

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AR\
 Data File : FD042657.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2022 20:28
 Operator : UA/NP
 Sample : PB145119BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145119BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2022
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: sample.E
 Quant Time: May 28 06:37:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 19:32:22 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...	7.671	6828765	44.688 ug/ml
Spiked Amount 50.000		Recovery =	89.38%
6) S 2-Fluorobiphenyl (SURR)	8.534	4425924	43.035 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.07%
11) S ortho-Terphenyl (SURR)	11.582	7613703	42.889 ug/ml
Spiked Amount 50.000		Recovery =	85.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.462	5509967	32.910 ug/ml
2) T Naphthalene (C11.7)	6.006	6610211	38.233 ug/ml
3) T 2-Methylnaphthalene (...)	7.060	7044480	44.175 ug/ml
5) T Acenaphthylene (C15.06)	8.338	7326288	42.404 ug/ml
7) T Acenaphthene (C15.5)	8.636	7893496	45.874 ug/ml
8) T Flouorene (C16.55)	9.417	8178186	48.714 ug/ml
9) T Phenanthrene (C19.36)	10.815	8475443	51.541 ug/ml
10) T Anthracene (C19.43)	10.890	8259565	54.040 ug/ml
12) T Fluoranthene (C21.85)	12.629	8482038	53.838 ug/ml
13) T Pyrene (C20.8)	12.927	8444869	54.242 ug/ml
14) T Benzo[a]anthracene (C...	14.799	7846115	58.846 ug/ml
15) T Chrysene (C27.41)	14.845	8579133	64.935 ug/ml
16) T benzo[b]fluoranthene ...	16.350	7545994	56.645 ug/ml
17) T Bnezo[k]fluoranthene ...	16.388	7419335	59.902 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.730	6643858	53.679 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.095	6848481	61.442 ug/ml
20) T Dibenz[a,h]anthracene...	18.136	6522374	58.636 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.354	6822093	57.398 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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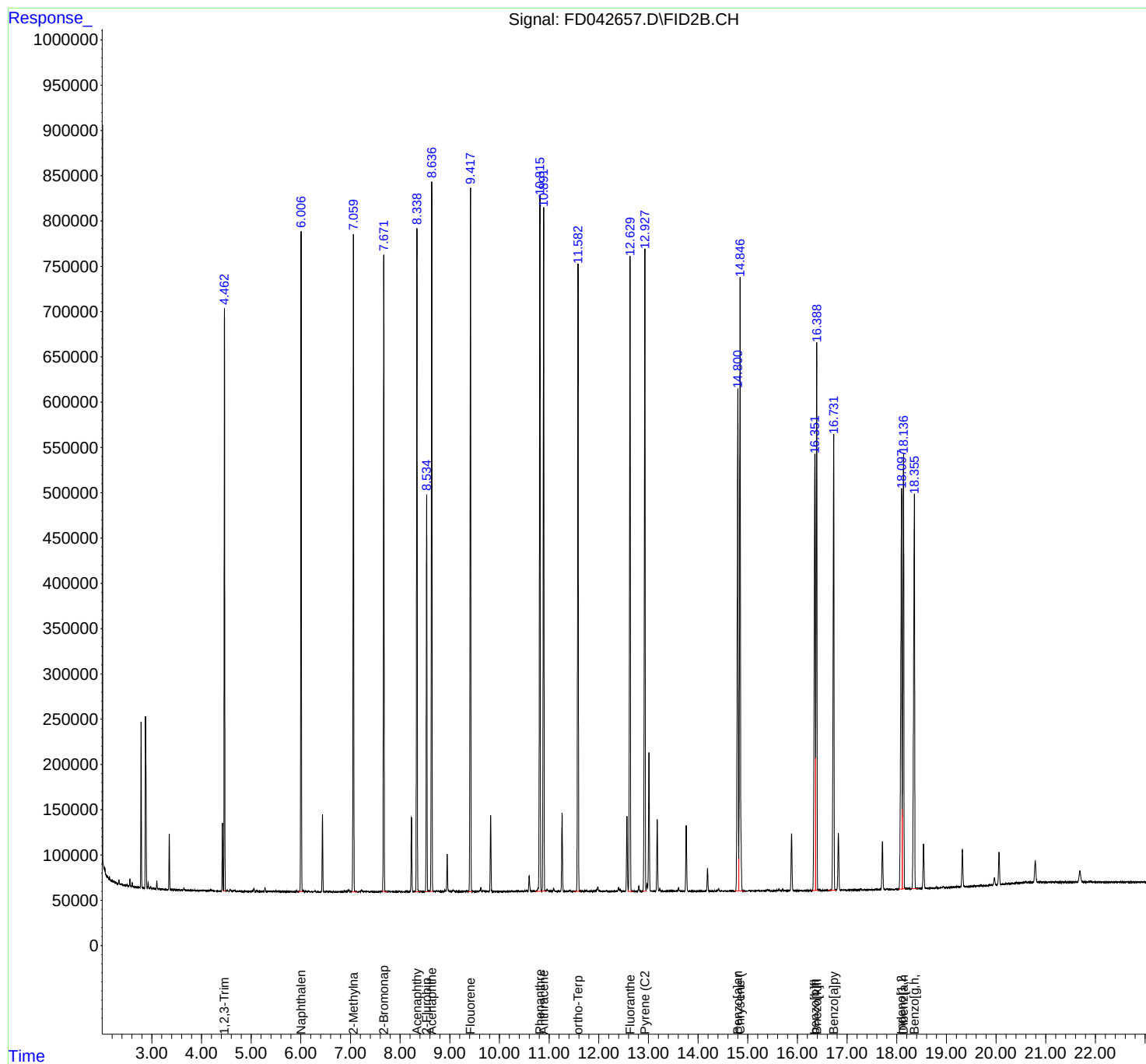
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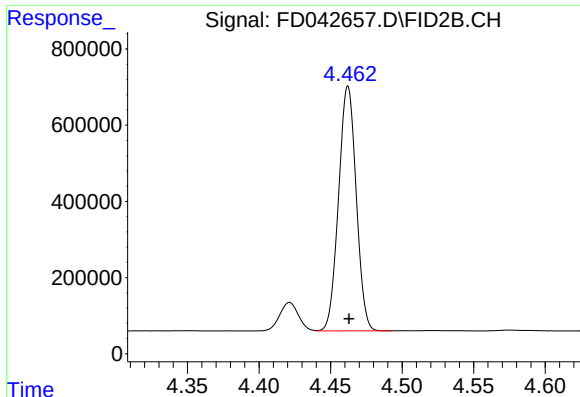
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 5509967
Conc: 32.91 ug/ml

