

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AR\
 Data File : FG015007.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 15:21
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 20 15:38:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 15:37:30 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...	8.000	2554815	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.878	1775591	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.957	3011644	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.590	2666571	20.000 ug/ml
2) T Naphthalene (C11.7)	6.268	2805026	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2793703	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.677	2916565	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.978	2843231	20.000 ug/ml
8) T Flouorene (C16.55)	9.771	2937714	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.183	2942835	20.000 ug/ml
10) T Anthracene (C19.43)	11.258	2873613	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.011	3001585	20.000 ug/ml
13) T Pyrene (C20.8)	13.311	2994288	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.197	2979269	20.000 ug/ml
15) T Chrysene (C27.41)	15.240	2962459	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.760	2952959	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.792	2942583	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.140	2796004	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.514	2621653	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.556	2856501	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.772	2742782	20.000 ug/ml

(f)=RT Delta > 1/2 Window

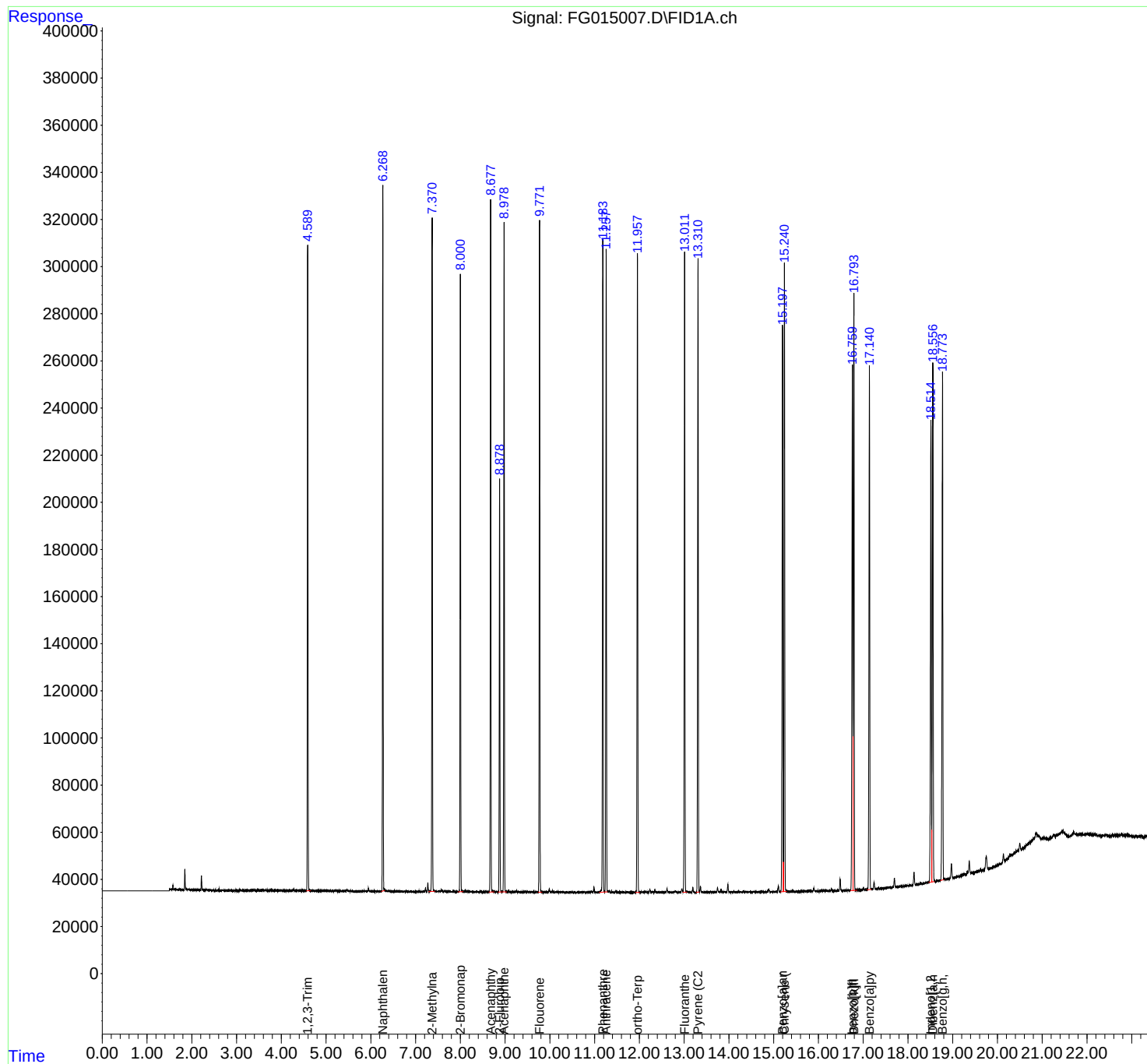
(m)=manual int.

