Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022724AR\
Data File : FD047360.D
Signal(s) : FID2B.ch
Acq On : 28 Feb 2024 03:10
Operator : YP/AJ
Sample : PB159311BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
PB159311BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2024
Supervised By :Ankita Jodhani 02/28/2024

Integration File: autoint1.e
Quant Time: Feb 28 03:55:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
Quant Title : GC Extractables
QLast Update : Thu Feb 08 13:43:49 2024
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...	7.464	5506420	36.169 ug/ml
Spiked Amount	50.000		Recovery =	72.34%
6) S	2-Flurobiphenyl (SURR)	8.316	3268192	32.333 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	64.67%
11) S	ortho-Terphenyl (SURR)	11.353	4938672	28.002 ug/ml
Spiked Amount	50.000		Recovery =	56.00%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.278	3608839	22.892 ug/ml
2) T	Naphthalene (C11.7)	5.803	4239860	25.511 ug/ml
3) T	2-Methylnaphthalene (...	6.851	4378807	25.965 ug/mlm
5) T	Acenaphthylene (C15.06)	8.120	4619806	30.015 ug/ml
7) T	Acenaphthene (C15.5)	8.415	4539641	27.541 ug/ml
8) T	Flouorene (C16.55)	9.193	4753045	29.979 ug/ml
9) T	Phenanthrene (C19.36)	10.582	4851042	31.225 ug/ml
10) T	Anthracene (C19.43)	10.656	4630058	31.397 ug/ml
12) T	Fluoranthene (C21.85)	12.386	5228058	33.766 ug/ml
13) T	Pyrene (C20.8)	12.680	5253963	34.927 ug/mlm
14) T	Benzo[a]anthracene (C...	14.545	4865250	36.193 ug/ml
15) T	Chrysene (C27.41)	14.588	4907196	33.512 ug/ml
16) T	benzo[b]fluoranthene ...	16.089	4790640	34.794 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.122	4808697	34.655 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.464	4538555	33.525 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.824	4685178	37.111 ug/ml
20) T	Dibenz[a,h]anthracene...	17.864	4506995	33.826 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.075	4341121	32.740 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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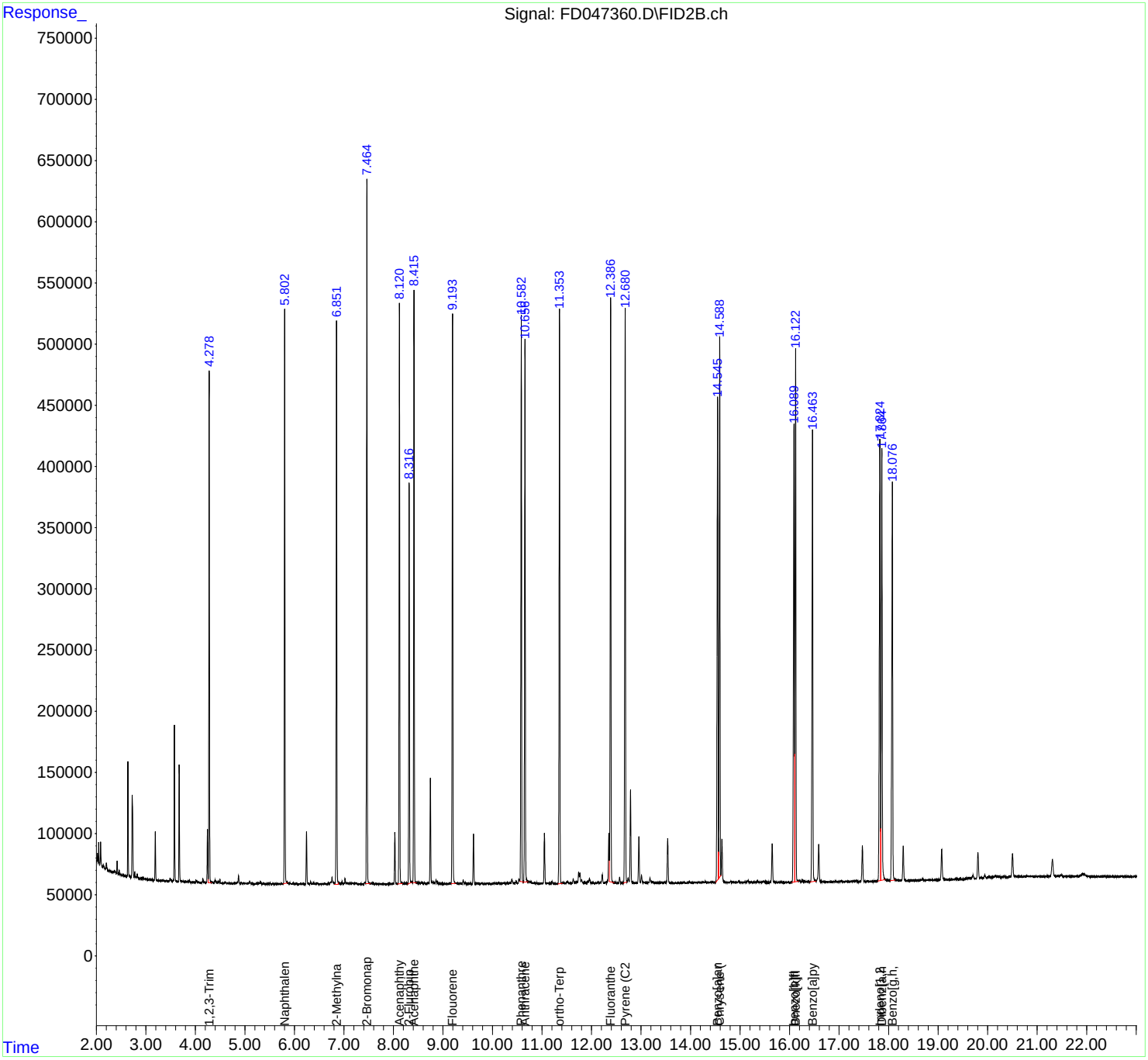