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FID_D

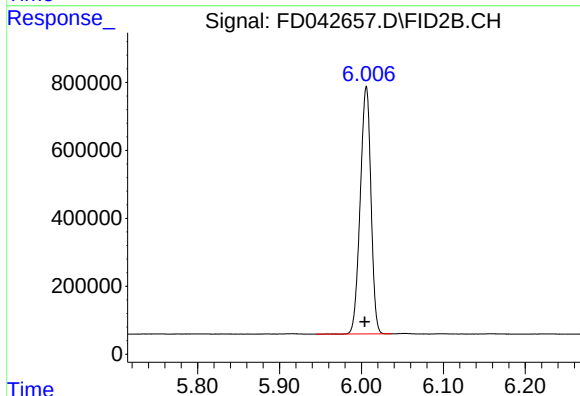
ClientSampleId :

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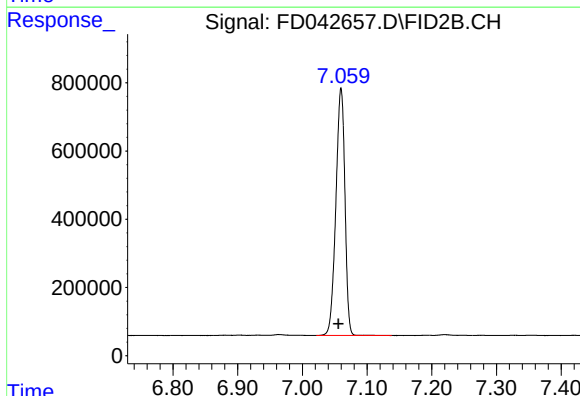
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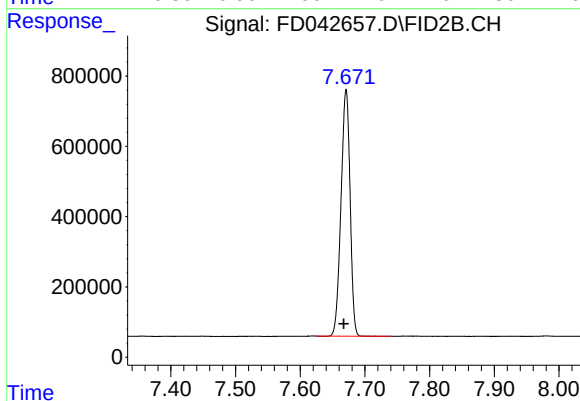
#2 Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: 0.002 min
Response: 6610211
Conc: 38.23 ug/ml



