

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042424AR\  
 Data File : FD047567.D  
 Signal(s) : FID2B.ch  
 Acq On : 25 Apr 2024 00:12  
 Operator : YP/AJ  
 Sample : PB160472BSD  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB160472BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024  
 Supervised By :Ankita Jodhani 04/25/2024

Integration File: autoint1.e  
 Quant Time: Apr 25 02:07:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 01 16:48:10 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...	7.464	9451372	63.220 ug/ml
Spiked Amount 50.000		Recovery =	126.44%
6) S 2-Fluorobiphenyl (SURR)	8.317	6242712	63.892 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.78%
11) S ortho-Terphenyl (SURR)	11.357	8745679	51.017 ug/ml
Spiked Amount 50.000		Recovery =	102.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	6688245	42.327 ug/ml
2) T Naphthalene (C11.7)	5.802	7597747	46.429 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	7780186	47.301 ug/ml
5) T Acenaphthylene (C15.06)	8.120	8045025	53.300 ug/ml
7) T Acenaphthene (C15.5)	8.416	7930825	49.517 ug/ml
8) T Fluorene (C16.55)	9.195	8013359	51.799 ug/ml
9) T Phenanthrene (C19.36)	10.584	7858245	52.817 ug/ml
10) T Anthracene (C19.43)	10.660	7752999	57.004 ug/ml
12) T Fluoranthene (C21.85)	12.391	7716479	52.198 ug/ml
13) T Pyrene (C20.8)	12.685	7798797	54.038 ug/ml
14) T Benzo[a]anthracene (C...	14.554	7280112	55.357 ug/ml
15) T Chrysene (C27.41)	14.597	7263714	51.512 ug/ml
16) T benzo[b]fluoranthene ...	16.100	7267577	52.092 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	7275933	52.311 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.477	7093275	51.662 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	7217857	53.509 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	6762106	50.314 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.095	6664682	48.020 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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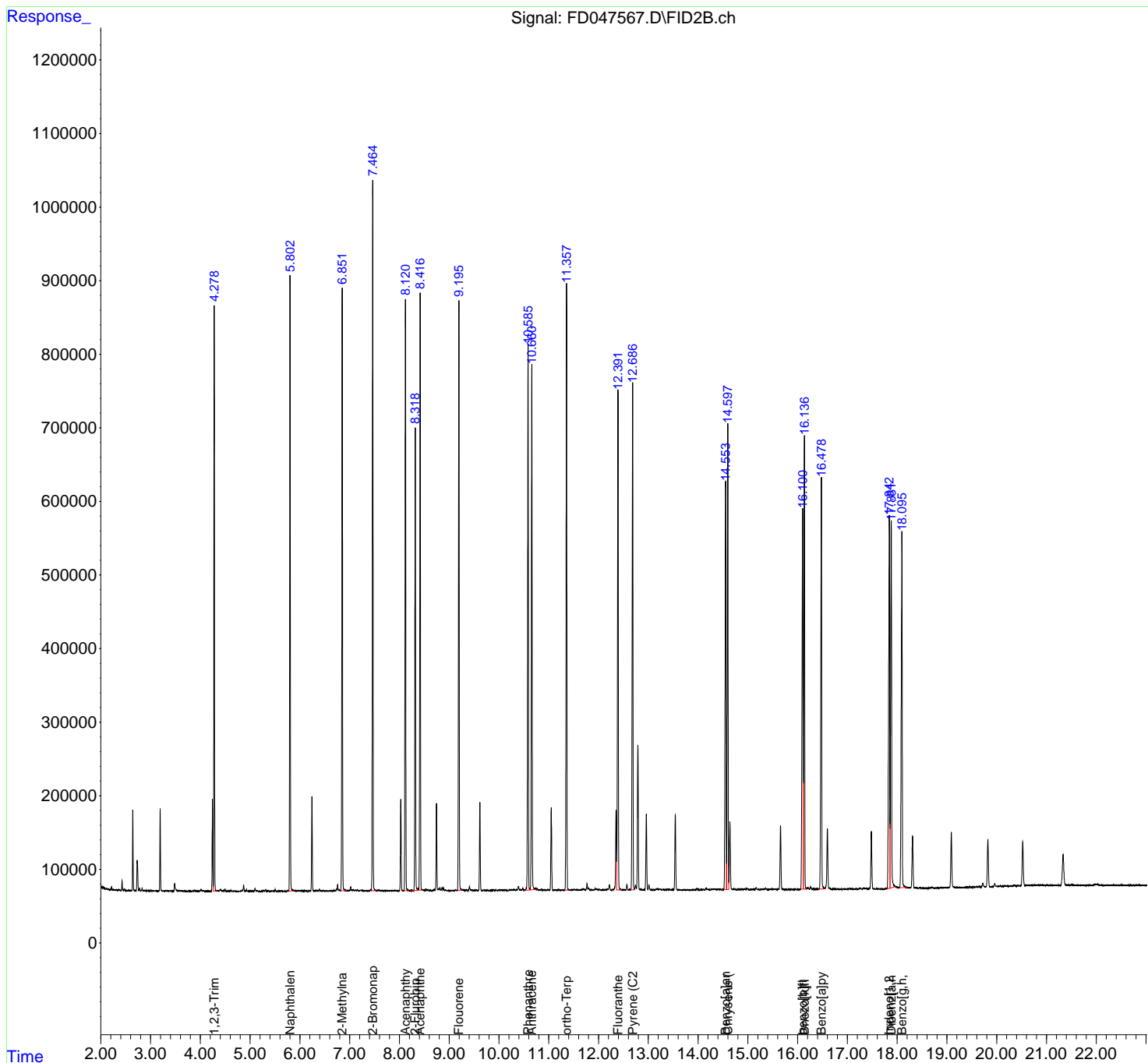
**Instrument :**  
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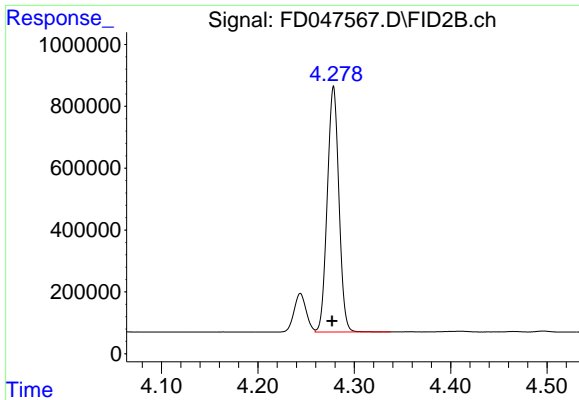
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 Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.278 min  
Delta R.T.: 0.001 min  
Response: 6688245  
Conc: 42.33 ug/ml

