

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060322AR\
 Data File : FD042767.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2022 17:24
 Operator : UA/NP
 Sample : PB145304BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145304BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Jun 03 23:50:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.666	5649514	36.971 ug/ml
Spiked Amount 50.000		Recovery =	73.94%
6) S 2-Fluorobiphenyl (SURR)	8.531	3775612	36.711 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.42%
11) S ortho-Terphenyl (SURR)	11.579	5314447	29.937 ug/ml
Spiked Amount 50.000		Recovery =	59.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.458	4511432	26.946 ug/ml
2) T Naphthalene (C11.7)	6.001	5170231	29.904 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	5297664	33.221 ug/ml
5) T Acenaphthylene (C15.06)	8.333	5113423	29.596 ug/ml
7) T Acenaphthene (C15.5)	8.630	5421788	31.510 ug/ml
8) T Flouorene (C16.55)	9.412	5429468	32.341 ug/ml
9) T Phenanthrene (C19.36)	10.811	5370230	32.657 ug/ml
10) T Anthracene (C19.43)	10.886	5307082	34.723 ug/ml
12) T Fluoranthene (C21.85)	12.627	5193081	32.962 ug/ml
13) T Pyrene (C20.8)	12.925	5143848	33.040 ug/ml
14) T Benzo[a]anthracene (C...	14.800	4826053	36.195 ug/ml
15) T Chrysene (C27.41)	14.844	5386052	40.767 ug/ml
16) T benzo[b]fluoranthene ...	16.353	4792484	35.975 ug/ml
17) T Bnezo[k]fluoranthene ...	16.387	4706781	38.002 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.732	4313678	34.852 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.101	4764785	42.748 ug/ml
20) T Dibenz[a,h]anthracene...	18.142	4596382	41.321 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.358	4596416	38.672 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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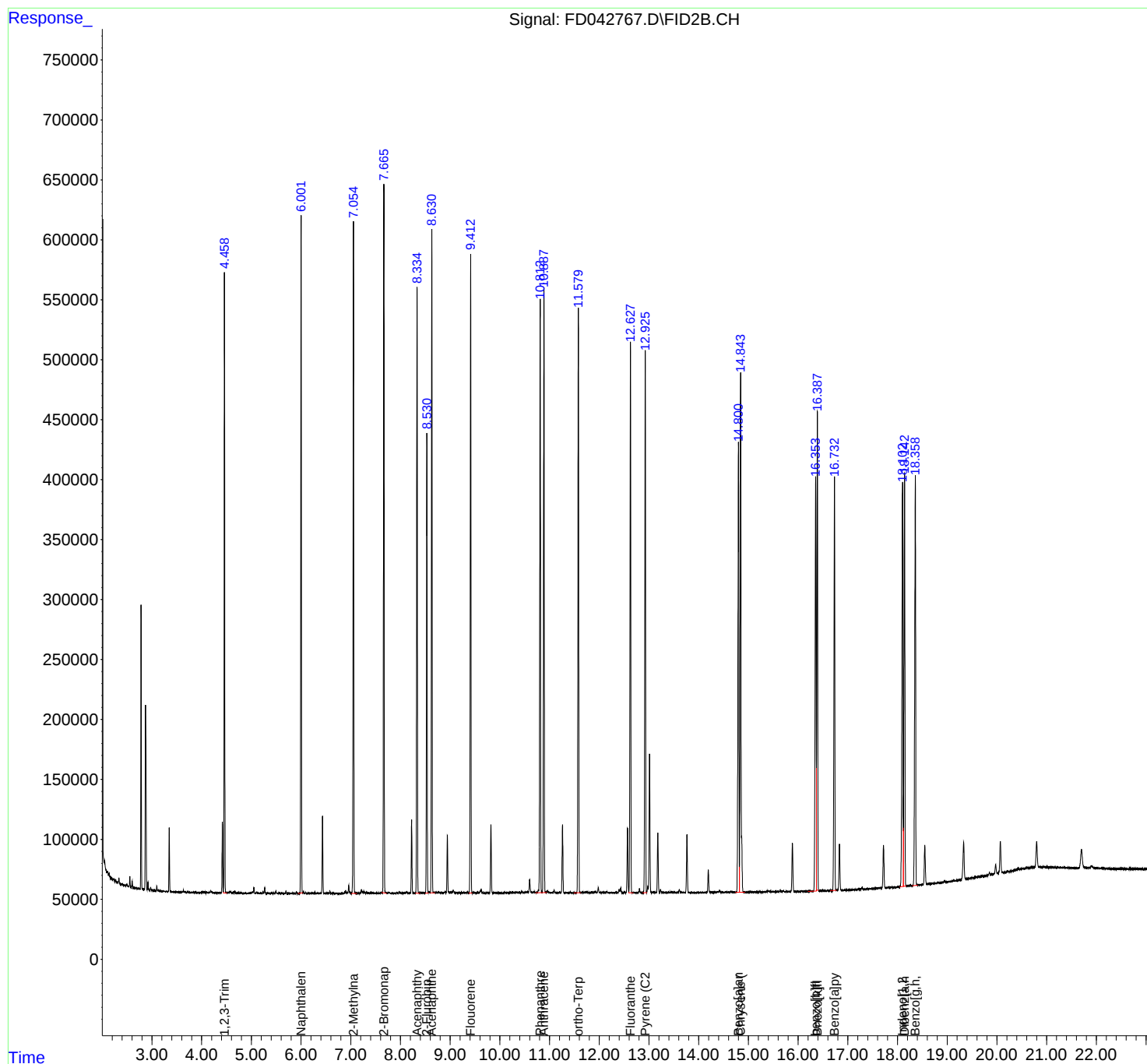
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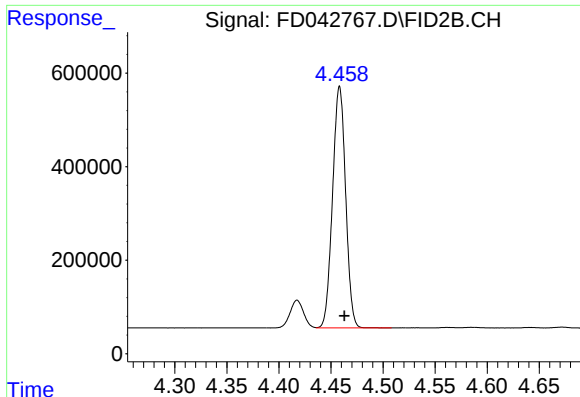
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.458 min
Delta R.T.: -0.005 min
Response: 4511432
Conc: 26.95 ug/ml