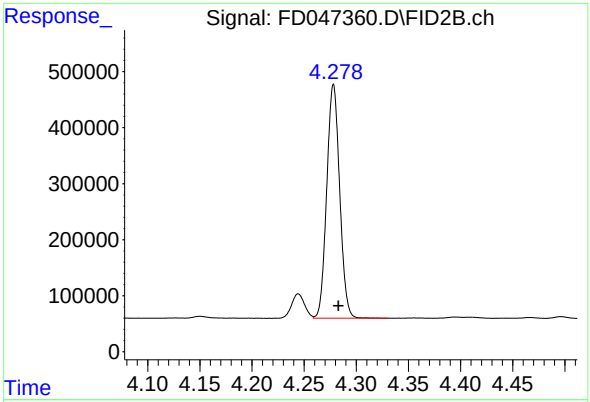

#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.278 min
Delta R.T.: -0.005 min
Response: 3608839
Conc: 22.89 ug/ml

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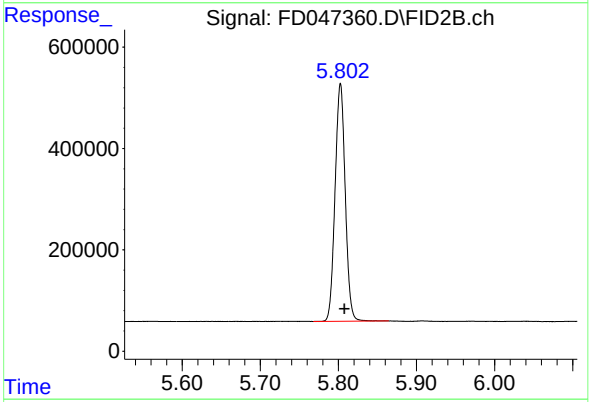
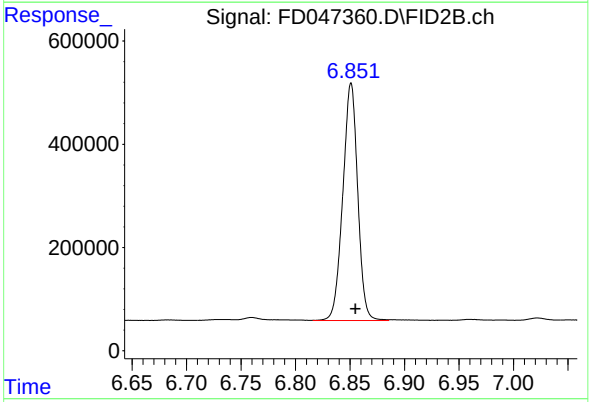