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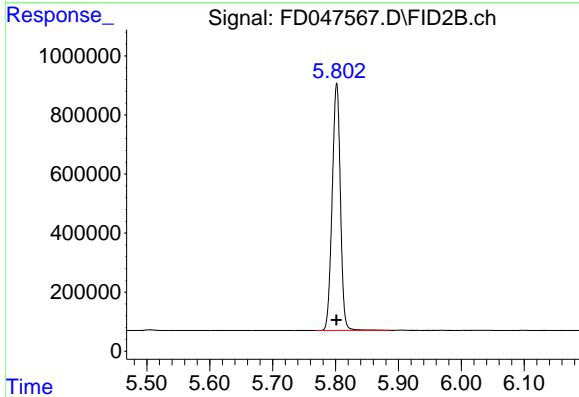
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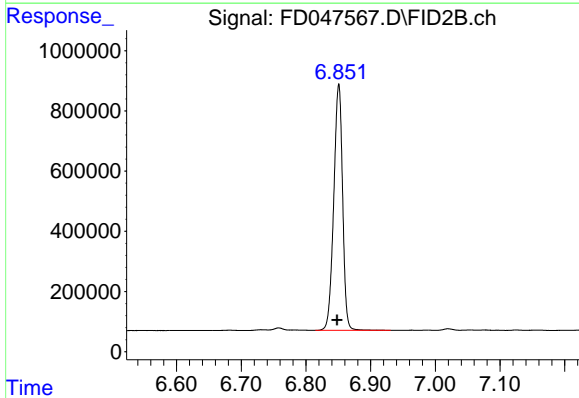
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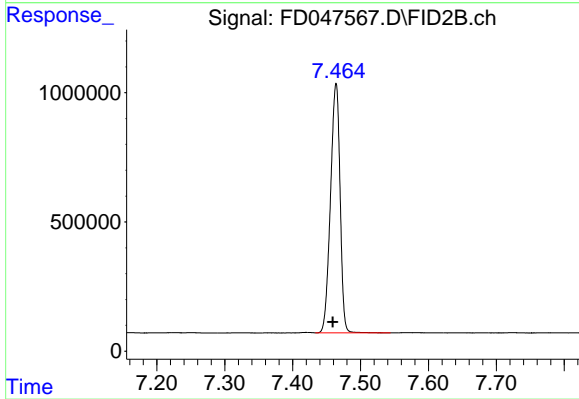
#2 Naphthalene (C11.7)

