

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102824AR\
 Data File : FF014816.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 17:57
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e
 Quant Time: Oct 29 01:35:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:14:53 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...	7.992	2685317	19.257 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
6) S 2-Fluorobiphenyl (SURR)	8.866	1817310	19.270 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.54%
11) S ortho-Terphenyl (SURR)	11.928	3014428	18.843 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.609	3047122	20.032 ug/ml
2) T Naphthalene (C11.7)	6.274	3159646	19.740 ug/ml
3) T 2-Methylnaphthalene (...)	7.367	3169983	19.595 ug/ml
5) T Acenaphthylene (C15.06)	8.667	3079129	19.437 ug/ml
7) T Acenaphthene (C15.5)	8.966	3073037	19.368 ug/ml
8) T Fluorene (C16.55)	9.754	3023058	19.160 ug/ml
9) T Phenanthrene (C19.36)	11.159	2999756	19.055 ug/ml
10) T Anthracene (C19.43)	11.234	2853339	18.969 ug/ml
12) T Fluoranthene (C21.85)	12.978	2915551	18.501 ug/ml
13) T Pyrene (C20.8)	13.276	2879650	18.469 ug/ml
14) T Benzo[a]anthracene (C...	15.154	2731496	17.975 ug/ml
15) T Chrysene (C27.41)	15.196	2755586	17.831 ug/ml
16) T benzo[b]fluoranthene ...	16.708	2716428	17.768 ug/ml
17) T Bnezo[k]fluoranthene ...	16.742	2547625	17.635 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.088	2660268	17.822 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.457	2524211	18.405 ug/ml
20) T Dibenz[a,h]anthracene...	18.498	2654434	18.272 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.714	2688451	18.818 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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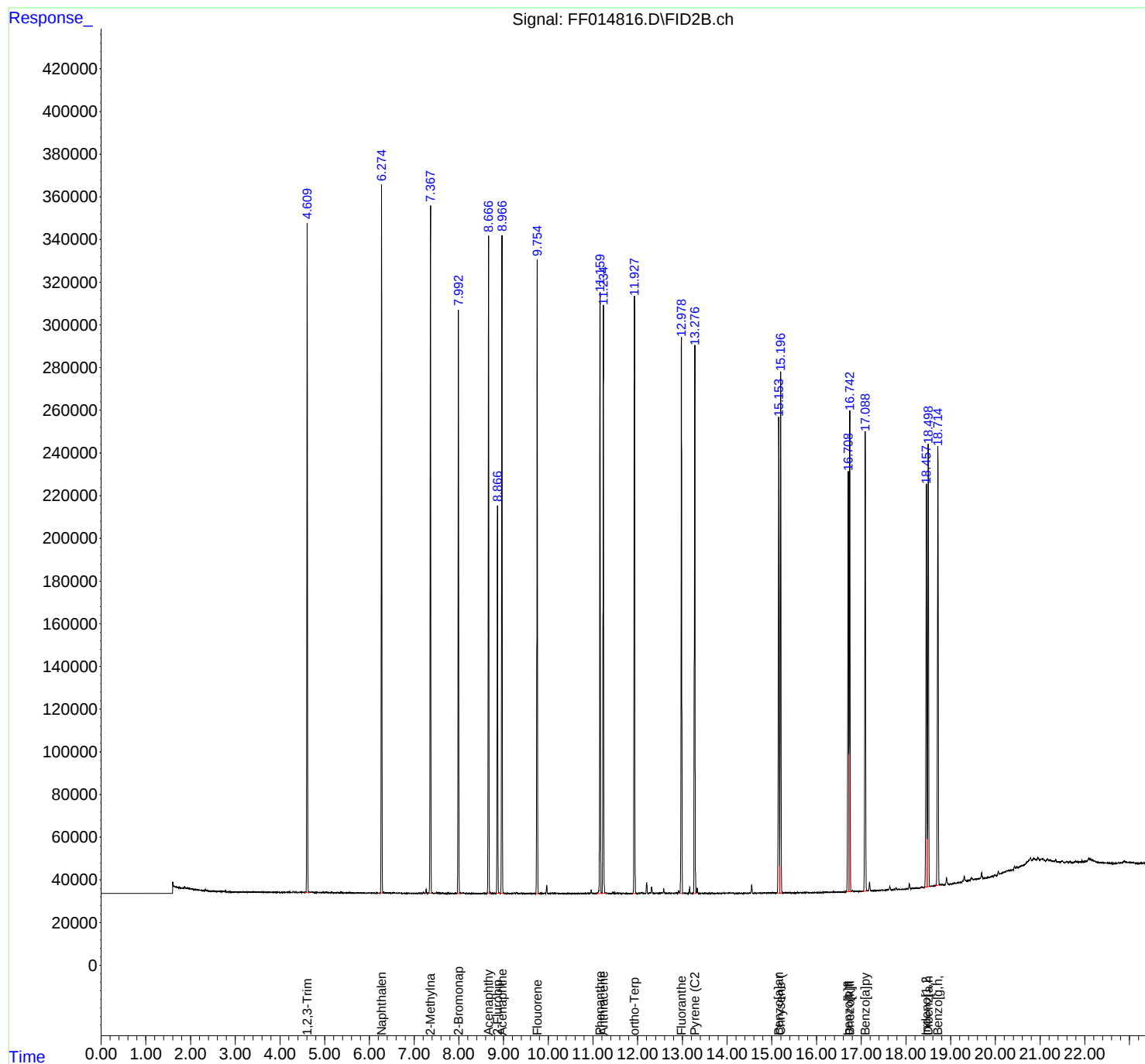
Instrument :
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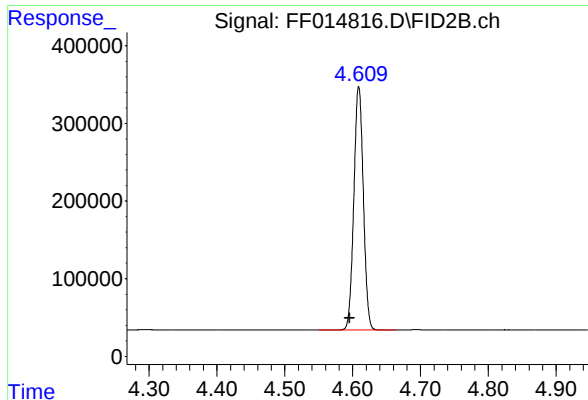
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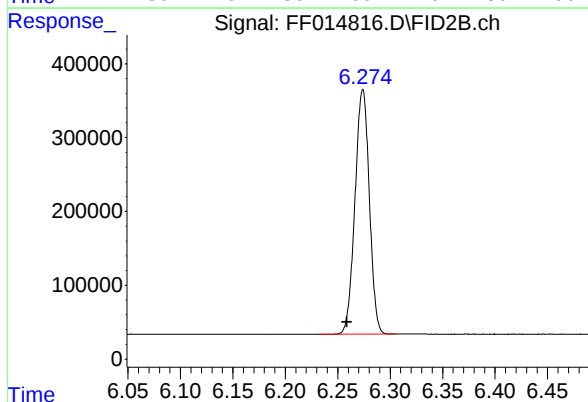
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.609 min
Delta R.T.: 0.013 min
Response: 3047122
Conc: 20.03 ug/ml