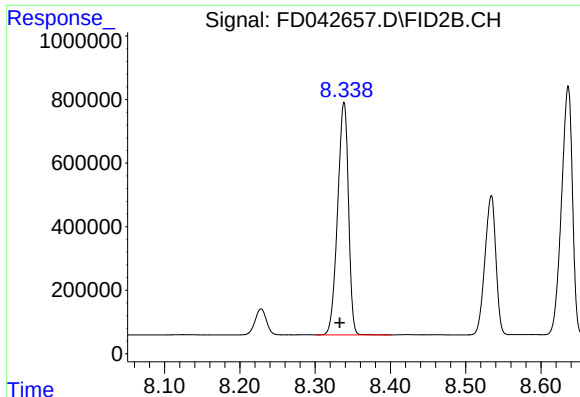
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.060 min
Delta R.T.: 0.004 min
Response: 7044480
Conc: 44.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.671 min
Delta R.T.: 0.003 min
Response: 6828765
Conc: 44.69 ug/ml



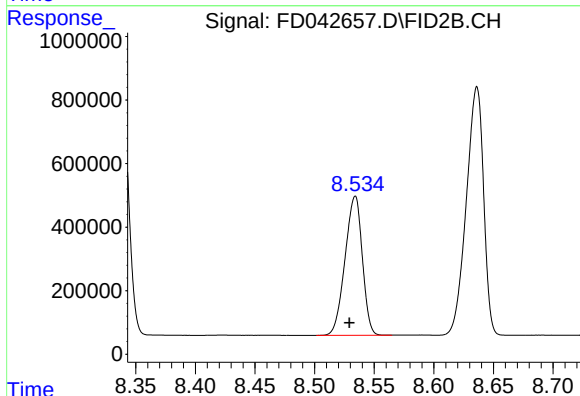
#5 Acenaphthylene (C15.06)

R.T.: 8.338 min
Delta R.T.: 0.005 min
Response: 7326288
Conc: 42.40 ug/ml

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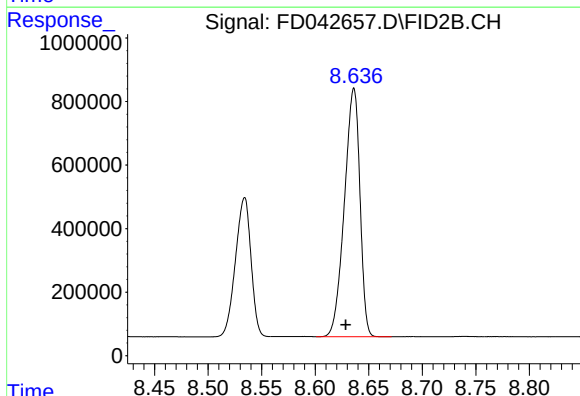
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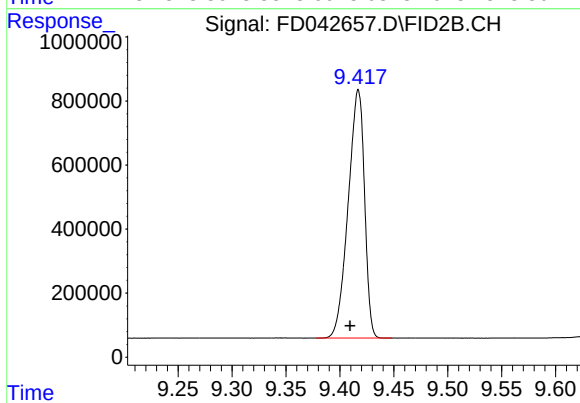
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.534 min
Delta R.T.: 0.005 min
Response: 4425924
Conc: 43.03 ug/ml