R.T.: 5.802 min  
Delta R.T.: 0.000 min  
Response: 7597747  
Conc: 46.43 ug/ml



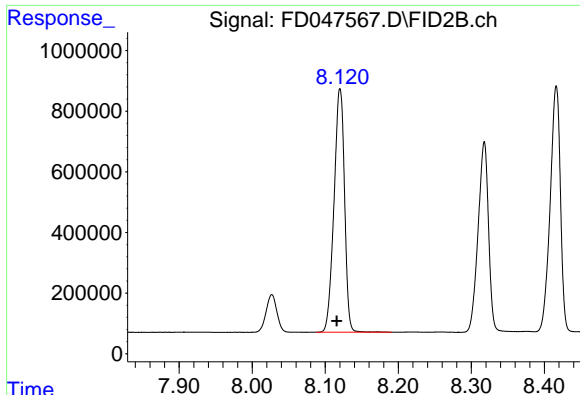
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min  
Delta R.T.: 0.002 min  
Response: 7780186  
Conc: 47.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min  
Delta R.T.: 0.005 min  
Response: 9451372  
Conc: 63.22 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.120 min  
 Delta R.T.: 0.004 min  
 Response: 8045025  
 Conc: 53.30 ug/ml

Instrument :

FID\_D

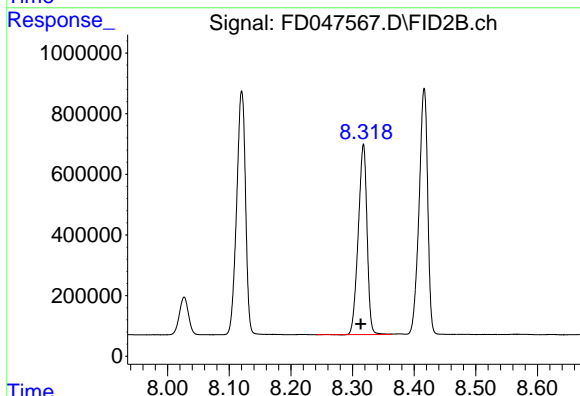
Client Sample Id :

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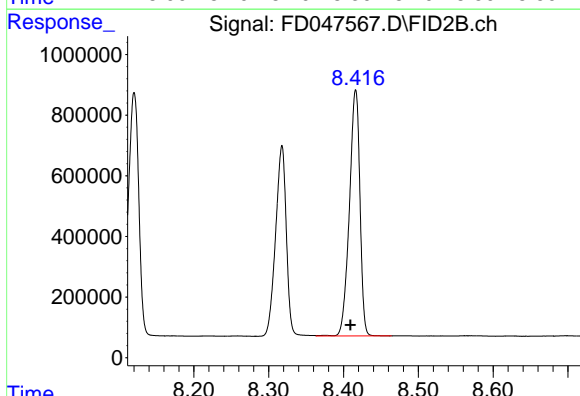
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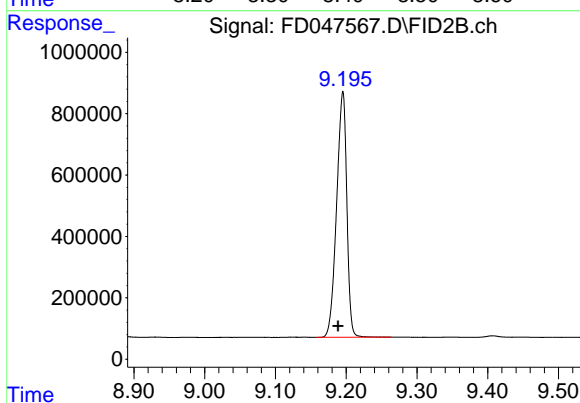
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min  
 Delta R.T.: 0.004 min  
 Response: 6242712  
 Conc: 63.89 ug/ml



