

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050823AR\
 Data File : FD045624.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2023 17:30
 Operator : YP/AJ
 Sample : PB152631BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152631BS

Integration File: autoint1.e
 Quant Time: May 09 03:42:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 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...	7.544	6501709	38.117 ug/ml
Spiked Amount 50.000		Recovery =	76.23%
6) S 2-Fluorobiphenyl (SURR)	8.399	3860335	33.576 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.15%
11) S ortho-Terphenyl (SURR)	11.440	6824609	32.326 ug/ml
Spiked Amount 50.000		Recovery =	64.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	4326832	23.180 ug/ml
2) T Naphthalene (C11.7)	5.881	5145847	26.161 ug/ml
3) T 2-Methylnaphthalene (...)	6.931	5320771	26.934 ug/ml
5) T Acenaphthylene (C15.06)	8.203	6157583	34.273 ug/ml
7) T Acenaphthene (C15.5)	8.499	6435352	33.817 ug/ml
8) T Fluorene (C16.55)	9.278	6629573	35.153 ug/ml
9) T Phenanthrene (C19.36)	10.670	6812941	36.653 ug/ml
10) T Anthracene (C19.43)	10.745	6858393	38.364 ug/ml
12) T Fluoranthene (C21.85)	12.475	6845055	37.944 ug/ml
13) T Pyrene (C20.8)	12.771	6848867	39.078 ug/ml
14) T Benzo[a]anthracene (C...	14.636	6400920	40.214 ug/ml
15) T Chrysene (C27.41)	14.679	6255805	38.526 ug/ml
16) T benzo[b]fluoranthene ...	16.178	6182677	41.980 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	5955021	41.185 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	5394659	38.692 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.911	5081920	39.999 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	5267871	41.017 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	5244210	40.771 ug/ml

(f)=RT Delta > 1/2 Window

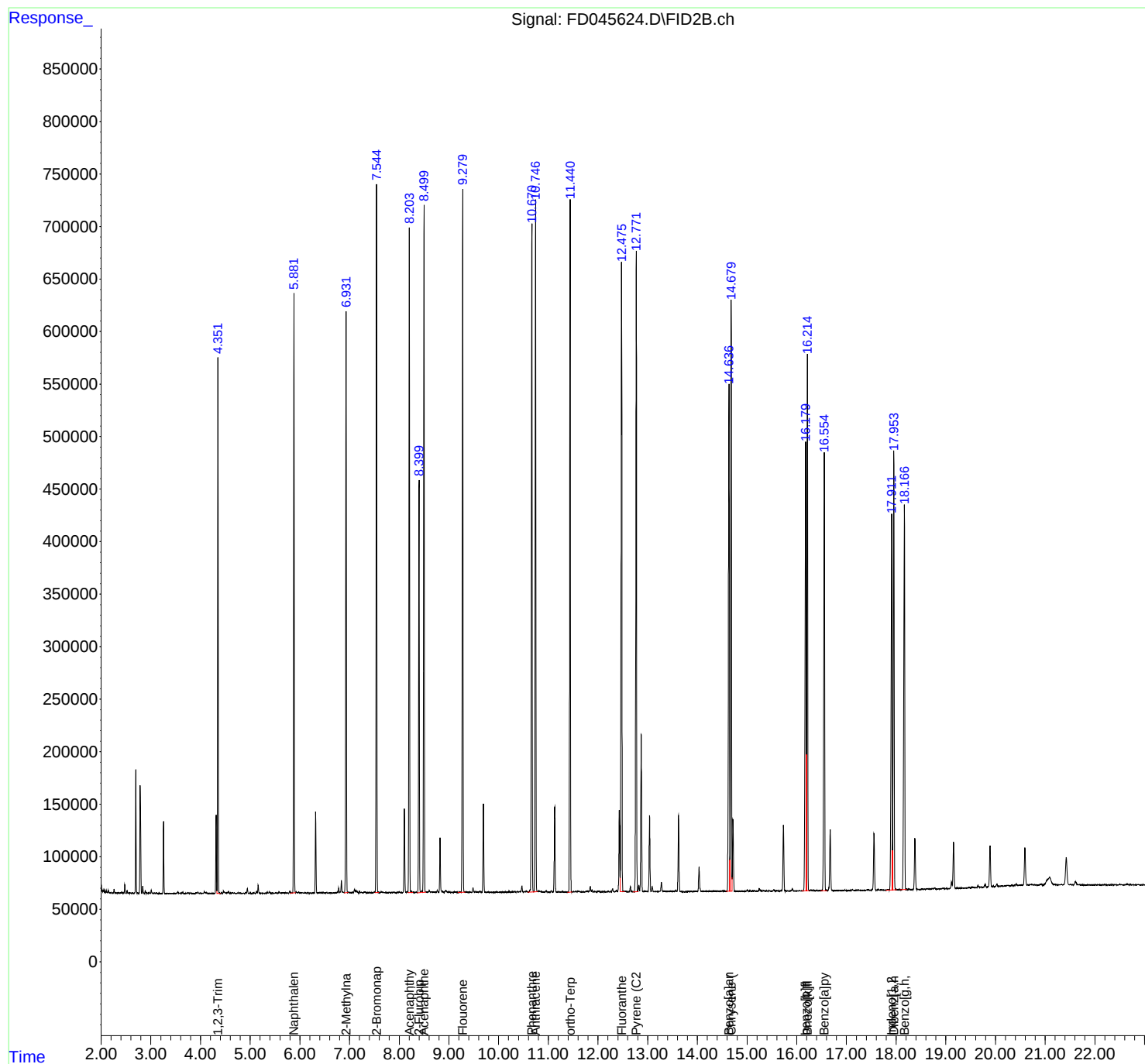
(m)=manual int.

