

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040308.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 19:43
 Operator : AJ\MA
 Sample : PB141625BSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141625BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2022
 Supervised By :Ankita Jodhani 01/03/2022

Integration File: autoint1.e
 Quant Time: Dec 31 03:42:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	6.814	5930047	45.131 ug/ml
Spiked Amount 50.000		Recovery =	90.26%
6) S 2-Fluorobiphenyl (SURR)	7.665	4995636	58.834 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.67%
11) S ortho-Terphenyl (SURR)	10.702	9096353	65.100 ug/ml
Spiked Amount 50.000		Recovery =	130.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.666	1732521	11.520 ug/mlm
2) T Naphthalene (C11.7)	5.162	2975122	19.721 ug/ml
3) T 2-Methylnaphthalene (...)	6.204	4183259	27.860 ug/ml
5) T Acenaphthylene (C15.06)	7.469	5869909	43.117 ug/ml
7) T Acenaphthene (C15.5)	7.765	6711413	46.200 ug/ml
8) T Flouorene (C16.55)	8.542	7817921	56.616 ug/ml
9) T Phenanthrene (C19.36)	9.930	8805090	65.314 ug/ml
10) T Anthracene (C19.43)	10.005	8418538	66.940 ug/ml
12) T Fluoranthene (C21.85)	11.734	8977944	66.848 ug/ml
13) T Pyrene (C20.8)	12.030	8840260	67.674 ug/ml
14) T Benzo[a]anthracene (C...	13.895	8453469	72.350 ug/ml
15) T Chrysene (C27.41)	13.941	8335951	66.675 ug/ml
16) T benzo[b]fluoranthene ...	15.442	8621562	69.507 ug/ml
17) T Bnezo[k]fluoranthene ...	15.479	8268543	66.545 ug/mlm
18) T Benzo[a]pyrene (C31.34)	15.818	7618132	63.284 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.180	7726702	66.573 ug/ml
20) T Dibenz[a,h]anthracene...	17.223	7778598	68.438 ug/ml
21) T Benzo[g,h,i]perylene ...	17.438	8142080	66.717 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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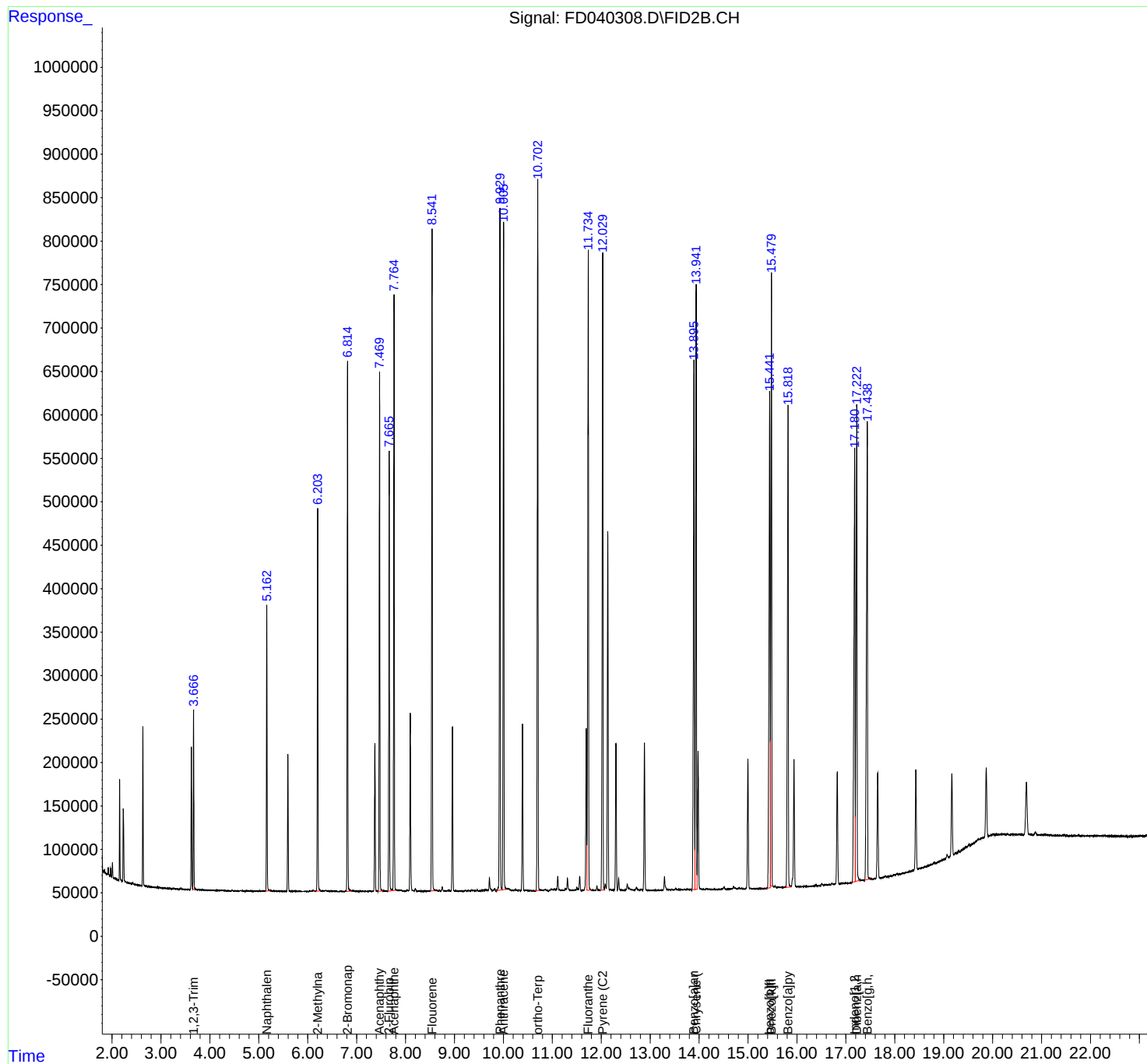
Instrument :
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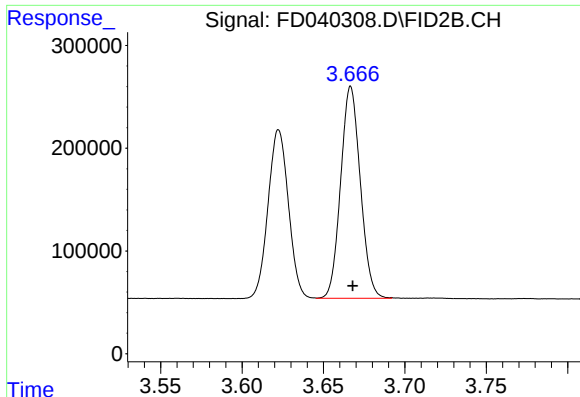
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.666 min
Delta R.T.: -0.002 min
Response: 1732521
Conc: 11.52 ug/ml

