

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090222AR\
 Data File : FD043799.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2022 11:52
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 03:26:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 05 01:51:33 2022
 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...	7.438	3399504	19.675 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
6) S 2-Fluorobiphenyl (SURR)	8.294	2031565	20.196 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.39%
11) S ortho-Terphenyl (SURR)	11.322	3925841	18.765 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	3920353	19.686 ug/ml
2) T Naphthalene (C11.7)	5.778	3857390	19.191 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	3375524	18.701 ug/ml
5) T Acenaphthylene (C15.06)	8.386	4044402	20.233 ug/ml
7) T Acenaphthene (C15.5)	8.386	4044402	18.815 ug/ml
8) T Flouorene (C16.55)	9.166	3624199	18.904 ug/ml
9) T Phenanthrene (C19.36)	10.557	3482062	19.364 ug/mlm
10) T Anthracene (C19.43)	10.634	3078758	15.828 ug/ml
12) T Fluoranthene (C21.85)	12.361	3420962	18.759 ug/ml
13) T Pyrene (C20.8)	12.656	3414651	18.293 ug/ml
14) T Benzo[a]anthracene (C...	14.522	2796583	19.546 ug/mlm
15) T Chrysene (C27.41)	14.563	3190996	16.533 ug/mlm
16) T benzo[b]fluoranthene ...	16.067	2876522	19.934 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.098	2847983	16.559 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.445	2454597	16.904 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.805	2471931	23.902 ug/mlm
20) T Dibenz[a,h]anthracene...	17.844	2664274	18.933 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.056	2876043	22.592 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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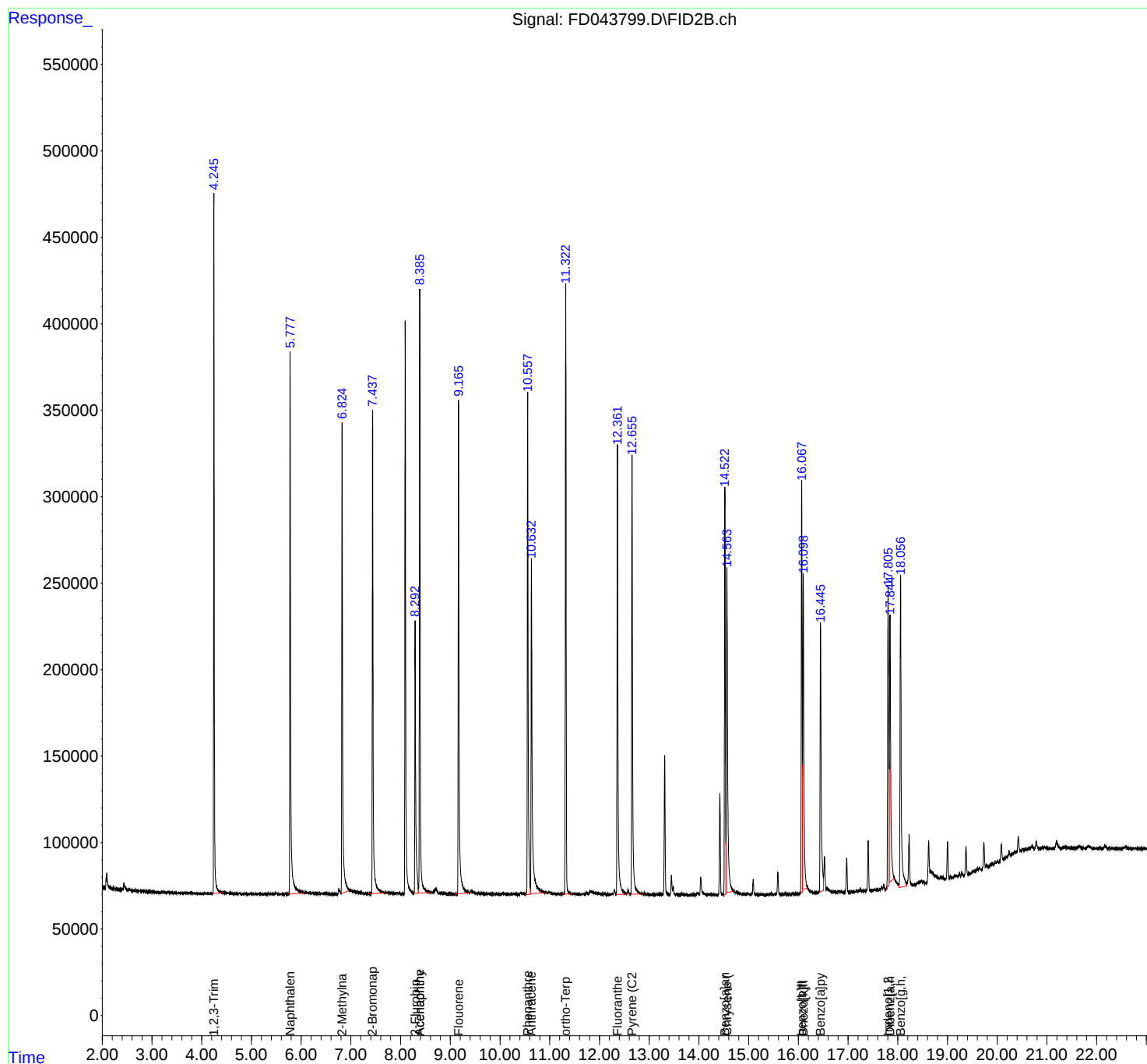
Instrument :
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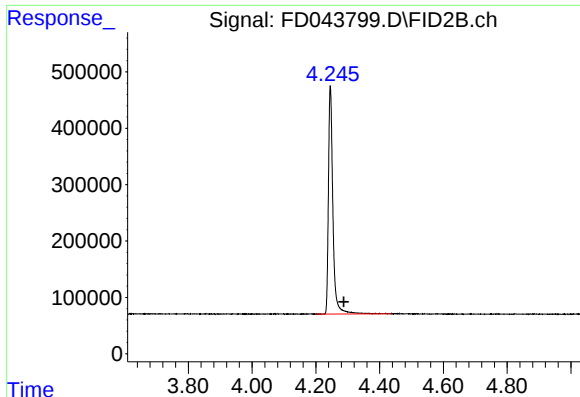
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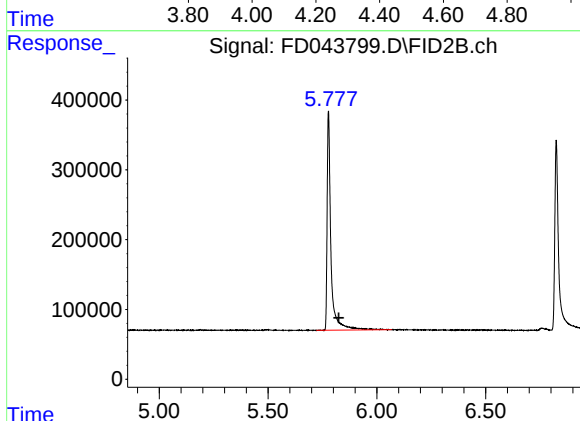
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.246 min
Delta R.T.: -0.042 min
Response: 3920353
Conc: 19.69 ug/ml

