Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011023AR\
Data File : FD044749.D
Signal(s) : FID2B.ch
Acq On : 10 Jan 2023 17:42
Operator : YP/AJ
Sample : PB150137BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 11 06:32:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
Quant Title : GC Extractables
QLast Update : Sun Dec 25 17:15:10 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...	7.663	6574835	45.594 ug/ml
Spiked Amount	50.000		Recovery =	91.19%
6) S	2-Flurobiphenyl (SURR)	8.520	4363098	44.948 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	89.90%
11) S	ortho-Terphenyl (SURR)	11.549	6821695	37.863 ug/ml
Spiked Amount	50.000		Recovery =	75.73%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.482	4446002	27.633 ug/ml
2) T	Naphthalene (C11.7)	6.010	6300794	37.540 ug/ml
3) T	2-Methylnaphthalene (...	7.055	5744761	34.167 ug/ml
5) T	Acenaphthylene (C15.06)	8.325	6977625	46.004 ug/ml
7) T	Acenaphthene (C15.5)	8.619	5935382	36.613 ug/ml
8) T	Flouorene (C16.55)	9.396	6871530	43.115 ug/ml
9) T	Phenanthrene (C19.36)	10.786	7714559	49.158 ug/ml
10) T	Anthracene (C19.43)	10.860	7367821	58.591 ug/ml
12) T	Fluoranthene (C21.85)	12.588	8198407	52.208 ug/ml
13) T	Pyrene (C20.8)	12.884	7829555	51.146 ug/ml
14) T	Benzo[a]anthracene (C...	14.745	8045346	56.582 ug/ml
15) T	Chrysene (C27.41)	14.789	8424534	55.556 ug/ml
16) T	benzo[b]fluoranthene ...	16.286	8300746	55.193 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.321	7741796	51.100 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.662	7083410	48.823 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.017	7186172	50.816 ug/ml
20) T	Dibenz[a,h]anthracene...	18.059	7438851	50.747 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.273	7122151	50.135 ug/ml

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

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Operator : YP/AJ
Sample : PB150137BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

