

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121024AR\
 Data File : FD048864.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2024 04:12
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 10 06:01:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 05:59:54 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...	7.363	3388201	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.213	2136555	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.247	3581810	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	3799863	20.000 ug/ml
2) T Naphthalene (C11.7)	5.703	3904840	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	3719679	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.014	3748378	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.308	3705723	20.000 ug/ml
8) T Fluorene (C16.55)	9.088	3625415	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.475	3373709	20.000 ug/ml
10) T Anthracene (C19.43)	10.551	3428584	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.279	3317711	20.000 ug/ml
13) T Pyrene (C20.8)	12.572	3247748	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.441	2785295	20.000 ug/ml
15) T Chrysene (C27.41)	14.482	3157073	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.988	2791784	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.020	2966008	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.366	2793165	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	2136680	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	3027849	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	2831954	20.000 ug/ml

(f)=RT Delta > 1/2 Window

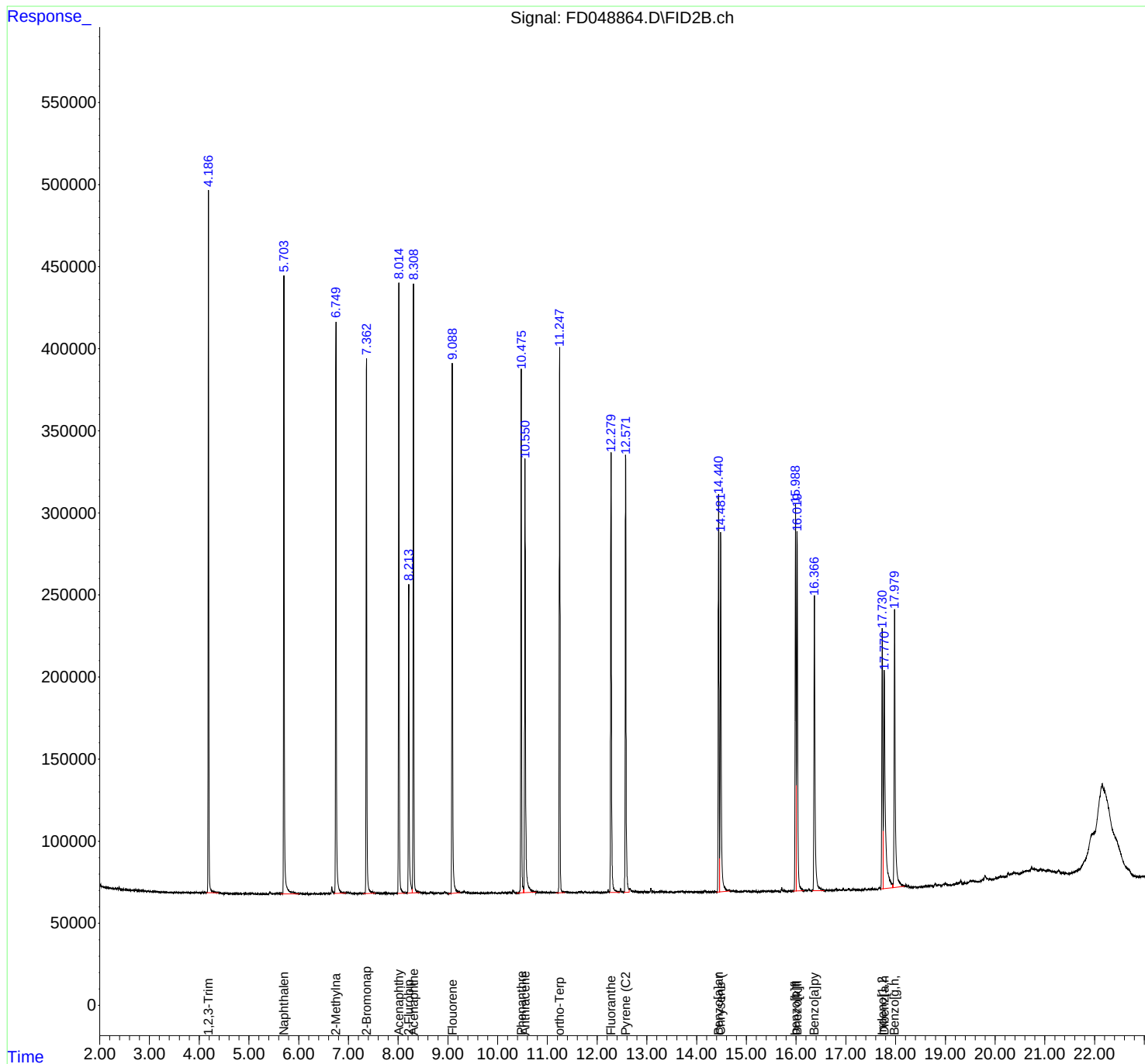
(m)=manual int.

