

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111022AR\
 Data File : FD044414.D
 Signal(s) : FID2B.ch
 Acq On : 10 Nov 2022 16:35
 Operator : YP/AJ
 Sample : PB148939BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB148939BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2022
 Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e
 Quant Time: Nov 11 03:02:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 06:01:26 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...	7.700	6139677	45.372 ug/mlm
Spiked Amount 50.000		Recovery =	90.74%
6) S 2-Fluorobiphenyl (SURR)	8.561	3632054	38.730 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.46%
11) S ortho-Terphenyl (SURR)	11.597	6376099	37.163 ug/ml
Spiked Amount 50.000		Recovery =	74.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	4420660	30.328 ug/ml
2) T Naphthalene (C11.7)	6.043	5293460	33.998 ug/ml
3) T 2-Methylnaphthalene (...)	7.092	5527403	34.986 ug/ml
5) T Acenaphthylene (C15.06)	8.366	5705973	37.839 ug/ml
7) T Acenaphthene (C15.5)	8.662	6092945	39.376 ug/ml
8) T Flouorene (C16.55)	9.439	6286941	40.879 ug/ml
9) T Phenanthrene (C19.36)	10.833	6621209	44.030 ug/mlm
10) T Anthracene (C19.43)	10.908	6569741	44.840 ug/ml
12) T Fluoranthene (C21.85)	12.640	6666607	43.867 ug/ml
13) T Pyrene (C20.8)	12.937	6675972	44.910 ug/ml
14) T Benzo[a]anthracene (C...	14.801	6517167	46.561 ug/mlm
15) T Chrysene (C27.41)	14.846	6915220	47.218 ug/mlm
16) T benzo[b]fluoranthene ...	16.345	6415265	44.607 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.381	6031673	42.422 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.723	5726523	40.932 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.082	6177156	45.303 ug/mlm
20) T Dibenz[a,h]anthracene...	18.123	5872767	43.599 ug/ml
21) T Benzo[g,h,i]perylene ...	18.339	5957791	43.643 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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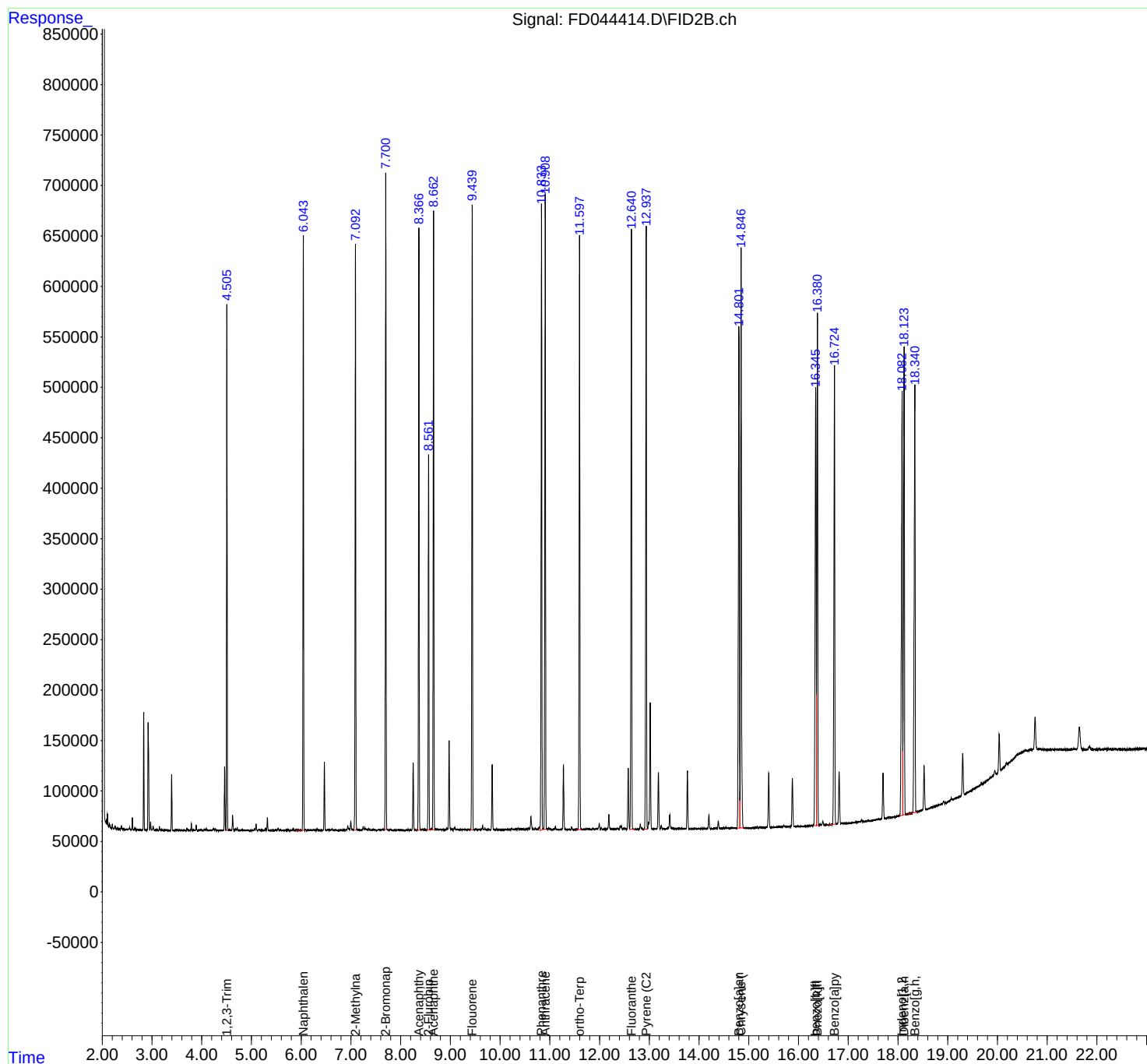
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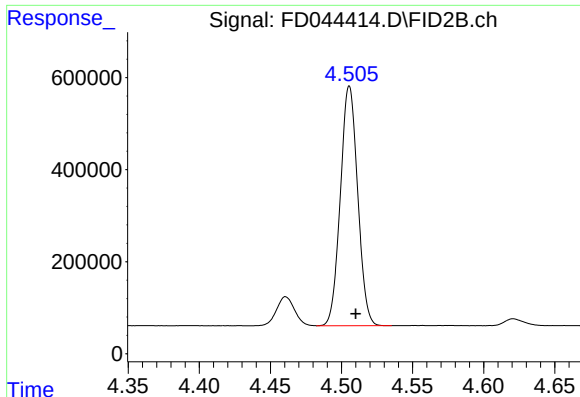
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.506 min
Delta R.T.: -0.004 min
Response: 4420660
Conc: 30.33 ug/ml

