Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051425AR\
Data File : FD049347.D
Signal(s) : FID2B.ch
Acq On : 15 May 2025 01:01
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :

Integration File: autoint1.e
Quant Time: May 15 02:53:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
Quant Title : GC Extractables
QLast Update : Thu May 01 13:29:48 2025
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...	7.735	2676838	22.576 ug/ml
Spiked Amount	50.000		Recovery =	45.15%
6) S	2-Flurobiphenyl (SURR)	8.601	1801769	22.815 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	45.63%
11) S	ortho-Terphenyl (SURR)	11.647	3227473	23.384 ug/ml
Spiked Amount	50.000		Recovery =	46.77%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.526	2654408	21.260 ug/ml
2) T	Naphthalene (C11.7)	6.071	2869724	21.707 ug/ml
3) T	2-Methylnaphthalene (...	7.125	2874796	22.285 ug/ml
5) T	Acenaphthylene (C15.06)	8.405	3110817	22.037 ug/ml
7) T	Acenaphthene (C15.5)	8.700	3059581	22.331 ug/ml
8) T	Flouorene (C16.55)	9.482	3088906	22.693 ug/ml
9) T	Phenanthrene (C19.36)	10.881	2977489	22.085 ug/ml
10) T	Anthracene (C19.43)	10.955	2435863	20.596 ug/ml
12) T	Fluoranthene (C21.85)	12.694	2951200	21.899 ug/ml
13) T	Pyrene (C20.8)	12.993	2915202	21.550 ug/ml
14) T	Benzo[a]anthracene (C...	14.865	2424483	21.166 ug/ml
15) T	Chrysene (C27.41)	14.906	2502655	21.443 ug/ml
16) T	benzo[b]fluoranthene ...	16.416	2445569	20.147 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.448	2384405	19.993 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.794	2215763	19.270 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.158	2056545	18.740 ug/ml
20) T	Dibenz[a,h]anthracene...	18.198	2303358	21.809 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.414	2244988	18.839 ug/ml

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

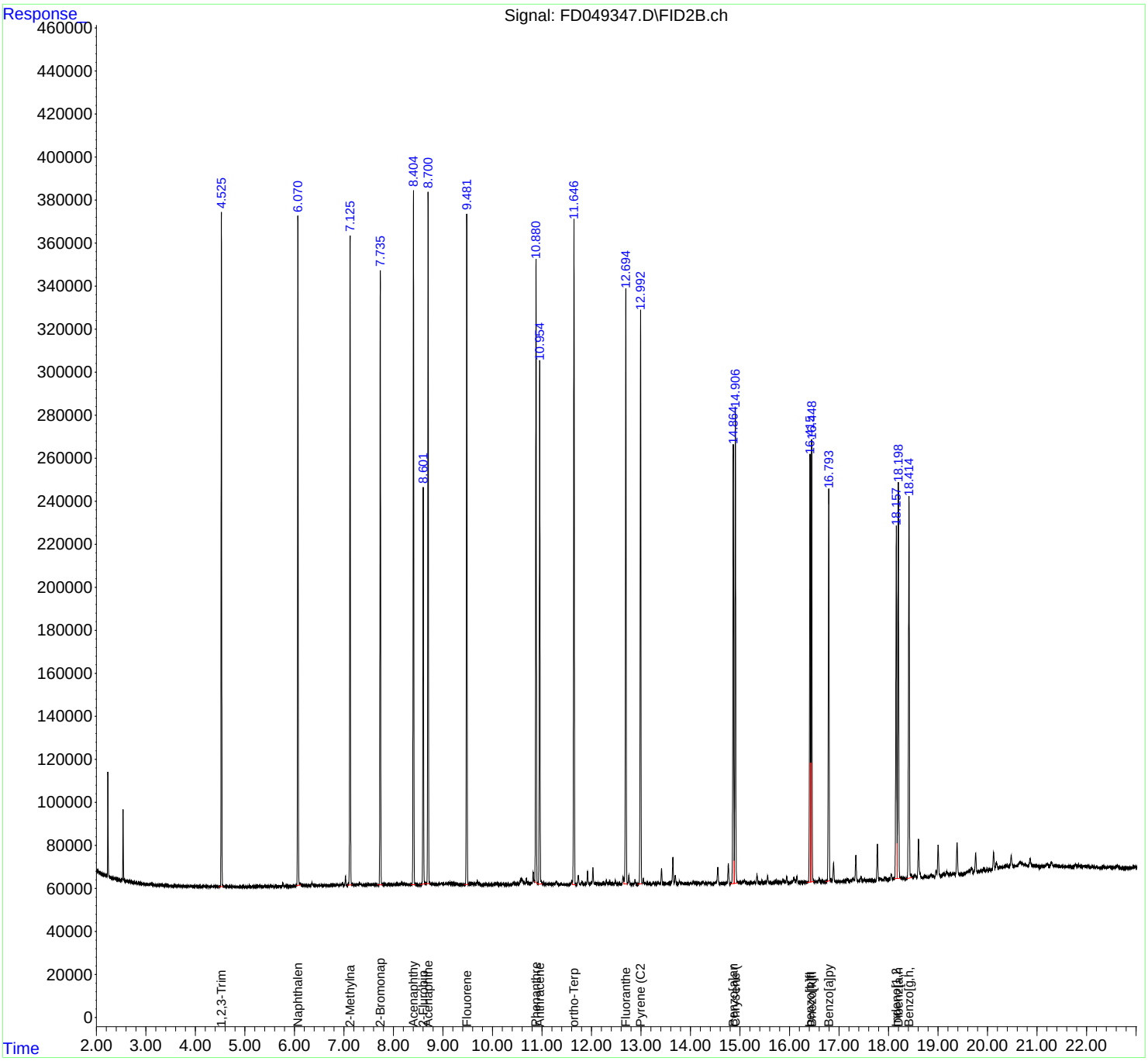
Quantitation Report (Not Reviewed)