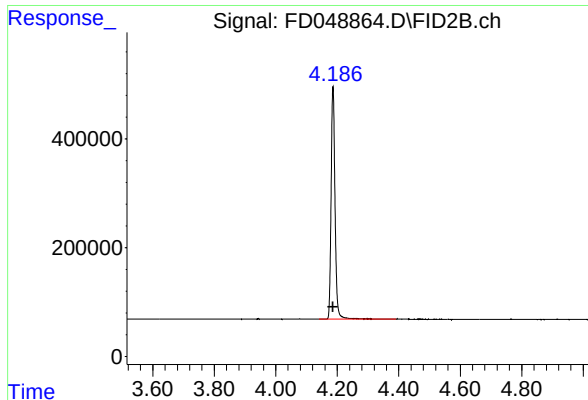
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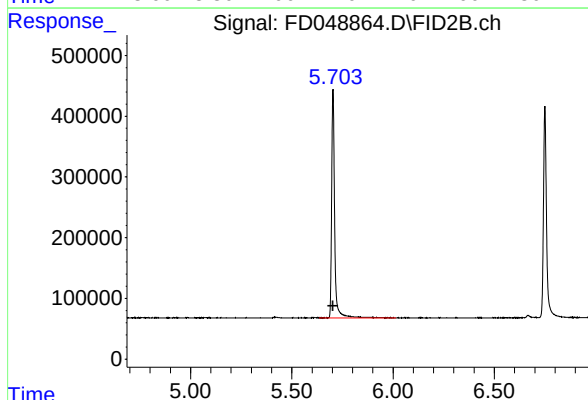




#1 1,2,3-Trimethylbenzene (C10.1)

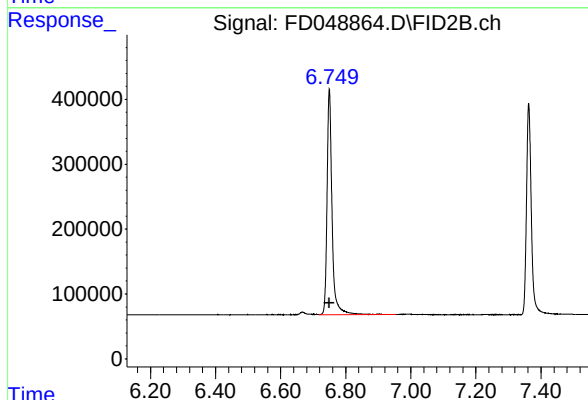
R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 3799863
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



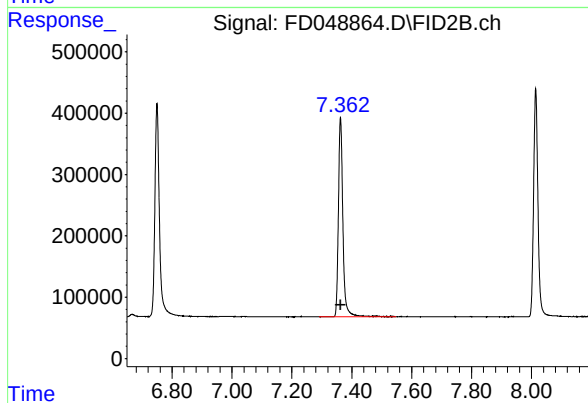
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 3904840
Conc: 20.00 ug/ml



