

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081222AR\
 Data File : FD043579.D
 Signal(s) : FID2B.ch
 Acq On : 13 Aug 2022 01:57
 Operator : YP/AJ
 Sample : PB146964BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB146964BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: autoint1.e
 Quant Time: Aug 15 00:03:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.614	5626936	39.780 ug/ml
Spiked Amount 50.000		Recovery =	79.56%
6) S 2-Fluorobiphenyl (SURR)	8.479	3808325	40.060 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.12%
11) S ortho-Terphenyl (SURR)	11.525	5659539	33.391 ug/ml
Spiked Amount 50.000		Recovery =	66.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	4069690	25.948 ug/ml
2) T Naphthalene (C11.7)	5.948	4579880	28.325 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	4647772	31.742 ug/ml
5) T Acenaphthylene (C15.06)	8.280	4605207	28.368 ug/ml
7) T Acenaphthene (C15.5)	8.577	4983877	30.827 ug/ml
8) T Flouorene (C16.55)	9.359	5062980	32.311 ug/ml
9) T Phenanthrene (C19.36)	10.758	5135742	32.770 ug/ml
10) T Anthracene (C19.43)	10.834	5092262	33.063 ug/ml
12) T Fluoranthene (C21.85)	12.574	5215041	32.926 ug/ml
13) T Pyrene (C20.8)	12.871	5185020	32.993 ug/ml
14) T Benzo[a]anthracene (C...	14.747	4951442	33.562 ug/ml
15) T Chrysene (C27.41)	14.790	5441382	34.823 ug/ml
16) T benzo[b]fluoranthene ...	16.301	5098847	34.086 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.335	4929156	32.849 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.680	4514988	31.943 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.049	4983665	42.168 ug/ml
20) T Dibenz[a,h]anthracene...	18.087	4836416	34.098 ug/ml
21) T Benzo[g,h,i]perylene ...	18.305	4764928	36.641 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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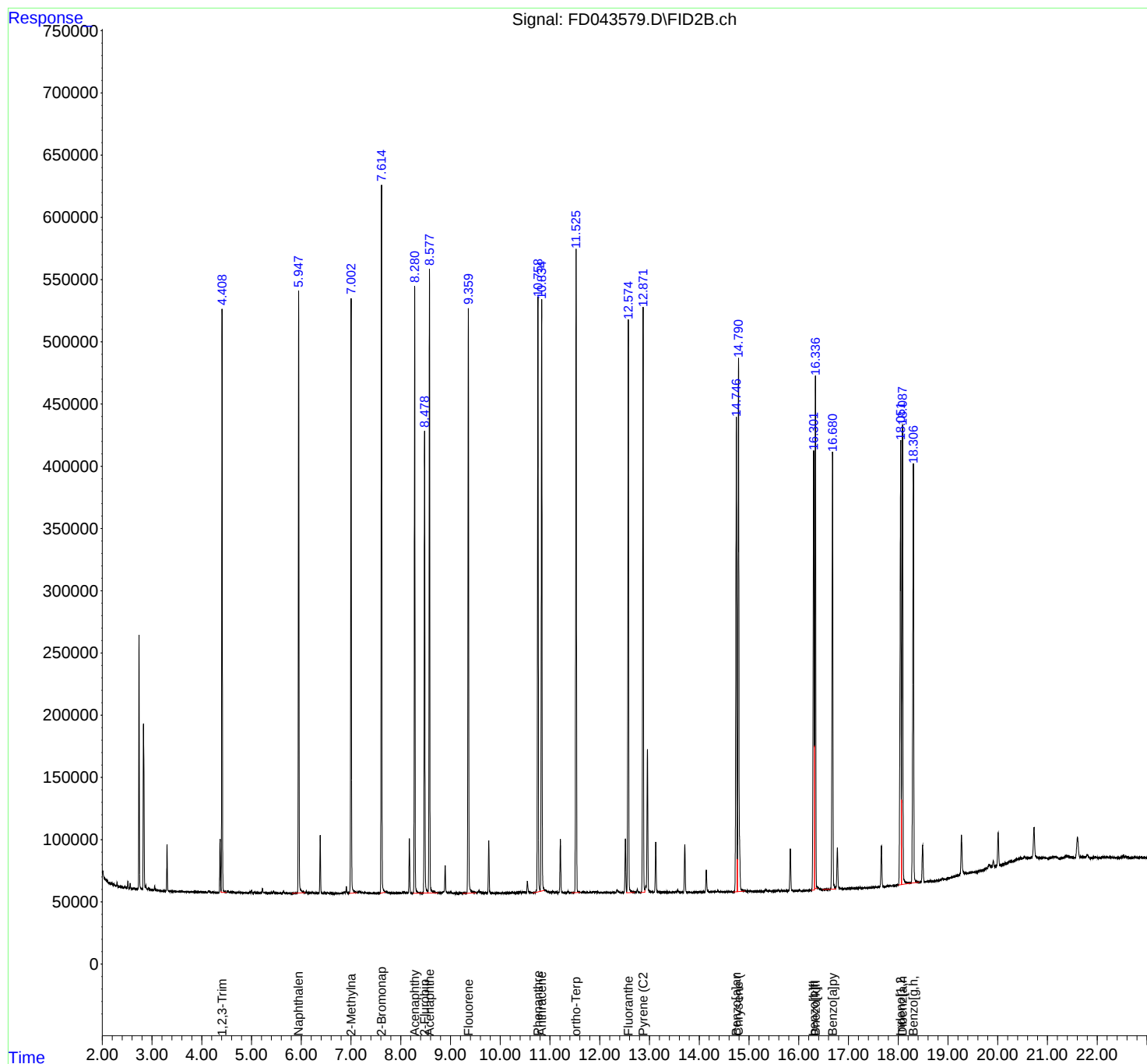
Instrument :
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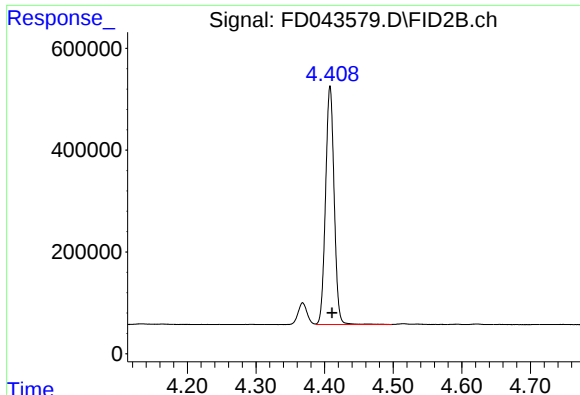
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.408 min
Delta R.T.: -0.003 min
Response: 4069690
Conc: 25.95 ug/ml