Instrument :

FID_D

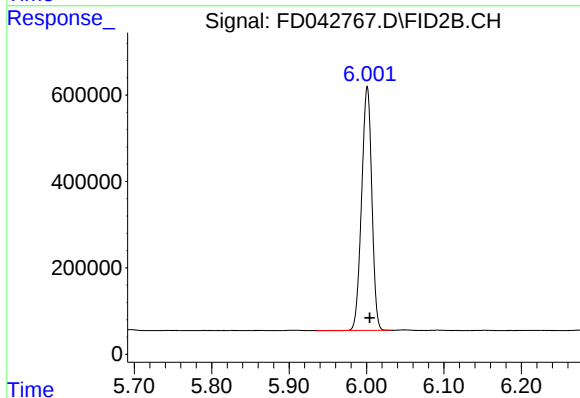
ClientSampleId :

PB145304BSD

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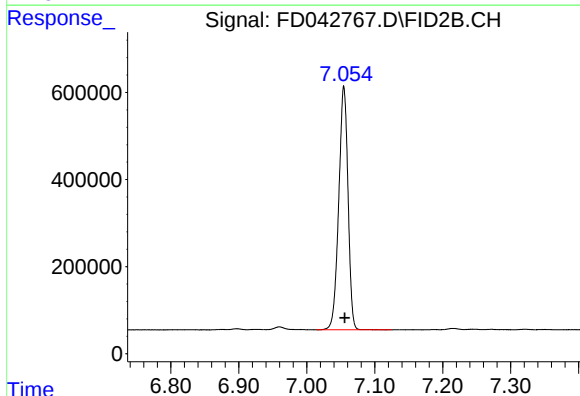
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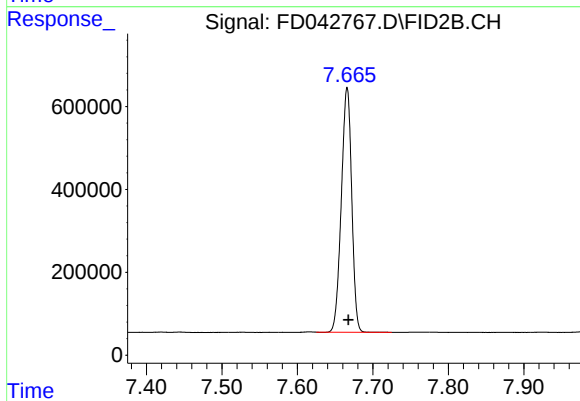
#2 Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 5170231
Conc: 29.90 ug/ml