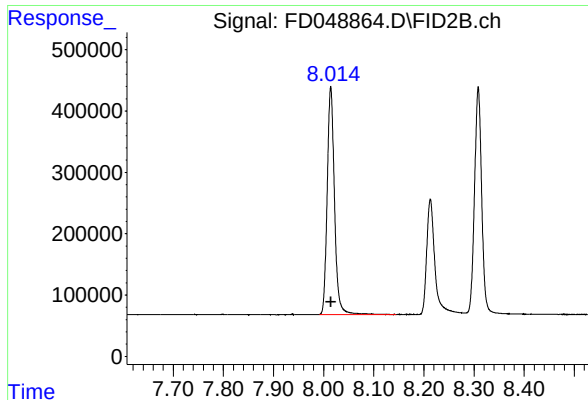
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 3719679
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

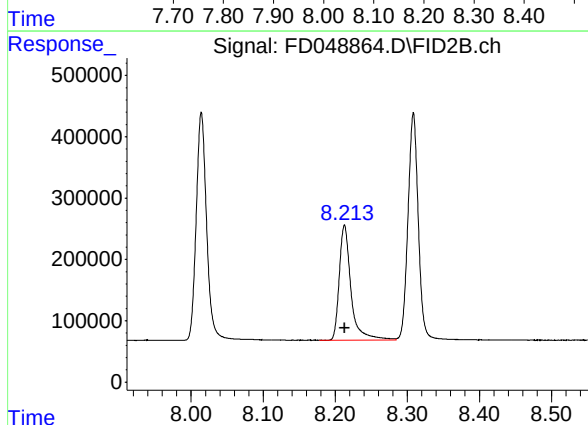
R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 3388201
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

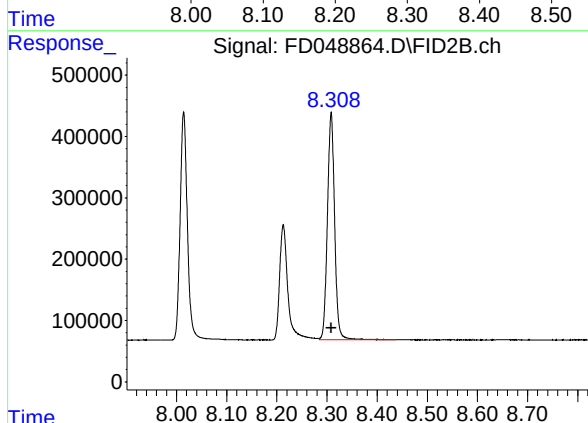
R.T.: 8.014 min
Delta R.T.: 0.000 min
Response: 3748378
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



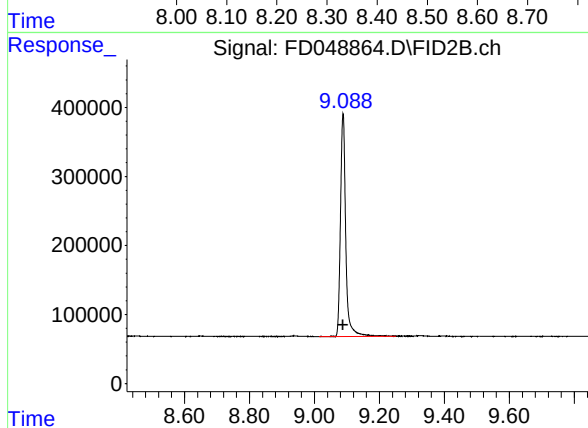
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 2136555
Conc: 20.00 ug/ml



