

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092525AR\
 Data File : FD049762.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 20:51
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 26 08:21:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.697	2261185	20.106 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
6) S 2-Fluorobiphenyl (SURR)	8.562	1627738	20.278 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.56%
11) S ortho-Terphenyl (SURR)	11.610	2929157	20.703 ug/ml
Spiked Amount 50.000		Recovery =	41.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	2085309	19.353 ug/ml
2) T Naphthalene (C11.7)	6.032	2471655	19.875 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	2614070	20.057 ug/ml
5) T Acenaphthylene (C15.06)	8.365	2781625	20.064 ug/ml
7) T Acenaphthene (C15.5)	8.661	2784386	20.086 ug/ml
8) T Flouorene (C16.55)	9.443	2820766	20.335 ug/ml
9) T Phenanthrene (C19.36)	10.841	2851428	20.469 ug/ml
10) T Anthracene (C19.43)	10.916	2618212	19.829 ug/ml
12) T Fluoranthene (C21.85)	12.656	2805101	20.829 ug/ml
13) T Pyrene (C20.8)	12.954	2774107	20.854 ug/ml
14) T Benzo[a]anthracene (C...	14.827	2452694	20.510 ug/ml
15) T Chrysene (C27.41)	14.870	2502912	20.574 ug/ml
16) T benzo[b]fluoranthene ...	16.378	2434489	20.310 ug/ml
17) T Bnezo[k]fluoranthene ...	16.411	2282210	20.255 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.757	2344137	19.976 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.121	2132024	19.597 ug/ml
20) T Dibenz[a,h]anthracene...	18.162	2307823	20.253 ug/ml
21) T Benzo[g,h,i]perylene ...	18.378	2287817	19.662 ug/ml

(f)=RT Delta > 1/2 Window

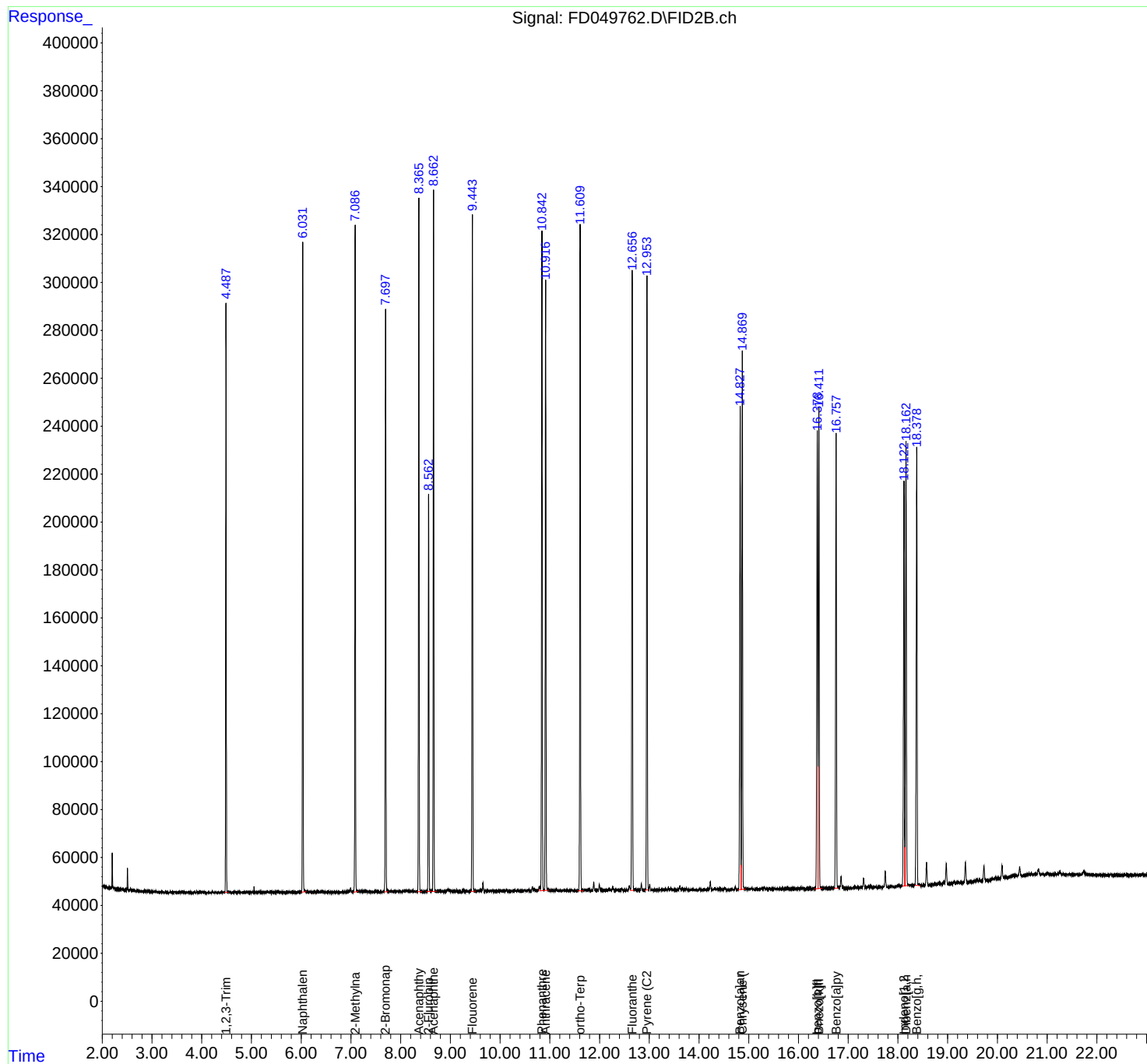
(m)=manual int.