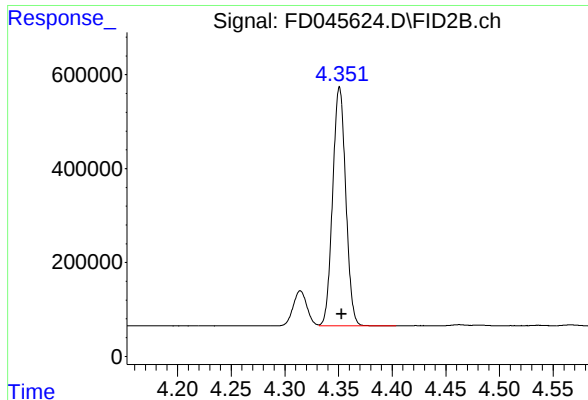
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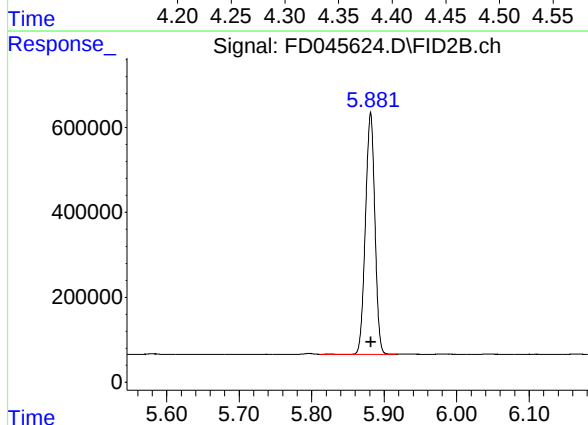




#1 1,2,3-Trimethylbenzene (C10.1)

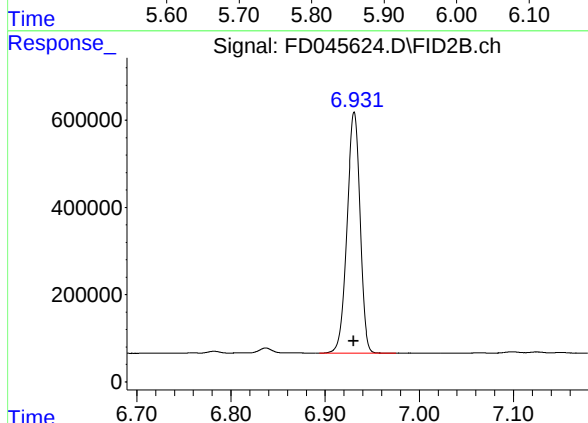
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 4326832
Conc: 23.18 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152631BS



