

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AR\
 Data File : FD048947.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 09:58
 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: Jan 25 03:29:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:28:54 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...	7.358	2808122	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.209	1740176	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.239	3201898	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	3024439	20.000 ug/ml
2) T Naphthalene (C11.7)	5.699	3097612	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	3073064	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.009	3202988	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.302	3227226	20.000 ug/ml
8) T Fluorene (C16.55)	9.083	3107231	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.469	3010366	20.000 ug/ml
10) T Anthracene (C19.43)	10.546	3028354	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.273	3066144	20.000 ug/ml
13) T Pyrene (C20.8)	12.565	3031227	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.435	2691882	20.000 ug/ml
15) T Chrysene (C27.41)	14.476	3161412	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.982	2789216	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.013	3064740	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	2721730	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	1986390	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	2902119	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	2779778	20.000 ug/ml

(f)=RT Delta > 1/2 Window

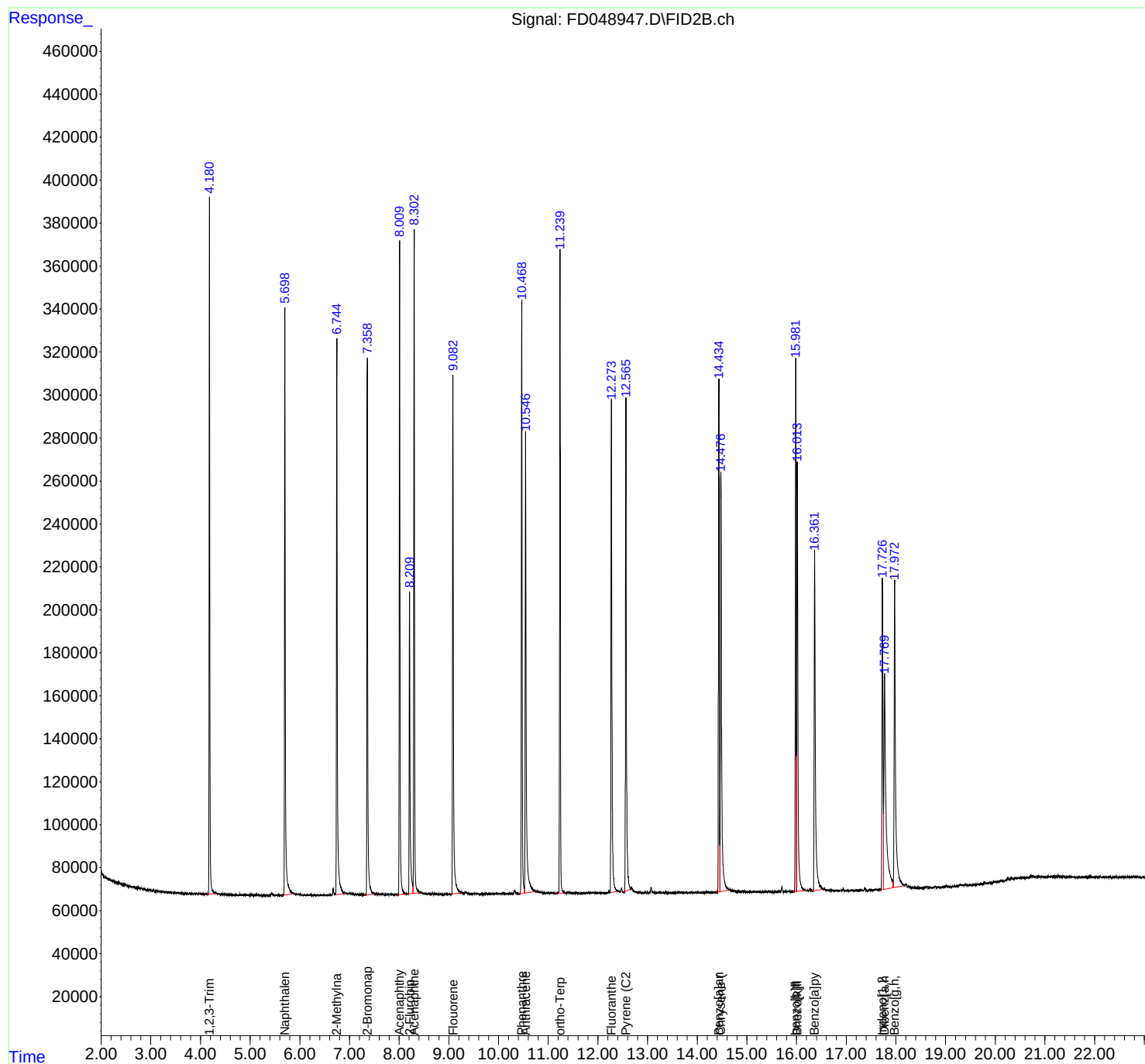
(m)=manual int.