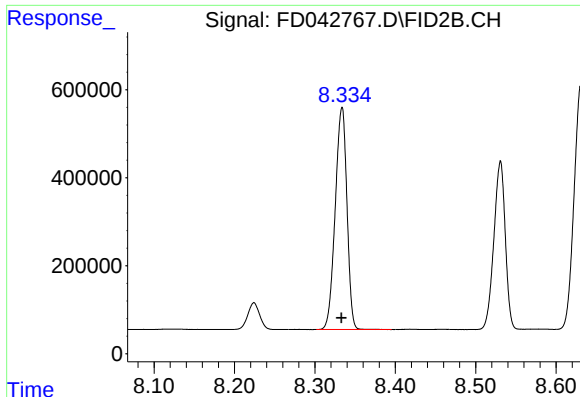
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: -0.001 min
Response: 5297664
Conc: 33.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: -0.002 min
Response: 5649514
Conc: 36.97 ug/ml



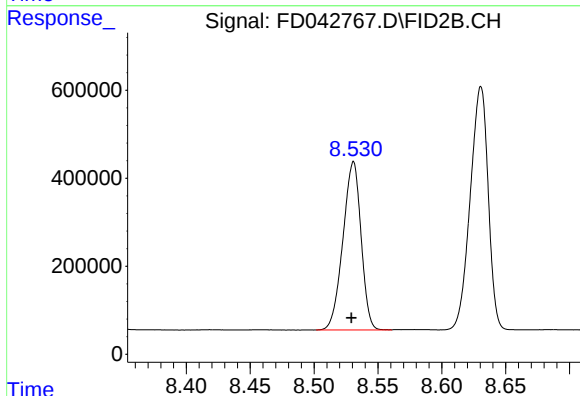
#5 Acenaphthylene (C15.06)

R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 5113423
Conc: 29.60 ug/ml

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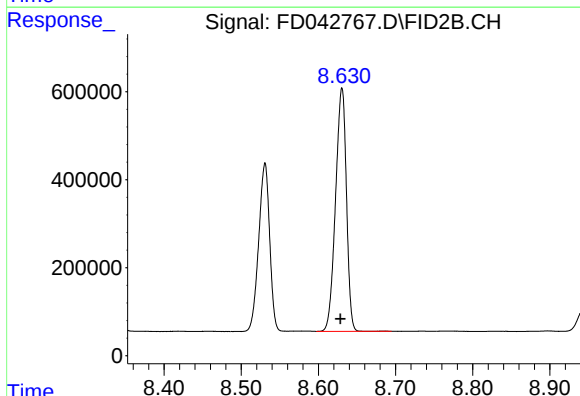
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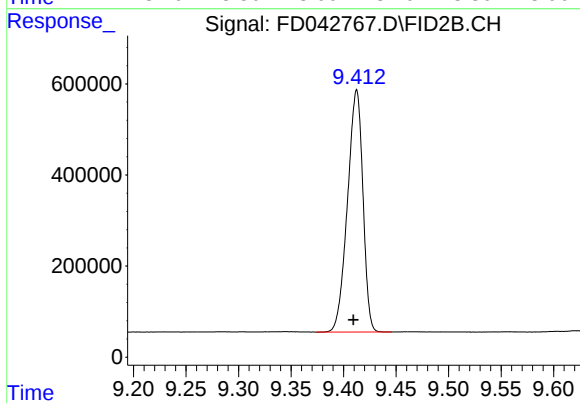
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.531 min
Delta R.T.: 0.001 min
Response: 3775612
Conc: 36.71 ug/ml