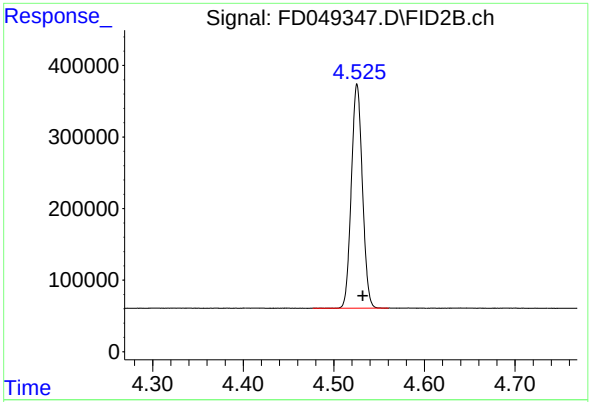
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051425AR\
Data File : FD049347.D
Signal(s) : FID2B.ch
Acq On : 15 May 2025 01:01
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :

Integration File: autoint1.e
Quant Time: May 15 02:53:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
Quant Title : GC Extractables
QLast Update : Thu May 01 13:29:48 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

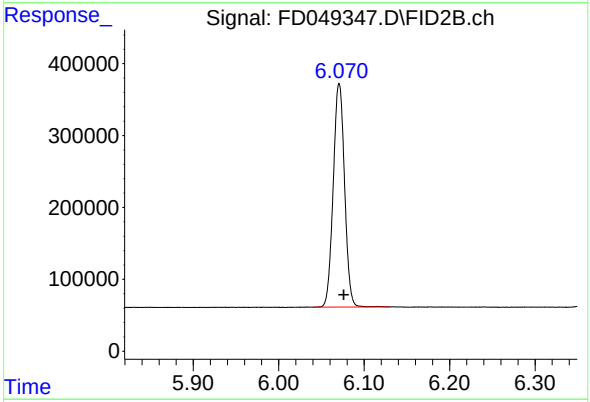




#1 1,2,3-Trimethylbenzene (C10.1)

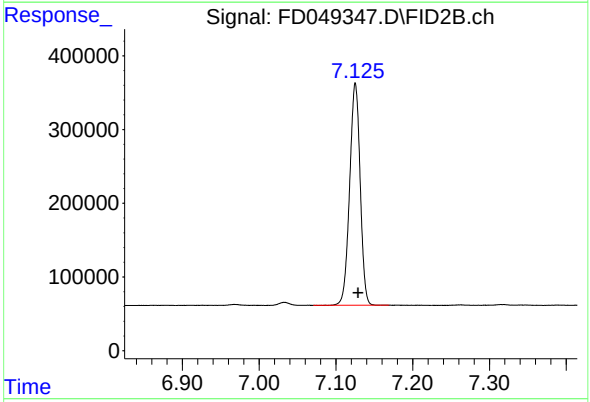
R.T.: 4.526 min
Delta R.T.: -0.006 min
Response: 2654408
Conc: 21.26 ug/ml

