

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022725AR\
 Data File : FD049122.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2025 14:40
 Operator : YP/AJ
 Sample : Q1421-06
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CLAY-CF01-01MSD

Integration File: autoint1.e
 Quant Time: Feb 28 01:27:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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...	7.352	7560353	52.829 ug/ml
Spiked Amount 50.000		Recovery =	105.66%
6) S 2-Fluorobiphenyl (SURR)	8.203	4683693	53.277 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.55%
11) S ortho-Terphenyl (SURR)	11.237	7325391	45.282 ug/ml
Spiked Amount 50.000		Recovery =	90.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	6595022	41.412 ug/ml
2) T Naphthalene (C11.7)	5.694	6930516	43.646 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	6668796	42.833 ug/ml
5) T Acenaphthylene (C15.06)	8.005	7230720	44.468 ug/ml
7) T Acenaphthene (C15.5)	8.300	7741496	47.058 ug/ml
8) T Fluorene (C16.55)	9.078	7313580	46.391 ug/ml
9) T Phenanthrene (C19.36)	10.466	7092719	47.065 ug/ml
10) T Anthracene (C19.43)	10.542	7066276	46.788 ug/ml
12) T Fluoranthene (C21.85)	12.271	7124315	46.167 ug/ml
13) T Pyrene (C20.8)	12.563	7053829	45.787 ug/ml
14) T Benzo[a]anthracene (C...	14.434	6456102	49.137 ug/ml
15) T Chrysene (C27.41)	14.476	6357637	39.321 ug/ml
16) T benzo[b]fluoranthene ...	15.984	6403749	46.541 ug/ml
17) T Bnezo[k]fluoranthene ...	16.016	6492921	41.109 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.358	6211086	45.758 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	5722393	52.366 ug/ml
20) T Dibenz[a,h]anthracene...	17.762	6455927	41.614 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	6209398	42.838 ug/ml

(f)=RT Delta > 1/2 Window

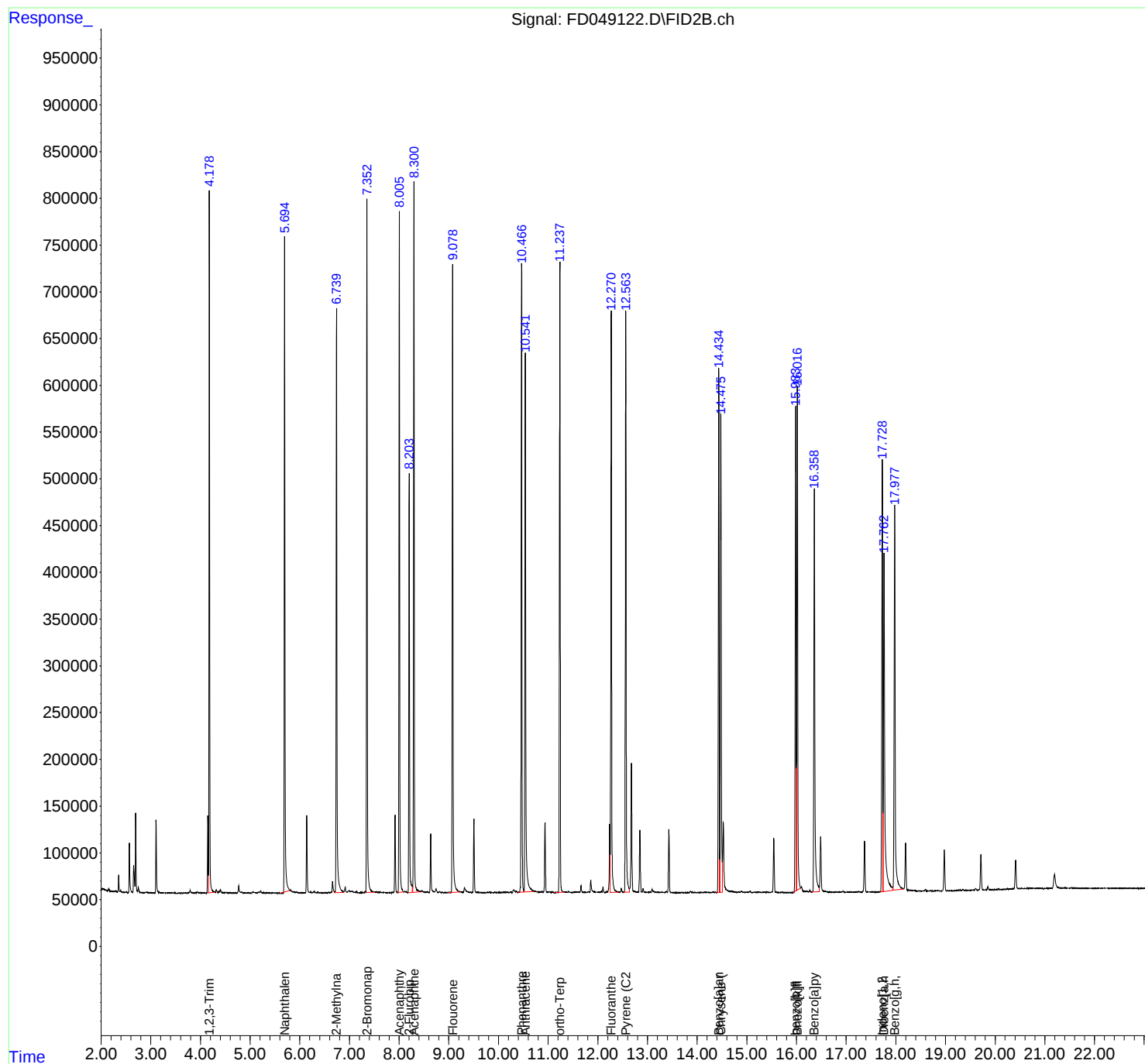
(m)=manual int.