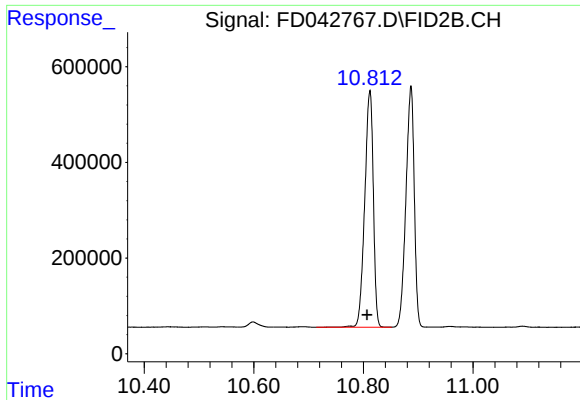
#7 Acenaphthene (C15.5)

R.T.: 8.630 min
Delta R.T.: 0.002 min
Response: 5421788
Conc: 31.51 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.412 min
Delta R.T.: 0.003 min
Response: 5429468
Conc: 32.34 ug/ml



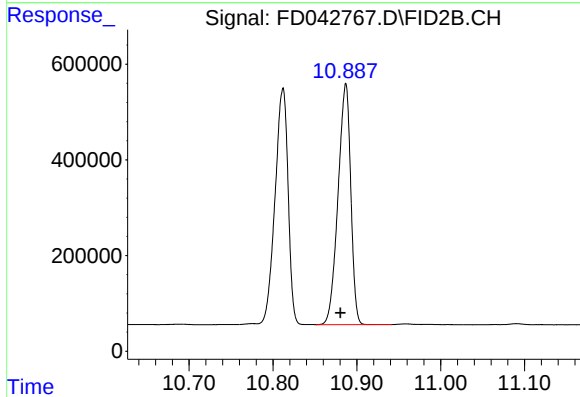
#9 Phenanthrene (C19.36)

R.T.: 10.811 min
Delta R.T.: 0.005 min
Response: 5370230
Conc: 32.66 ug/ml

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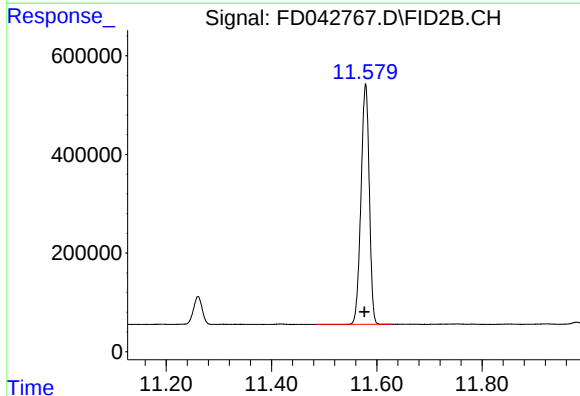
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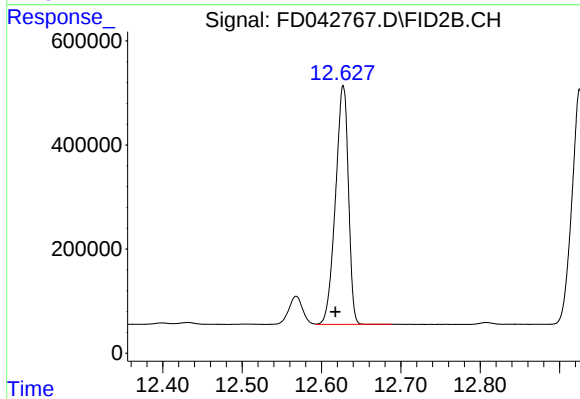
#10 Anthracene (C19.43)