Instrument :

FID_D

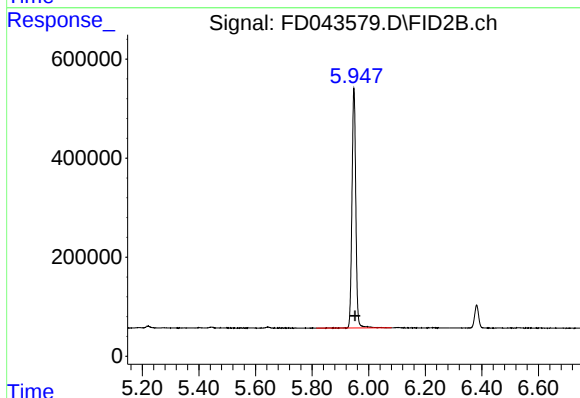
ClientSampleId :

PB146964BSD

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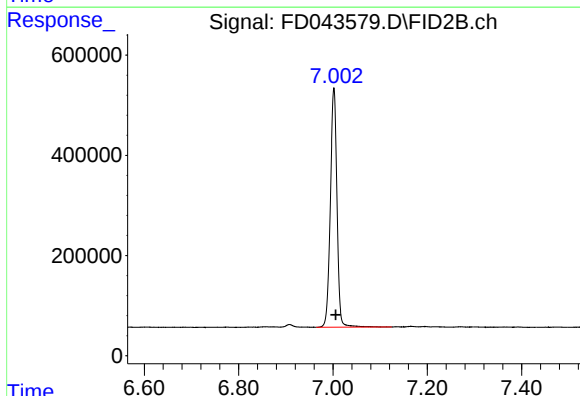
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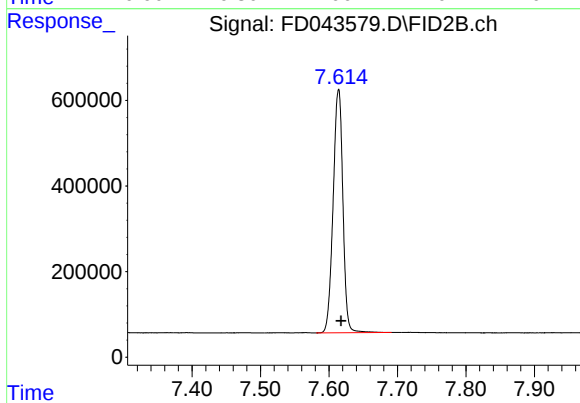
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 4579880
Conc: 28.33 ug/ml



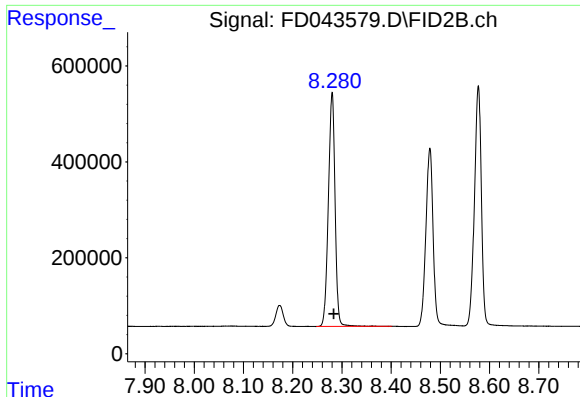
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 4647772
Conc: 31.74 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 5626936
Conc: 39.78 ug/ml



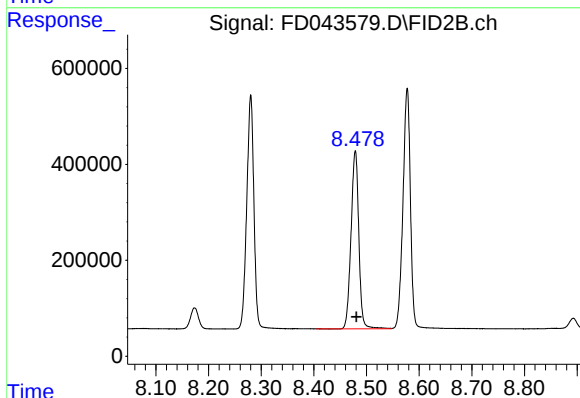
#5 Acenaphthylene (C15.06)

R.T.: 8.280 min
Delta R.T.: -0.003 min
Response: 4605207
Conc: 28.37 ug/ml

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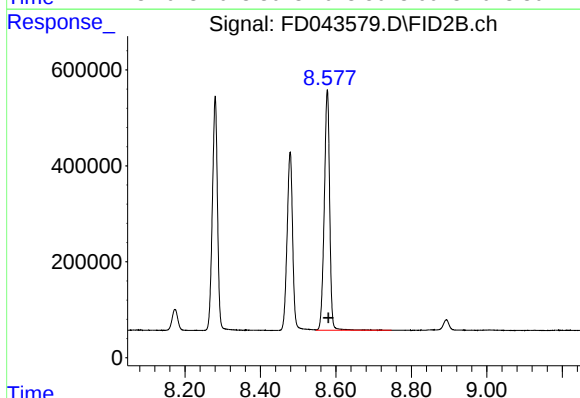
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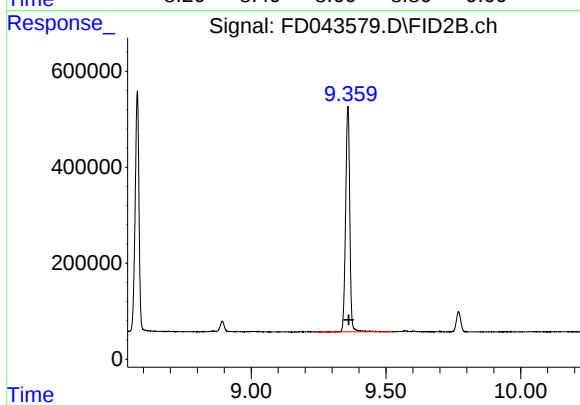
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.479 min
Delta R.T.: -0.002 min
Response: 3808325
Conc: 40.06 ug/ml