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Quant Time: Jan 11 06:32:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
Quant Title : GC Extractables
QLast Update : Sun Dec 25 17:15:10 2022
Response via : Initial Calibration
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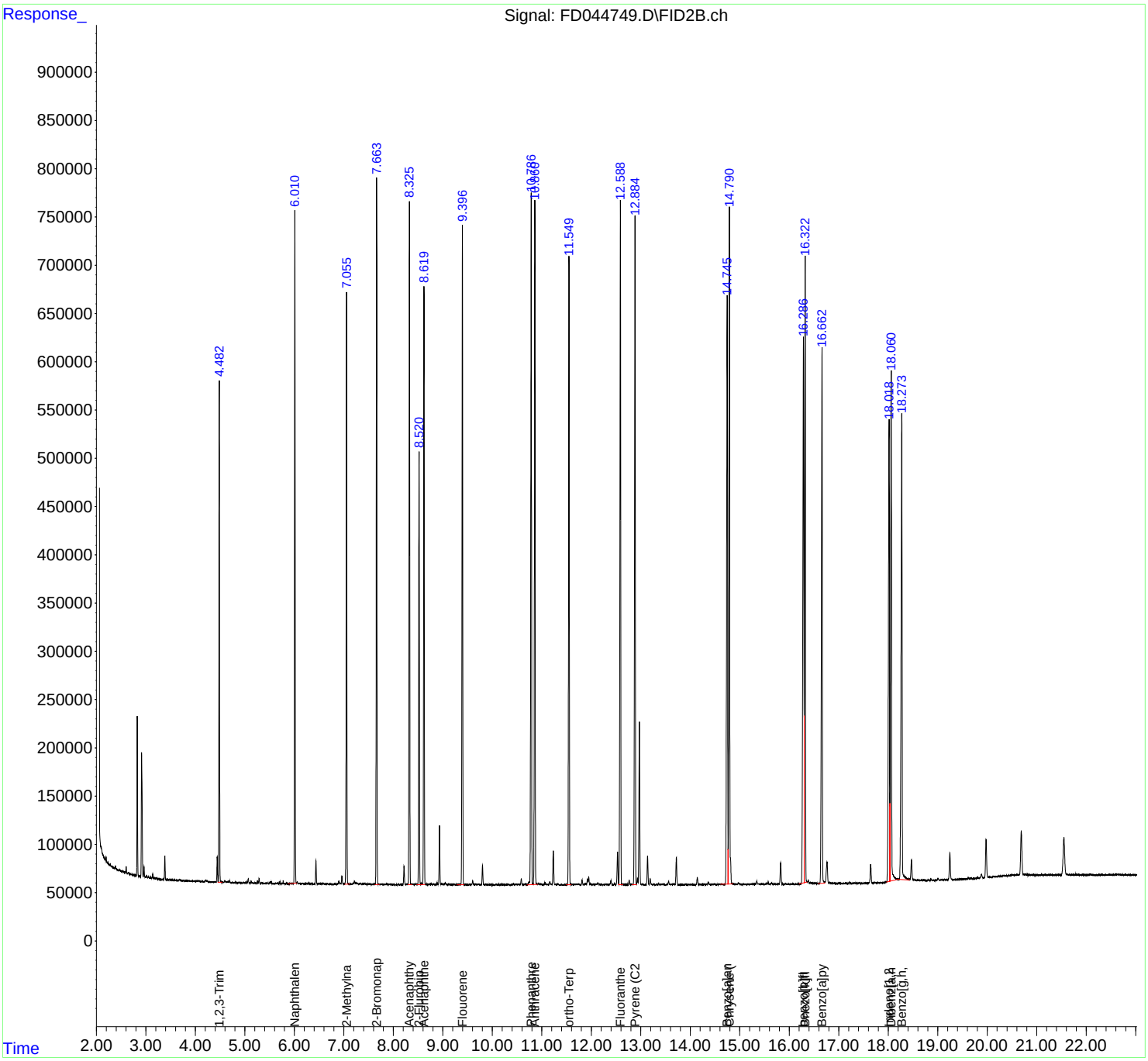
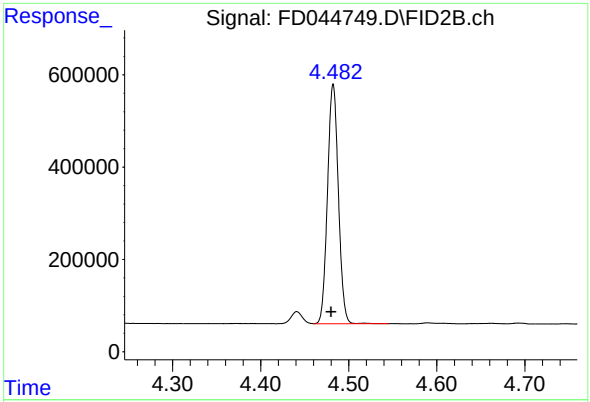
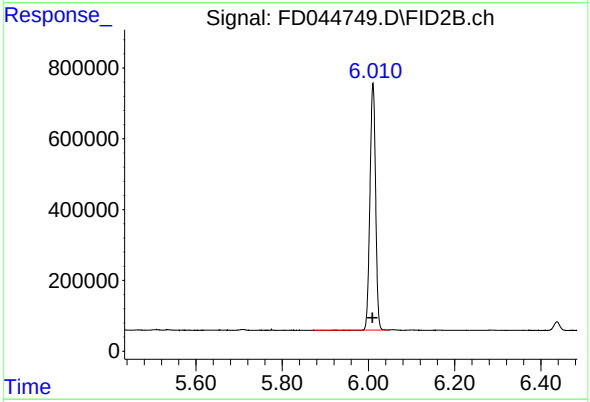
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





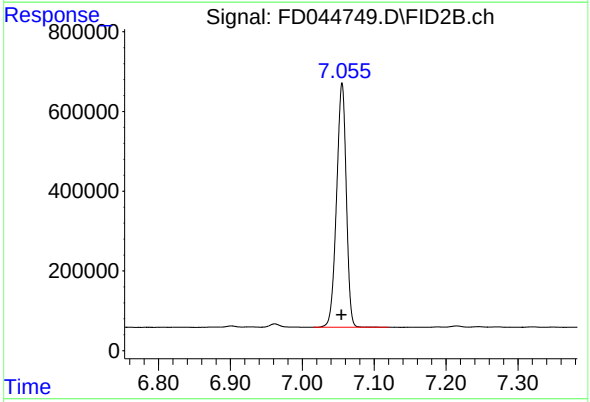
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 4446002
Conc: 27.63 ug/ml