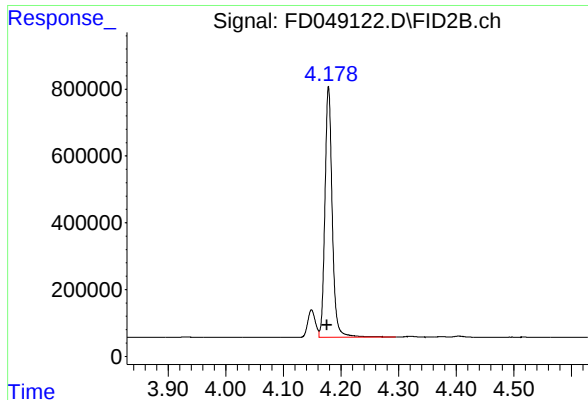
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Signal Phase : Rxi-1ms
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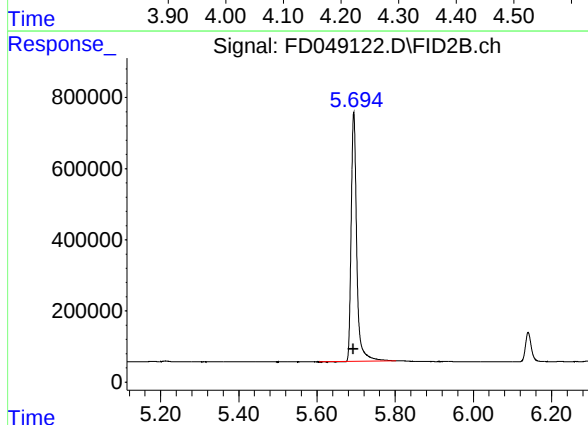




#1 1,2,3-Trimethylbenzene (C10.1)

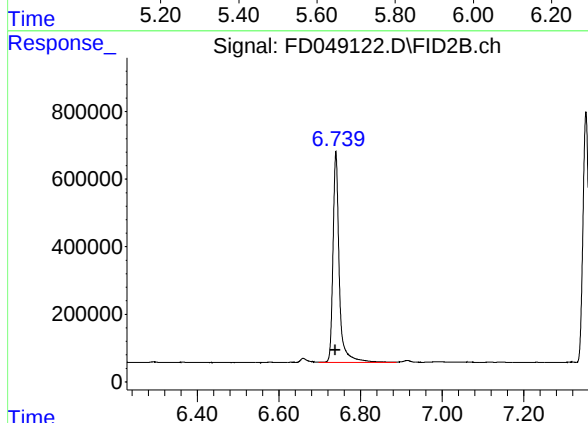
R.T.: 4.178 min
Delta R.T.: 0.002 min
Response: 6595022
Conc: 41.41 ug/ml

Instrument :
FID_D
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P001-CLAY-CF01-01MSD