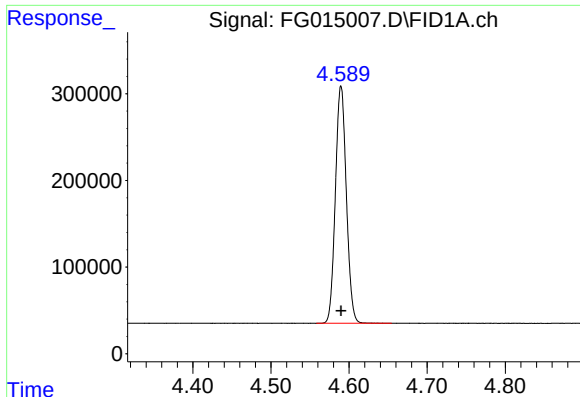
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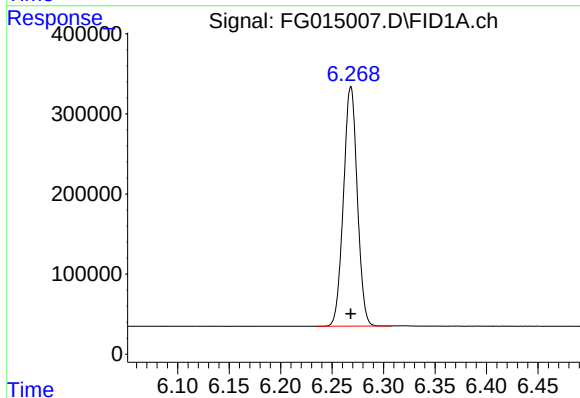




#1 1,2,3-Trimethylbenzene (C10.1)

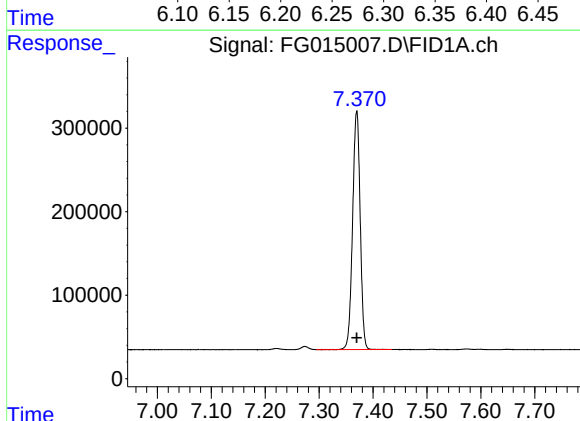
R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 2666571
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