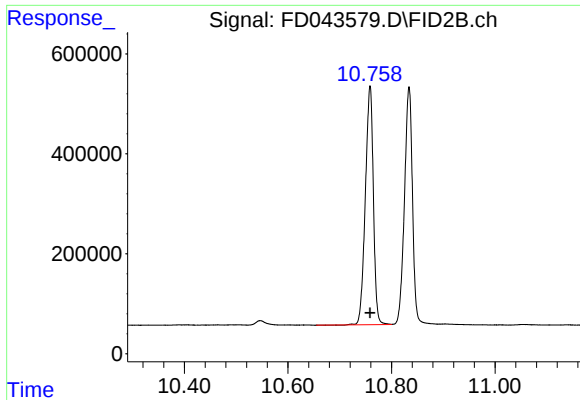
#7 Acenaphthene (C15.5)

R.T.: 8.577 min
Delta R.T.: -0.003 min
Response: 4983877
Conc: 30.83 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.359 min
Delta R.T.: -0.003 min
Response: 5062980
Conc: 32.31 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.758 min
Delta R.T.: 0.000 min
Response: 5135742
Conc: 32.77 ug/ml

Instrument :

FID_D

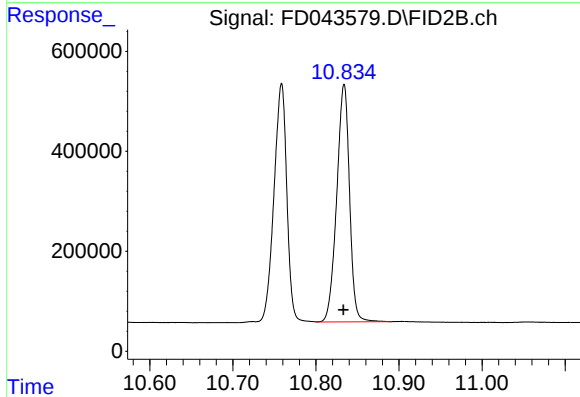
ClientSampleId :

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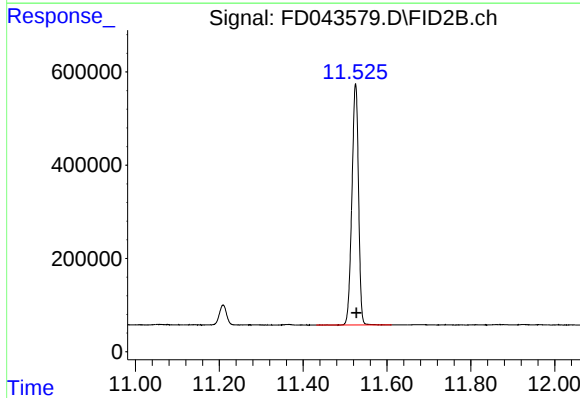
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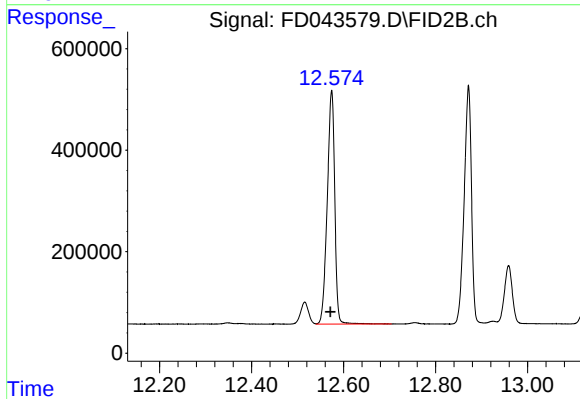
#10 Anthracene (C19.43)