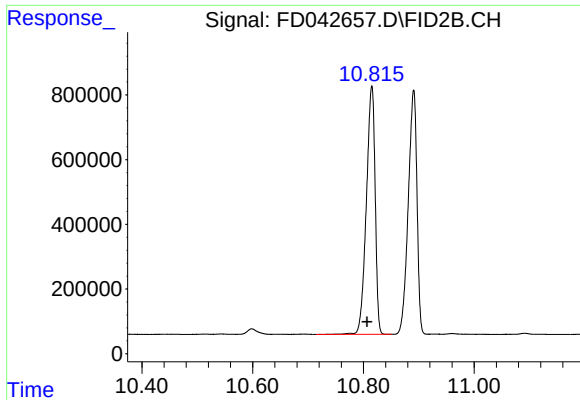
#7 Acenaphthene (C15.5)

R.T.: 8.636 min
Delta R.T.: 0.007 min
Response: 7893496
Conc: 45.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.417 min
Delta R.T.: 0.007 min
Response: 8178186
Conc: 48.71 ug/ml



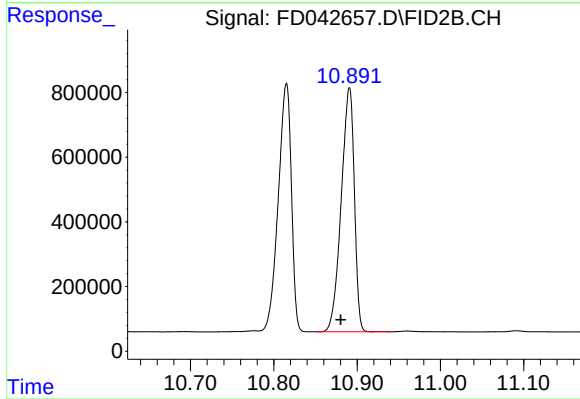
#9 Phenanthrene (C19.36)

R.T.: 10.815 min
Delta R.T.: 0.008 min
Response: 8475443
Conc: 51.54 ug/ml

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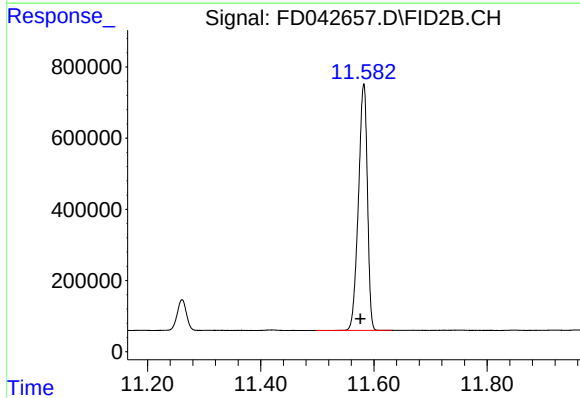
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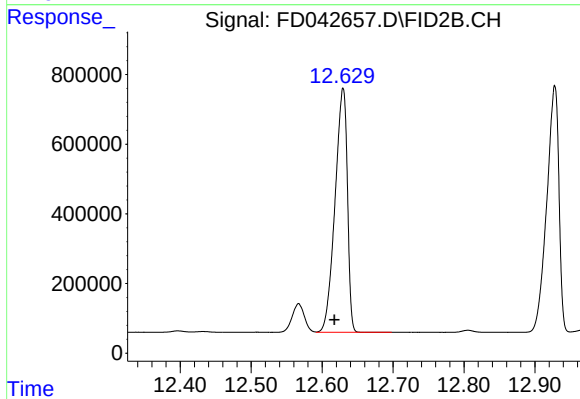
#10 Anthracene (C19.43)