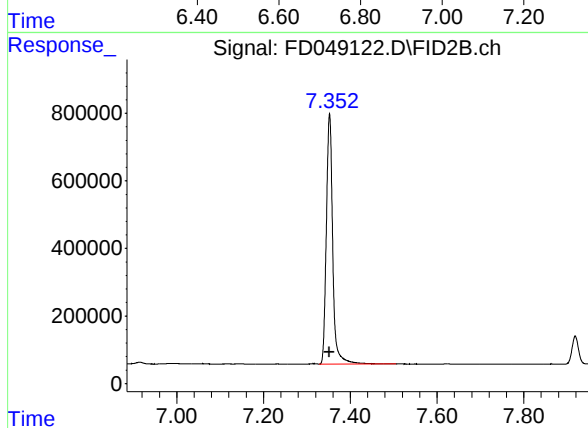
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 6930516
Conc: 43.65 ug/ml



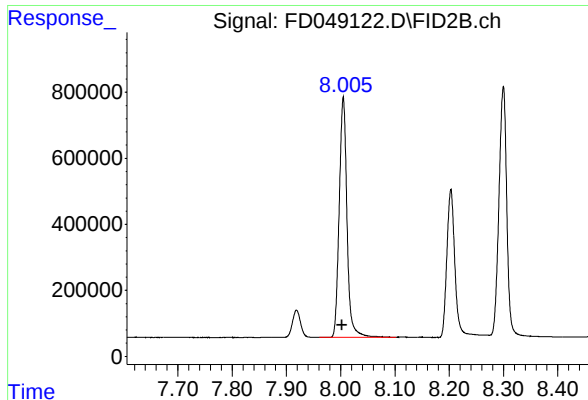
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 6668796
Conc: 42.83 ug/ml



#4 2-Bromonaphthalene (SURR)

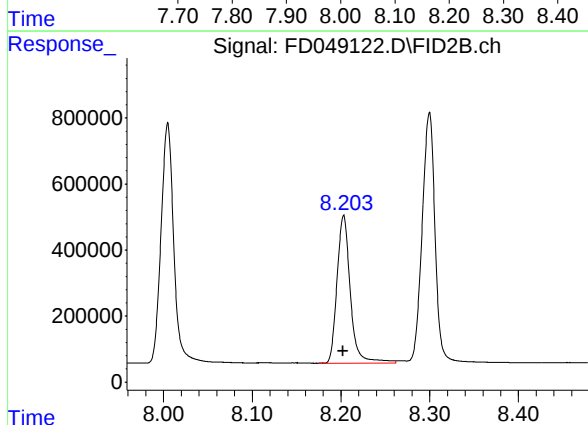
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 7560353
Conc: 52.83 ug/ml



#5 Acenaphthylene (C15.06)

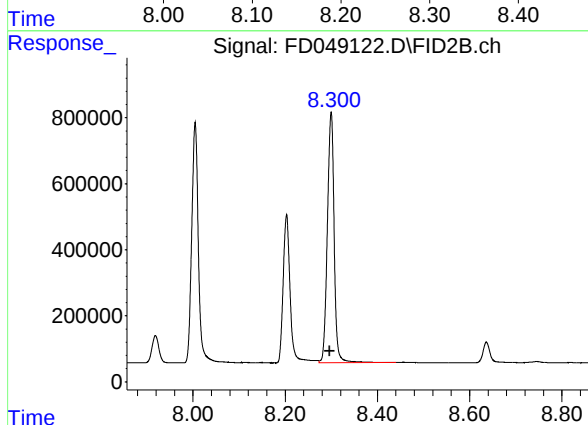
R.T.: 8.005 min
Delta R.T.: 0.002 min
Response: 7230720
Conc: 44.47 ug/ml

Instrument :
FID_D
ClientSampleId :
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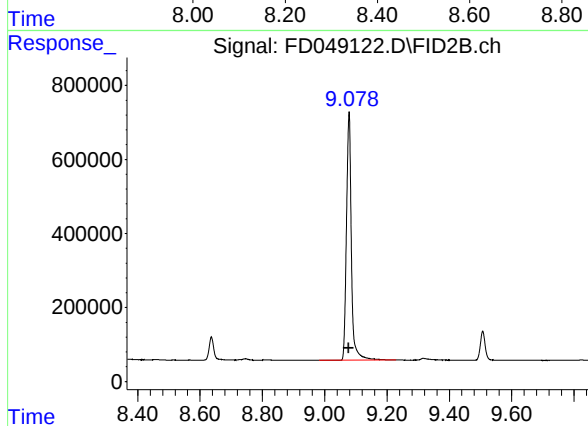
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 4683693
Conc: 53.28 ug/ml