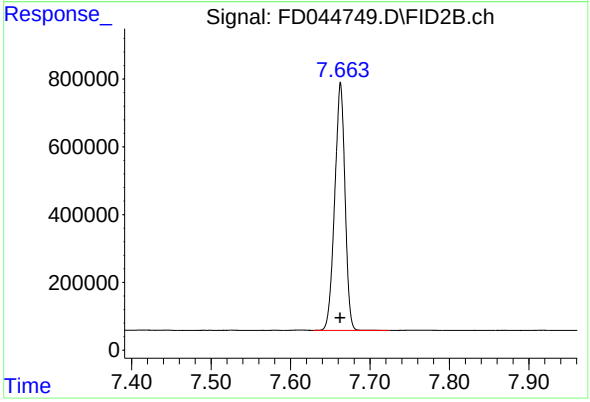
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.002 min
Response: 6300794
Conc: 37.54 ug/ml



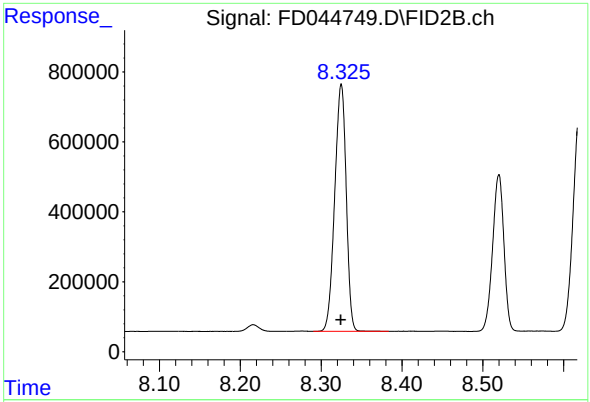
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 5744761
Conc: 34.17 ug/ml



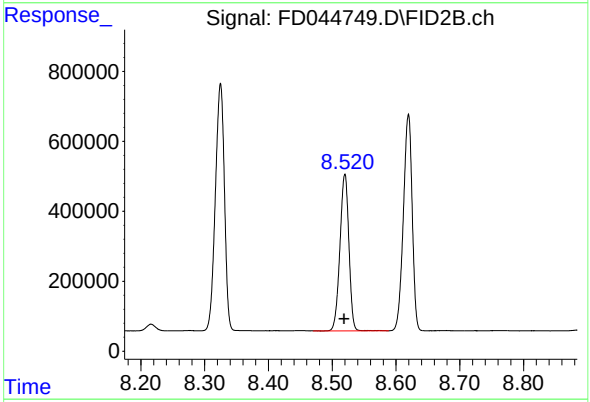
#4 2-Bromonaphthalene (SURR)

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 6574835
Conc: 45.59 ug/ml



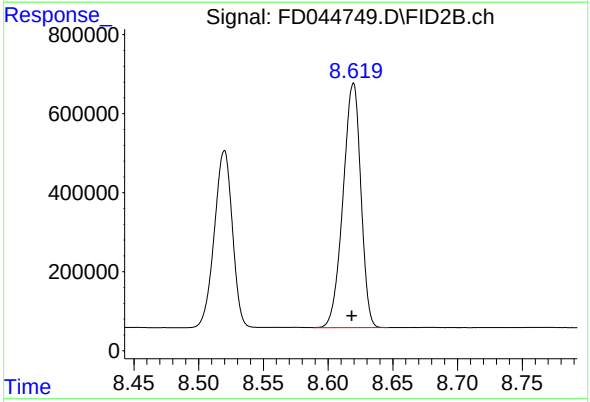
#5 Acenaphthylene (C15.06)

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 6977625
Conc: 46.00 ug/ml



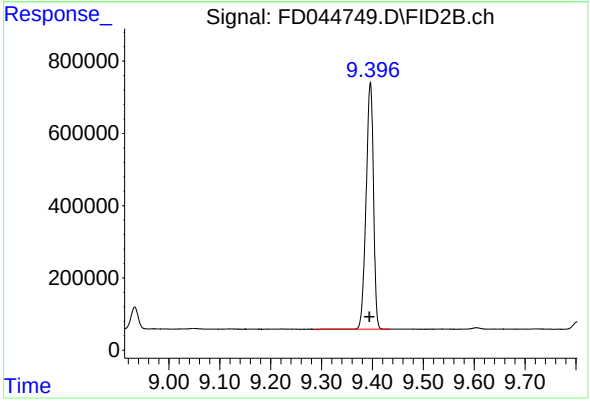
#6 2-Flurobiphenyl (SURR)

