

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049171.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 10:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 10 02:42:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:40:35 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...	7.353	3003741	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.205	1705526	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.233	3427918	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3284793	20.000 ug/ml
2) T Naphthalene (C11.7)	5.694	3321667	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	3298646	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3398349	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.296	3543133	20.000 ug/ml
8) T Fluorene (C16.55)	9.078	3253814	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.464	3142000	20.000 ug/ml
10) T Anthracene (C19.43)	10.543	3075426	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.269	3234097	20.000 ug/ml
13) T Pyrene (C20.8)	12.561	3158668	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.432	2559257	20.000 ug/ml
15) T Chrysene (C27.41)	14.473	2658693	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.979	2751604	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.011	3134345	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	2727939	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	1797041	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	2522990	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.974	2576534	20.000 ug/ml

(f)=RT Delta > 1/2 Window

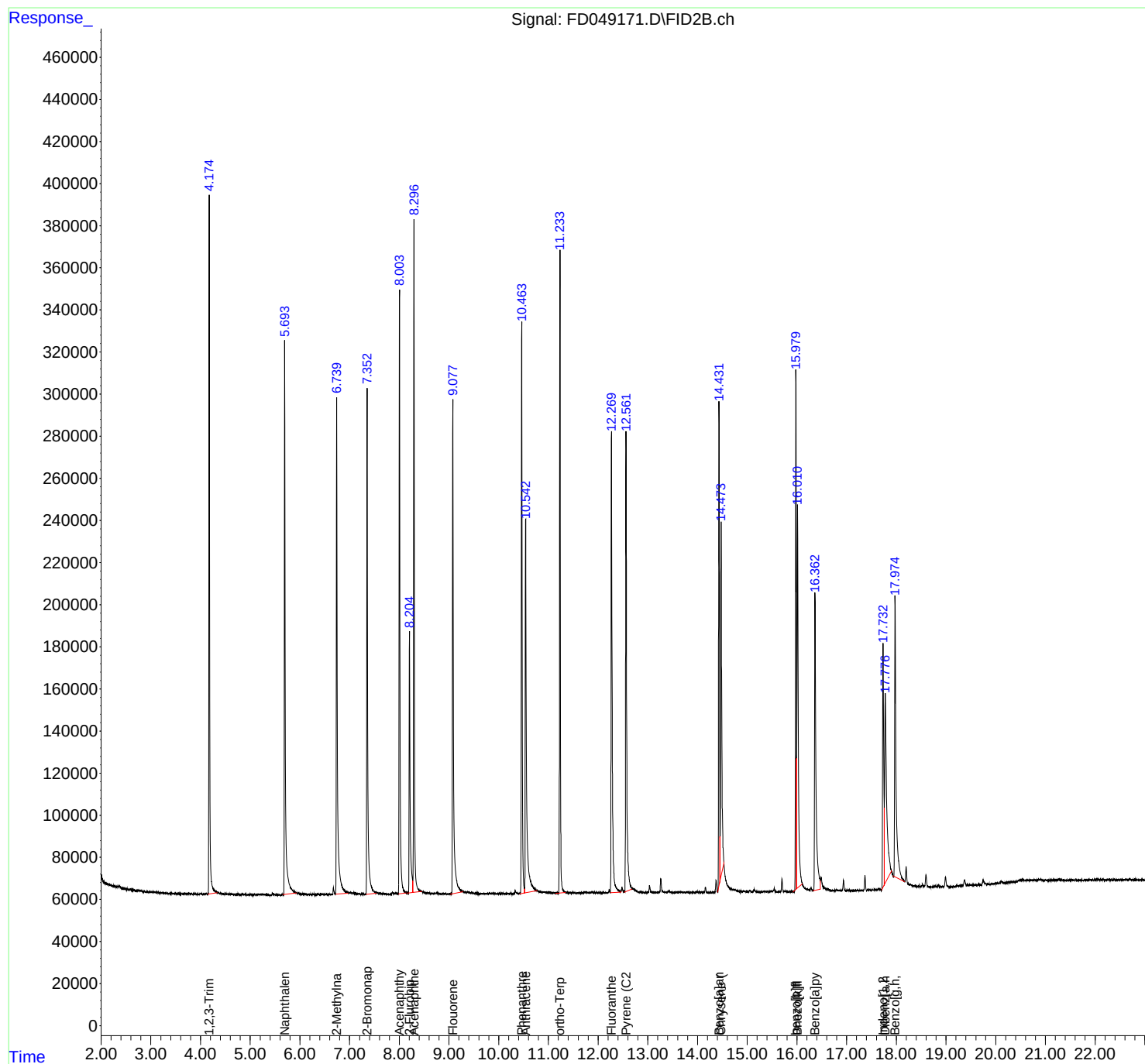
(m)=manual int.