Instrument :
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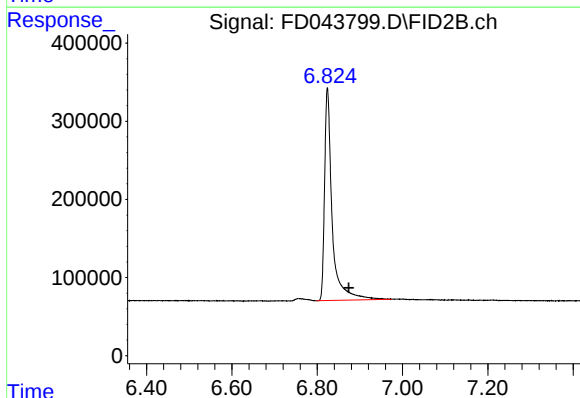
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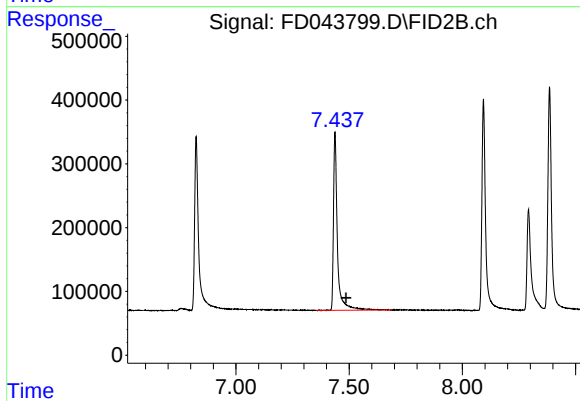
#2 Naphthalene (C11.7)