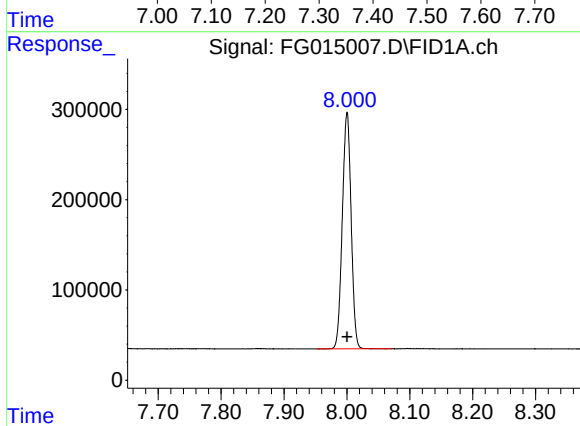
#2 Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 2805026
Conc: 20.00 ug/ml



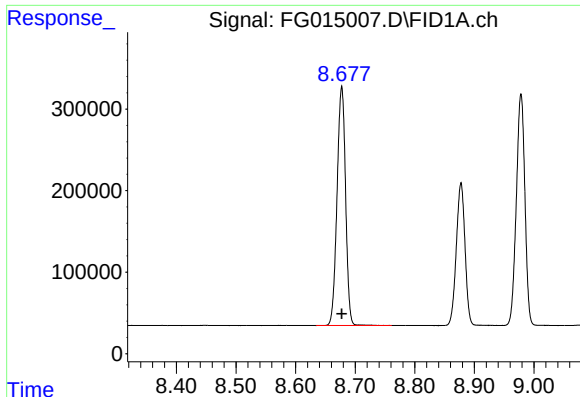
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2793703
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

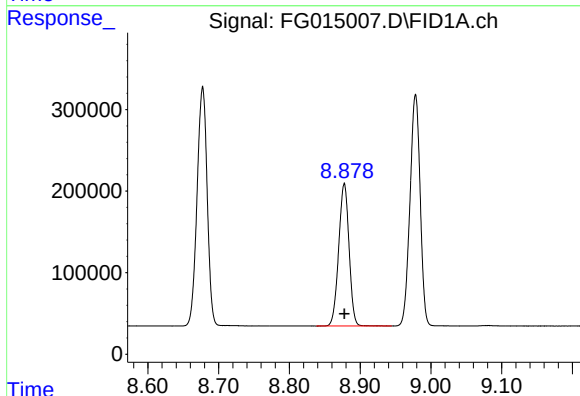
R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 2554815
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

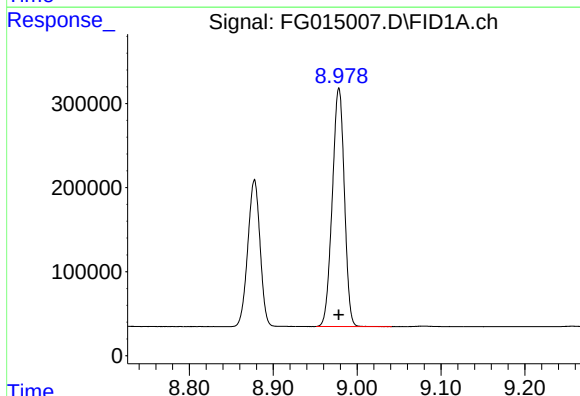
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2916565
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



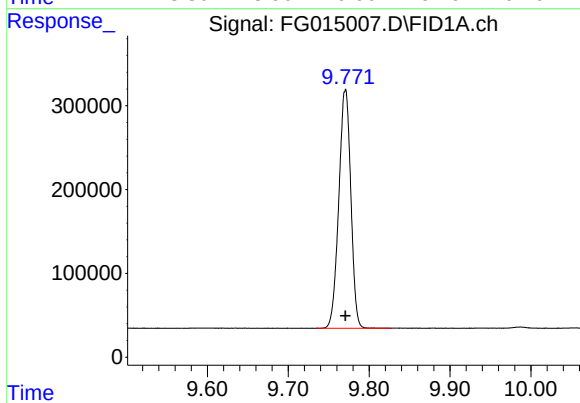
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 1775591
Conc: 20.00 ug/ml