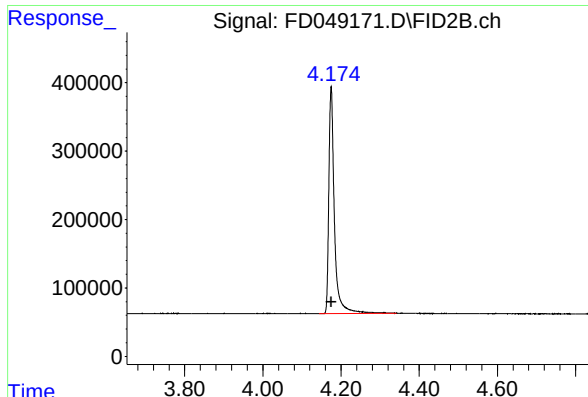
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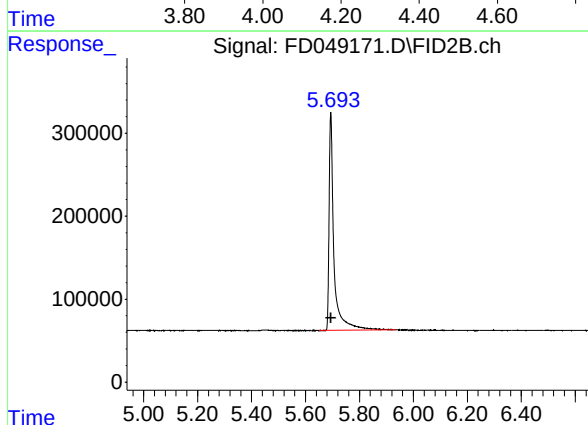




#1 1,2,3-Trimethylbenzene (C10.1)

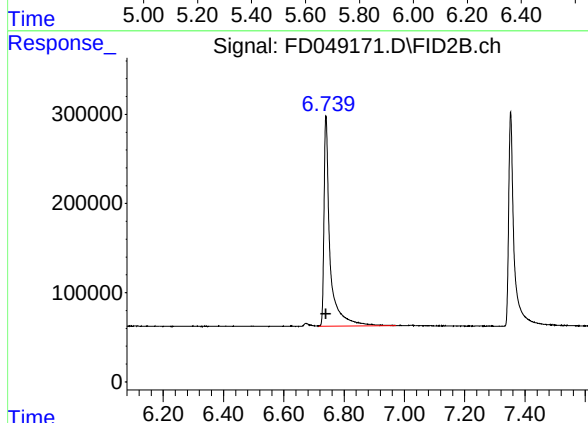
R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 3284793
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



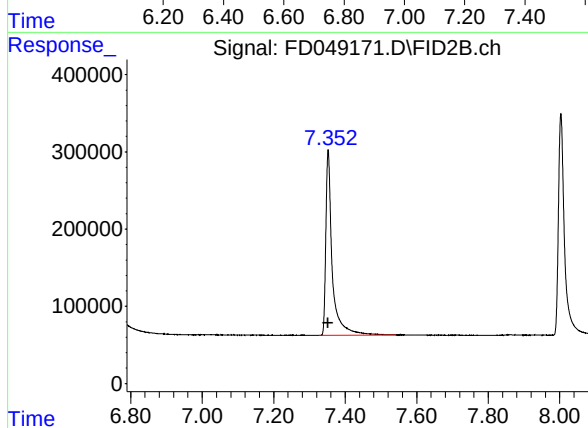
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 3321667
Conc: 20.00 ug/ml