R.T.: 5.778 min
Delta R.T.: -0.047 min
Response: 3857390
Conc: 19.19 ug/ml



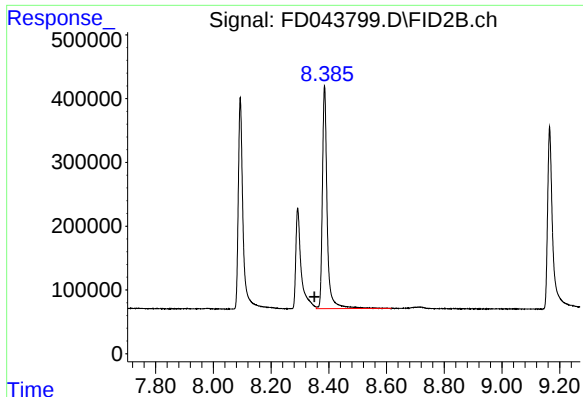
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.049 min
Response: 3375524
Conc: 18.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.049 min
Response: 3399504
Conc: 19.68 ug/ml



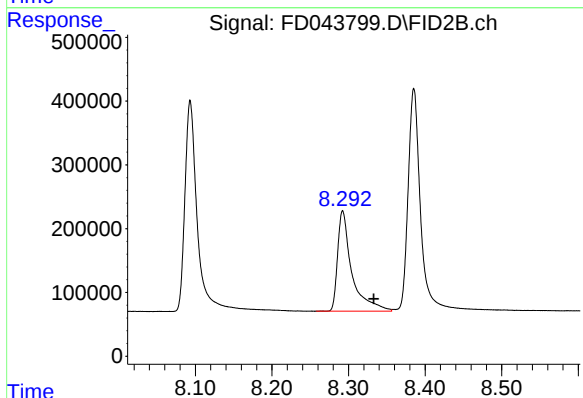
#5 Acenaphthylene (C15.06)

R.T.: 8.386 min
Delta R.T.: 0.036 min
Response: 4044402
Conc: 20.23 ug/ml

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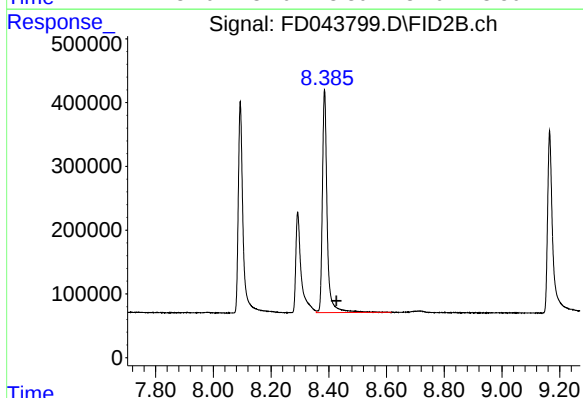
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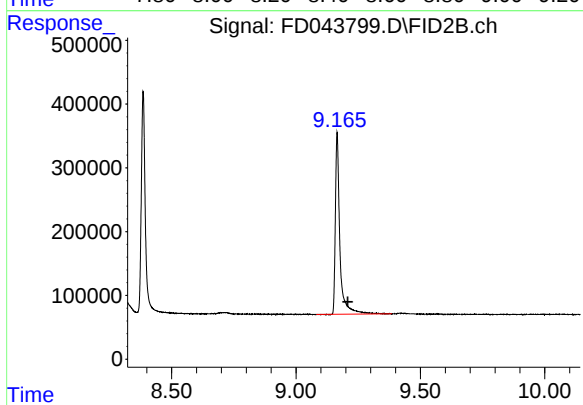
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.294 min
Delta R.T.: -0.039 min
Response: 2031565
Conc: 20.20 ug/ml