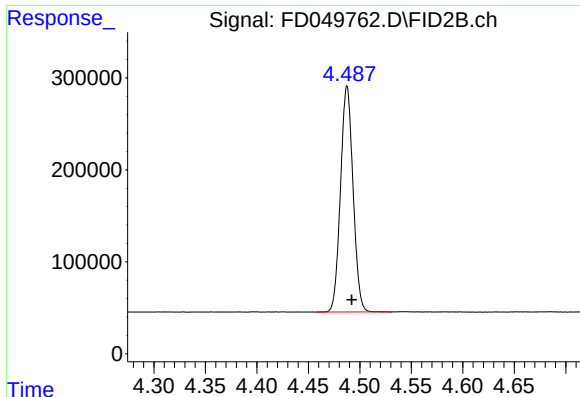
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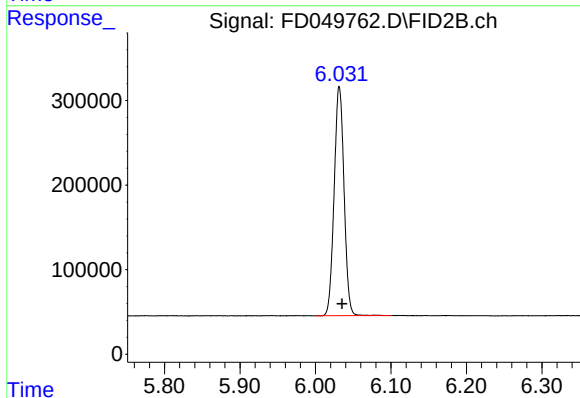




#1 1,2,3-Trimethylbenzene (C10.1)

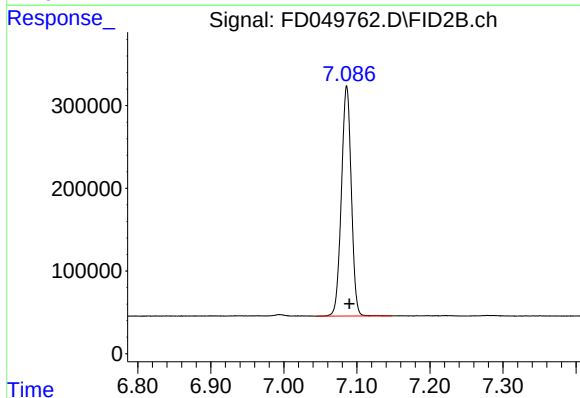
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 2085309
Conc: 19.35 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