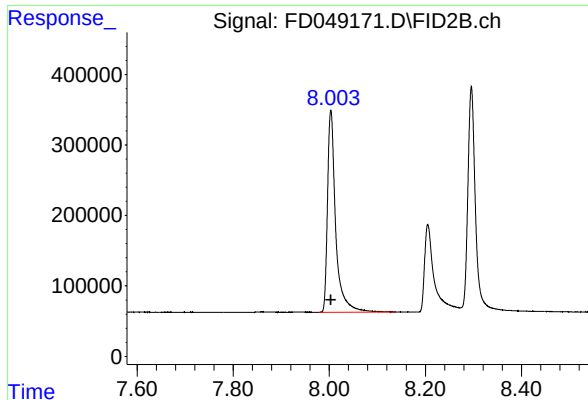
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 3298646
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

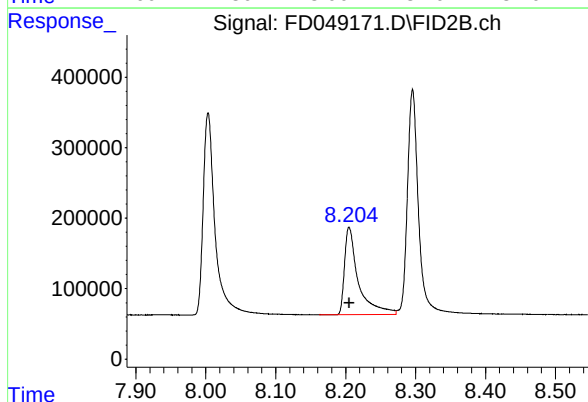
R.T.: 7.353 min
Delta R.T.: 0.000 min
Response: 3003741
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

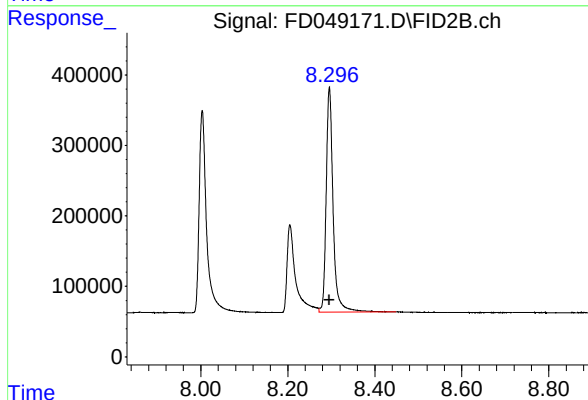
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3398349
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



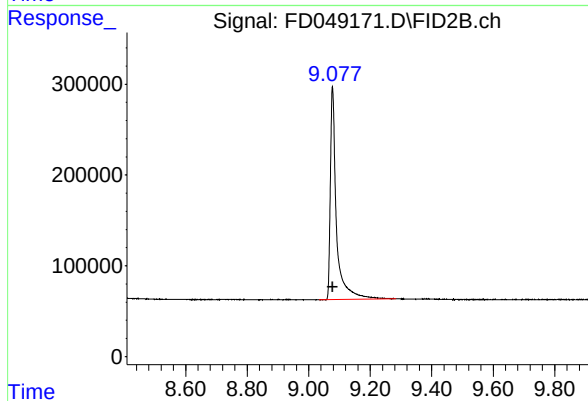
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 1705526
Conc: 20.00 ug/ml