Instrument : FID_F
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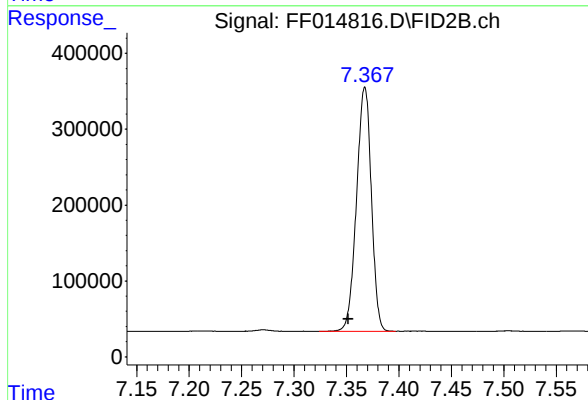
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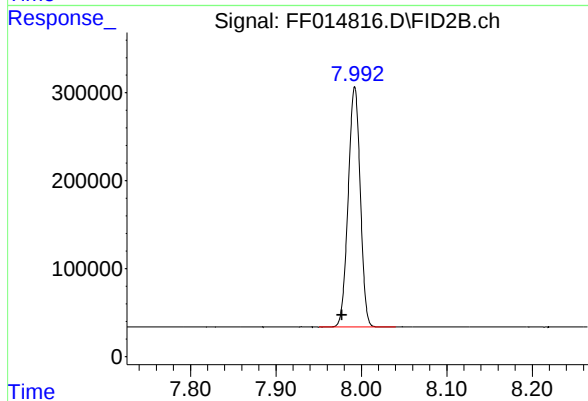
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.015 min
Response: 3159646
Conc: 19.74 ug/ml