R.T.: 10.886 min
Delta R.T.: 0.006 min
Response: 5307082
Conc: 34.72 ug/ml



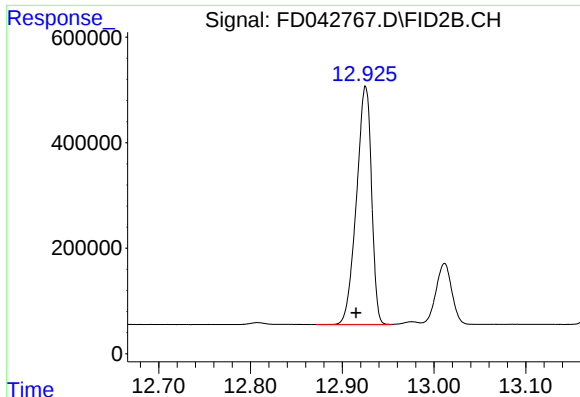
#11 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: 0.002 min
Response: 5314447
Conc: 29.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.627 min
Delta R.T.: 0.010 min
Response: 5193081
Conc: 32.96 ug/ml



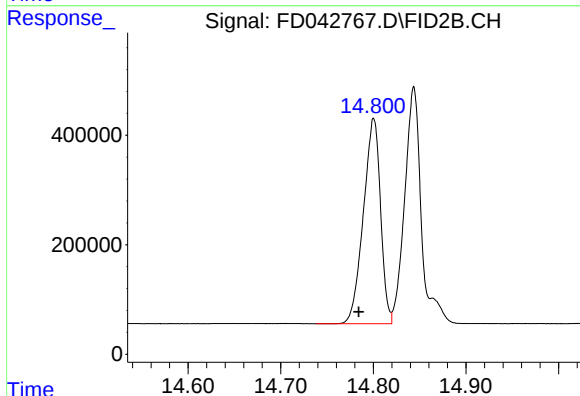
#13 Pyrene (C20.8)

R.T.: 12.925 min
Delta R.T.: 0.010 min
Response: 5143848
Conc: 33.04 ug/ml

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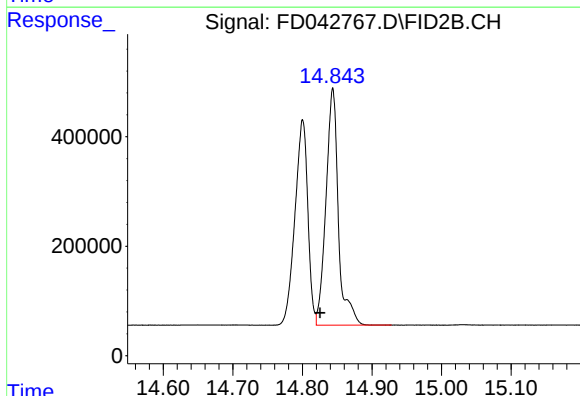
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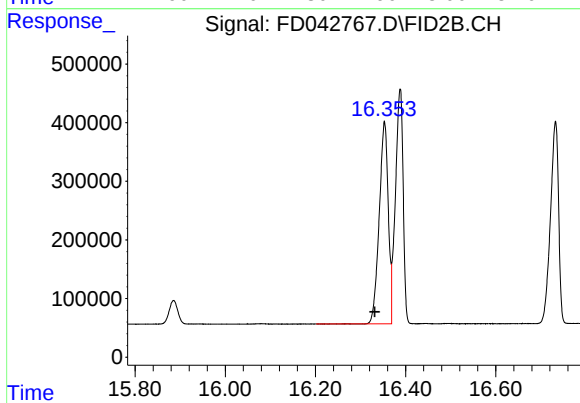
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.800 min
Delta R.T.: 0.016 min
Response: 4826053
Conc: 36.20 ug/ml



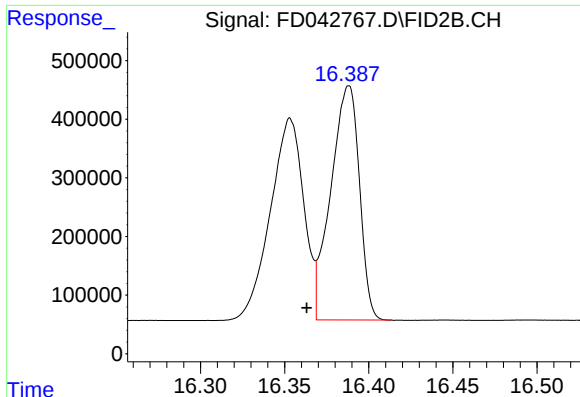
#15 Chrysene (C27.41)