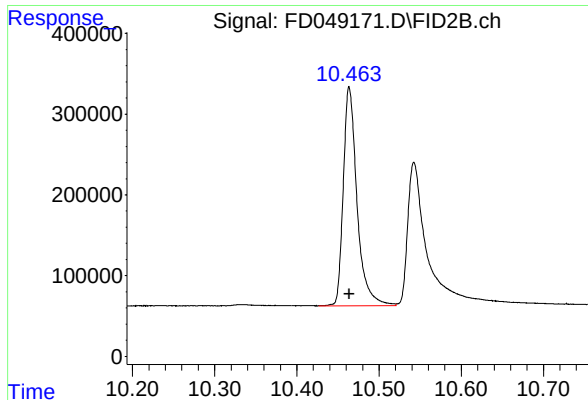
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3543133
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

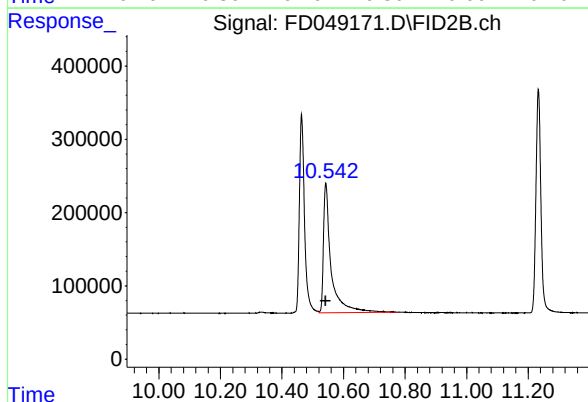
R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 3253814
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

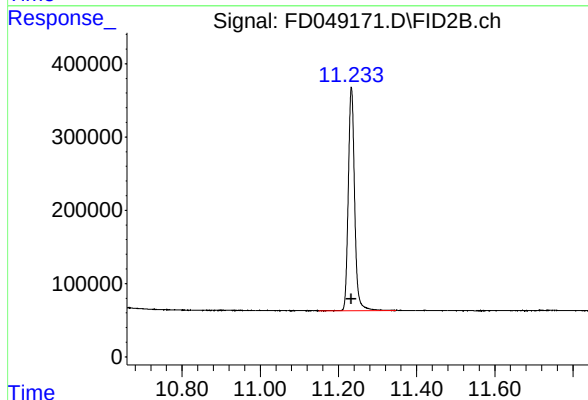
R.T.: 10.464 min
Delta R.T.: 0.000 min
Response: 3142000
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



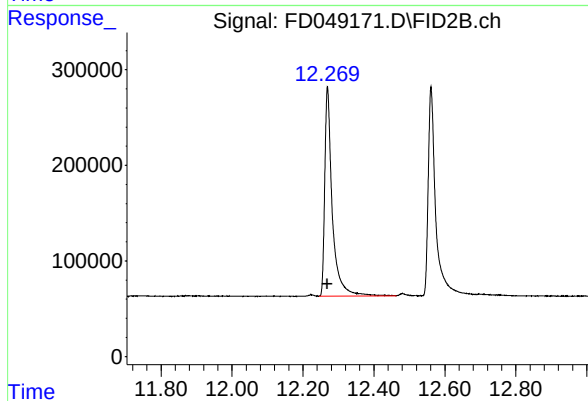
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.000 min
Response: 3075426
Conc: 20.00 ug/ml



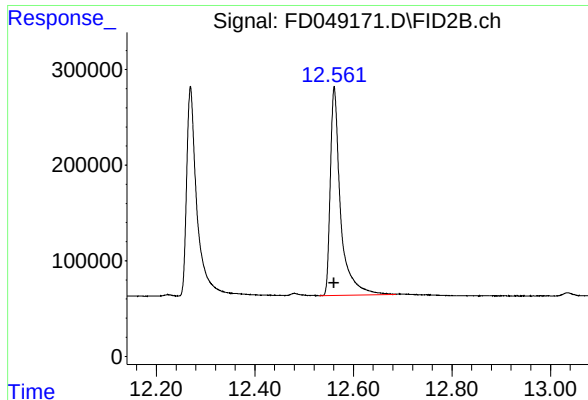
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 3427918
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