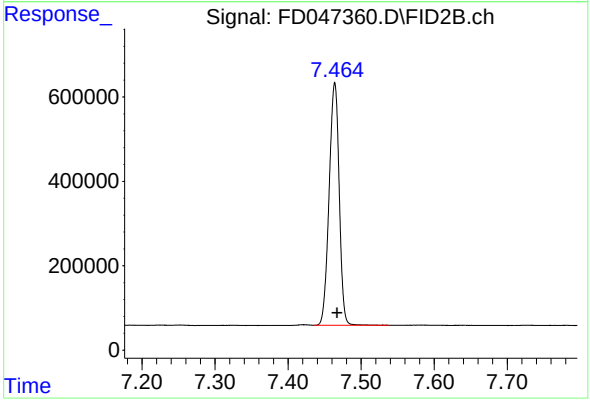
#2 Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: -0.005 min
Response: 4239860
Conc: 25.51 ug/ml



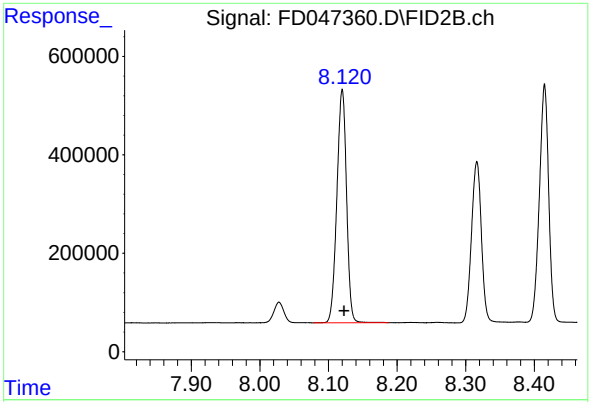
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 4378807
Conc: 25.97 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 5506420
Conc: 36.17 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 4619806
Conc: 30.02 ug/ml

Instrument :
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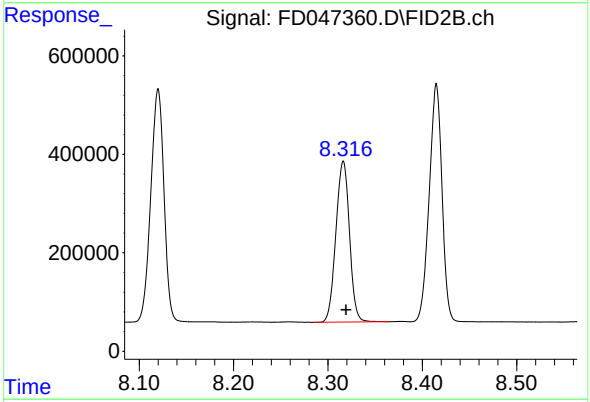
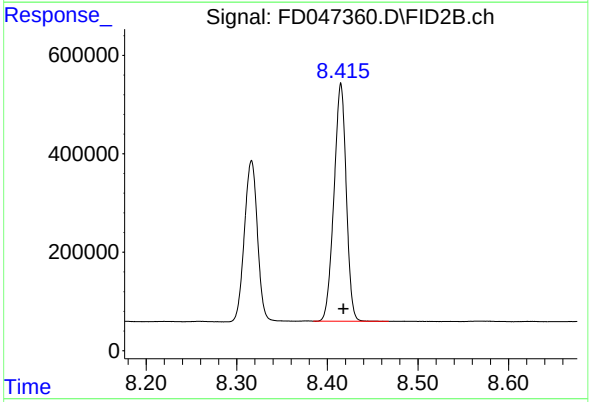