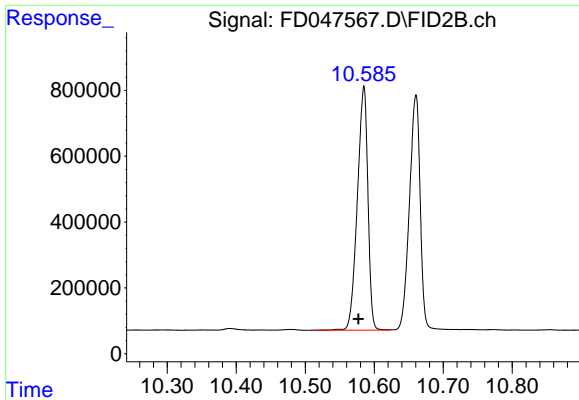
#7 Acenaphthene (C15.5)

R.T.: 8.416 min  
 Delta R.T.: 0.007 min  
 Response: 7930825  
 Conc: 49.52 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.195 min  
 Delta R.T.: 0.006 min  
 Response: 8013359  
 Conc: 51.80 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.584 min  
 Delta R.T.: 0.007 min  
 Response: 7858245  
 Conc: 52.82 ug/ml

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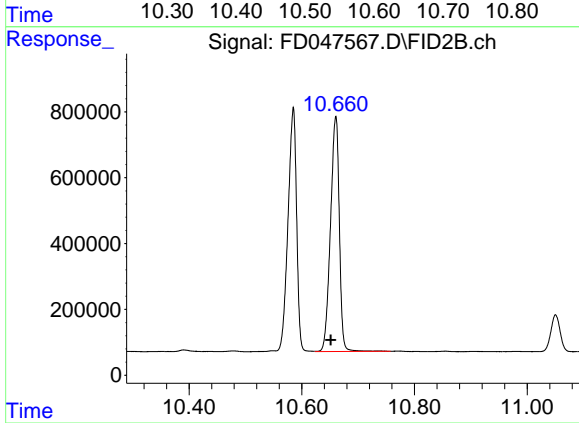
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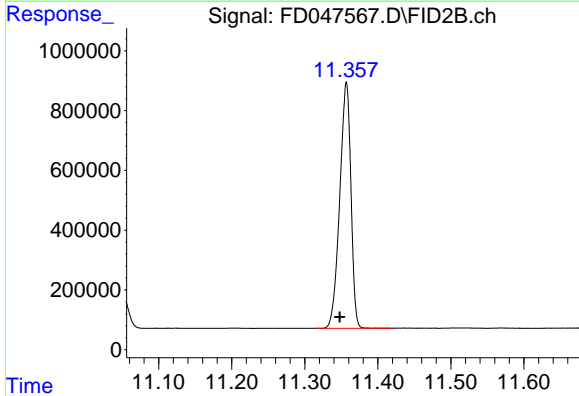
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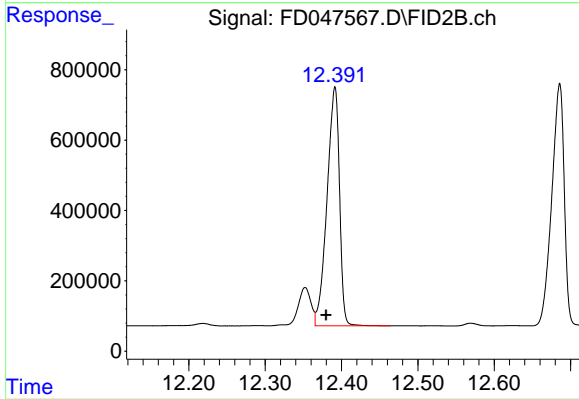
#10 Anthracene (C19.43)

R.T.: 10.660 min  
 Delta R.T.: 0.008 min  
 Response: 7752999  
 Conc: 57.00 ug/ml