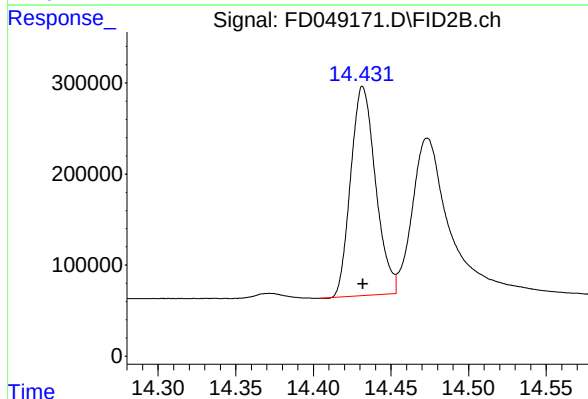
R.T.: 12.269 min
Delta R.T.: 0.000 min
Response: 3234097
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

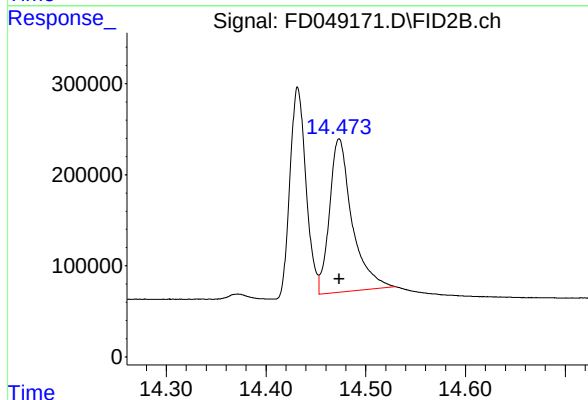
R.T.: 12.561 min
Delta R.T.: 0.000 min
Response: 3158668
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



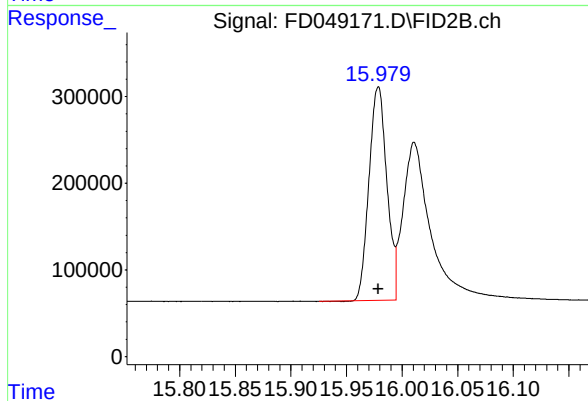
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: 0.000 min
Response: 2559257
Conc: 20.00 ug/ml



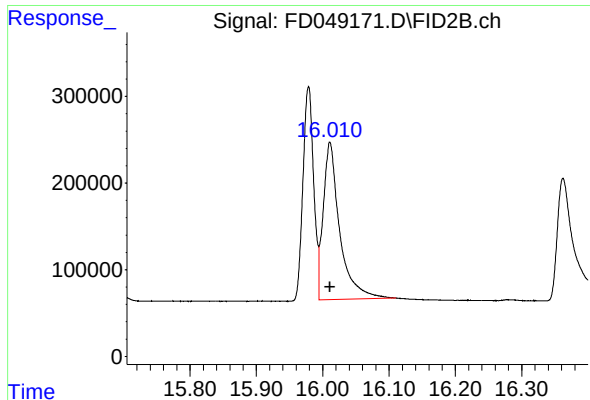
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: 0.000 min
Response: 2658693
Conc: 20.00 ug/ml