Instrument :
FID_D
ClientSampleId :



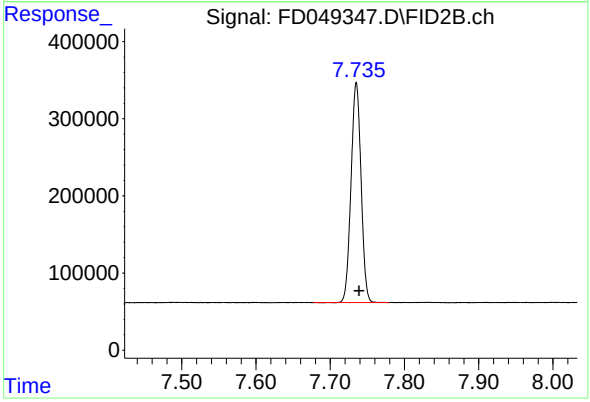
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.005 min
Response: 2869724
Conc: 21.71 ug/ml



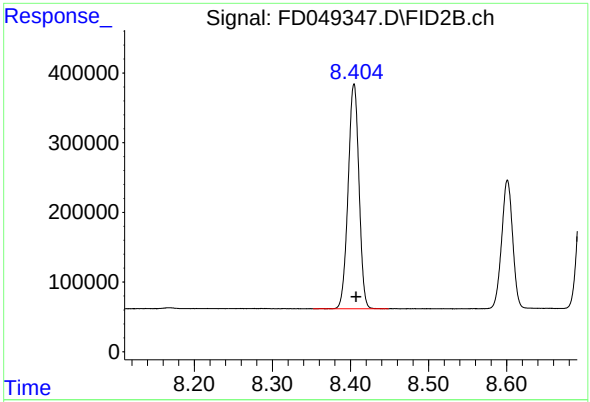
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: -0.003 min
Response: 2874796
Conc: 22.28 ug/ml



#4 2-Bromonaphthalene (SURR)

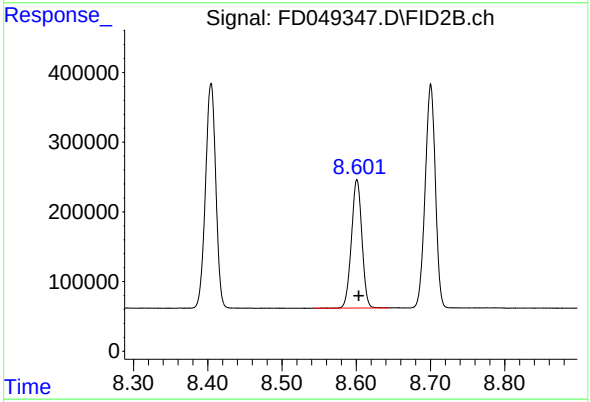
R.T.: 7.735 min
Delta R.T.: -0.004 min
Response: 2676838
Conc: 22.58 ug/ml



#5 Acenaphthylene (C15.06)

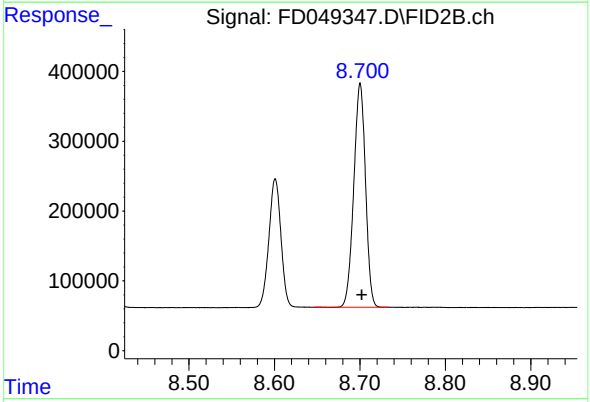
R.T.: 8.405 min
Delta R.T.: -0.002 min
Response: 3110817
Conc: 22.04 ug/ml

Instrument :
FID_D
ClientSampleId :



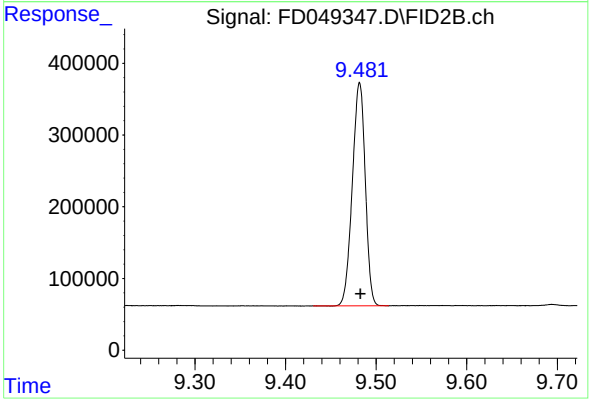
#6 2-Flurobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: -0.003 min
Response: 1801769
Conc: 22.82 ug/ml