Instrument :

FID_D

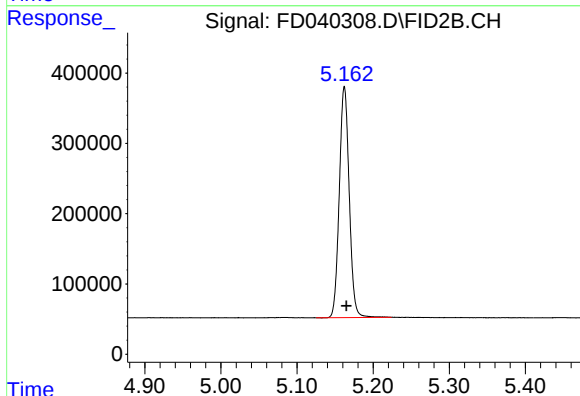
ClientSampleId :

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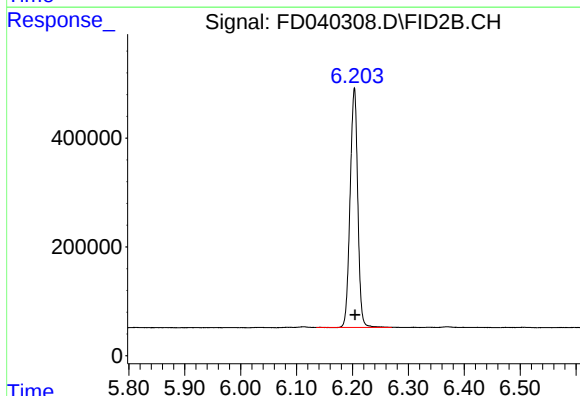
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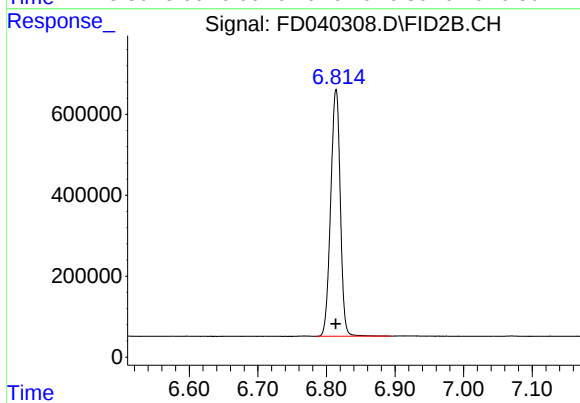
#2 Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 2975122
Conc: 19.72 ug/ml



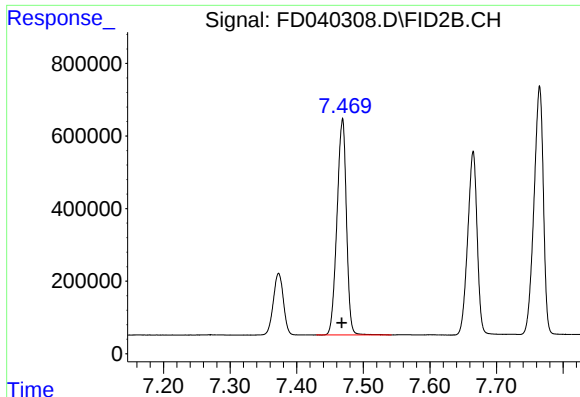
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 4183259
Conc: 27.86 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 5930047
Conc: 45.13 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.469 min
Delta R.T.: 0.001 min
Response: 5869909
Conc: 43.12 ug/ml

Instrument :

FID_D

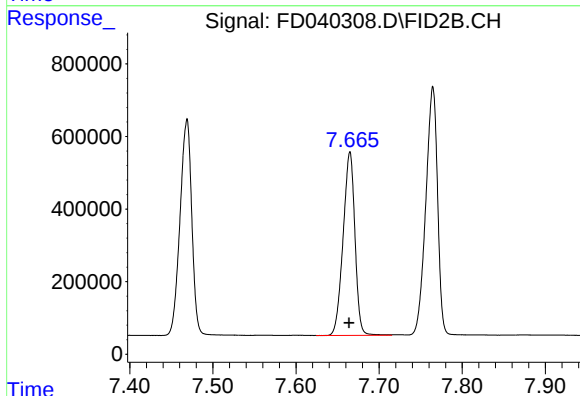
ClientSampleId :