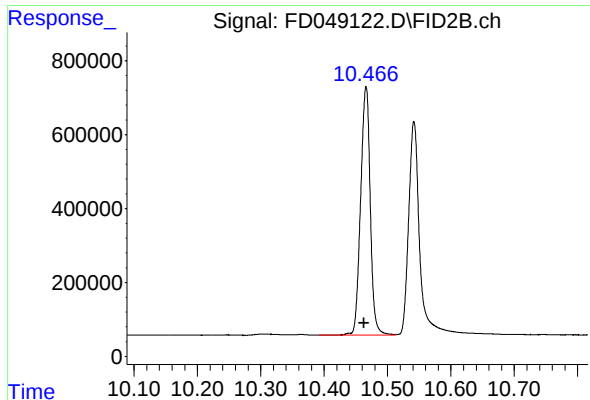
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: 0.004 min
Response: 7741496
Conc: 47.06 ug/ml



#8 Flouorene (C16.55)

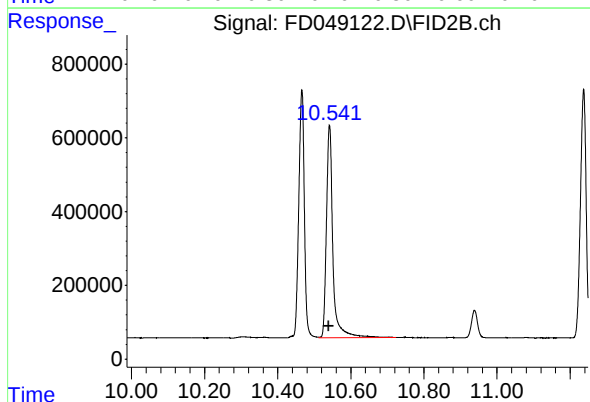
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 7313580
Conc: 46.39 ug/ml



#9 Phenanthrene (C19.36)

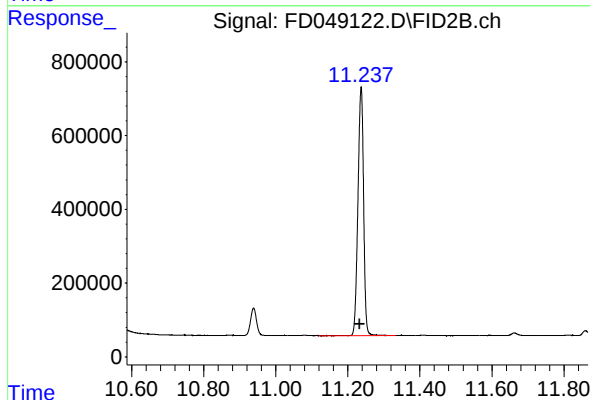
R.T.: 10.466 min
Delta R.T.: 0.003 min
Response: 7092719
Conc: 47.06 ug/ml

Instrument :
FID_D
ClientSampleId :
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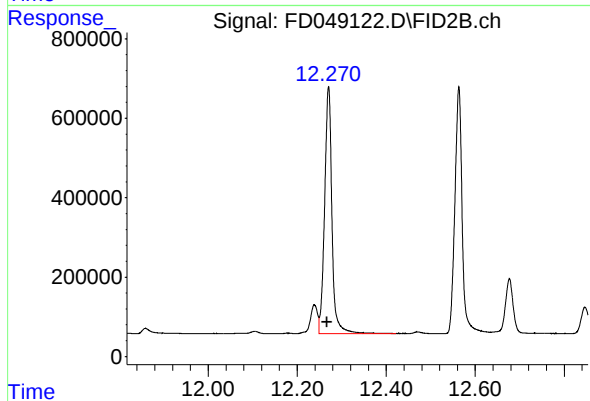
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: 0.002 min
Response: 7066276
Conc: 46.79 ug/ml



