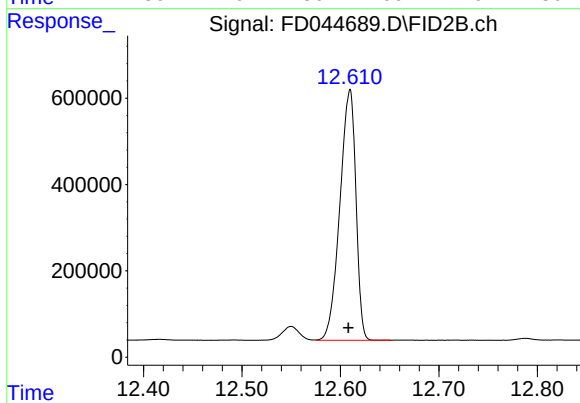
#10 Anthracene (C19.43)

R.T.: 10.882 min
Delta R.T.: 0.004 min
Response: 6238332
Conc: 44.90 ug/ml



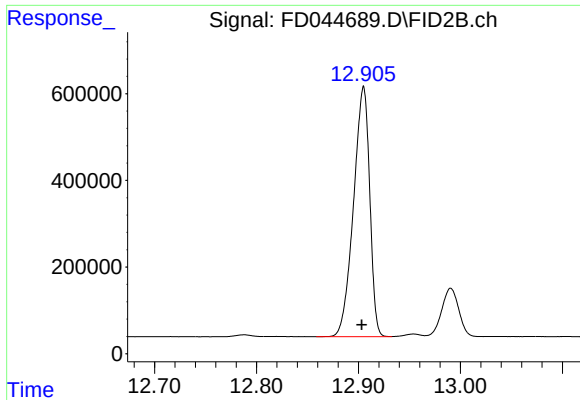
#11 ortho-Terphenyl (SURR)

R.T.: 11.571 min
Delta R.T.: -0.001 min
Response: 5773673
Conc: 35.48 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.609 min
Delta R.T.: 0.000 min
Response: 6573247
Conc: 46.11 ug/ml



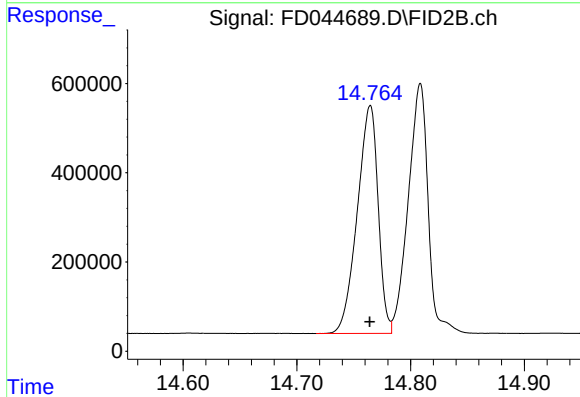
#13 Pyrene (C20.8)

R.T.: 12.905 min
Delta R.T.: 0.001 min
Response: 6363554
Conc: 45.73 ug/ml

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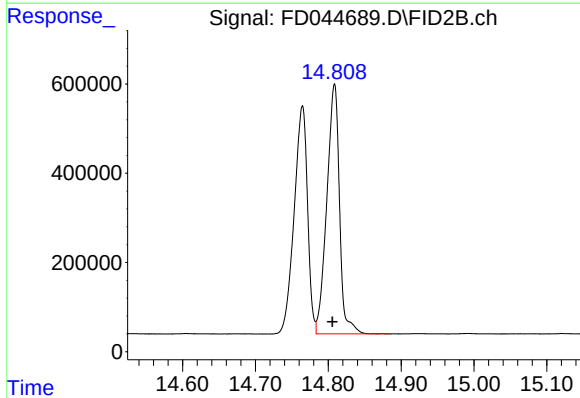
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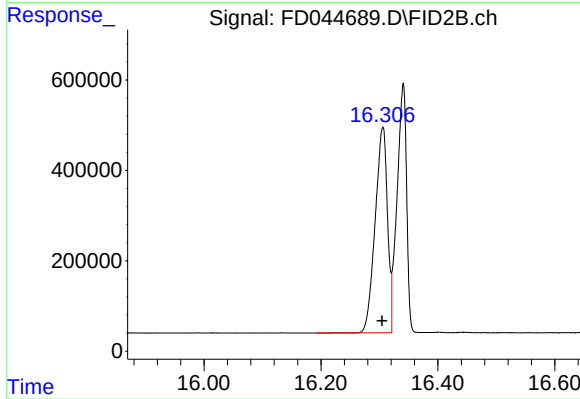
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min
Delta R.T.: 0.000 min
Response: 6513549
Conc: 50.34 ug/ml