R.T.: 10.890 min
Delta R.T.: 0.010 min
Response: 8259565
Conc: 54.04 ug/ml



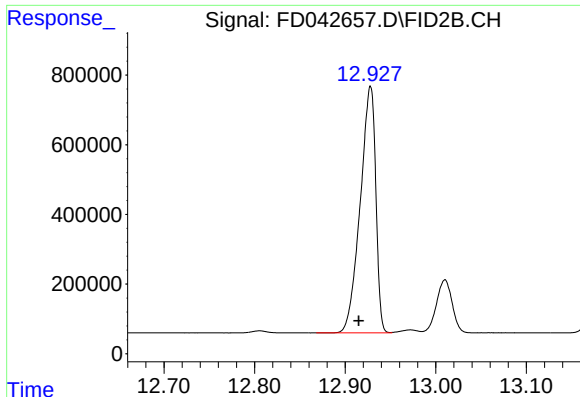
#11 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: 0.006 min
Response: 7613703
Conc: 42.89 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.629 min
Delta R.T.: 0.011 min
Response: 8482038
Conc: 53.84 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.927 min
Delta R.T.: 0.012 min
Response: 8444869
Conc: 54.24 ug/ml

Instrument :

FID_D

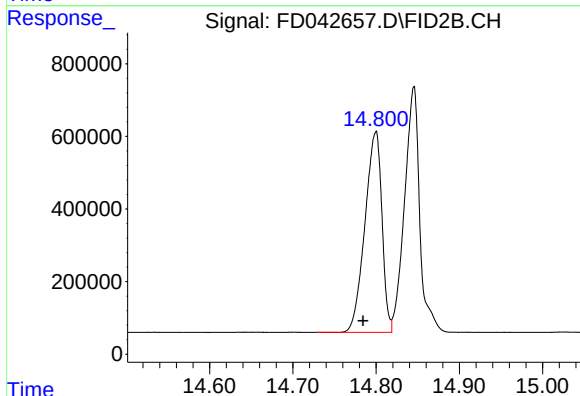
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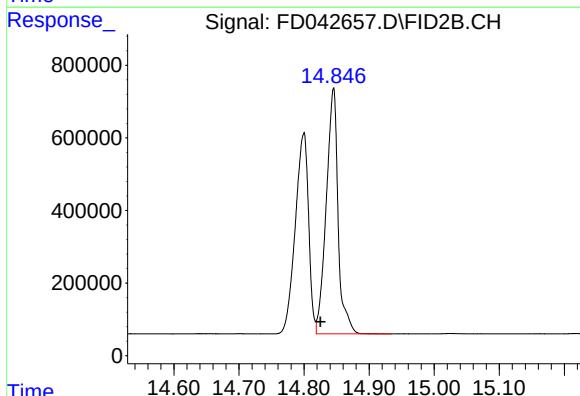
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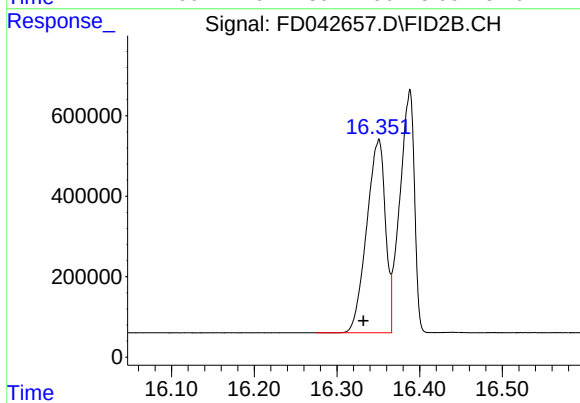
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.799 min
Delta R.T.: 0.015 min
Response: 7846115
Conc: 58.85 ug/ml



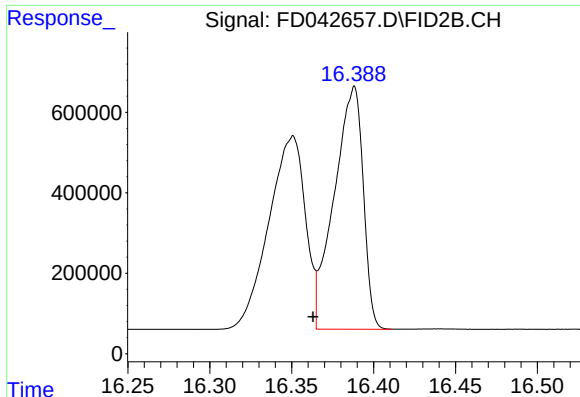
#15 Chrysene (C27.41)