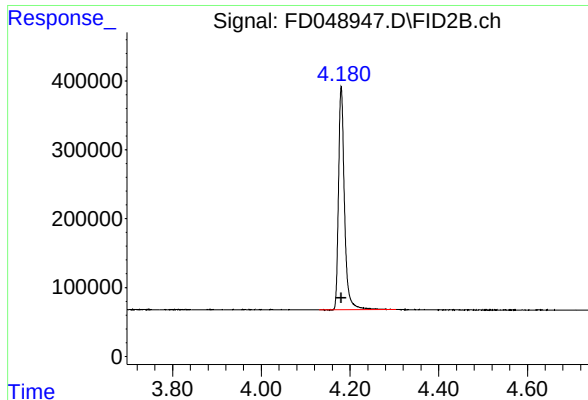
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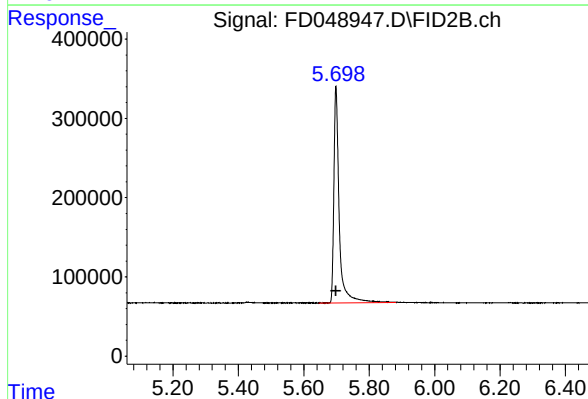




#1 1,2,3-Trimethylbenzene (C10.1)

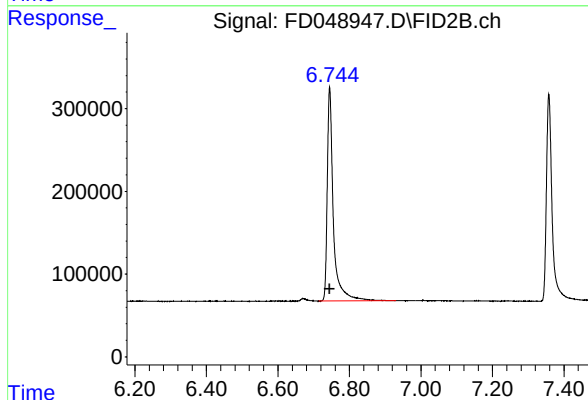
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 3024439
Conc: 20.00 ug/ml

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FID_D
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20 PPM AROMATIC HC STD3



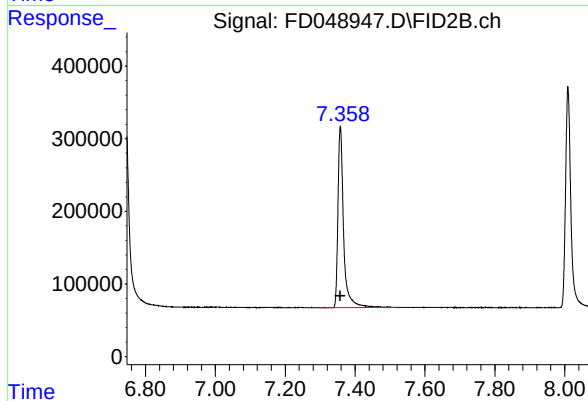
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 3097612
Conc: 20.00 ug/ml