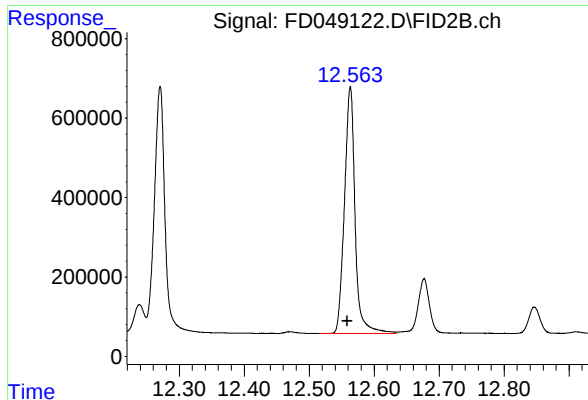
#11 ortho-Terphenyl (SURRE)

R.T.: 11.237 min
Delta R.T.: 0.004 min
Response: 7325391
Conc: 45.28 ug/ml



#12 Fluoranthene (C21.85)

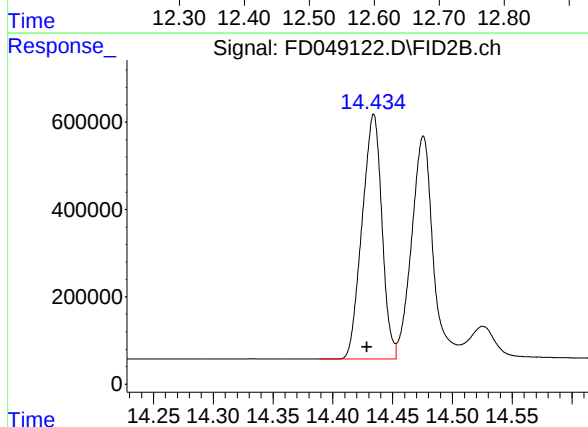
R.T.: 12.271 min
Delta R.T.: 0.004 min
Response: 7124315
Conc: 46.17 ug/ml



#13 Pyrene (C20.8)

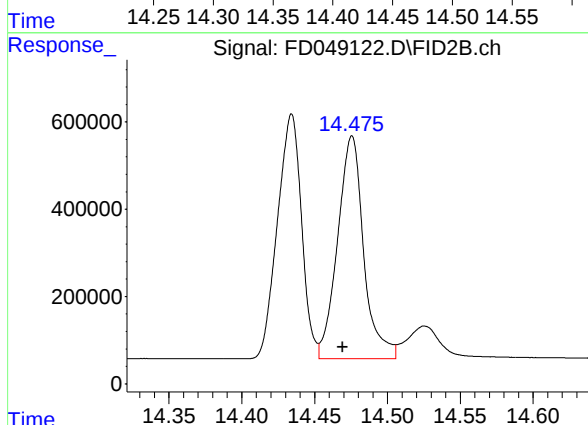
R.T.: 12.563 min
Delta R.T.: 0.005 min
Response: 7053829
Conc: 45.79 ug/ml

Instrument :
FID_D
ClientSampleId :
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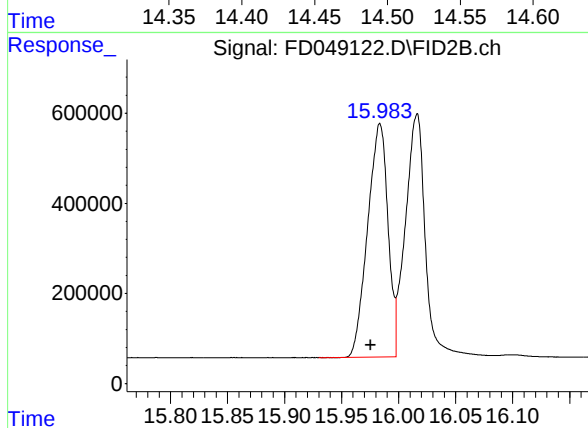
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: 0.006 min
Response: 6456102
Conc: 49.14 ug/ml



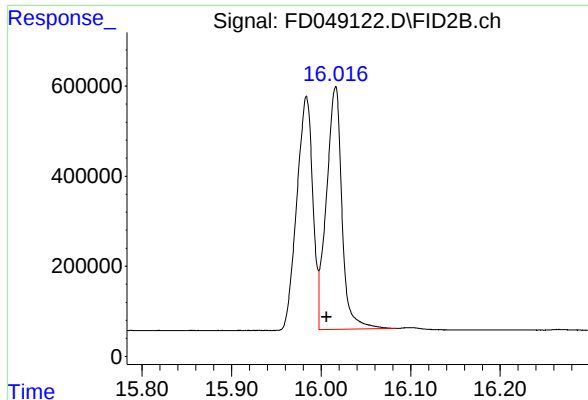
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.006 min
Response: 6357637
Conc: 39.32 ug/ml