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

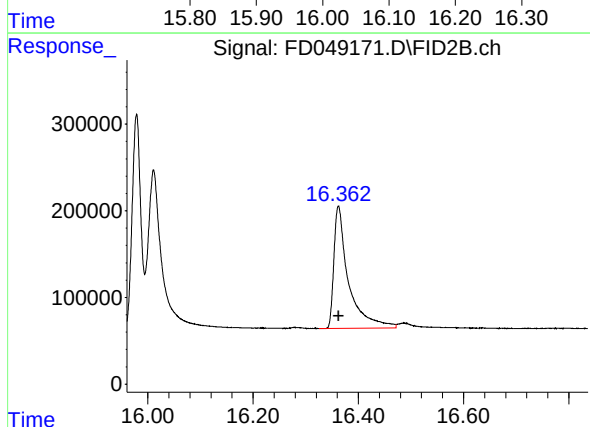
R.T.: 15.979 min
Delta R.T.: 0.000 min
Response: 2751604
Conc: 20.00 ug/ml



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

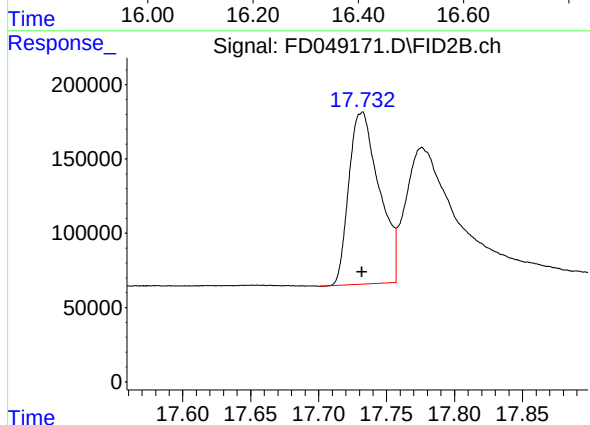
R.T.: 16.011 min
Delta R.T.: 0.000 min
Response: 3134345
Conc: 20.00 ug/ml

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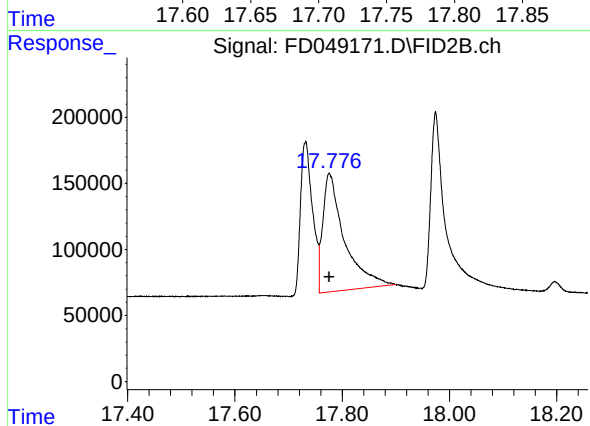
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 2727939
Conc: 20.00 ug/ml



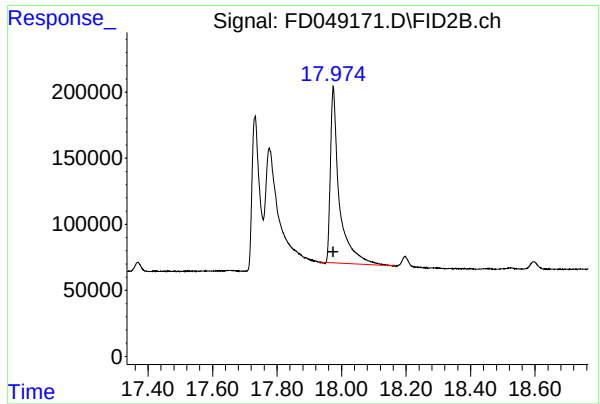
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: 0.000 min
Response: 1797041
Conc: 20.00 ug/ml



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

R.T.: 17.776 min
Delta R.T.: 0.000 min
Response: 2522990
Conc: 20.00 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.000 min
Response: 2576534
Conc: 20.00 ug/ml

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