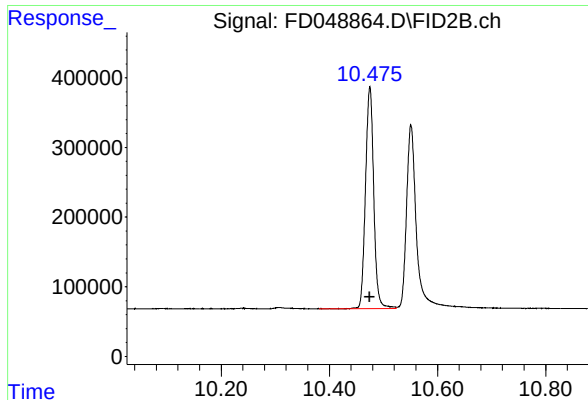
#7 Acenaphthene (C15.5)

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 3705723
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

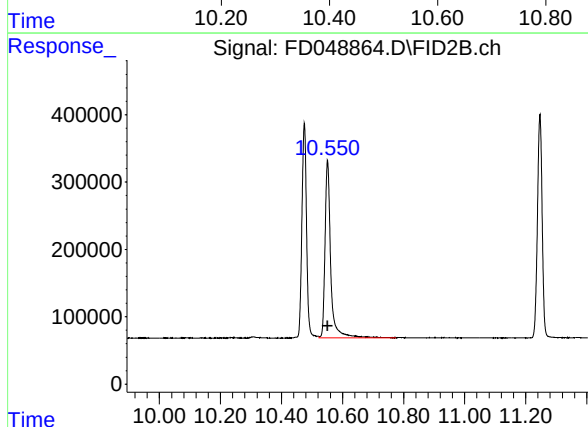
R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 3625415
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

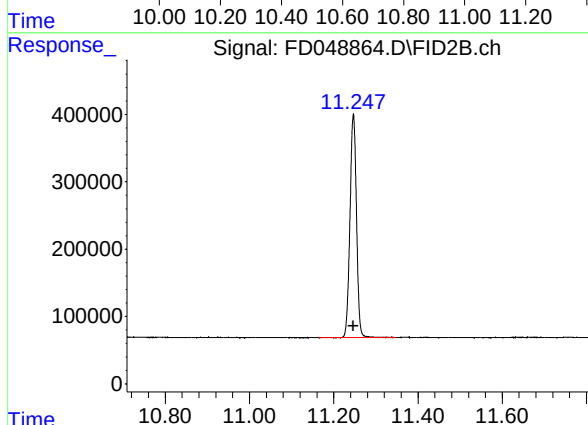
R.T.: 10.475 min
Delta R.T.: 0.000 min
Response: 3373709
Conc: 20.00 ug/ml

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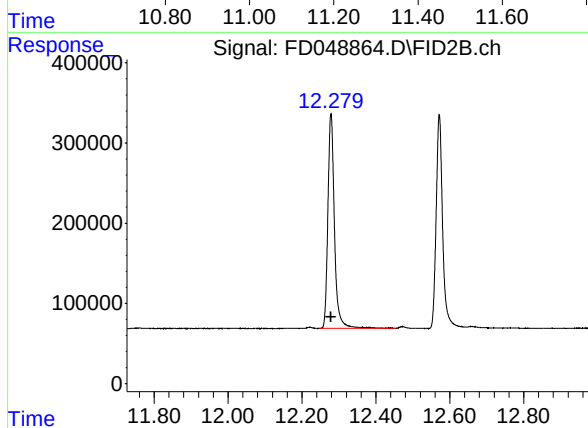
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.000 min
Response: 3428584
Conc: 20.00 ug/ml



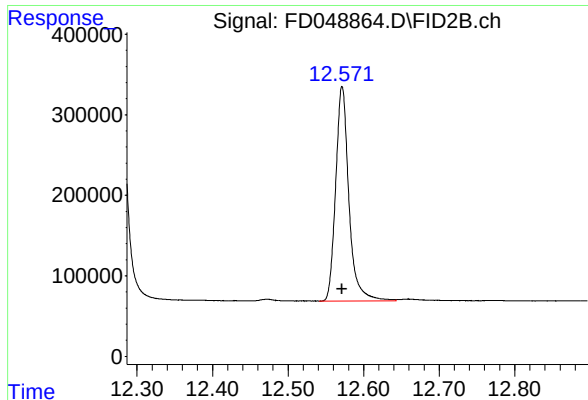
#11 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 3581810
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