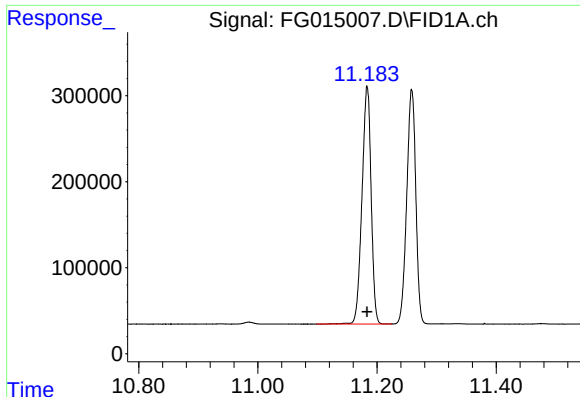
#7 Acenaphthene (C15.5)

R.T.: 8.978 min
Delta R.T.: 0.000 min
Response: 2843231
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

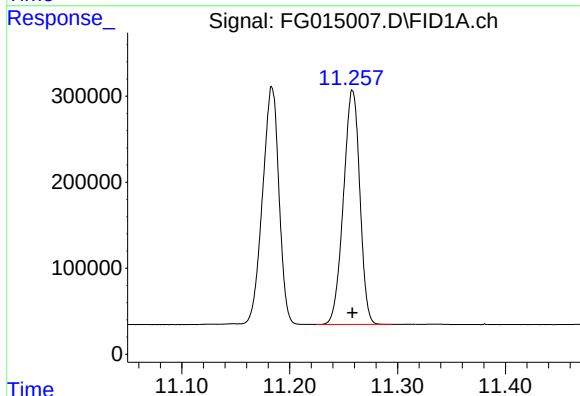
R.T.: 9.771 min
Delta R.T.: 0.000 min
Response: 2937714
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

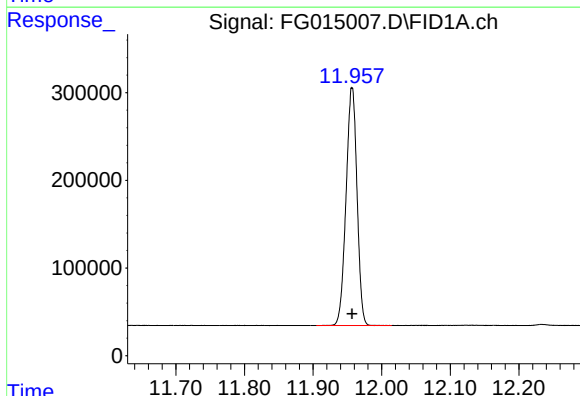
R.T.: 11.183 min
Delta R.T.: 0.000 min
Response: 2942835
Conc: 20.00 ug/ml

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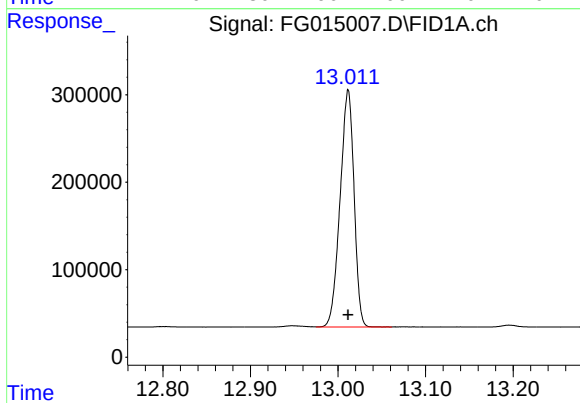
#10 Anthracene (C19.43)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 2873613
Conc: 20.00 ug/ml