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

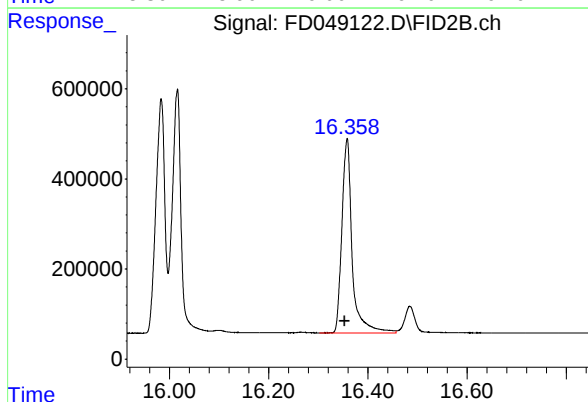
R.T.: 15.984 min
Delta R.T.: 0.008 min
Response: 6403749
Conc: 46.54 ug/ml



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

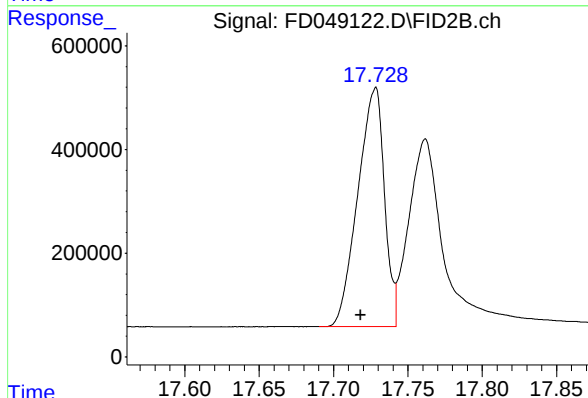
R.T.: 16.016 min
Delta R.T.: 0.010 min
Response: 6492921
Conc: 41.11 ug/ml

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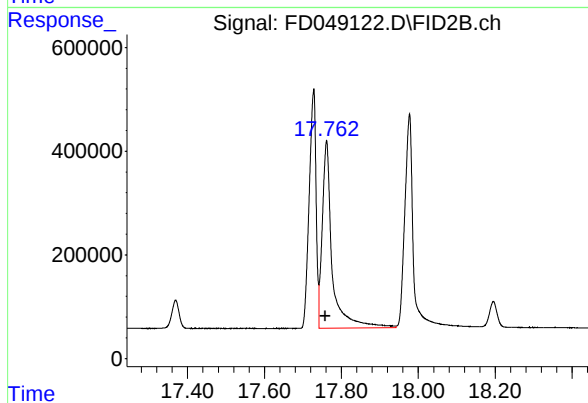
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.358 min
Delta R.T.: 0.005 min
Response: 6211086
Conc: 45.76 ug/ml



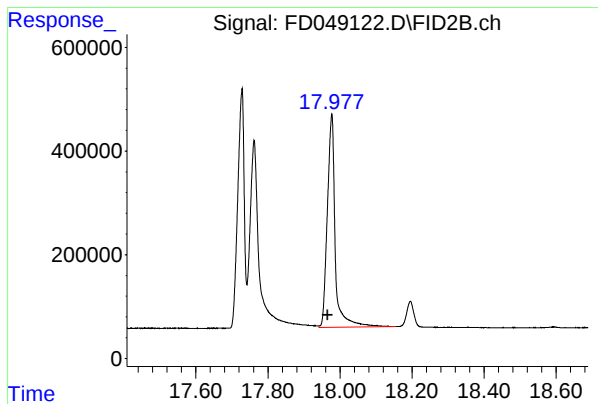
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min
Delta R.T.: 0.010 min
Response: 5722393
Conc: 52.37 ug/ml



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

R.T.: 17.762 min
Delta R.T.: 0.003 min
Response: 6455927
Conc: 41.61 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.011 min
Response: 6209398
Conc: 42.84 ug/ml

Instrument :

FID_D

ClientSampleId :

P001-CLAY-CF01-01MSD