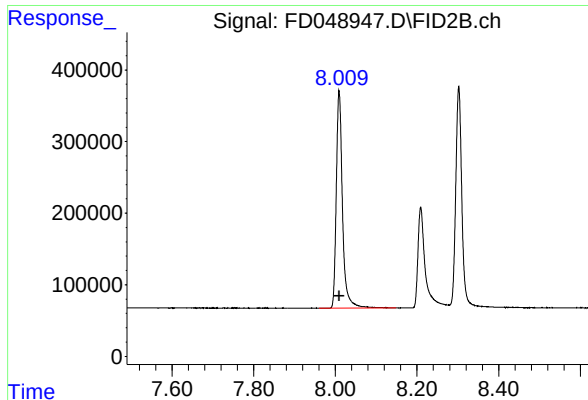
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3073064
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

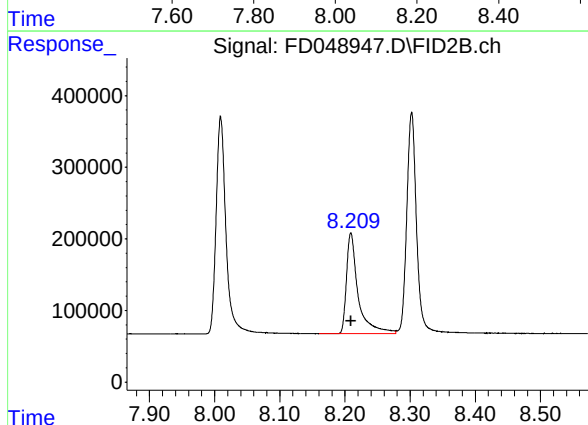
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 2808122
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

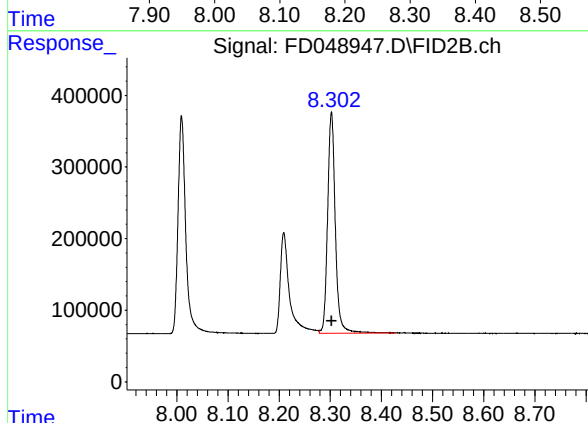
R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 3202988
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



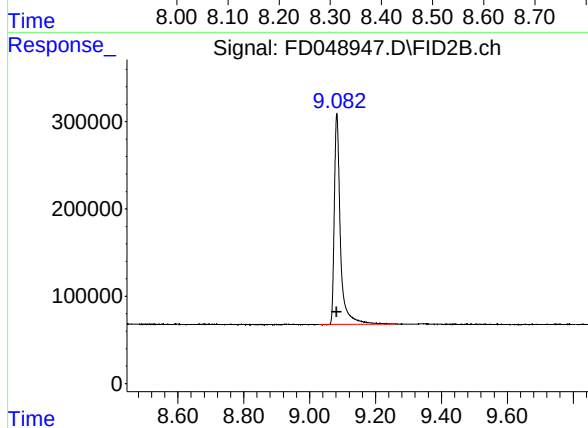
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 1740176
Conc: 20.00 ug/ml