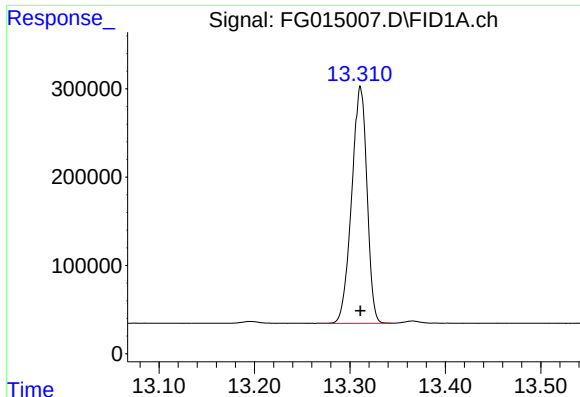
#11 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: 0.000 min
Response: 3011644
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

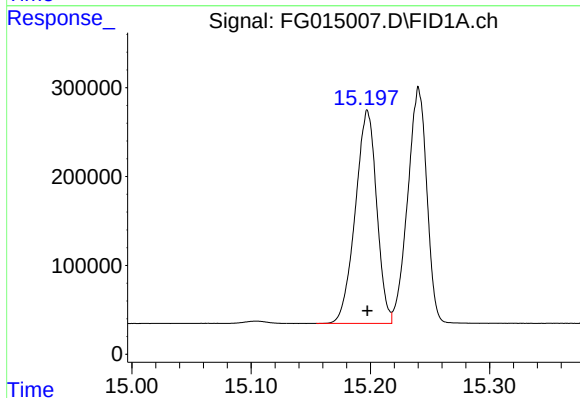
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 3001585
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

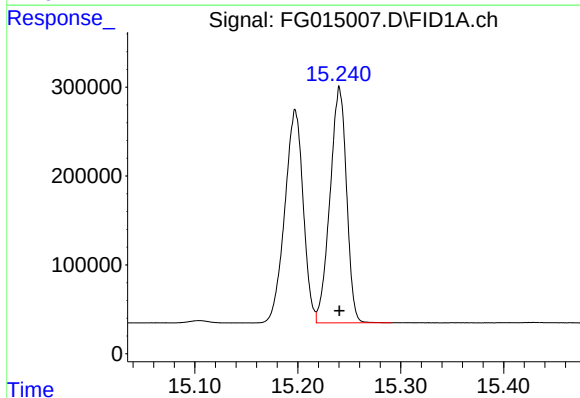
R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 2994288
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD3



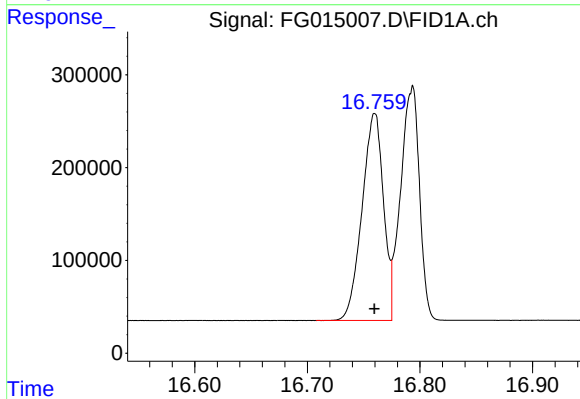
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.197 min
Delta R.T.: 0.000 min
Response: 2979269
Conc: 20.00 ug/ml



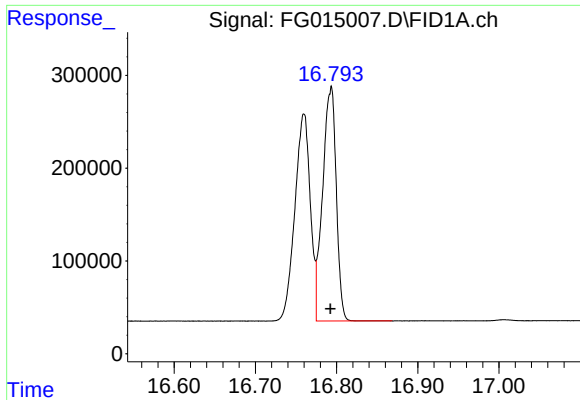
#15 Chrysene (C27.41)