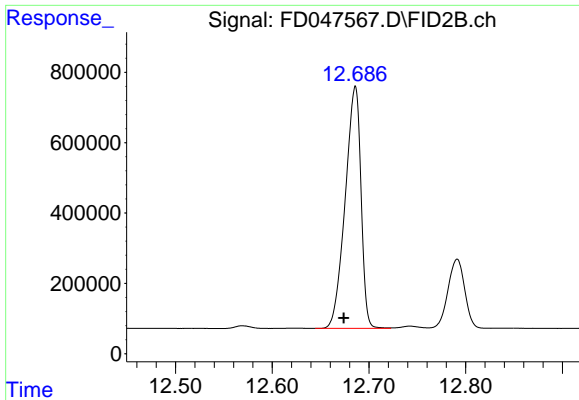
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min  
 Delta R.T.: 0.009 min  
 Response: 8745679  
 Conc: 51.02 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.391 min  
 Delta R.T.: 0.011 min  
 Response: 7716479  
 Conc: 52.20 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.685 min  
 Delta R.T.: 0.011 min  
 Response: 7798797  
 Conc: 54.04 ug/ml

Instrument :

FID\_D

ClientSampleId :

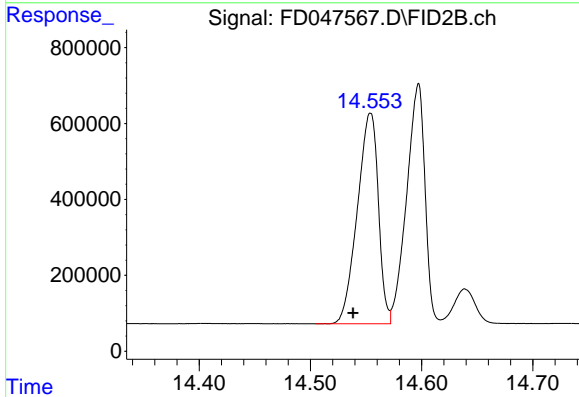
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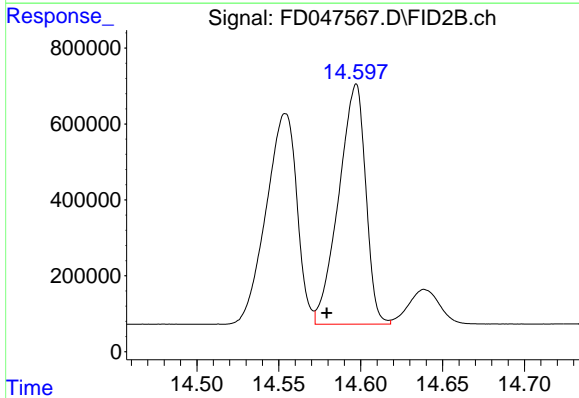
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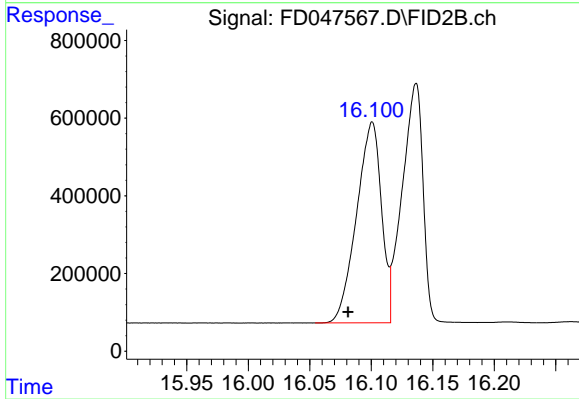
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min  
 Delta R.T.: 0.015 min  
 Response: 7280112  
 Conc: 55.36 ug/ml



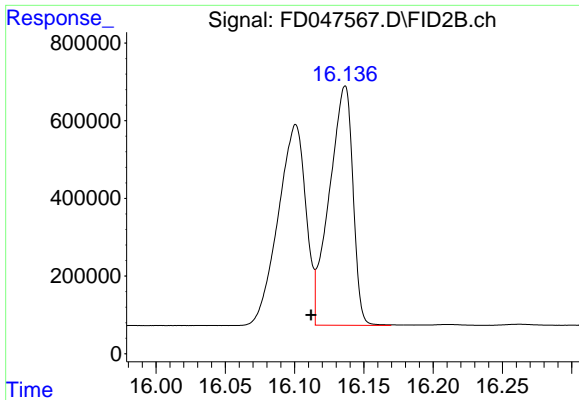
#15 Chrysene (C27.41)