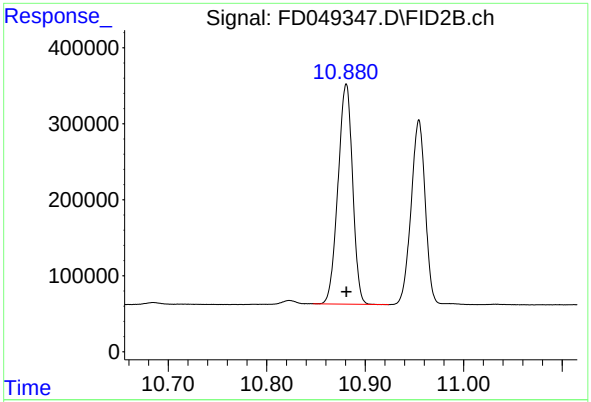
#7 Acenaphthene (C15.5)

R.T.: 8.700 min
Delta R.T.: -0.002 min
Response: 3059581
Conc: 22.33 ug/ml



#8 Flouorene (C16.55)

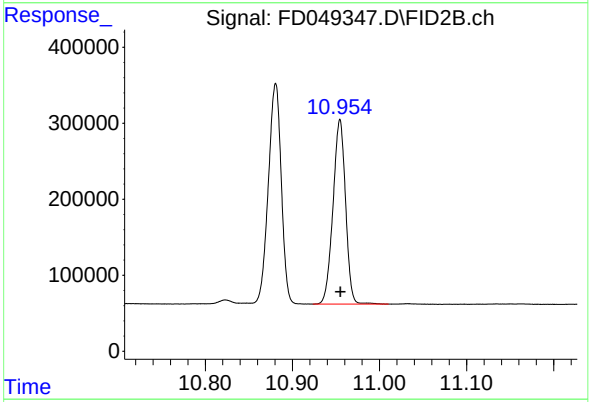
R.T.: 9.482 min
Delta R.T.: 0.000 min
Response: 3088906
Conc: 22.69 ug/ml



#9 Phenanthrene (C19.36)

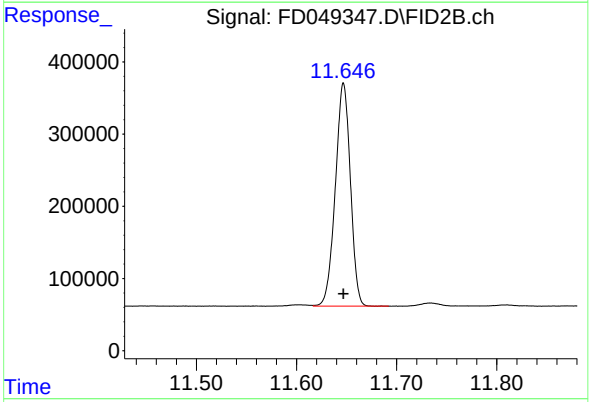
R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 2977489
Conc: 22.08 ug/ml

Instrument :
FID_D
ClientSampleId :



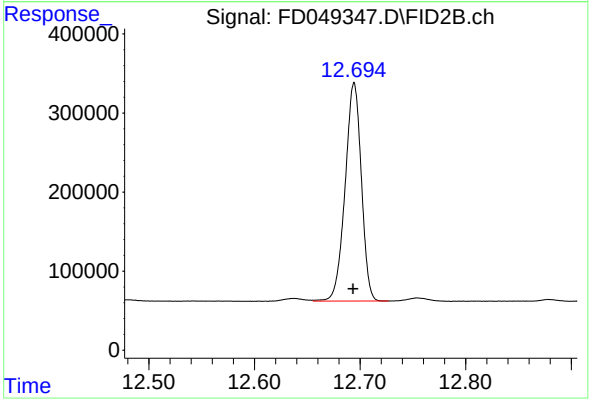
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: 0.000 min
Response: 2435863
Conc: 20.60 ug/ml