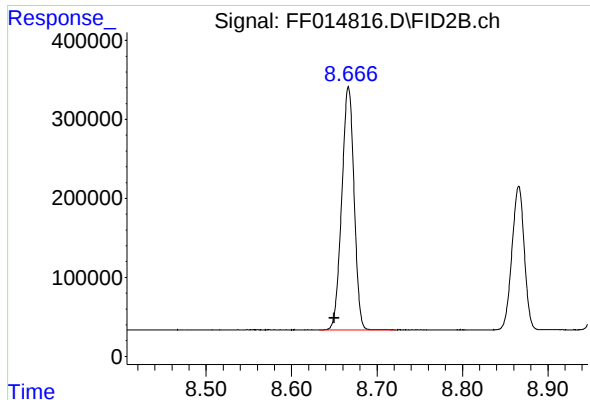
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: 0.016 min
Response: 3169983
Conc: 19.59 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.992 min
Delta R.T.: 0.015 min
Response: 2685317
Conc: 19.26 ug/ml



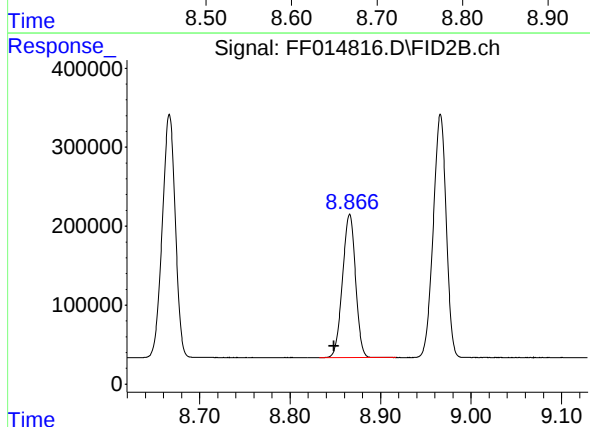
#5 Acenaphthylene (C15.06)

R.T.: 8.667 min
Delta R.T.: 0.016 min
Response: 3079129
Conc: 19.44 ug/ml

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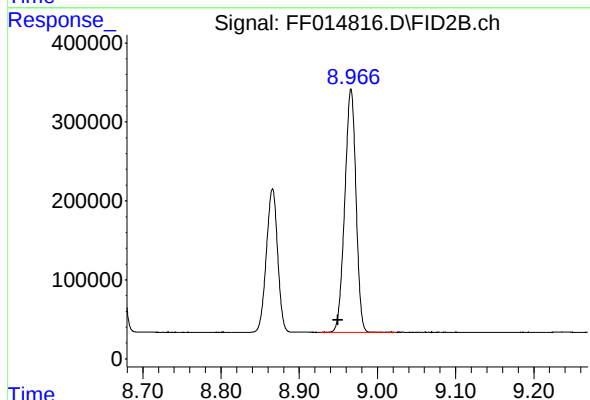
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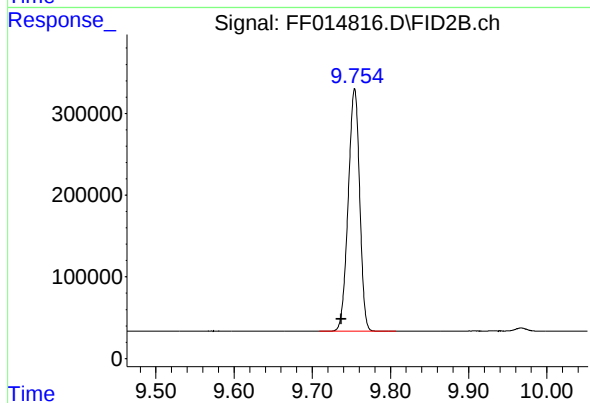
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.017 min
Response: 1817310
Conc: 19.27 ug/ml