R.T.: 15.240 min
Delta R.T.: 0.000 min
Response: 2962459
Conc: 20.00 ug/ml



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

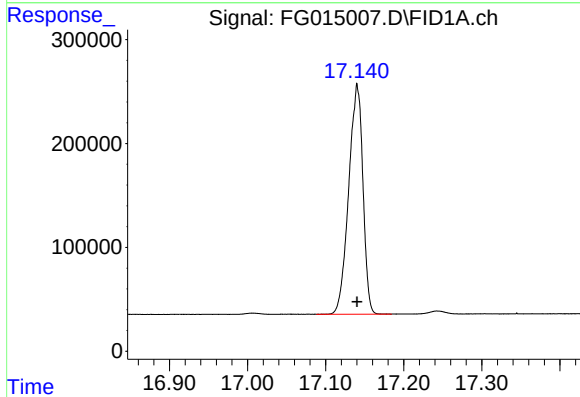
R.T.: 16.760 min
Delta R.T.: 0.000 min
Response: 2952959
Conc: 20.00 ug/ml



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

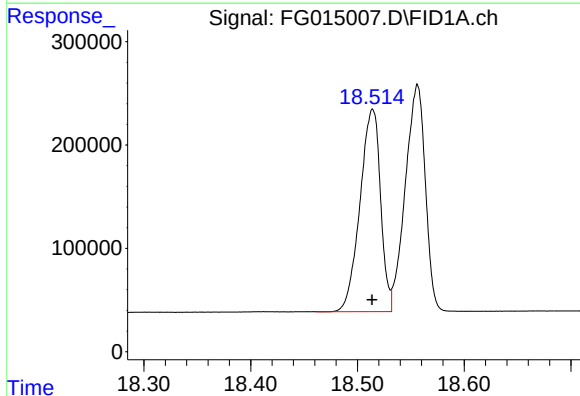
R.T.: 16.792 min
Delta R.T.: 0.000 min
Response: 2942583
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



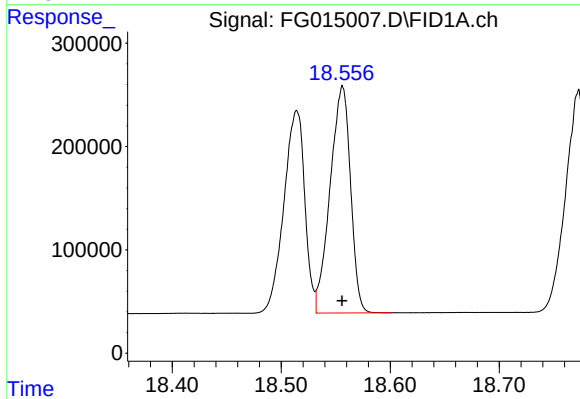
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.140 min
Delta R.T.: 0.000 min
Response: 2796004
Conc: 20.00 ug/ml



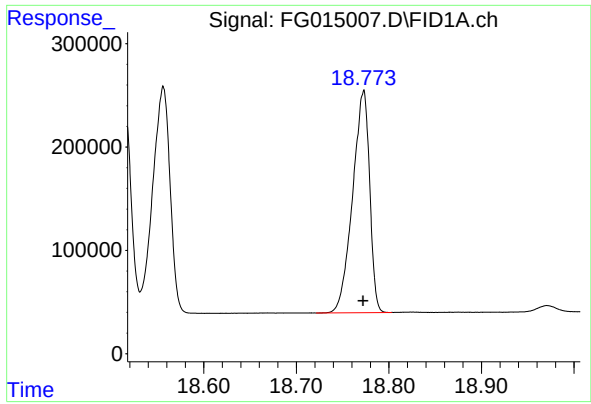
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.514 min
Delta R.T.: 0.000 min
Response: 2621653
Conc: 20.00 ug/ml



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

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 2856501
Conc: 20.00 ug/ml



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

R.T.: 18.772 min
Delta R.T.: 0.000 min
Response: 2742782
Conc: 20.00 ug/ml

Instrument :
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