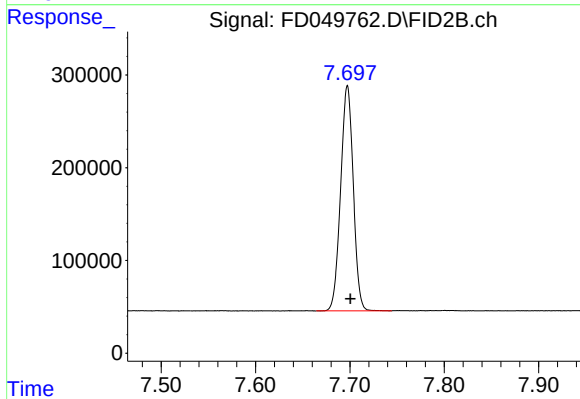
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 2471655
Conc: 19.88 ug/ml



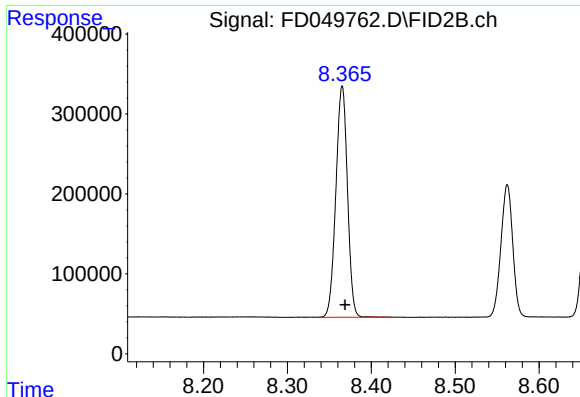
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 2614070
Conc: 20.06 ug/ml



#4 2-Bromonaphthalene (SURR)

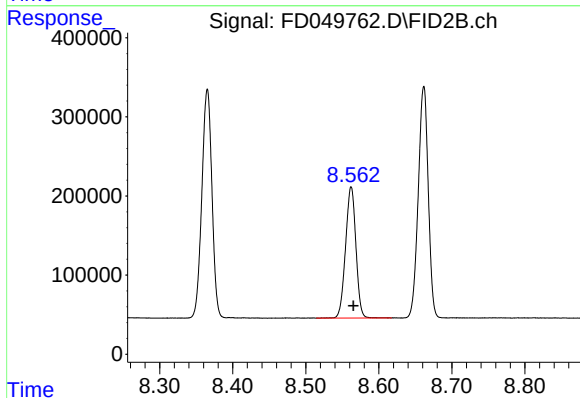
R.T.: 7.697 min
Delta R.T.: -0.003 min
Response: 2261185
Conc: 20.11 ug/ml



#5 Acenaphthylene (C15.06)

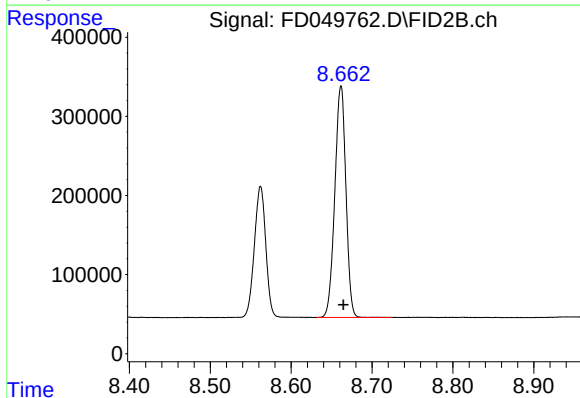
R.T.: 8.365 min
Delta R.T.: -0.003 min
Response: 2781625
Conc: 20.06 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



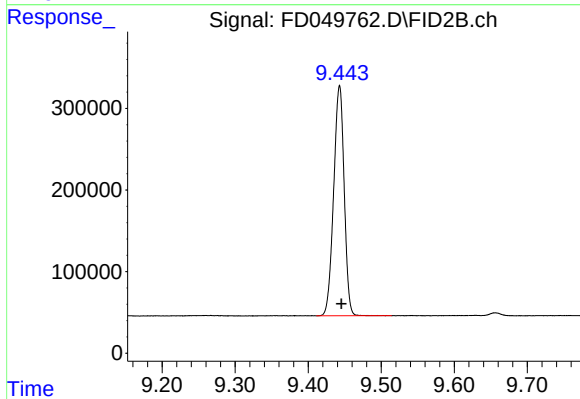
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 1627738
Conc: 20.28 ug/ml