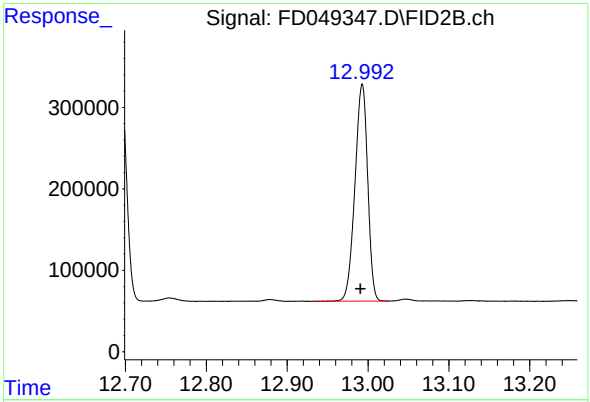
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 3227473
Conc: 23.38 ug/ml



#12 Fluoranthene (C21.85)

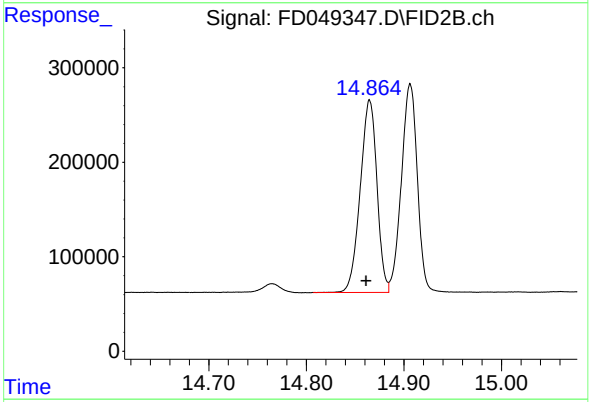
R.T.: 12.694 min
Delta R.T.: 0.001 min
Response: 2951200
Conc: 21.90 ug/ml



#13 Pyrene (C20.8)

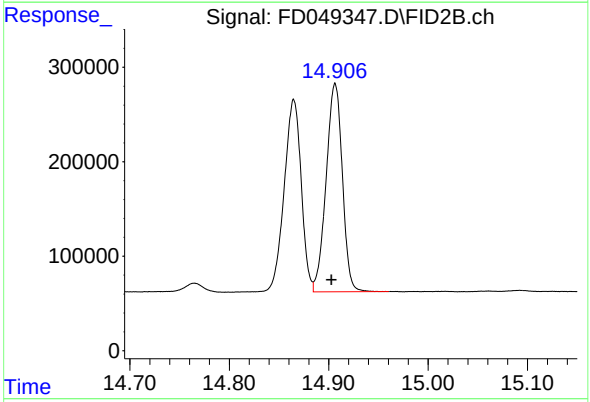
R.T.: 12.993 min
Delta R.T.: 0.002 min
Response: 2915202
Conc: 21.55 ug/ml

Instrument :
FID_D
ClientSampleId :



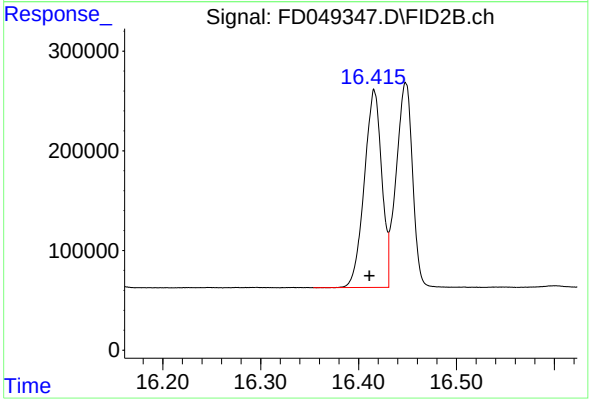
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: 0.003 min
Response: 2424483
Conc: 21.17 ug/ml



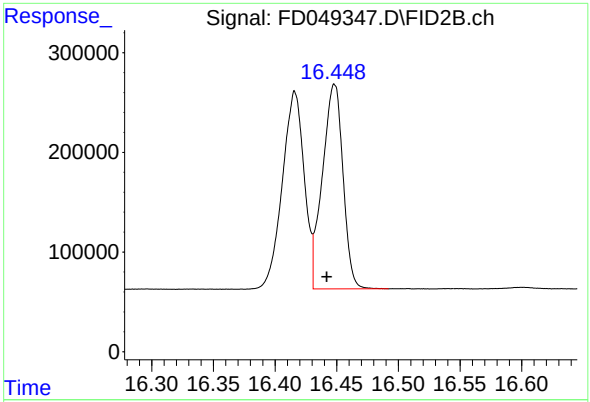
#15 Chrysene (C27.41)