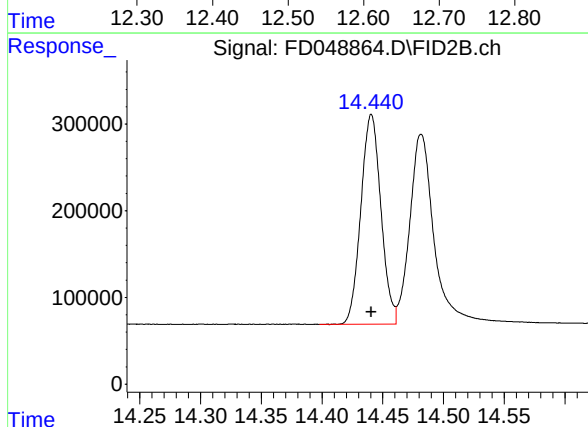
R.T.: 12.279 min
Delta R.T.: 0.000 min
Response: 3317711
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

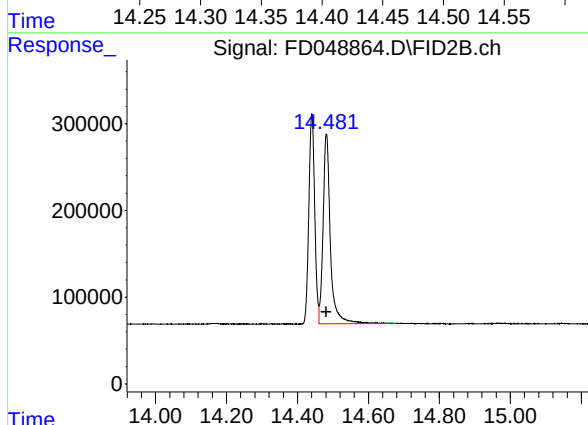
R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 3247748
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



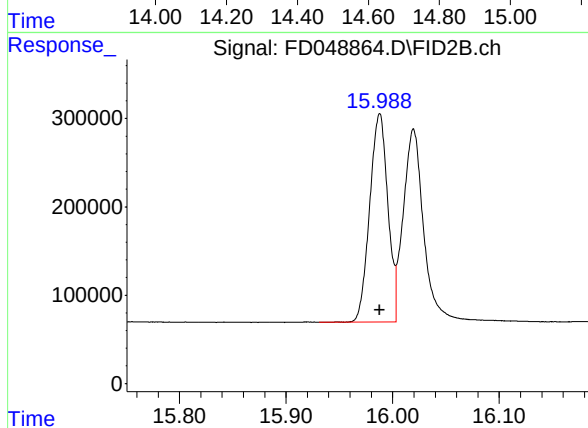
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: 0.000 min
Response: 2785295
Conc: 20.00 ug/ml



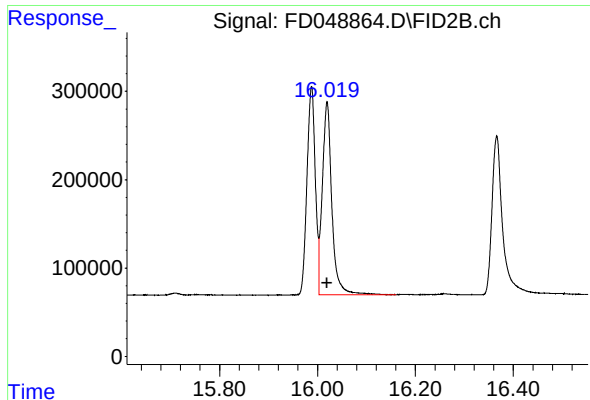
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: 0.000 min
Response: 3157073
Conc: 20.00 ug/ml