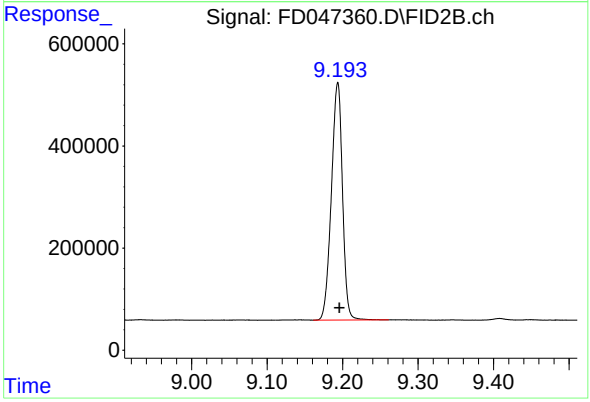
#6 2-Flurobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 3268192
Conc: 32.33 ug/ml



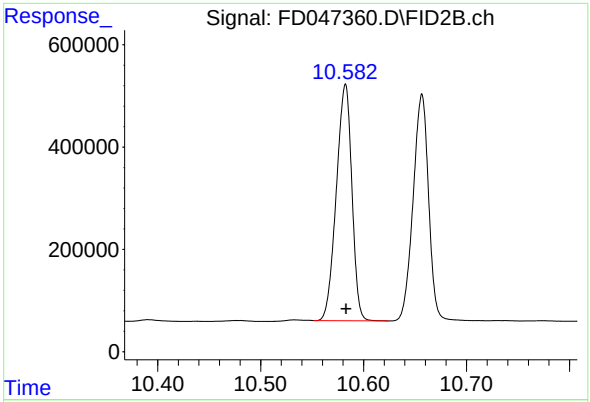
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 4539641
Conc: 27.54 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.193 min
Delta R.T.: -0.002 min
Response: 4753045
Conc: 29.98 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.582 min
Delta R.T.: -0.001 min
Response: 4851042
Conc: 31.23 ug/ml

Instrument :
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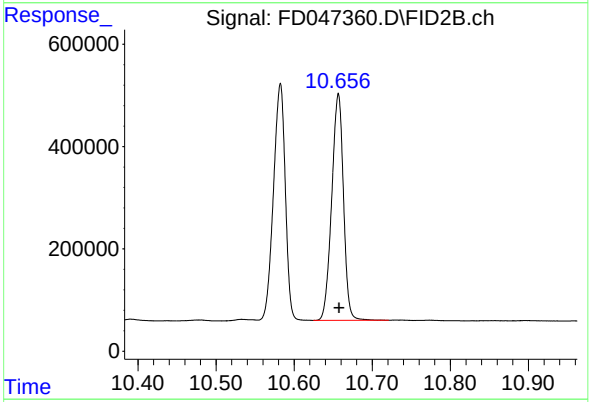
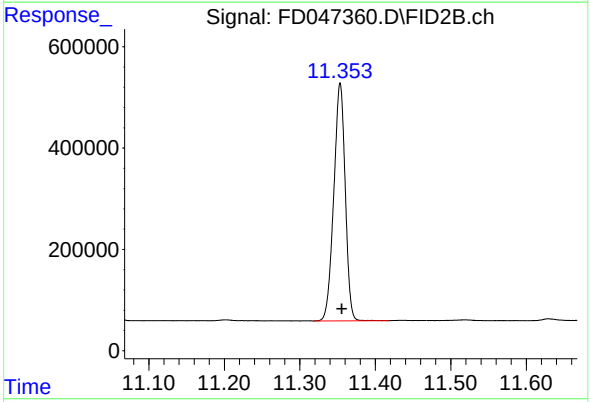


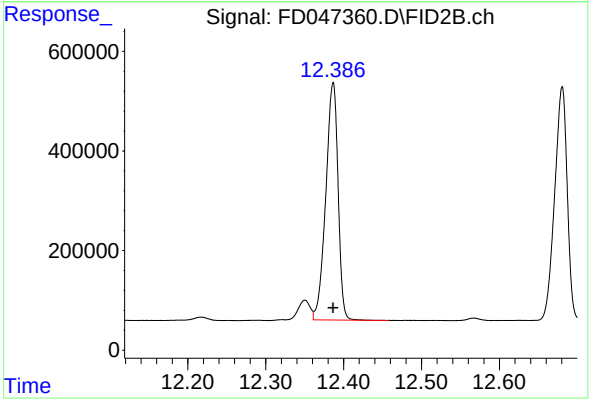
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: -0.001 min
Response: 4630058
Conc: 31.40 ug/ml