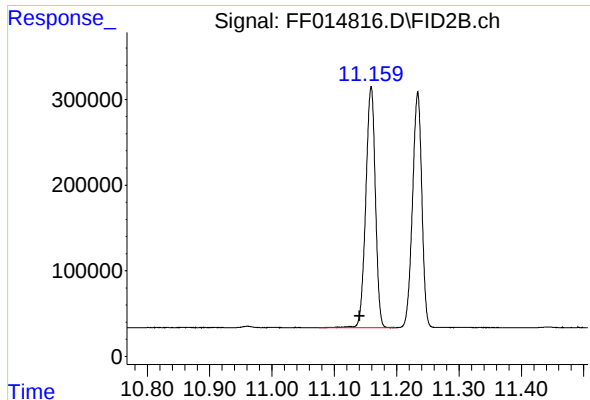
#7 Acenaphthene (C15.5)

R.T.: 8.966 min
Delta R.T.: 0.016 min
Response: 3073037
Conc: 19.37 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.754 min
Delta R.T.: 0.017 min
Response: 3023058
Conc: 19.16 ug/ml



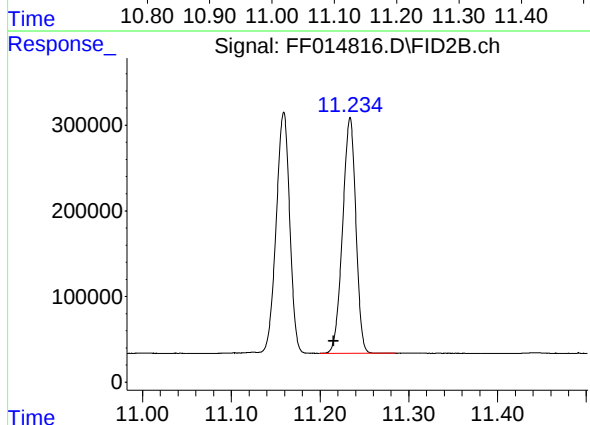
#9 Phenanthrene (C19.36)

R.T.: 11.159 min
Delta R.T.: 0.018 min
Response: 2999756
Conc: 19.06 ug/ml

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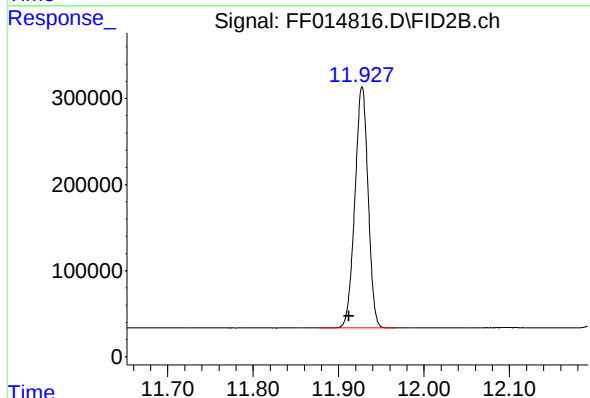
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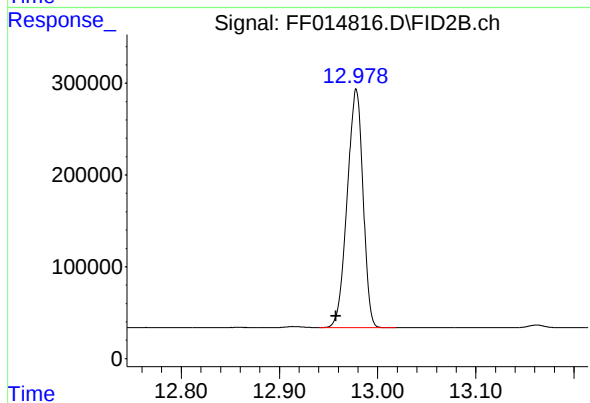
#10 Anthracene (C19.43)

R.T.: 11.234 min
Delta R.T.: 0.019 min
Response: 2853339
Conc: 18.97 ug/ml



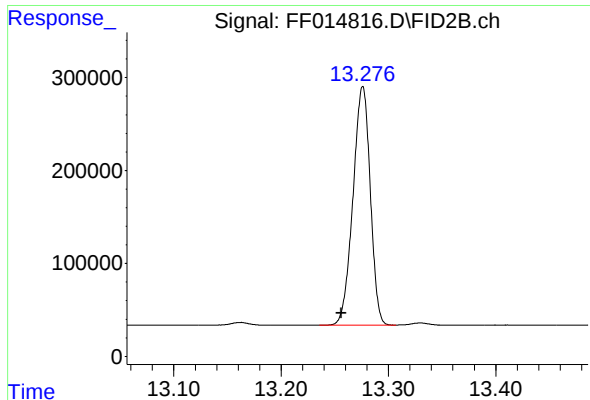
#11 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: 0.016 min
Response: 3014428
Conc: 18.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.978 min
Delta R.T.: 0.020 min
Response: 2915551
Conc: 18.50 ug/ml