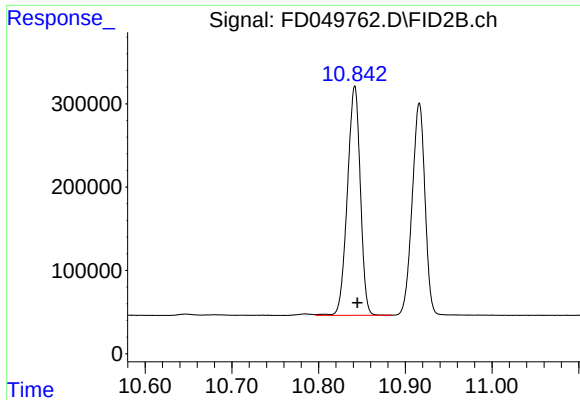
#7 Acenaphthene (C15.5)

R.T.: 8.661 min
Delta R.T.: -0.003 min
Response: 2784386
Conc: 20.09 ug/ml



#8 Flouorene (C16.55)

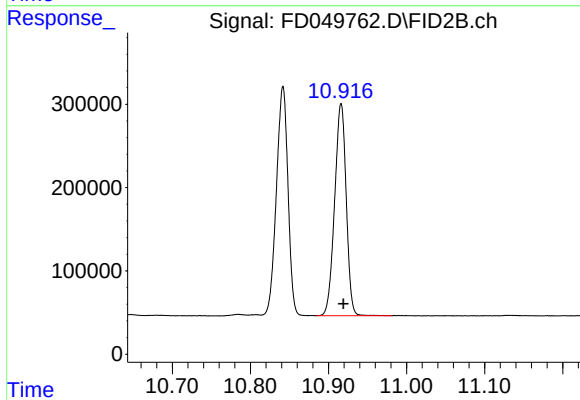
R.T.: 9.443 min
Delta R.T.: -0.003 min
Response: 2820766
Conc: 20.34 ug/ml



#9 Phenanthrene (C19.36)

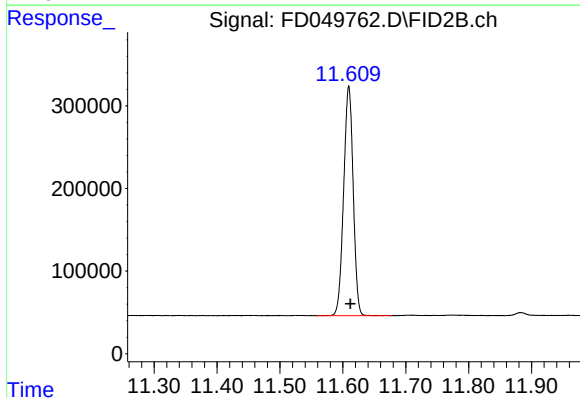
R.T.: 10.841 min
Delta R.T.: -0.003 min
Response: 2851428
Conc: 20.47 ug/ml

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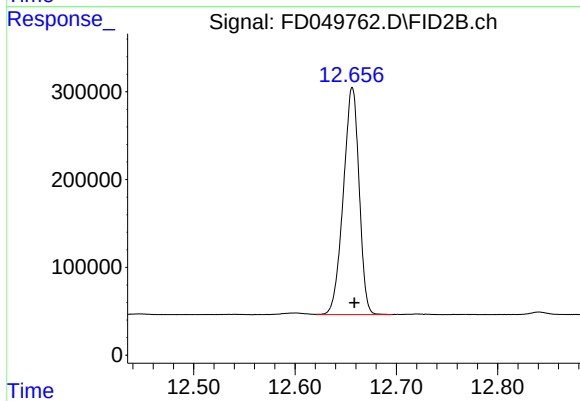
#10 Anthracene (C19.43)