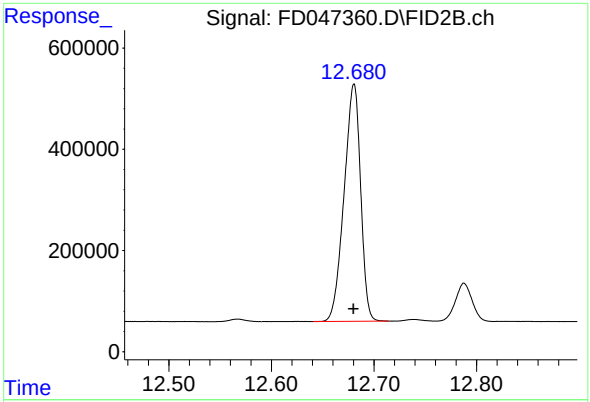
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: -0.002 min
Response: 4938672
Conc: 28.00 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 5228058
Conc: 33.77 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.680 min
Delta R.T.: 0.000 min
Response: 5253963
Conc: 34.93 ug/ml

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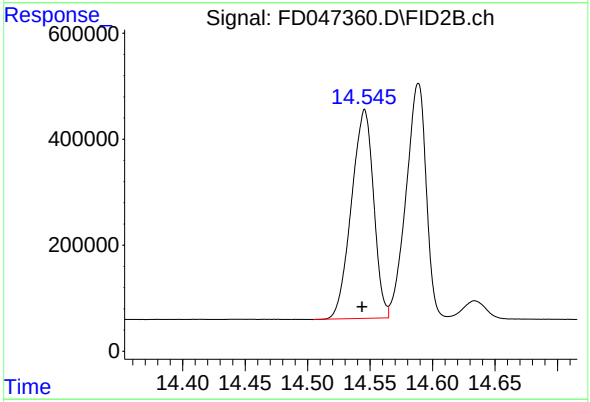
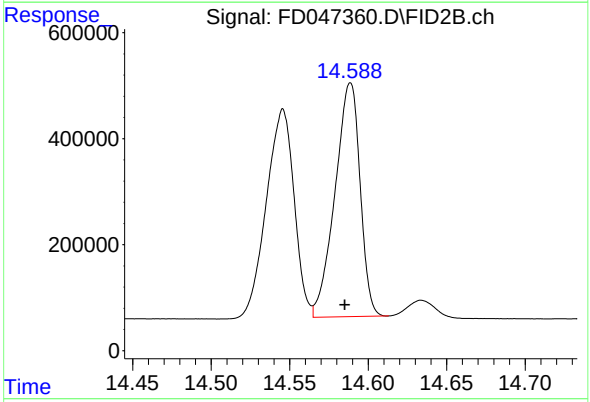


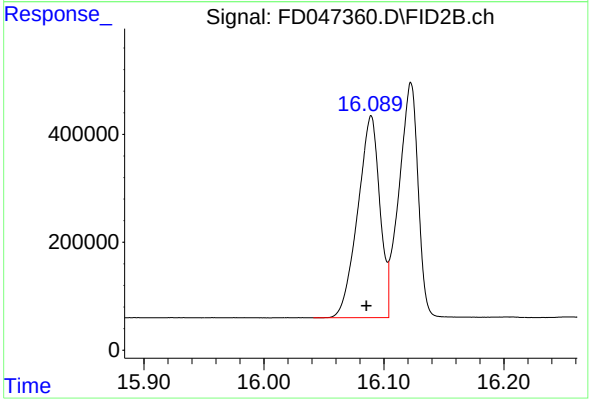
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.002 min
Response: 4865250
Conc: 36.19 ug/ml



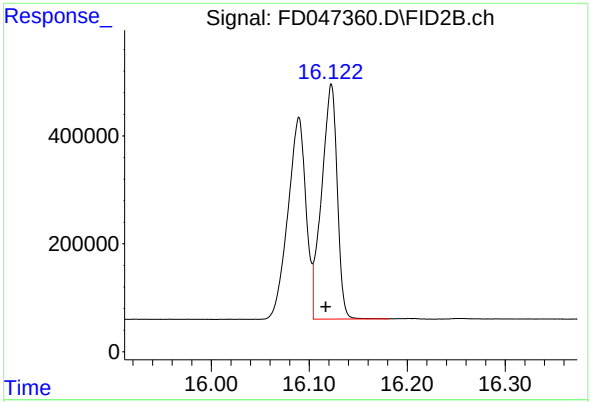
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.003 min
Response: 4907196
Conc: 33.51 ug/ml