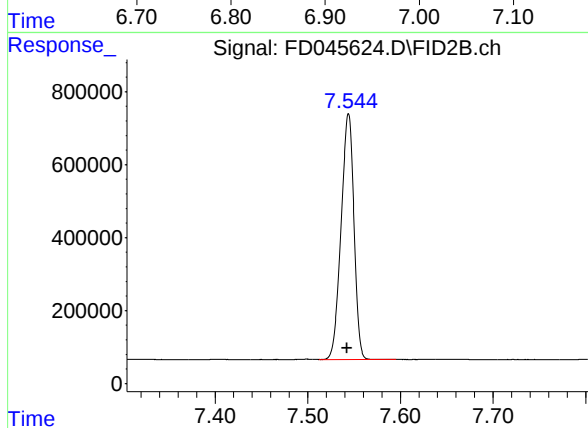
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 5145847
Conc: 26.16 ug/ml



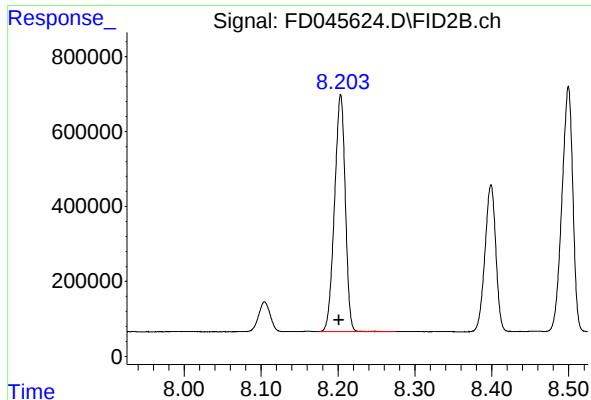
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 5320771
Conc: 26.93 ug/ml



#4 2-Bromonaphthalene (SURR)

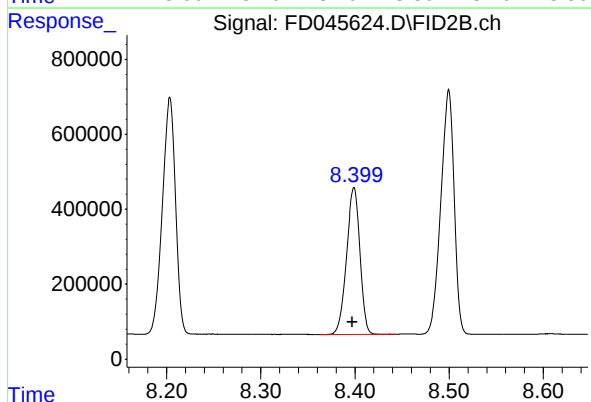
R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 6501709
Conc: 38.12 ug/ml



#5 Acenaphthylene (C15.06)

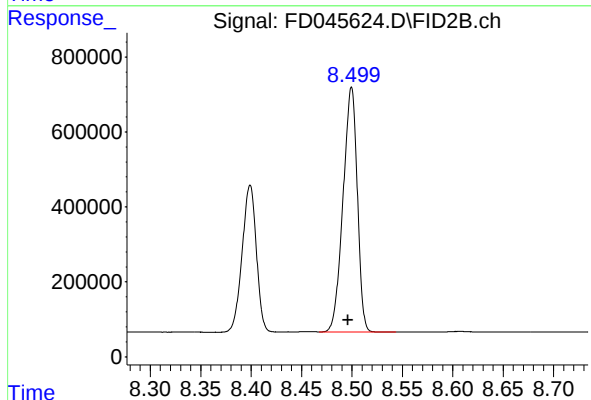
R.T.: 8.203 min
Delta R.T.: 0.002 min
Response: 6157583
Conc: 34.27 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152631BS



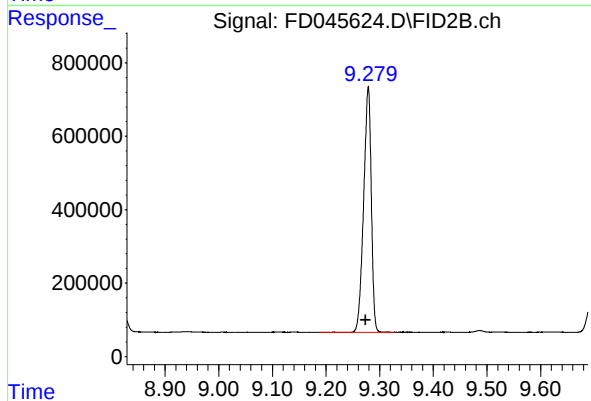
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 3860335
Conc: 33.58 ug/ml