R.T.: 10.916 min
Delta R.T.: -0.003 min
Response: 2618212
Conc: 19.83 ug/ml



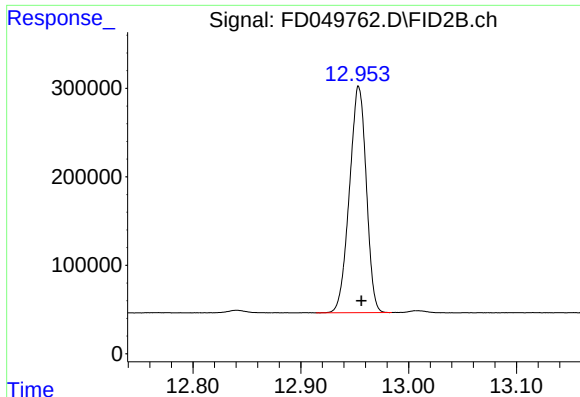
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.003 min
Response: 2929157
Conc: 20.70 ug/ml



#12 Fluoranthene (C21.85)

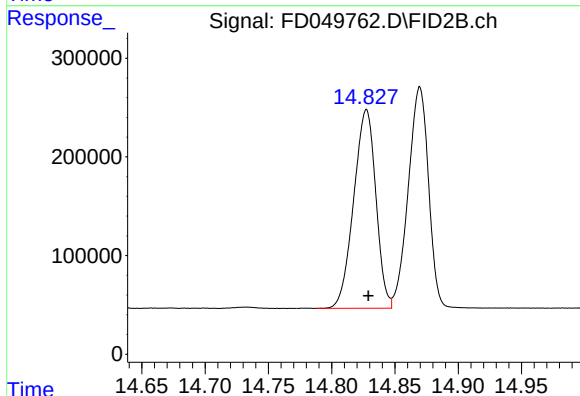
R.T.: 12.656 min
Delta R.T.: -0.002 min
Response: 2805101
Conc: 20.83 ug/ml



#13 Pyrene (C20.8)

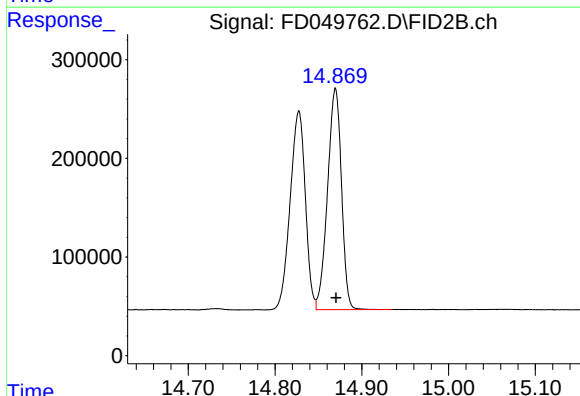
R.T.: 12.954 min
Delta R.T.: -0.003 min
Response: 2774107
Conc: 20.85 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



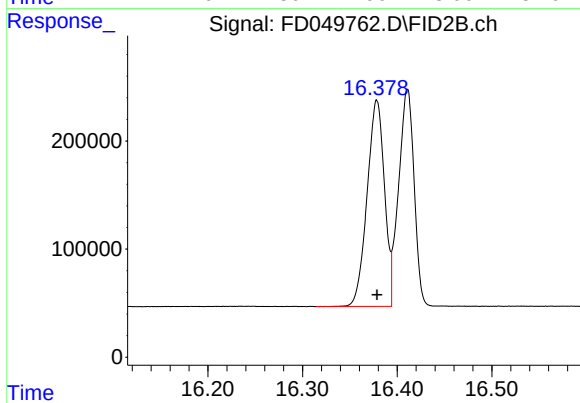
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.827 min
Delta R.T.: -0.002 min
Response: 2452694
Conc: 20.51 ug/ml



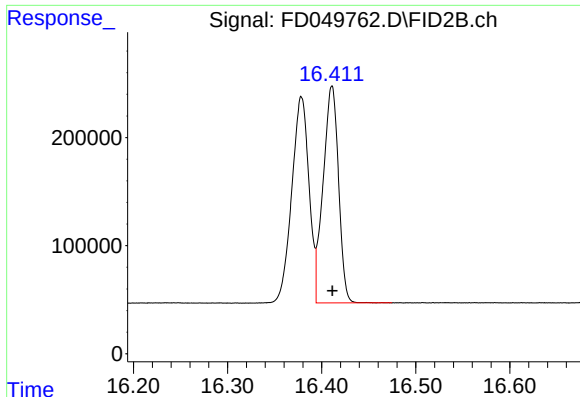
#15 Chrysene (C27.41)