R.T.: 14.906 min
Delta R.T.: 0.004 min
Response: 2502655
Conc: 21.44 ug/ml



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

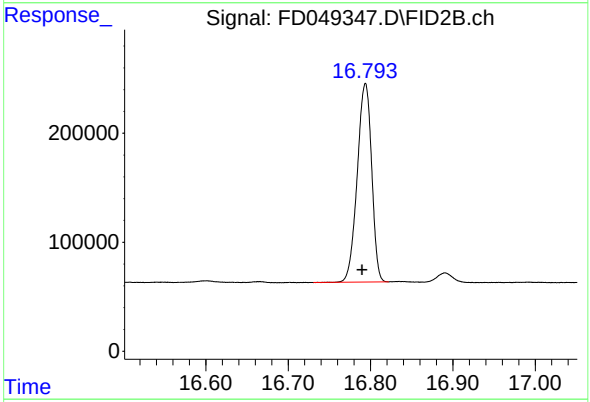
R.T.: 16.416 min
Delta R.T.: 0.005 min
Response: 2445569
Conc: 20.15 ug/ml



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

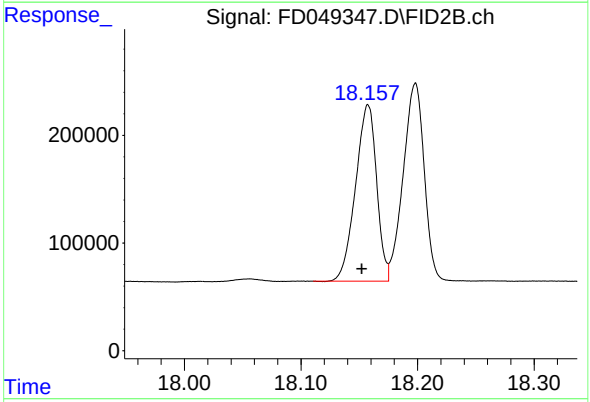
R.T.: 16.448 min
Delta R.T.: 0.006 min
Response: 2384405
Conc: 19.99 ug/ml

Instrument :
FID_D
ClientSampleId :



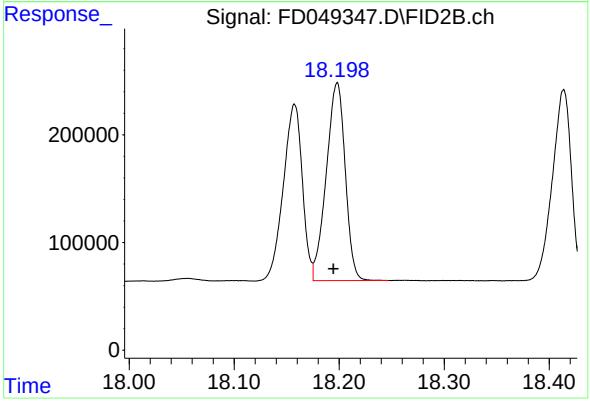
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min
Delta R.T.: 0.004 min
Response: 2215763
Conc: 19.27 ug/ml



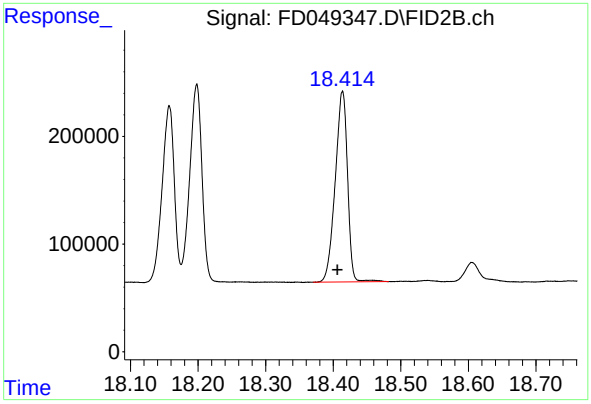
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.158 min
Delta R.T.: 0.005 min
Response: 2056545
Conc: 18.74 ug/ml



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

R.T.: 18.198 min
Delta R.T.: 0.004 min
Response: 2303358
Conc: 21.81 ug/ml



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

R.T.:	18.414 min
Delta R.T.:	0.007 min
Response:	2244988
Conc:	18.84 ug/ml

Instrument :
FID_D
ClientSampleId :