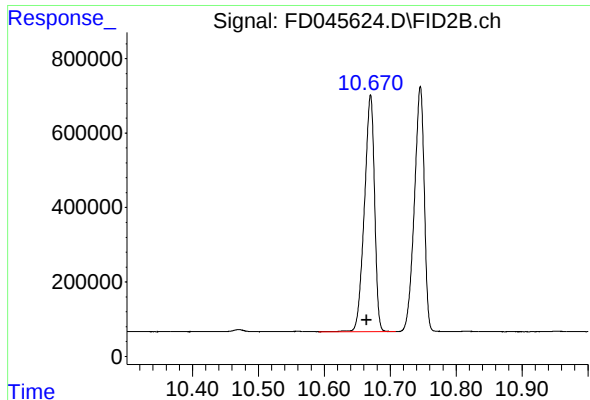
#7 Acenaphthene (C15.5)

R.T.: 8.499 min
Delta R.T.: 0.003 min
Response: 6435352
Conc: 33.82 ug/ml



#8 Flouorene (C16.55)

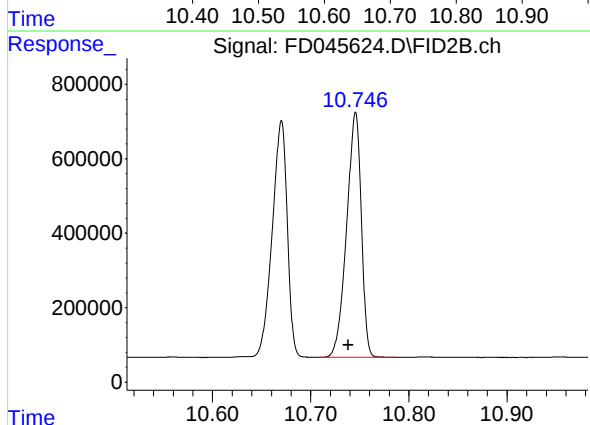
R.T.: 9.278 min
Delta R.T.: 0.004 min
Response: 6629573
Conc: 35.15 ug/ml



#9 Phenanthrene (C19.36)

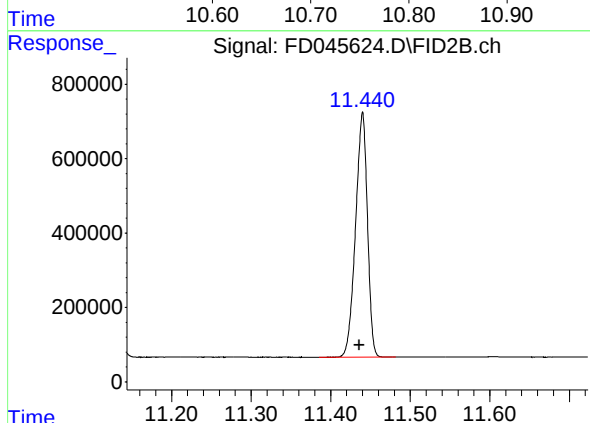
R.T.: 10.670 min
Delta R.T.: 0.005 min
Response: 6812941
Conc: 36.65 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152631BS



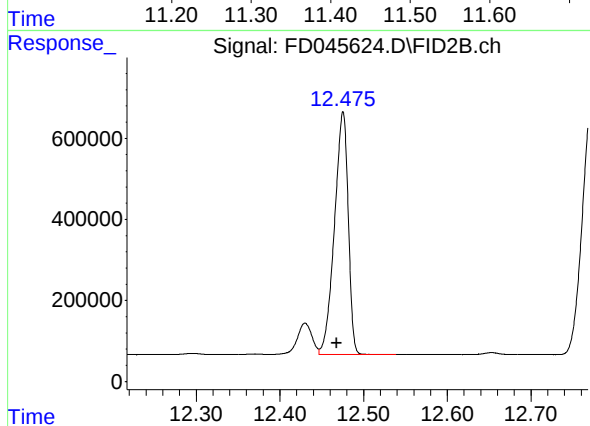
#10 Anthracene (C19.43)