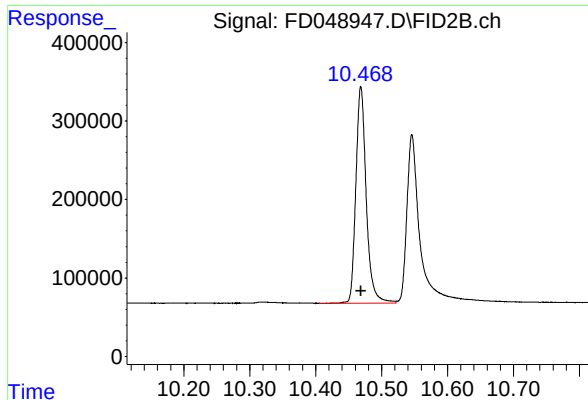
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 3227226
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

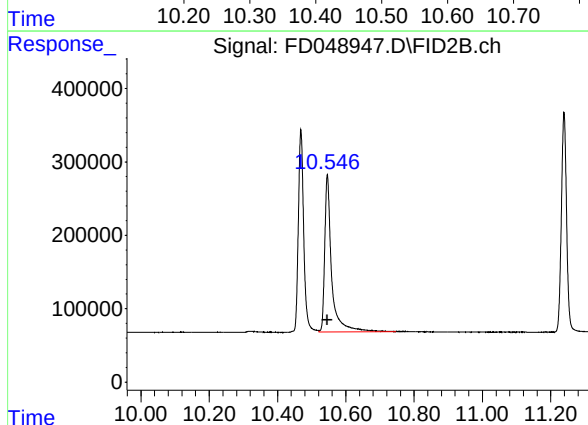
R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 3107231
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

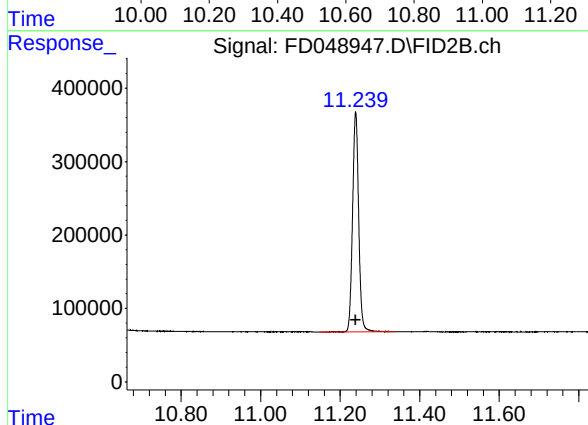
R.T.: 10.469 min
Delta R.T.: 0.000 min
Response: 3010366
Conc: 20.00 ug/ml

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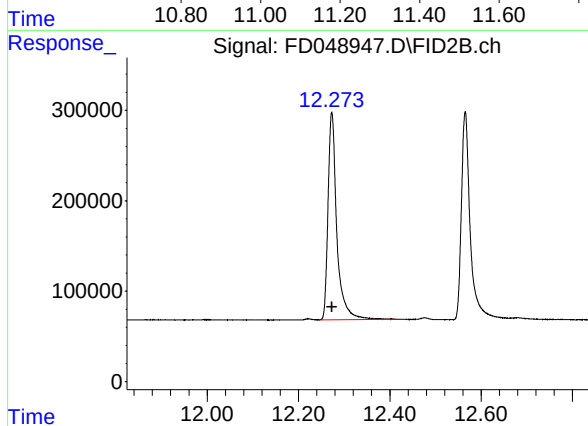
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: 0.000 min
Response: 3028354
Conc: 20.00 ug/ml



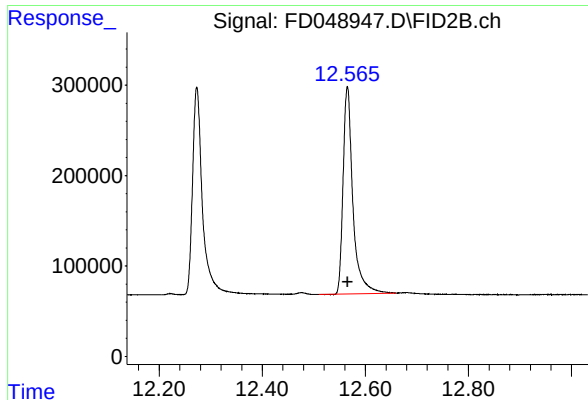
#11 ortho-Terphenyl (SURR)