R.T.: 10.834 min
Delta R.T.: 0.000 min
Response: 5092262
Conc: 33.06 ug/ml



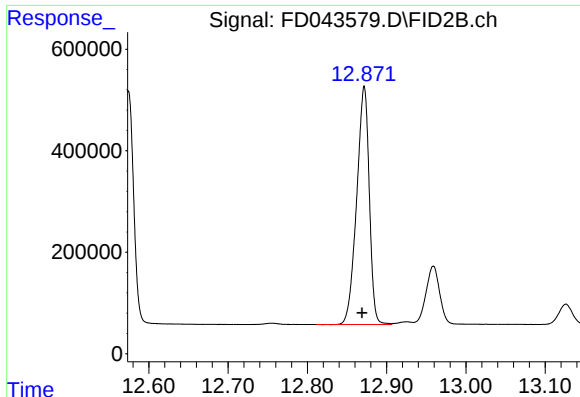
#11 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: -0.002 min
Response: 5659539
Conc: 33.39 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.574 min
Delta R.T.: 0.002 min
Response: 5215041
Conc: 32.93 ug/ml



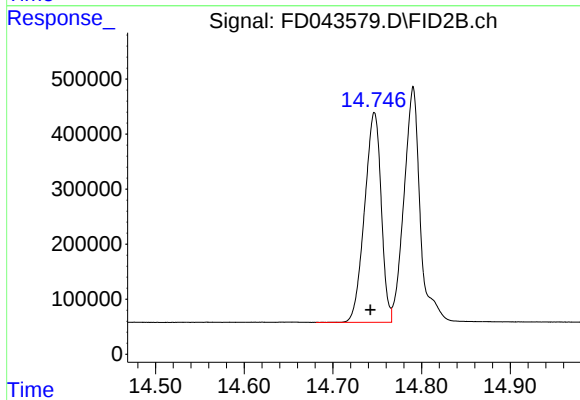
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: 0.002 min
Response: 5185020
Conc: 32.99 ug/ml

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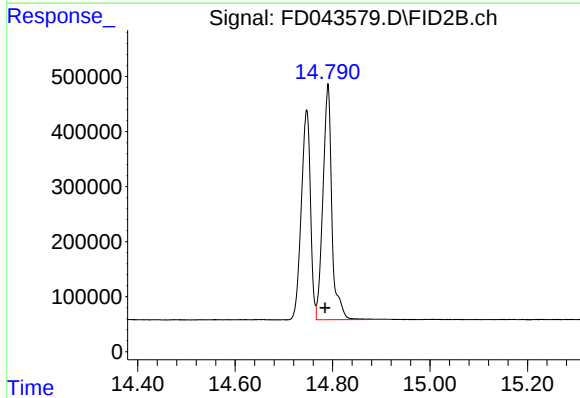
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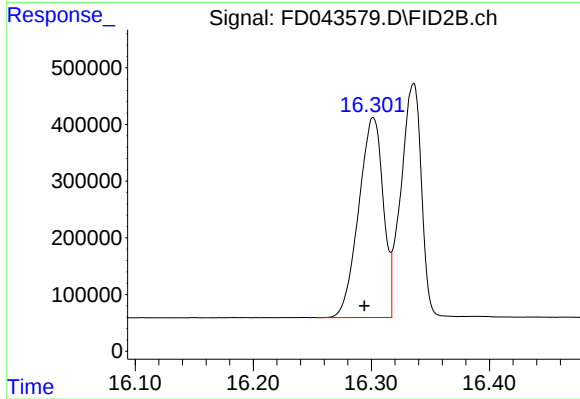
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.747 min
Delta R.T.: 0.004 min
Response: 4951442
Conc: 33.56 ug/ml



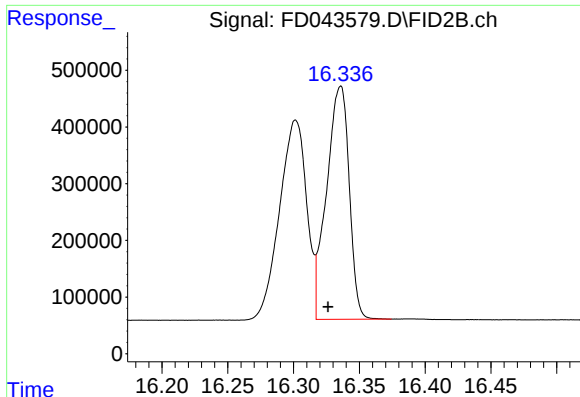
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: 0.006 min
Response: 5441382
Conc: 34.82 ug/ml