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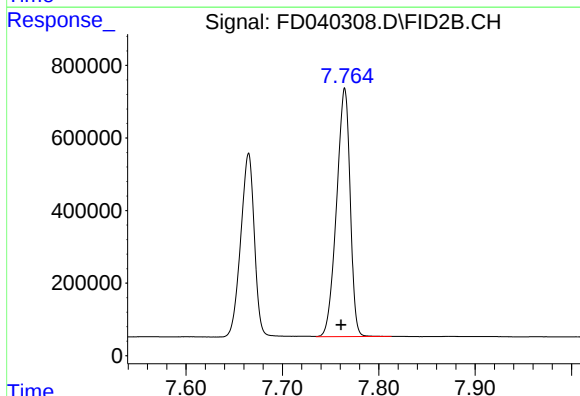
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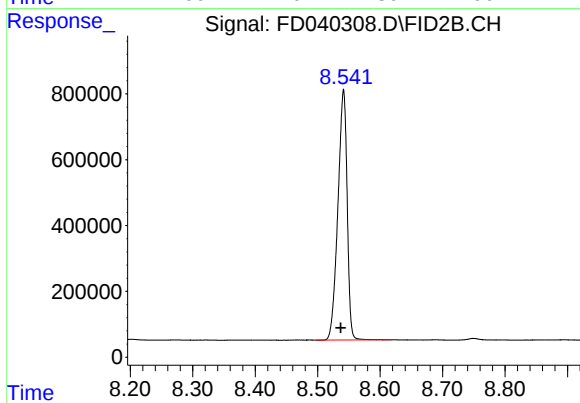
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.665 min
Delta R.T.: 0.001 min
Response: 4995636
Conc: 58.83 ug/ml



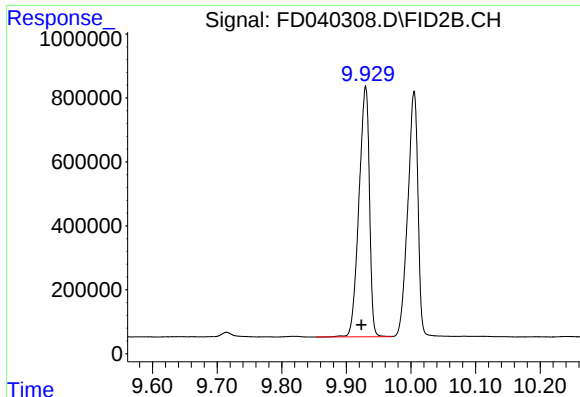
#7 Acenaphthene (C15.5)

R.T.: 7.765 min
Delta R.T.: 0.004 min
Response: 6711413
Conc: 46.20 ug/ml



#8 Fluorene (C16.55)

R.T.: 8.542 min
Delta R.T.: 0.005 min
Response: 7817921
Conc: 56.62 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 9.930 min
Delta R.T.: 0.006 min
Response: 8805090
Conc: 65.31 ug/ml

Instrument :

FID_D

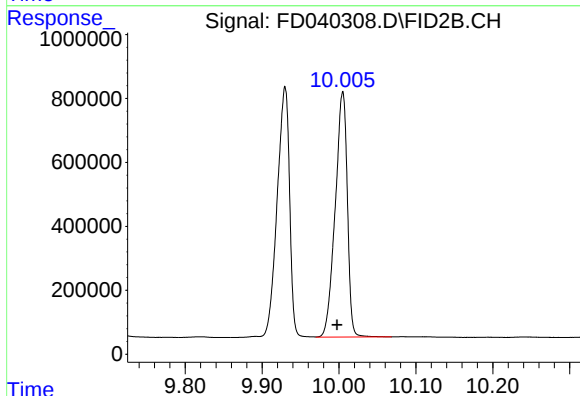
ClientSampleId :

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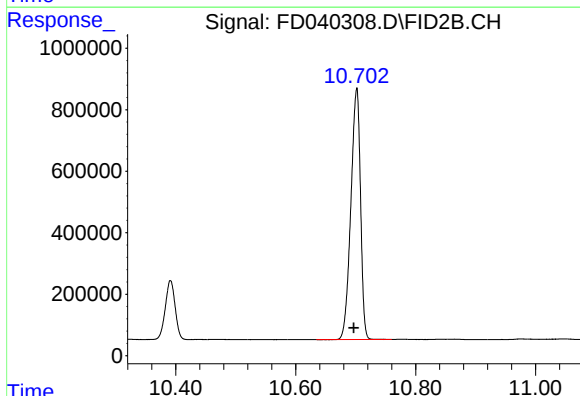
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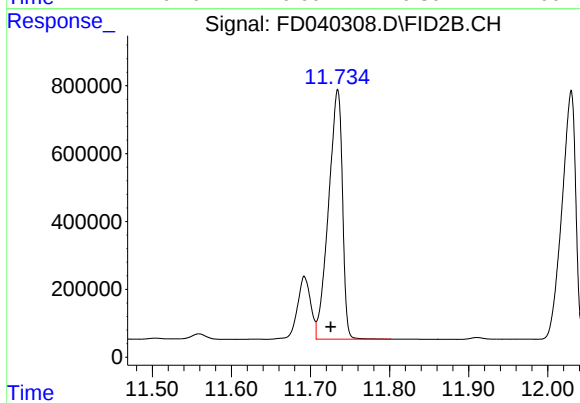
#10 Anthracene (C19.43)