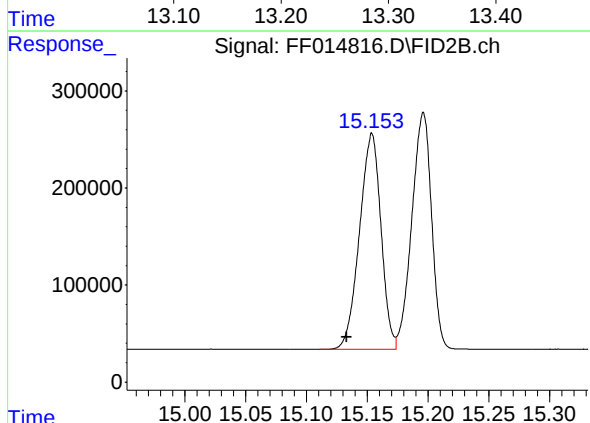
#13 Pyrene (C20.8)

R.T.: 13.276 min
Delta R.T.: 0.020 min
Response: 2879650
Conc: 18.47 ug/ml

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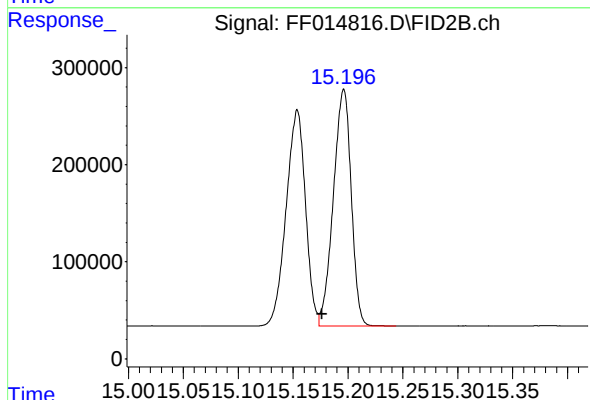
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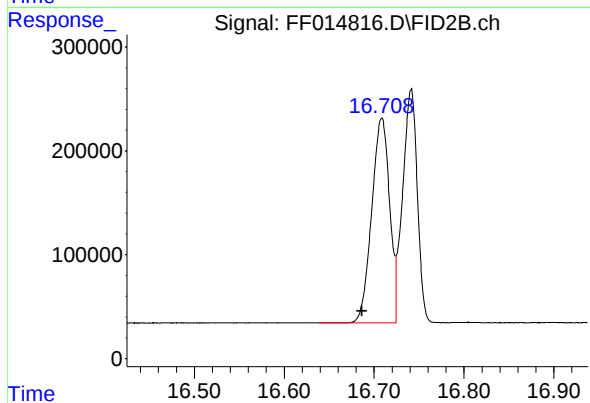
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.154 min
Delta R.T.: 0.021 min
Response: 2731496
Conc: 17.97 ug/ml



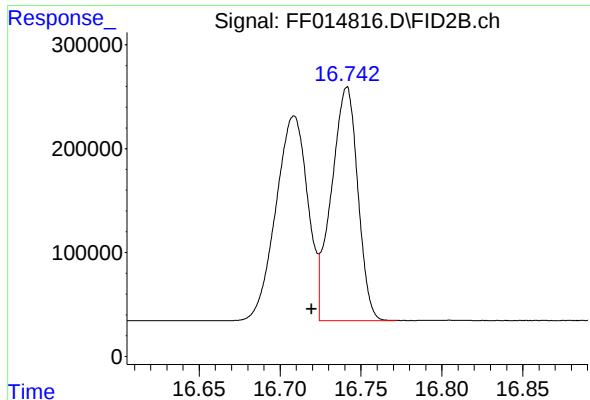
#15 Chrysene (C27.41)