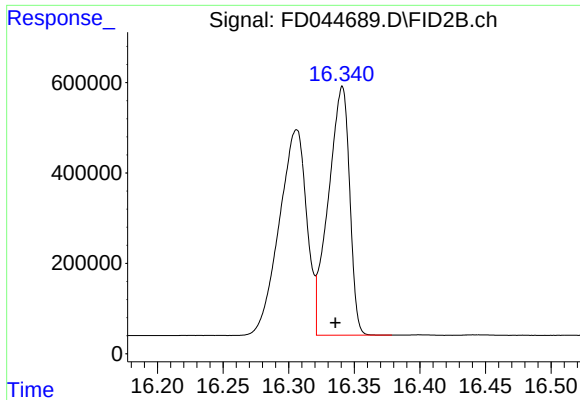
#15 Chrysene (C27.41)

R.T.: 14.808 min
Delta R.T.: 0.003 min
Response: 6788039
Conc: 50.35 ug/ml



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

R.T.: 16.305 min
Delta R.T.: 0.000 min
Response: 6645121
Conc: 50.49 ug/ml



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

R.T.: 16.340 min
Delta R.T.: 0.005 min
Response: 6220851
Conc: 47.77 ug/ml

Instrument :

FID_D

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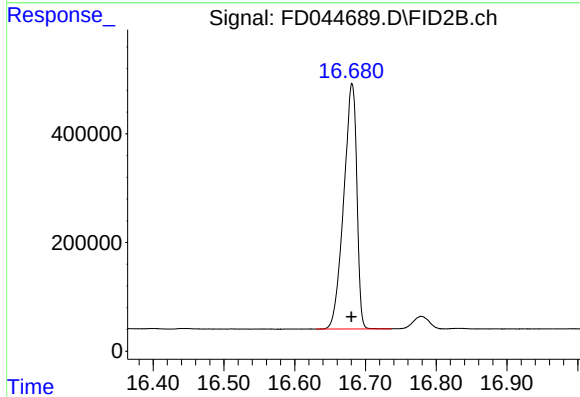
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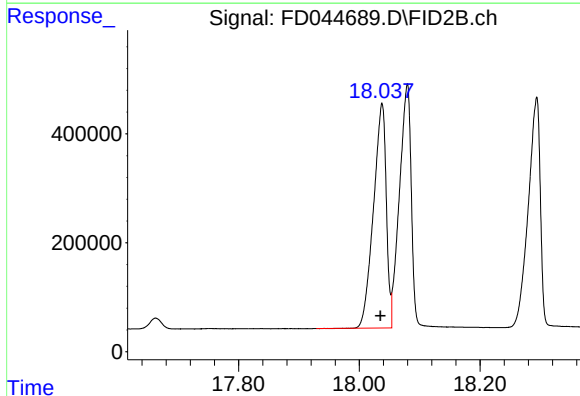
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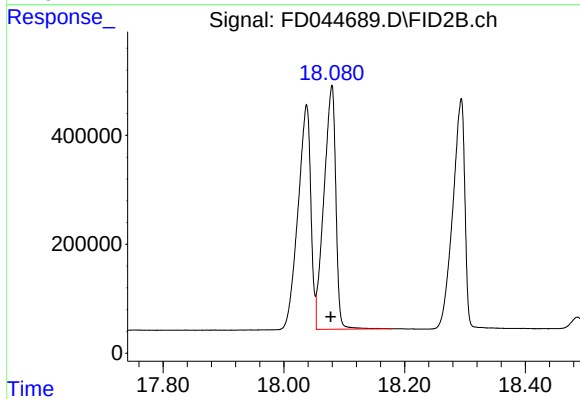
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: 0.000 min
Response: 5810408
Conc: 44.96 ug/ml



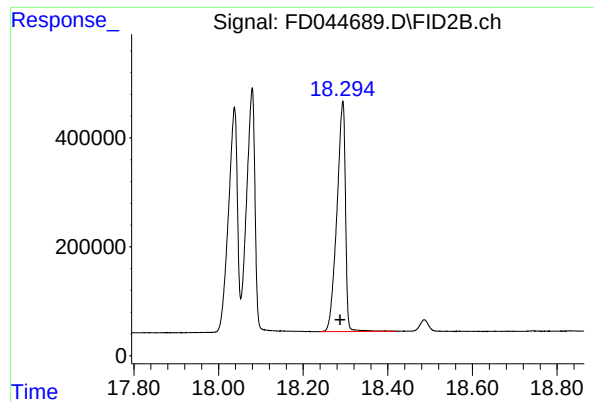
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: 0.002 min
Response: 6077302
Conc: 47.68 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.001 min
Response: 6099421
Conc: 48.48 ug/ml



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

R.T.: 18.293 min
Delta R.T.: 0.006 min
Response: 5926526
Conc: 46.08 ug/ml

Instrument :

FID_D

ClientSampleId :

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