R.T.: 10.005 min
Delta R.T.: 0.008 min
Response: 8418538
Conc: 66.94 ug/ml



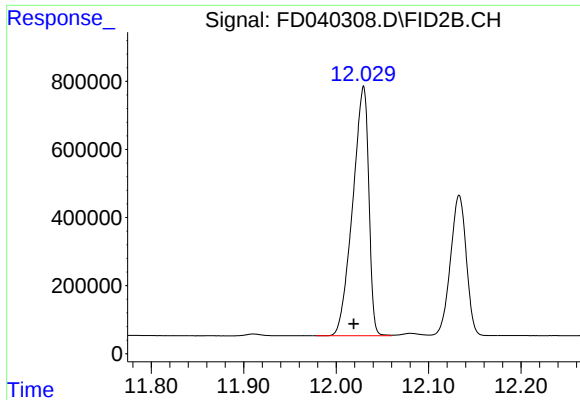
#11 ortho-Terphenyl (SURR)

R.T.: 10.702 min
Delta R.T.: 0.005 min
Response: 9096353
Conc: 65.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.734 min
Delta R.T.: 0.009 min
Response: 8977944
Conc: 66.85 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.030 min
Delta R.T.: 0.010 min
Response: 8840260
Conc: 67.67 ug/ml

Instrument :

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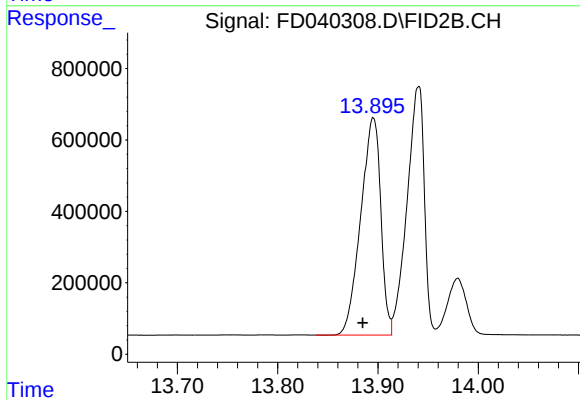
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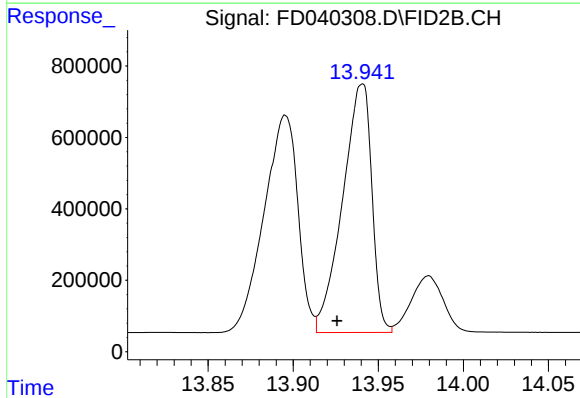
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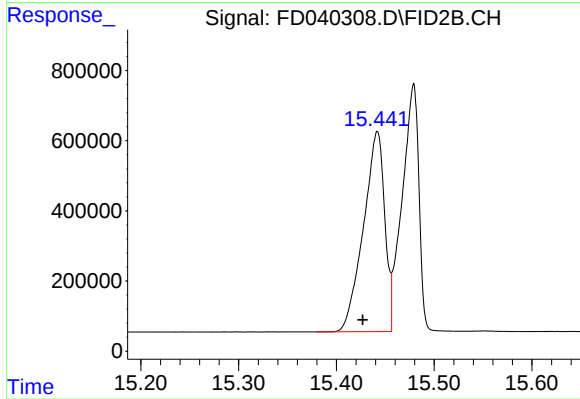
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.895 min
Delta R.T.: 0.011 min
Response: 8453469
Conc: 72.35 ug/ml