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 4363098
Conc: 44.95 ug/ml



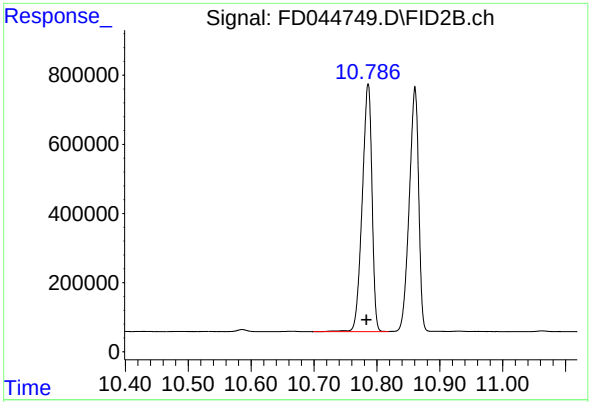
#7 Acenaphthene (C15.5)

R.T.: 8.619 min
Delta R.T.: 0.001 min
Response: 5935382
Conc: 36.61 ug/ml



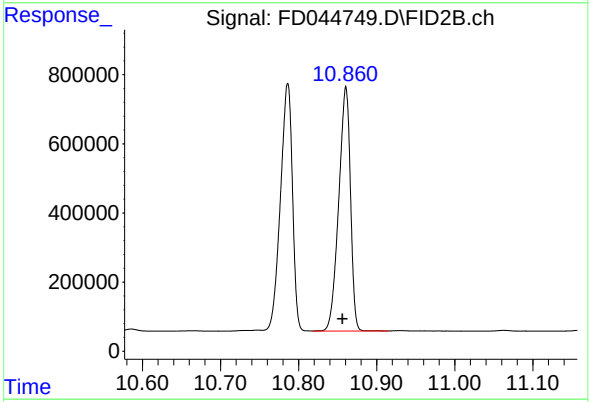
#8 Flouorene (C16.55)

R.T.: 9.396 min
Delta R.T.: 0.002 min
Response: 6871530
Conc: 43.11 ug/ml



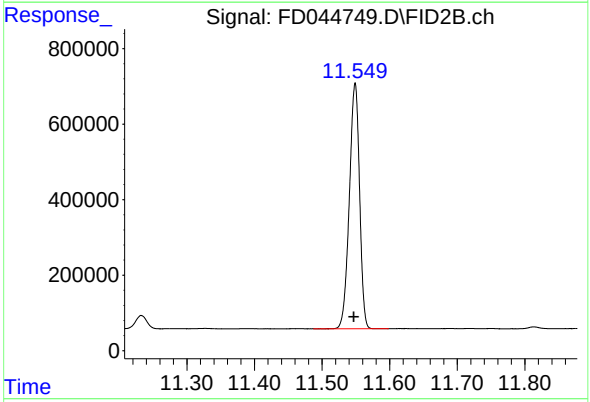
#9 Phenanthrene (C19.36)

R.T.: 10.786 min
Delta R.T.: 0.003 min
Response: 7714559
Conc: 49.16 ug/ml



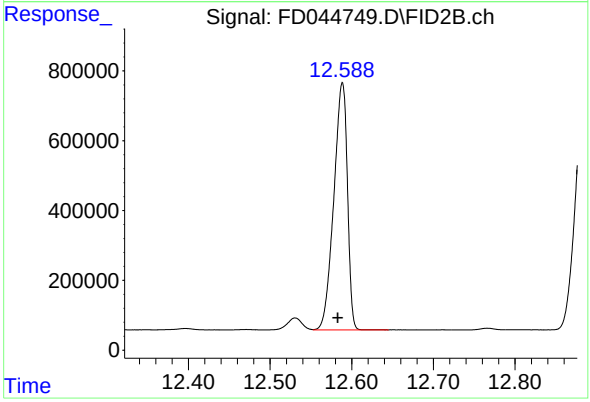
#10 Anthracene (C19.43)