Instrument :

FID_D

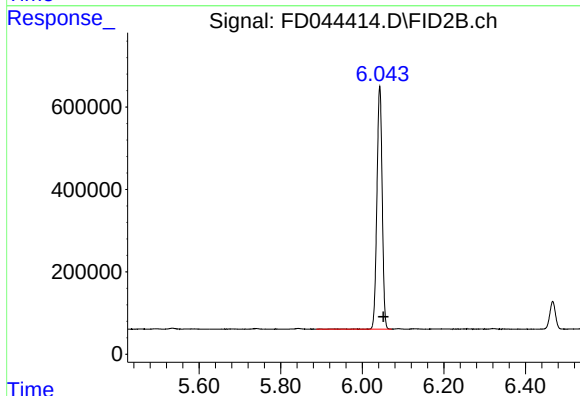
ClientSampleId :

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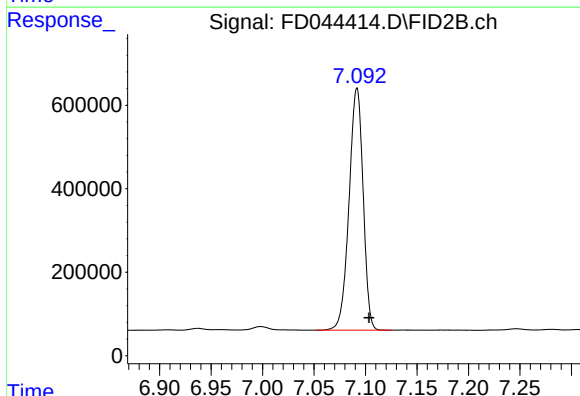
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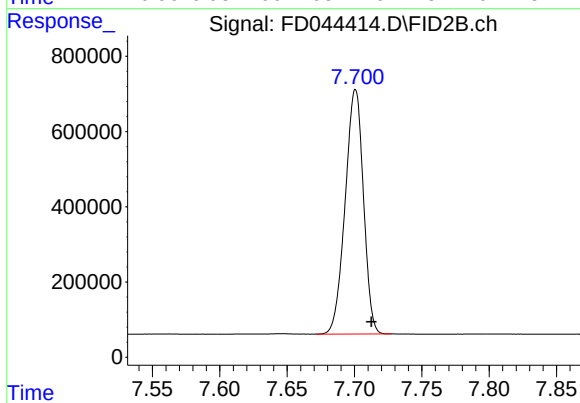
#2 Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: -0.009 min
Response: 5293460
Conc: 34.00 ug/ml



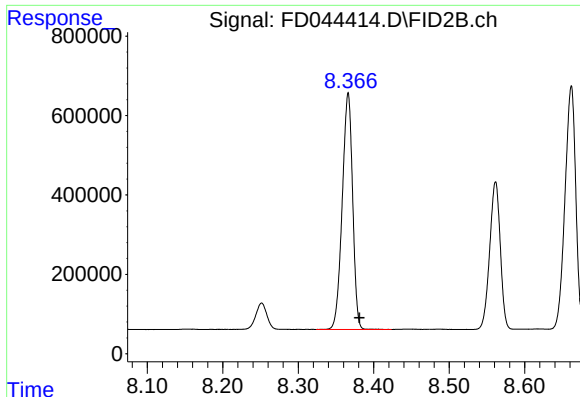
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: -0.012 min
Response: 5527403
Conc: 34.99 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.700 min
Delta R.T.: -0.012 min
Response: 6139677
Conc: 45.37 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 8.366 min
Delta R.T.: -0.015 min
Response: 5705973
Conc: 37.84 ug/ml

Instrument :

FID_D

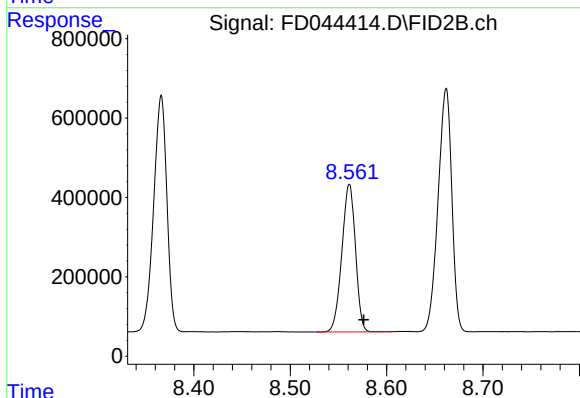
ClientSampleId :

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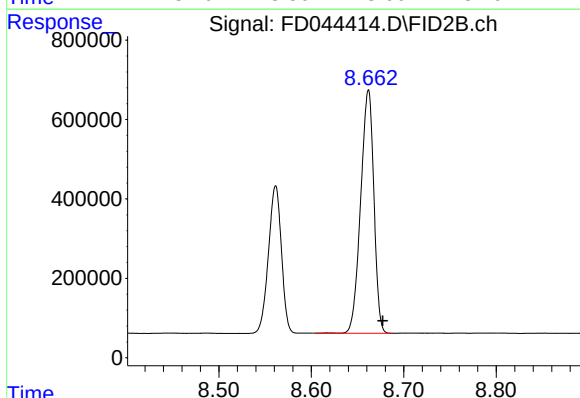
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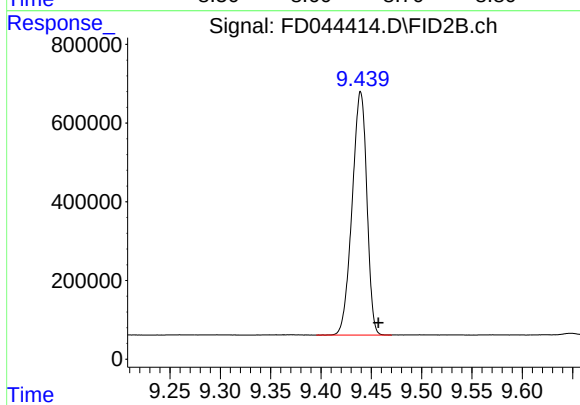
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.561 min
Delta R.T.: -0.015 min
Response: 3632054
Conc: 38.73 ug/ml