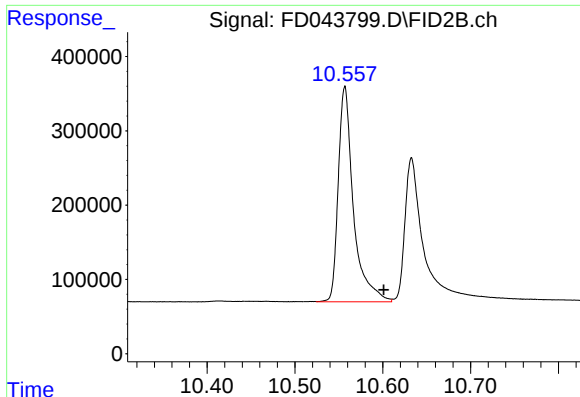
#7 Acenaphthene (C15.5)

R.T.: 8.386 min
Delta R.T.: -0.040 min
Response: 4044402
Conc: 18.81 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.166 min
Delta R.T.: -0.042 min
Response: 3624199
Conc: 18.90 ug/ml



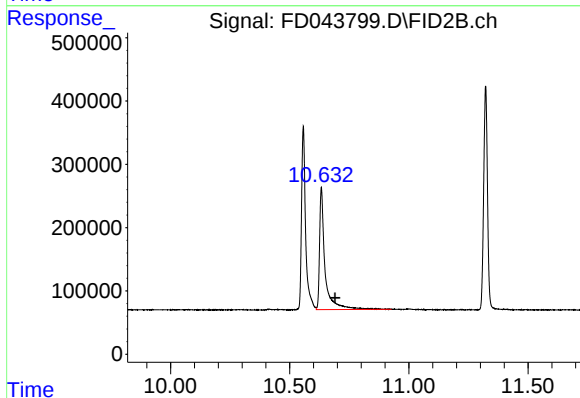
#9 Phenanthrene (C19.36)

R.T.: 10.557 min
Delta R.T.: -0.044 min
Response: 3482062
Conc: 19.36 ug/ml

Instrument :
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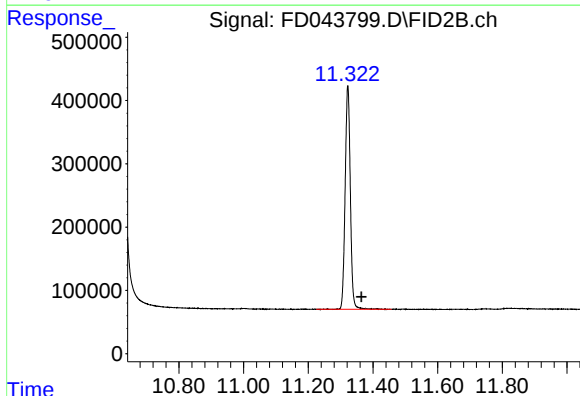
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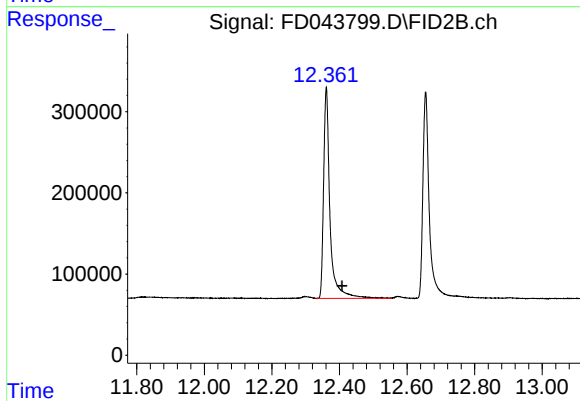
#10 Anthracene (C19.43)