R.T.: 10.745 min
Delta R.T.: 0.007 min
Response: 6858393
Conc: 38.36 ug/ml



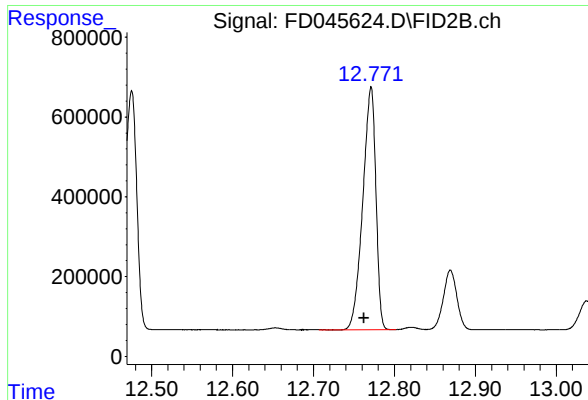
#11 ortho-Terphenyl (SURRE)

R.T.: 11.440 min
Delta R.T.: 0.004 min
Response: 6824609
Conc: 32.33 ug/ml



#12 Fluoranthene (C21.85)

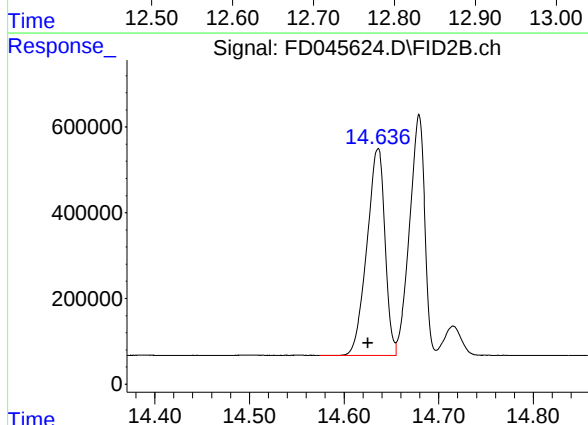
R.T.: 12.475 min
Delta R.T.: 0.007 min
Response: 6845055
Conc: 37.94 ug/ml



#13 Pyrene (C20.8)

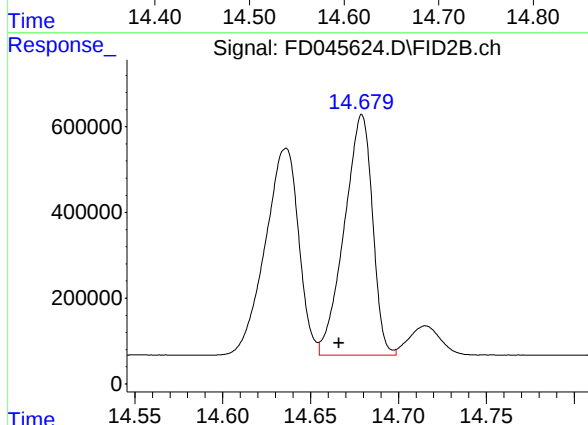
R.T.: 12.771 min
Delta R.T.: 0.008 min
Response: 6848867
Conc: 39.08 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152631BS



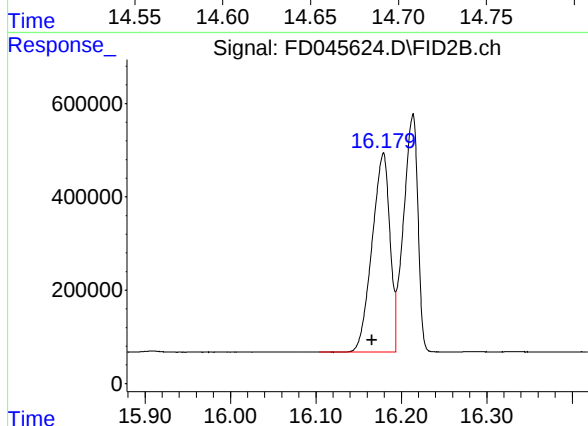
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.636 min
Delta R.T.: 0.010 min
Response: 6400920
Conc: 40.21 ug/ml



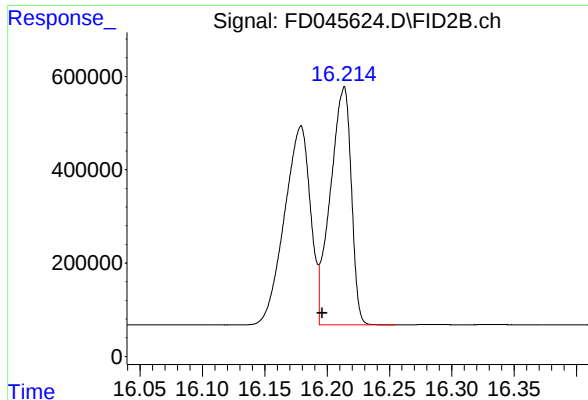
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: 0.013 min
Response: 6255805
Conc: 38.53 ug/ml