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

R.T.: 16.301 min
Delta R.T.: 0.007 min
Response: 5098847
Conc: 34.09 ug/ml m



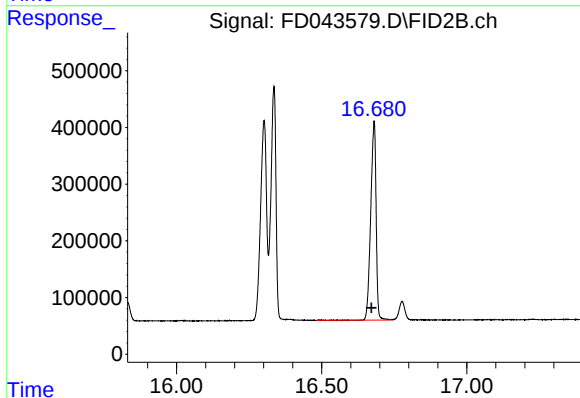
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: 0.009 min
Response: 4929156
Conc: 32.85 ug/ml

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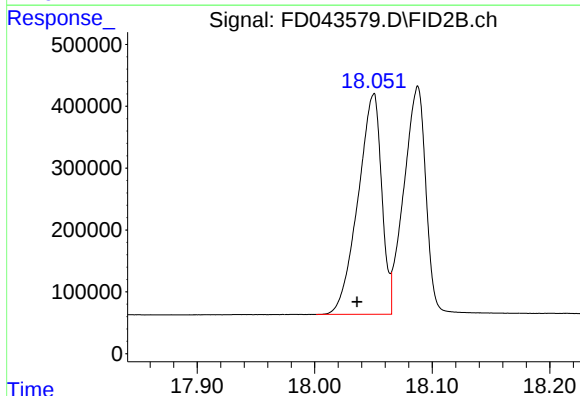
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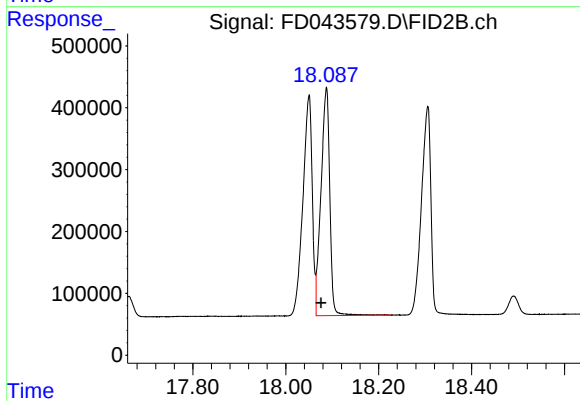
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.680 min
Delta R.T.: 0.009 min
Response: 4514988
Conc: 31.94 ug/ml



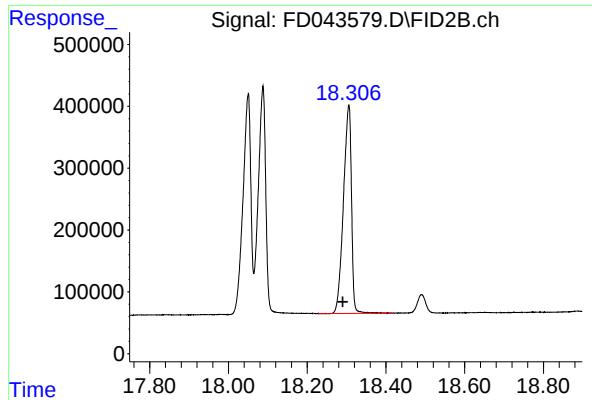
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.049 min
Delta R.T.: 0.014 min
Response: 4983665
Conc: 42.17 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.011 min
Response: 4836416
Conc: 34.10 ug/ml



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

R.T.: 18.305 min
Delta R.T.: 0.015 min
Response: 4764928
Conc: 36.64 ug/ml

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