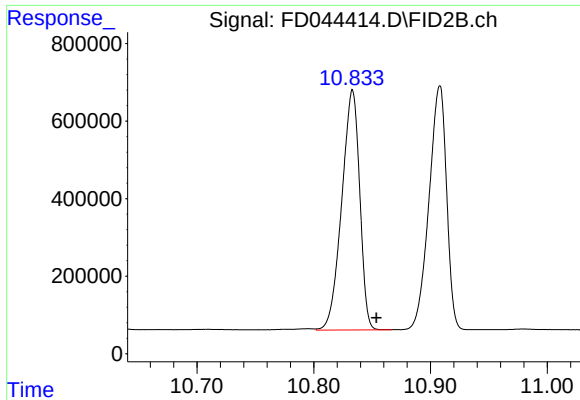
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: -0.016 min
Response: 6092945
Conc: 39.38 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.439 min
Delta R.T.: -0.018 min
Response: 6286941
Conc: 40.88 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.833 min
Delta R.T.: -0.021 min
Response: 6621209
Conc: 44.03 ug/ml

Instrument :

FID_D

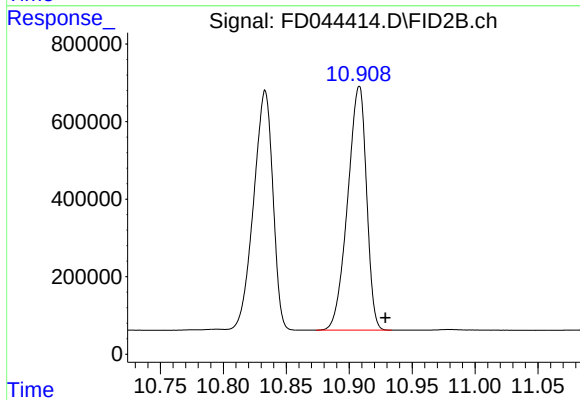
ClientSampleId :

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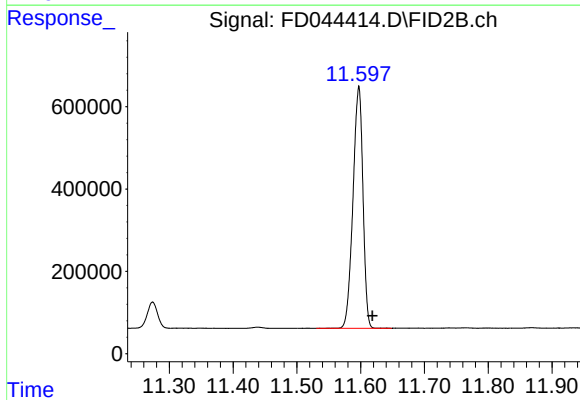
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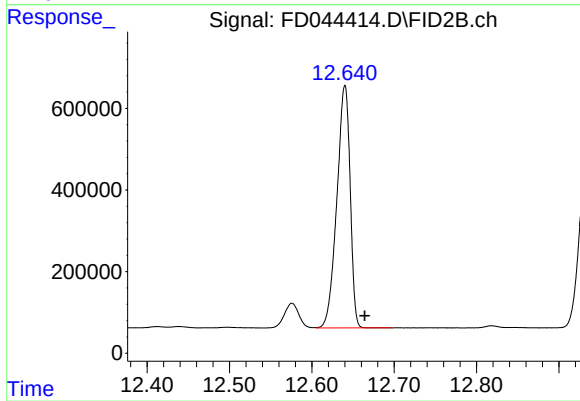
#10 Anthracene (C19.43)