R.T.: 15.196 min
Delta R.T.: 0.020 min
Response: 2755586
Conc: 17.83 ug/ml



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

R.T.: 16.708 min
Delta R.T.: 0.022 min
Response: 2716428
Conc: 17.77 ug/ml



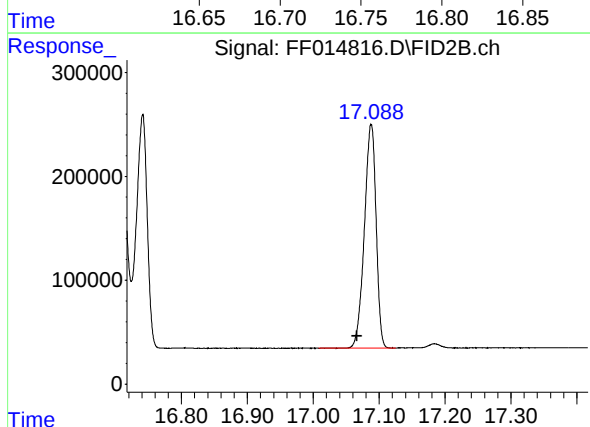
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.742 min
Delta R.T.: 0.022 min
Response: 2547625
Conc: 17.64 ug/ml

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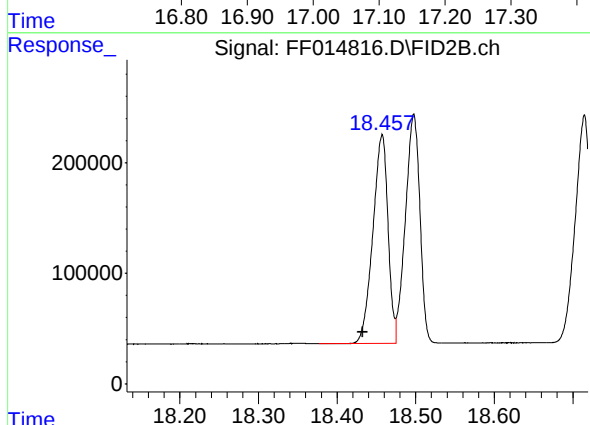
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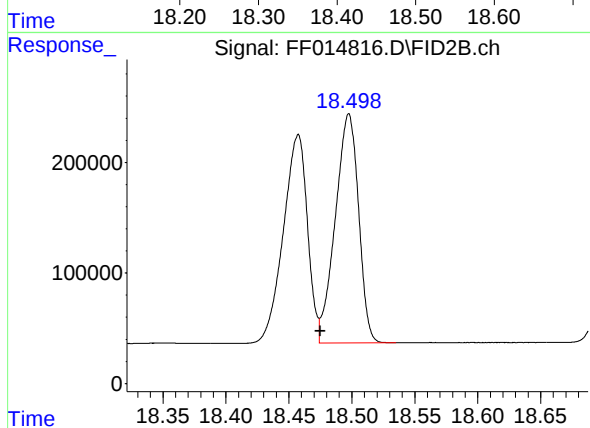
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.088 min
Delta R.T.: 0.022 min
Response: 2660268
Conc: 17.82 ug/ml



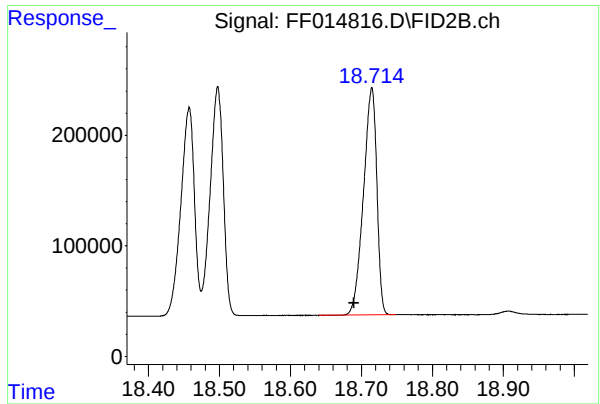
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.457 min
Delta R.T.: 0.024 min
Response: 2524211
Conc: 18.40 ug/ml



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

R.T.: 18.498 min
Delta R.T.: 0.022 min
Response: 2654434
Conc: 18.27 ug/ml m



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

R.T.: 18.714 min
Delta R.T.: 0.025 min
Response: 2688451
Conc: 18.82 ug/ml

Instrument :

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