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

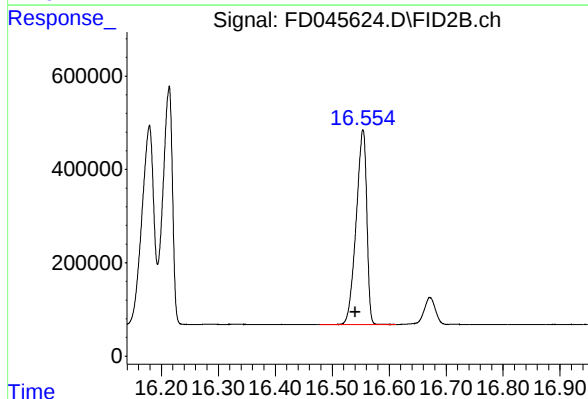
R.T.: 16.178 min
Delta R.T.: 0.013 min
Response: 6182677
Conc: 41.98 ug/ml



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

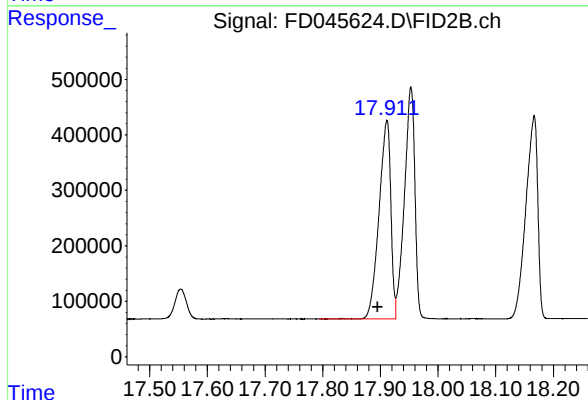
R.T.: 16.213 min
Delta R.T.: 0.017 min
Response: 5955021
Conc: 41.19 ug/ml

Instrument :
FID_D
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PB152631BS



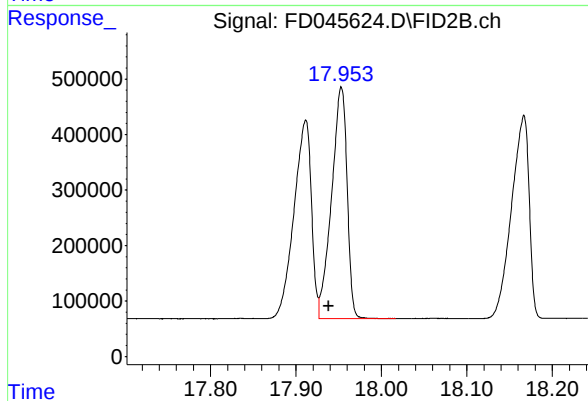
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.554 min
Delta R.T.: 0.013 min
Response: 5394659
Conc: 38.69 ug/ml



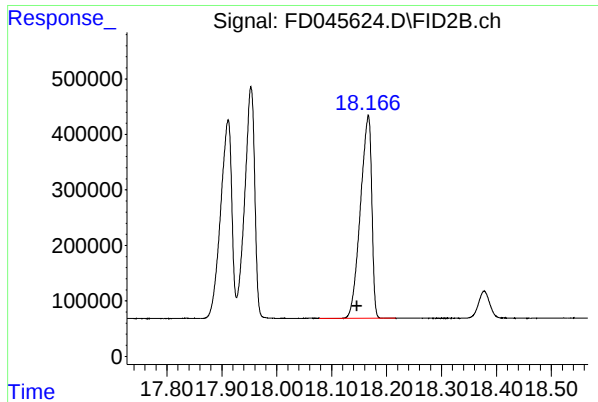
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.911 min
Delta R.T.: 0.015 min
Response: 5081920
Conc: 40.00 ug/ml



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

R.T.: 17.953 min
Delta R.T.: 0.015 min
Response: 5267871
Conc: 41.02 ug/ml



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

R.T.: 18.166 min
Delta R.T.: 0.020 min
Response: 5244210
Conc: 40.77 ug/ml

Instrument :
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ClientSampleId :
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