R.T.: 14.597 min  
 Delta R.T.: 0.017 min  
 Response: 7263714  
 Conc: 51.51 ug/ml



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

R.T.: 16.100 min  
 Delta R.T.: 0.019 min  
 Response: 7267577  
 Conc: 52.09 ug/ml



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

R.T.: 16.136 min  
 Delta R.T.: 0.025 min  
 Response: 7275933  
 Conc: 52.31 ug/ml

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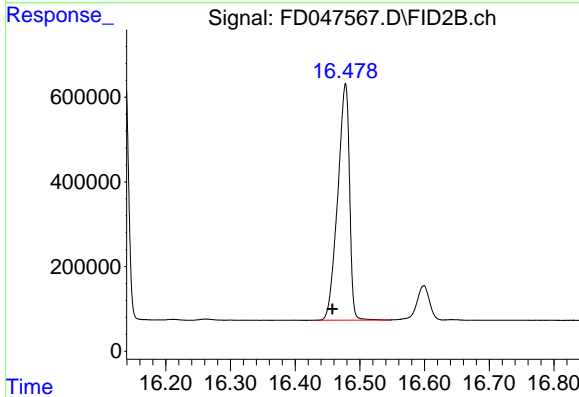
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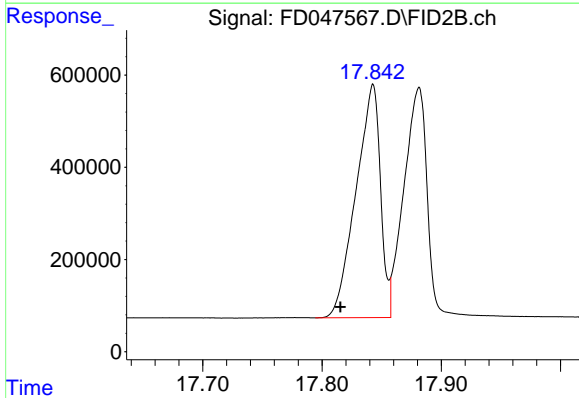
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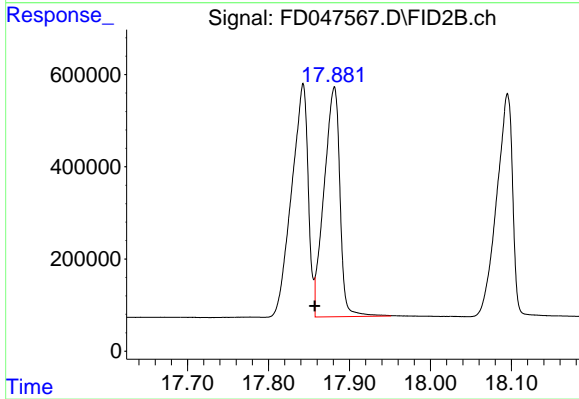
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min  
 Delta R.T.: 0.020 min  
 Response: 7093275  
 Conc: 51.66 ug/ml



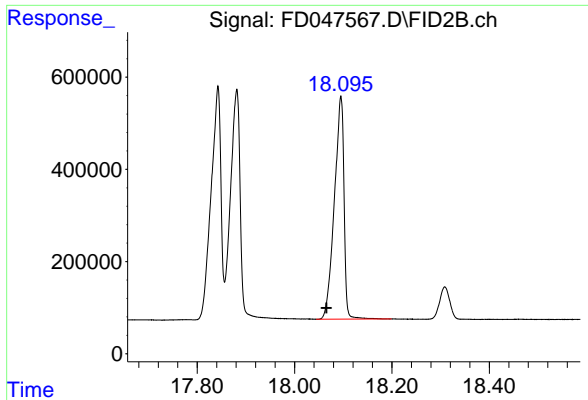
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min  
 Delta R.T.: 0.026 min  
 Response: 7217857  
 Conc: 53.51 ug/ml



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

R.T.: 17.881 min  
 Delta R.T.: 0.024 min  
 Response: 6762106  
 Conc: 50.31 ug/ml m



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

R.T.: 18.095 min  
Delta R.T.: 0.029 min  
Response: 6664682  
Conc: 48.02 ug/ml

Instrument :

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