R.T.: 14.870 min
Delta R.T.: 0.000 min
Response: 2502912
Conc: 20.57 ug/ml



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

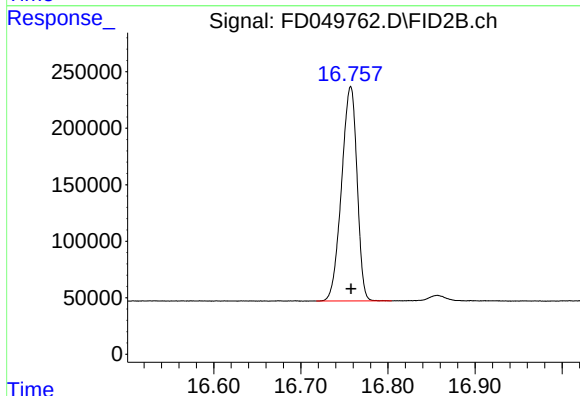
R.T.: 16.378 min
Delta R.T.: 0.000 min
Response: 2434489
Conc: 20.31 ug/ml



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

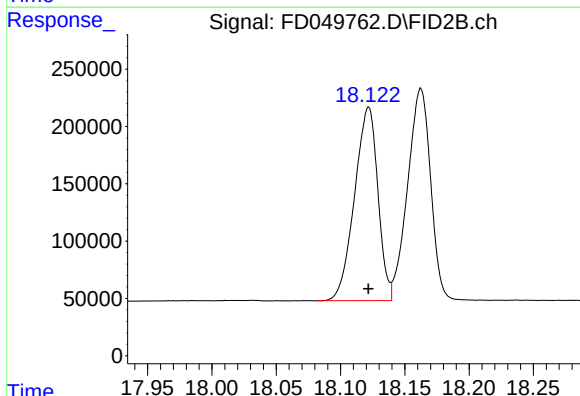
R.T.: 16.411 min
Delta R.T.: 0.000 min
Response: 2282210
Conc: 20.25 ug/ml

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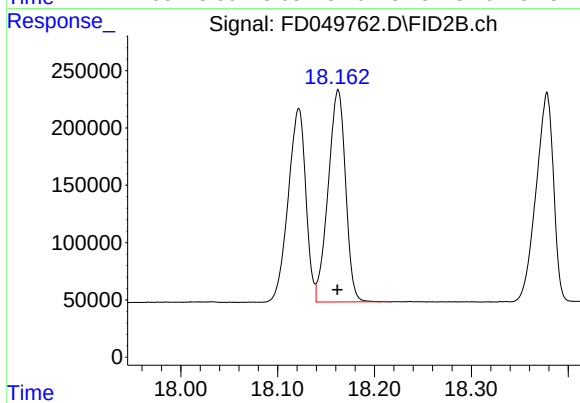
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 2344137
Conc: 19.98 ug/ml



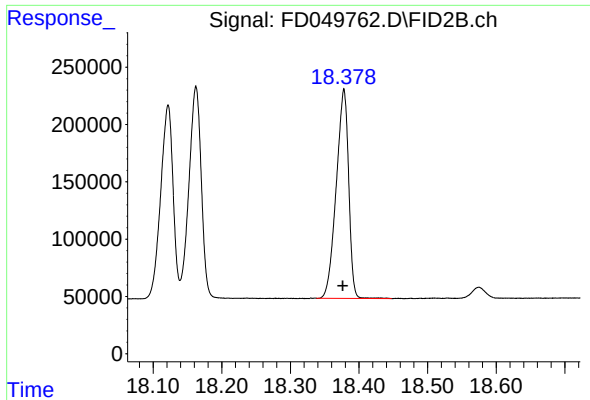
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 2132024
Conc: 19.60 ug/ml



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

R.T.: 18.162 min
Delta R.T.: 0.000 min
Response: 2307823
Conc: 20.25 ug/ml



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

R.T.: 18.378 min
Delta R.T.: 0.001 min
Response: 2287817
Conc: 19.66 ug/ml

Instrument :
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ClientSampleId :
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