R.T.: 10.860 min
Delta R.T.: 0.004 min
Response: 7367821
Conc: 58.59 ug/ml



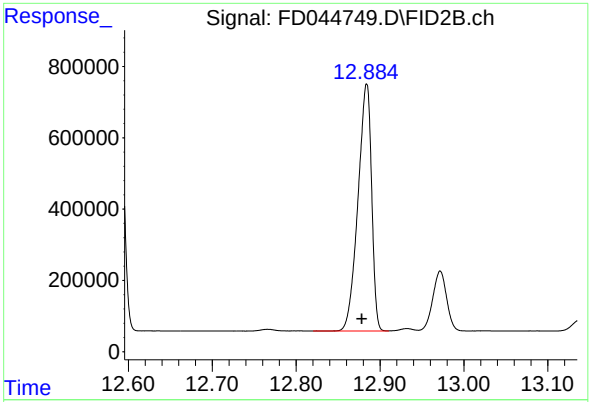
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.002 min
Response: 6821695
Conc: 37.86 ug/ml



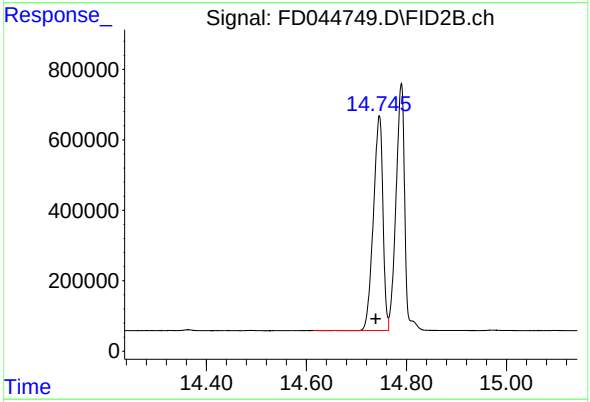
#12 Fluoranthene (C21.85)

R.T.: 12.588 min
Delta R.T.: 0.006 min
Response: 8198407
Conc: 52.21 ug/ml



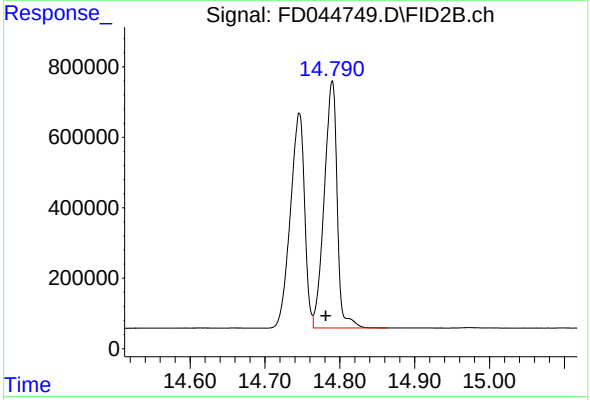
#13 Pyrene (C20.8)

R.T.: 12.884 min
Delta R.T.: 0.005 min
Response: 7829555
Conc: 51.15 ug/ml



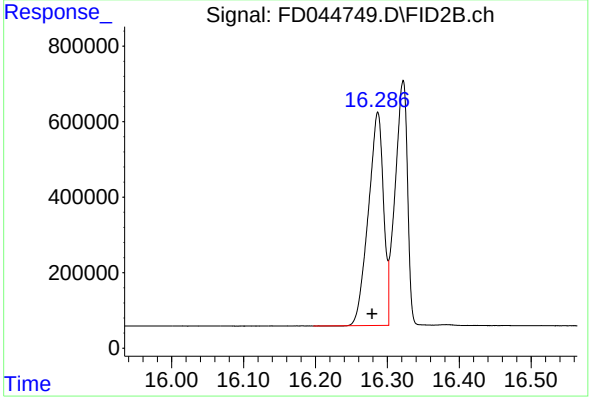
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min
Delta R.T.: 0.007 min
Response: 8045346
Conc: 56.58 ug/ml



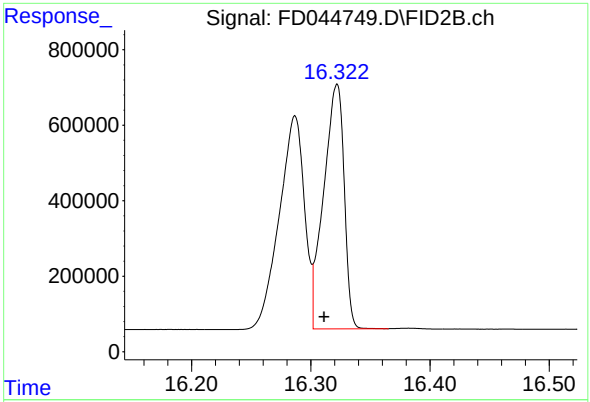
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: 0.008 min
Response: 8424534
Conc: 55.56 ug/ml