R.T.: 14.844 min
Delta R.T.: 0.018 min
Response: 5386052
Conc: 40.77 ug/ml



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

R.T.: 16.353 min
Delta R.T.: 0.021 min
Response: 4792484
Conc: 35.98 ug/ml



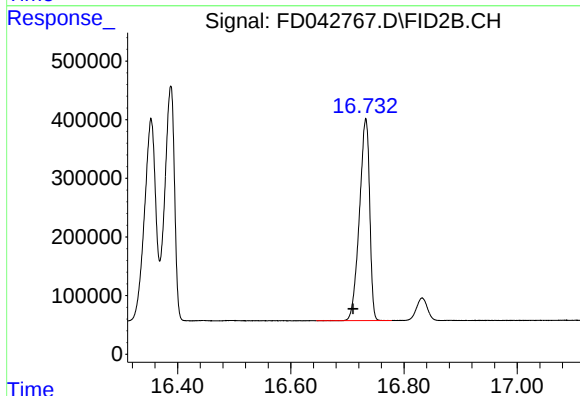
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.387 min
Delta R.T.: 0.024 min
Response: 4706781
Conc: 38.00 ug/ml

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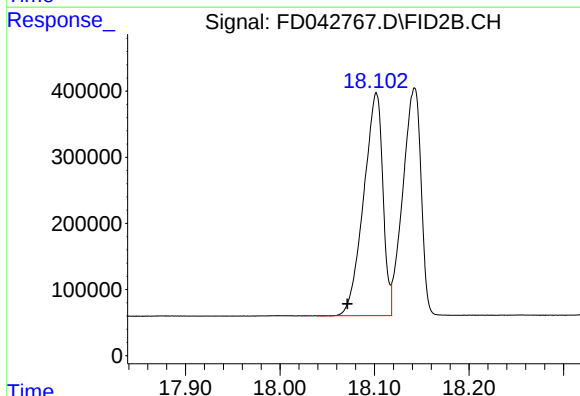
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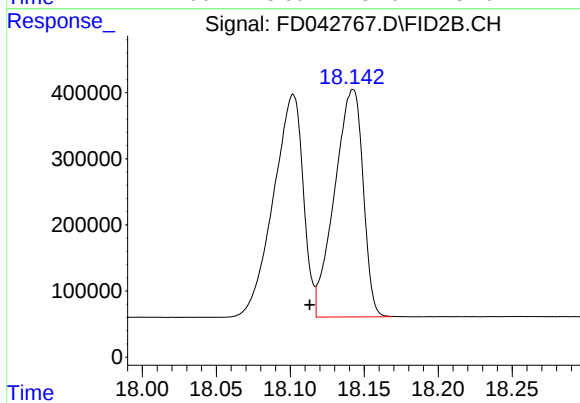
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.732 min
Delta R.T.: 0.022 min
Response: 4313678
Conc: 34.85 ug/ml



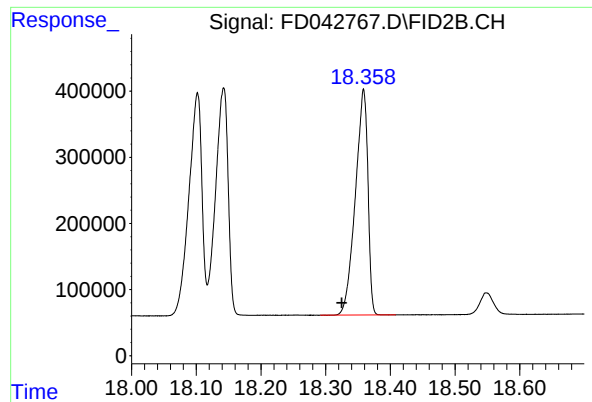
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.101 min
Delta R.T.: 0.030 min
Response: 4764785
Conc: 42.75 ug/ml



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

R.T.: 18.142 min
Delta R.T.: 0.028 min
Response: 4596382
Conc: 41.32 ug/ml m



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

R.T.: 18.358 min
Delta R.T.: 0.033 min
Response: 4596416
Conc: 38.67 ug/ml

Instrument :

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