R.T.: 11.239 min
Delta R.T.: 0.000 min
Response: 3201898
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

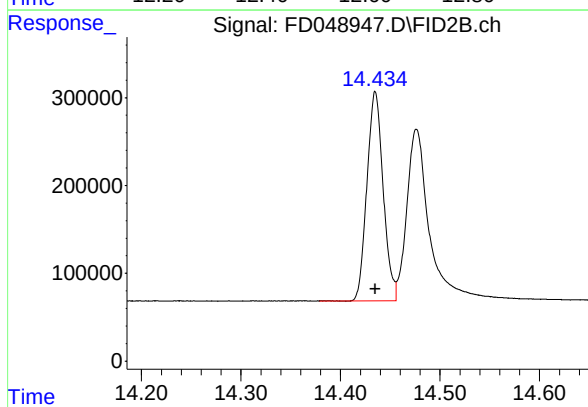
R.T.: 12.273 min
Delta R.T.: 0.000 min
Response: 3066144
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

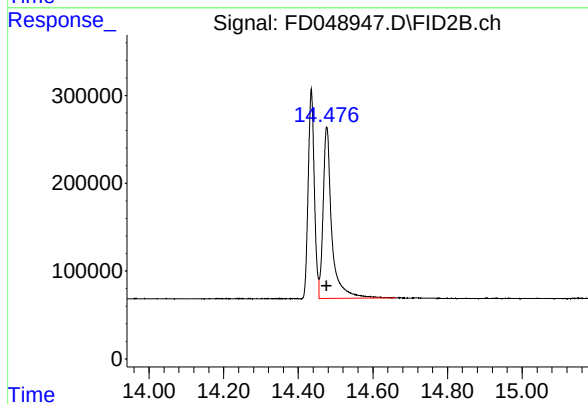
R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 3031227
Conc: 20.00 ug/ml

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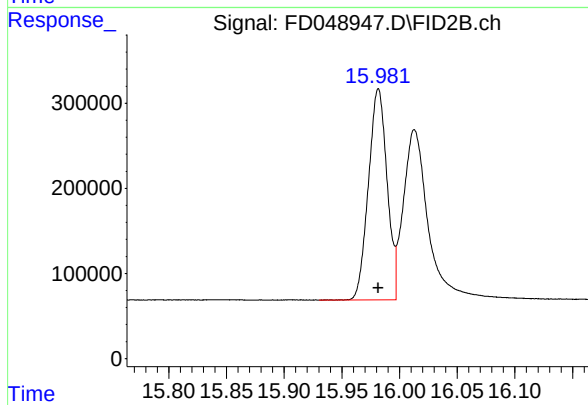
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.000 min
Response: 2691882
Conc: 20.00 ug/ml



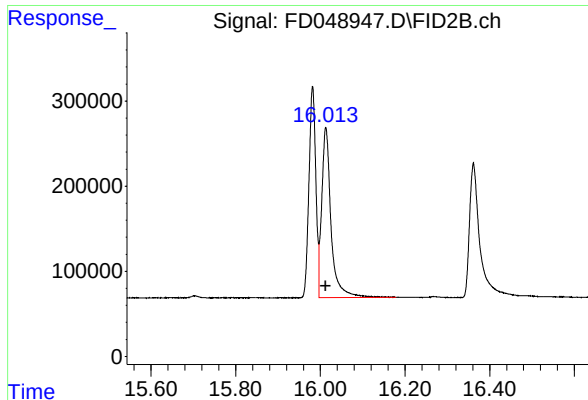
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.000 min
Response: 3161412
Conc: 20.00 ug/ml