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

R.T.: 16.089 min
Delta R.T.: 0.003 min
Response: 4790640
Conc: 34.79 ug/ml



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

R.T.: 16.122 min
Delta R.T.: 0.005 min
Response: 4808697
Conc: 34.66 ug/ml

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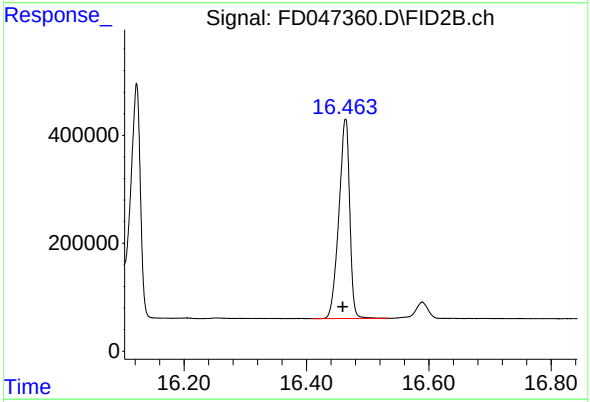
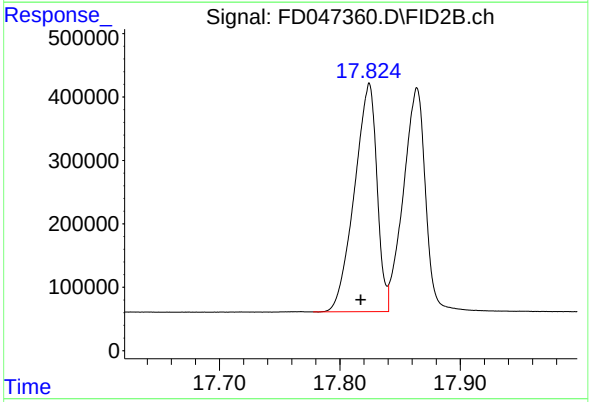


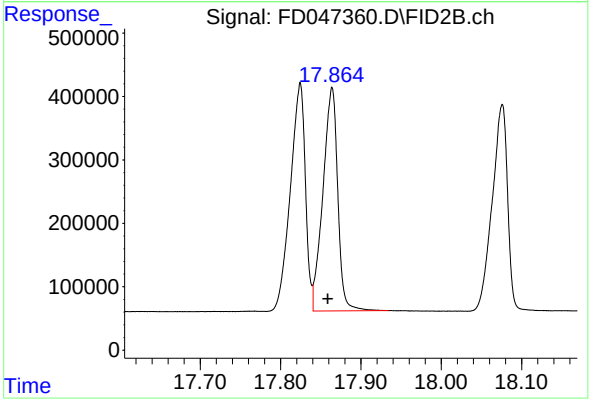
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.464 min
Delta R.T.: 0.004 min
Response: 4538555
Conc: 33.53 ug/ml



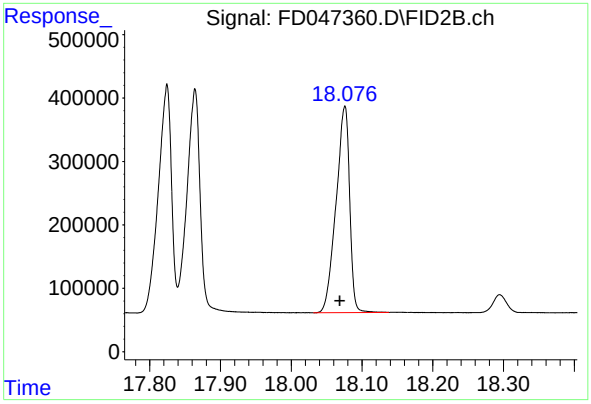
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.824 min
Delta R.T.: 0.006 min
Response: 4685178
Conc: 37.11 ug/ml



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

R.T.: 17.864 min
Delta R.T.: 0.005 min
Response: 4506995
Conc: 33.83 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.006 min
Response: 4341121
Conc: 32.74 ug/ml

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