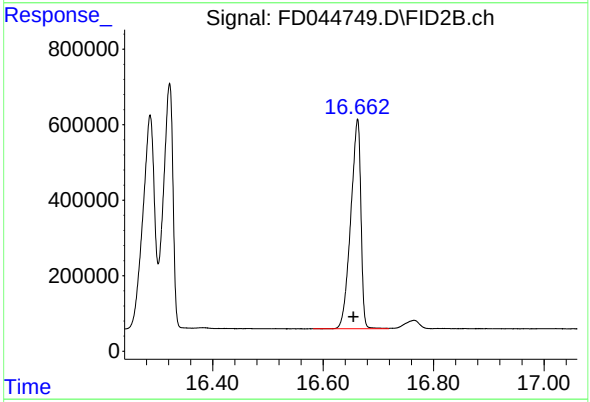
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.286 min
Delta R.T.: 0.007 min
Response: 8300746
Conc: 55.19 ug/ml



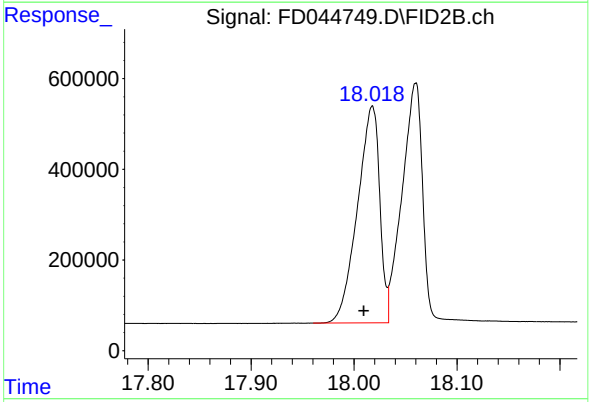
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.321 min
Delta R.T.: 0.010 min
Response: 7741796
Conc: 51.10 ug/ml



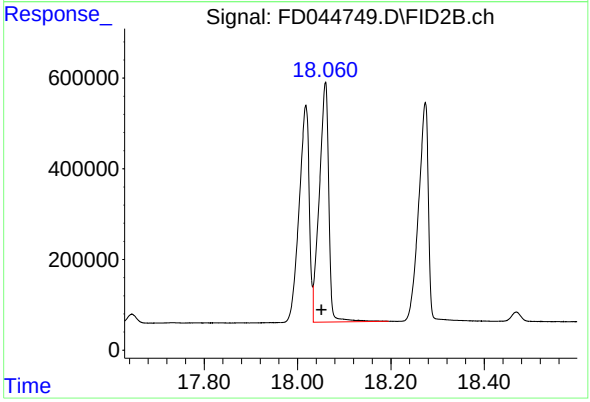
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.662 min
Delta R.T.: 0.007 min
Response: 7083410
Conc: 48.82 ug/ml



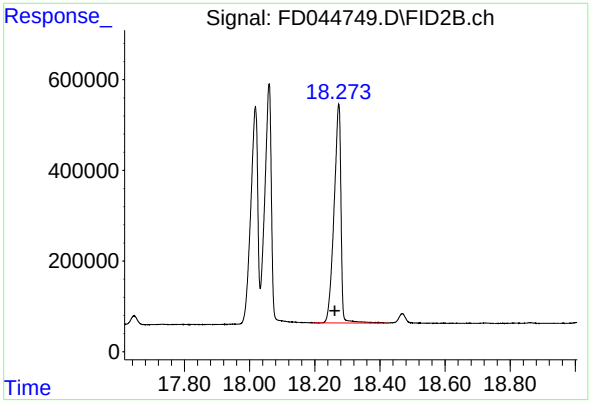
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.017 min
Delta R.T.: 0.008 min
Response: 7186172
Conc: 50.82 ug/ml



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

R.T.: 18.059 min
Delta R.T.: 0.008 min
Response: 7438851
Conc: 50.75 ug/ml



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

R.T.:	18.273 min
Delta R.T.:	0.011 min
Response:	7122151
Conc:	50.14 ug/ml