R.T.: 14.845 min
Delta R.T.: 0.019 min
Response: 8579133
Conc: 64.94 ug/ml



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

R.T.: 16.350 min
Delta R.T.: 0.018 min
Response: 7545994
Conc: 56.64 ug/ml



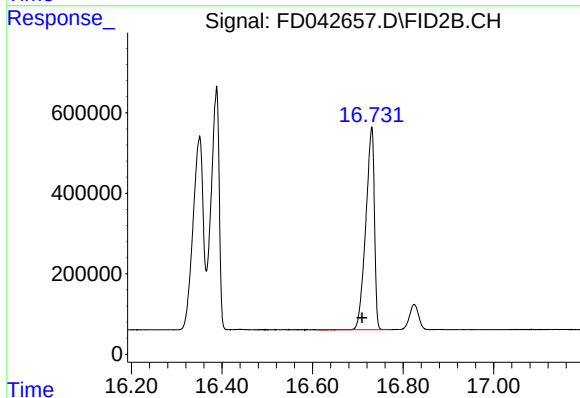
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.388 min
Delta R.T.: 0.025 min
Response: 7419335
Conc: 59.90 ug/ml

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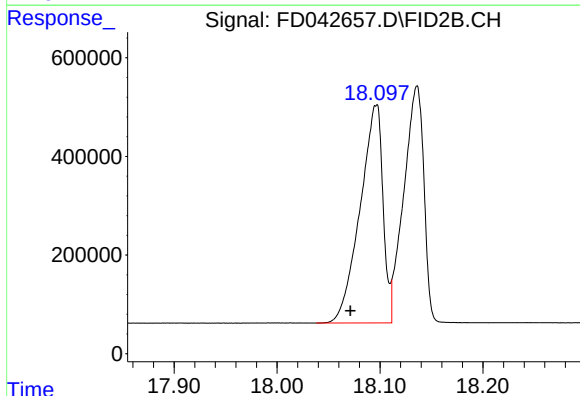
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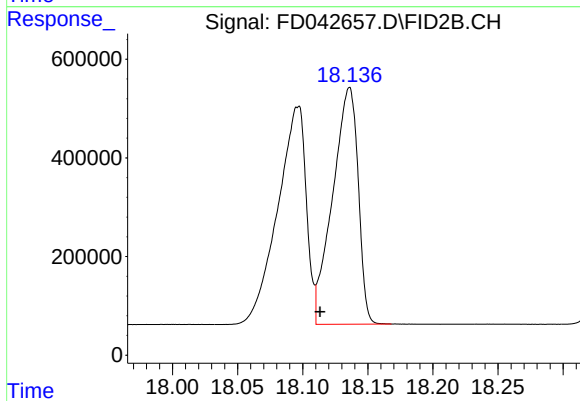
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.730 min
Delta R.T.: 0.020 min
Response: 6643858
Conc: 53.68 ug/ml



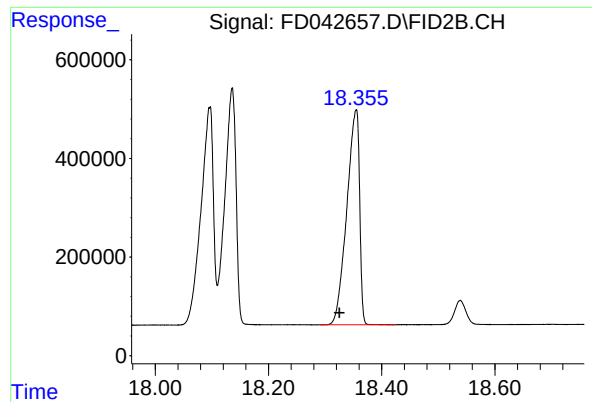
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.095 min
Delta R.T.: 0.024 min
Response: 6848481
Conc: 61.44 ug/ml



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

R.T.: 18.136 min
Delta R.T.: 0.023 min
Response: 6522374
Conc: 58.64 ug/ml m



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

R.T.: 18.354 min
Delta R.T.: 0.029 min
Response: 6822093
Conc: 57.40 ug/ml

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