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

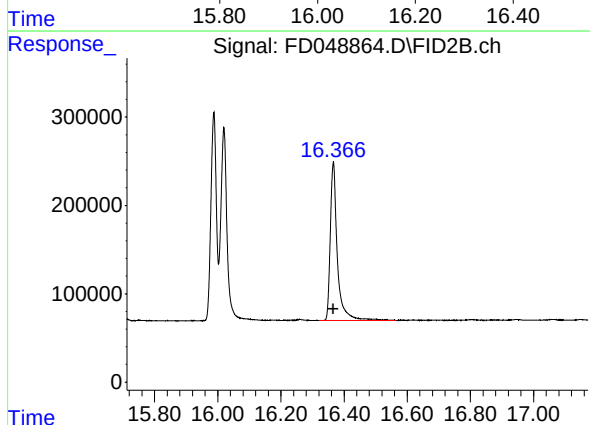
R.T.: 15.988 min
Delta R.T.: 0.000 min
Response: 2791784
Conc: 20.00 ug/ml



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

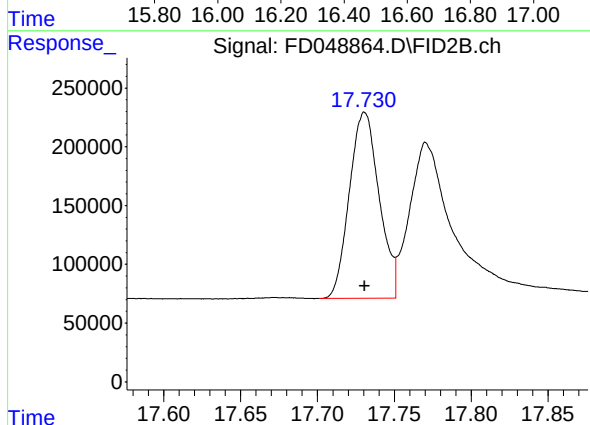
R.T.: 16.020 min
Delta R.T.: 0.000 min
Response: 2966008
Conc: 20.00 ug/ml

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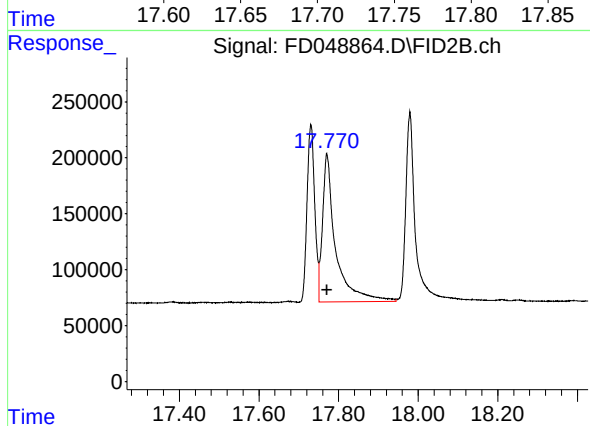
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.366 min
Delta R.T.: 0.000 min
Response: 2793165
Conc: 20.00 ug/ml



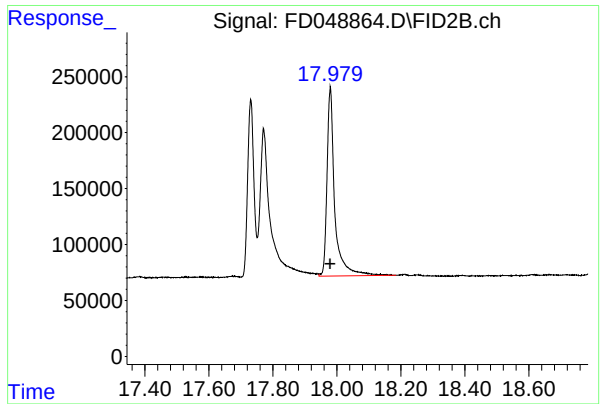
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: 0.000 min
Response: 2136680
Conc: 20.00 ug/ml



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

R.T.: 17.771 min
Delta R.T.: 0.000 min
Response: 3027849
Conc: 20.00 ug/ml



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

R.T.: 17.979 min

Delta R.T.: 0.000 min

Response: 2831954

Conc: 20.00 ug/ml

Instrument :

FID_D

ClientSampleId :

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