R.T.: 10.908 min
Delta R.T.: -0.021 min
Response: 6569741
Conc: 44.84 ug/ml



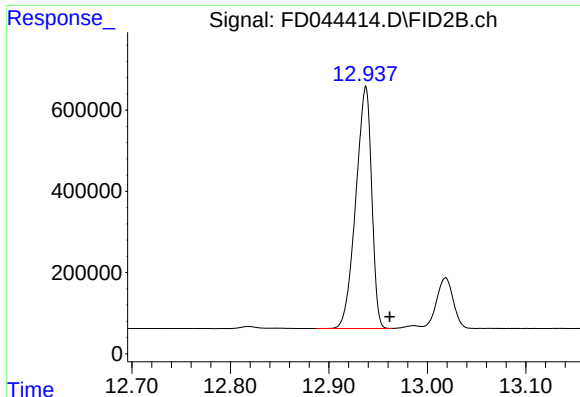
#11 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: -0.022 min
Response: 6376099
Conc: 37.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.640 min
Delta R.T.: -0.024 min
Response: 6666607
Conc: 43.87 ug/ml



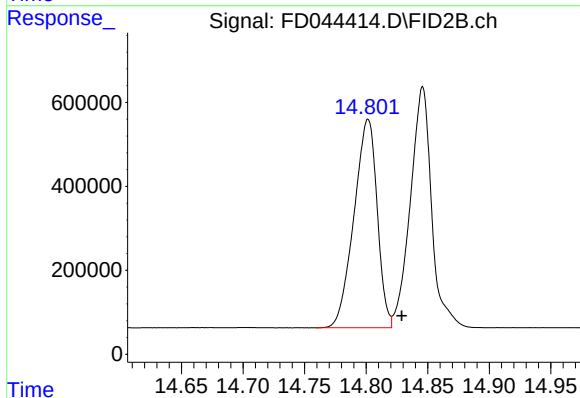
#13 Pyrene (C20.8)

R.T.: 12.937 min
Delta R.T.: -0.025 min
Response: 6675972
Conc: 44.91 ug/ml

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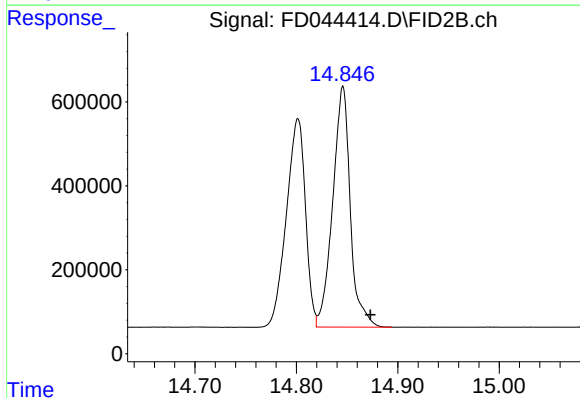
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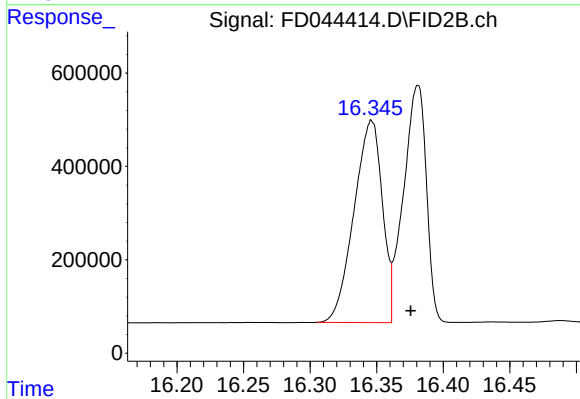
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.801 min
Delta R.T.: -0.028 min
Response: 6517167
Conc: 46.56 ug/ml m



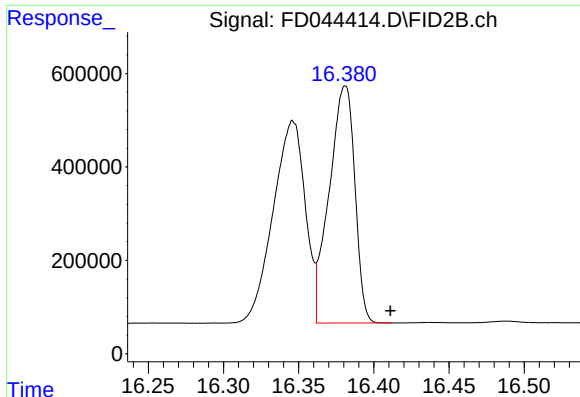
#15 Chrysene (C27.41)