R.T.: 10.634 min
Delta R.T.: -0.057 min
Response: 3078758
Conc: 15.83 ug/ml



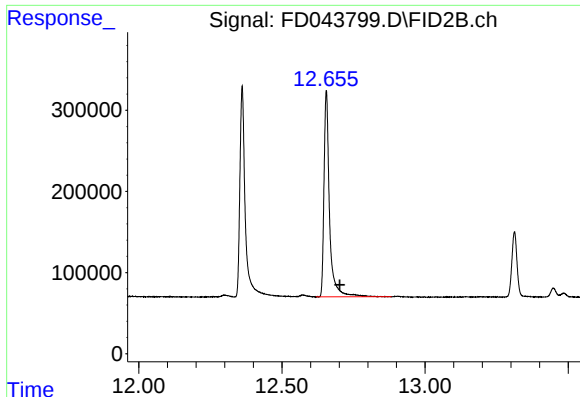
#11 ortho-Terphenyl (SURR)

R.T.: 11.322 min
Delta R.T.: -0.043 min
Response: 3925841
Conc: 18.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.361 min
Delta R.T.: -0.047 min
Response: 3420962
Conc: 18.76 ug/ml



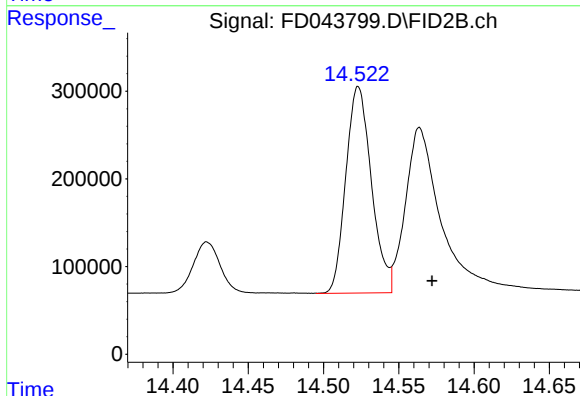
#13 Pyrene (C20.8)

R.T.: 12.656 min
Delta R.T.: -0.046 min
Response: 3414651
Conc: 18.29 ug/ml

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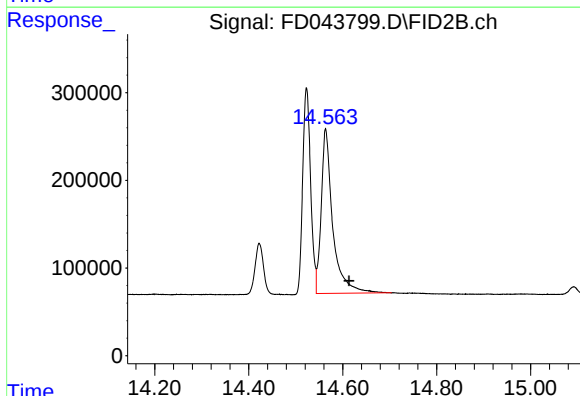
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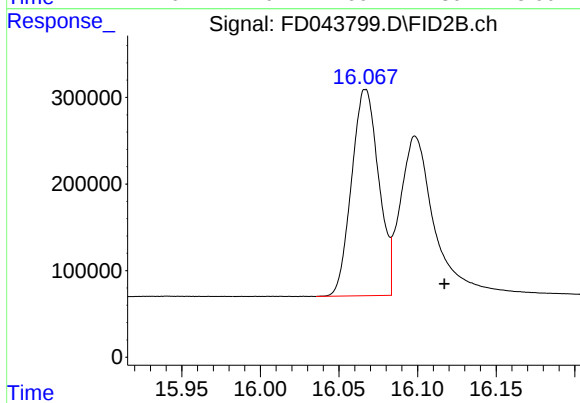
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.522 min
Delta R.T.: -0.050 min
Response: 2796583
Conc: 19.55 ug/ml m



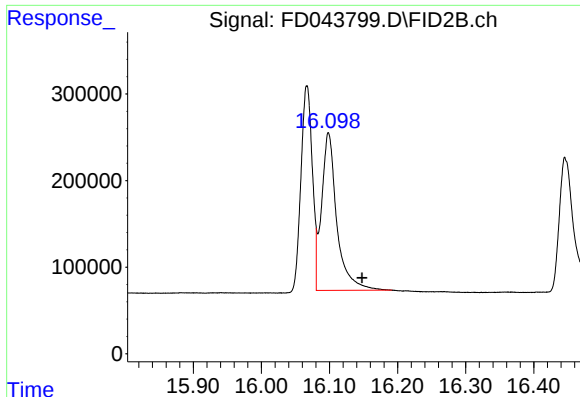
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: -0.051 min
Response: 3190996
Conc: 16.53 ug/ml m