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

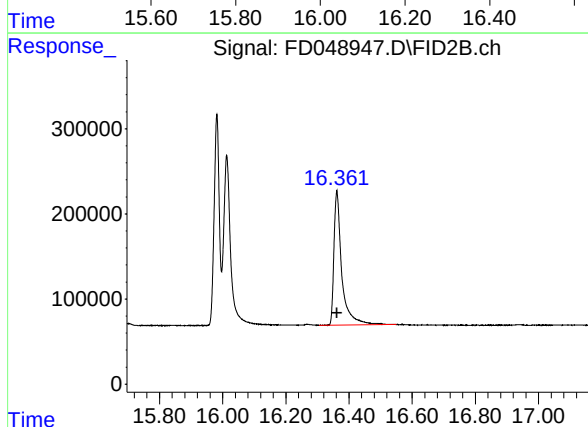
R.T.: 15.982 min
Delta R.T.: 0.000 min
Response: 2789216
Conc: 20.00 ug/ml



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

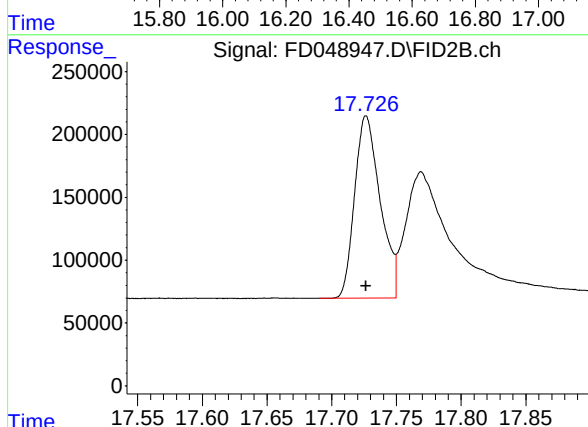
R.T.: 16.013 min
Delta R.T.: 0.000 min
Response: 3064740
Conc: 20.00 ug/ml

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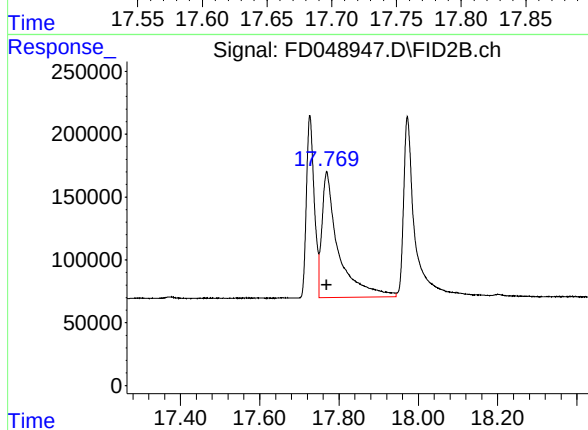
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 2721730
Conc: 20.00 ug/ml



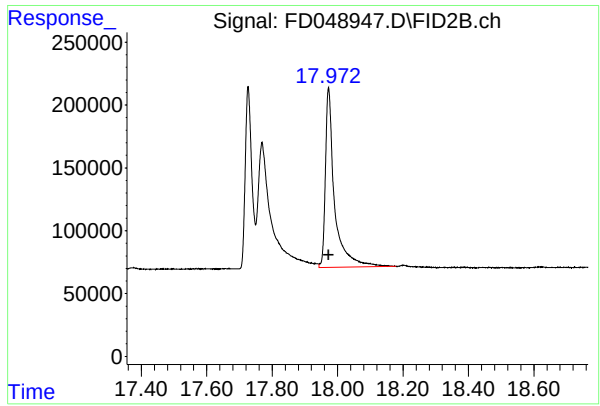
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 1986390
Conc: 20.00 ug/ml



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

R.T.: 17.769 min
Delta R.T.: 0.000 min
Response: 2902119
Conc: 20.00 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.000 min
Response: 2779778
Conc: 20.00 ug/ml

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