R.T.: 14.846 min
Delta R.T.: -0.028 min
Response: 6915220
Conc: 47.22 ug/ml m



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

R.T.: 16.345 min
Delta R.T.: -0.030 min
Response: 6415265
Conc: 44.61 ug/ml m



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

R.T.: 16.381 min
Delta R.T.: -0.031 min
Response: 6031673
Conc: 42.42 ug/ml

Instrument :

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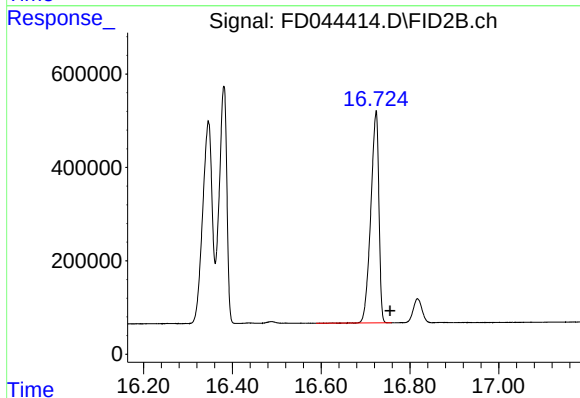
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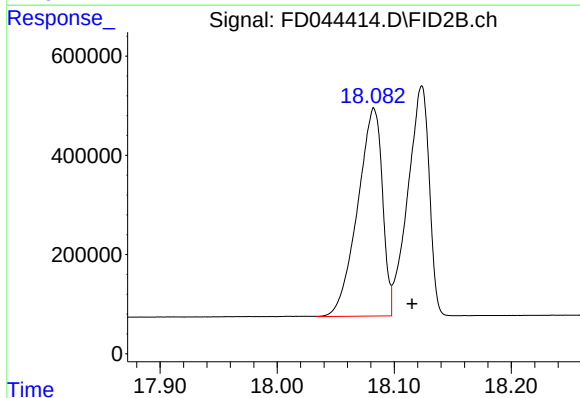
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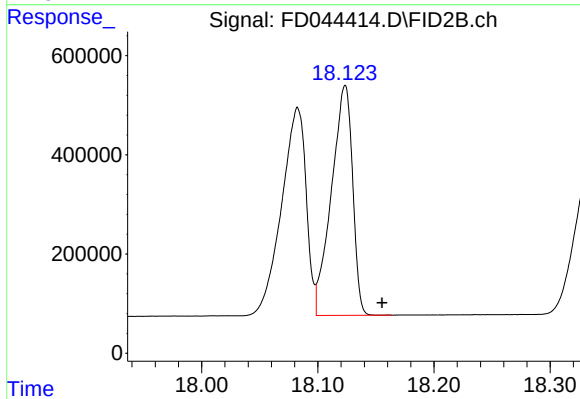
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.723 min
Delta R.T.: -0.033 min
Response: 5726523
Conc: 40.93 ug/ml



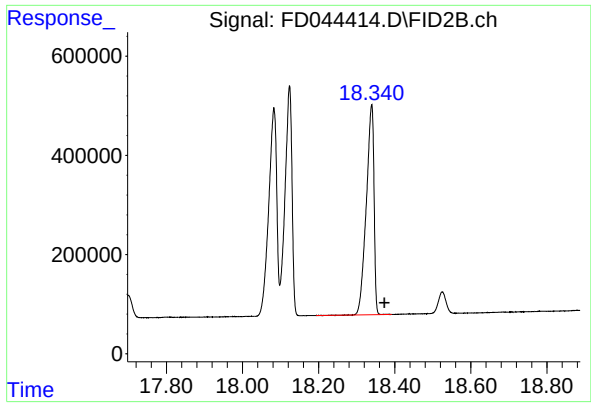
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.082 min
Delta R.T.: -0.033 min
Response: 6177156
Conc: 45.30 ug/ml m



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

R.T.: 18.123 min
Delta R.T.: -0.032 min
Response: 5872767
Conc: 43.60 ug/ml



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

R.T.: 18.339 min
Delta R.T.: -0.034 min
Response: 5957791
Conc: 43.64 ug/ml

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