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

R.T.: 16.067 min
Delta R.T.: -0.050 min
Response: 2876522
Conc: 19.93 ug/ml m



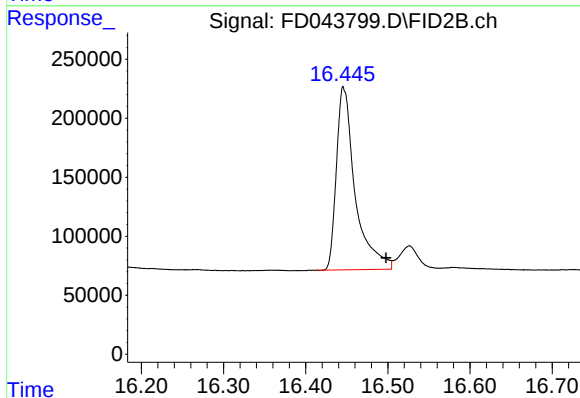
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.098 min
Delta R.T.: -0.050 min
Response: 2847983
Conc: 16.56 ug/ml

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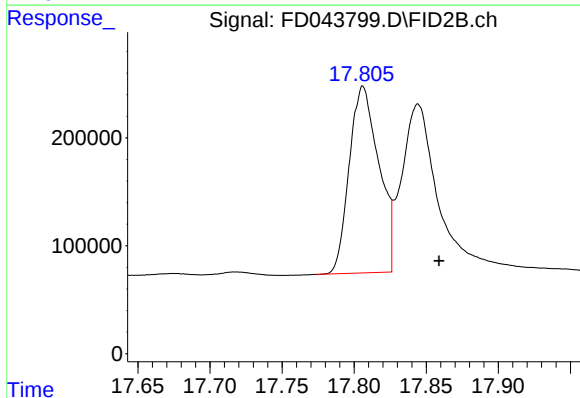
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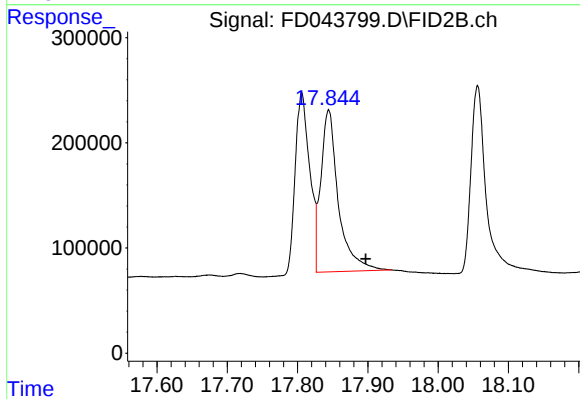
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.445 min
Delta R.T.: -0.053 min
Response: 2454597
Conc: 16.90 ug/ml m



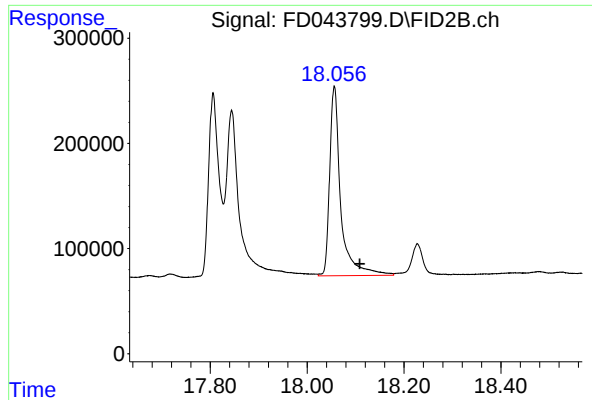
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.805 min
Delta R.T.: -0.054 min
Response: 2471931
Conc: 23.90 ug/ml m



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

R.T.: 17.844 min
Delta R.T.: -0.053 min
Response: 2664274
Conc: 18.93 ug/ml m



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

R.T.: 18.056 min
Delta R.T.: -0.053 min
Response: 2876043
Conc: 22.59 ug/ml

Instrument :

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