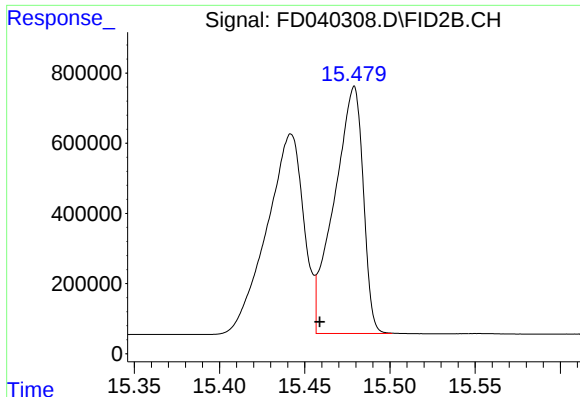
#15 Chrysene (C27.41)

R.T.: 13.941 min
Delta R.T.: 0.015 min
Response: 8335951
Conc: 66.67 ug/ml



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

R.T.: 15.442 min
Delta R.T.: 0.015 min
Response: 8621562
Conc: 69.51 ug/ml



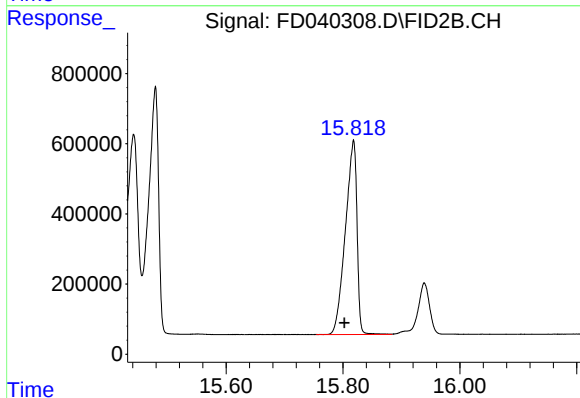
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.479 min
Delta R.T.: 0.020 min
Response: 8268543
Conc: 66.54 ug/ml

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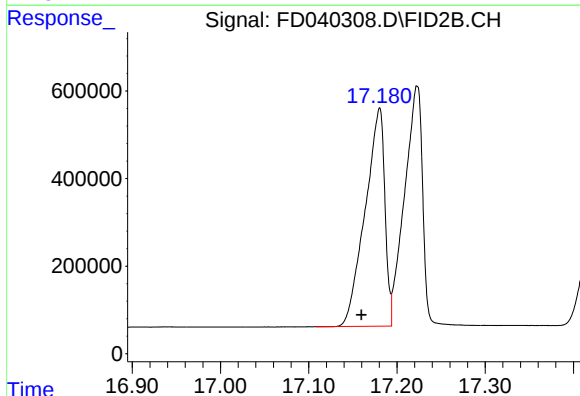
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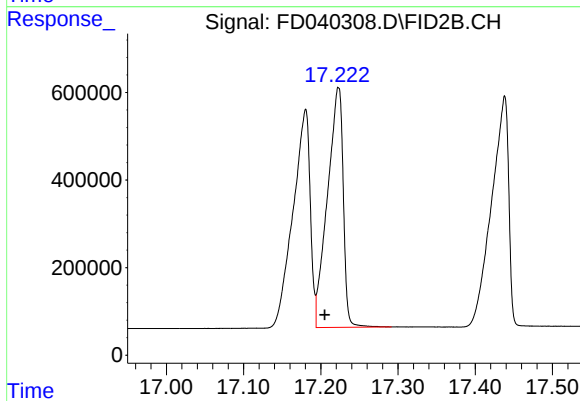
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.818 min
Delta R.T.: 0.015 min
Response: 7618132
Conc: 63.28 ug/ml



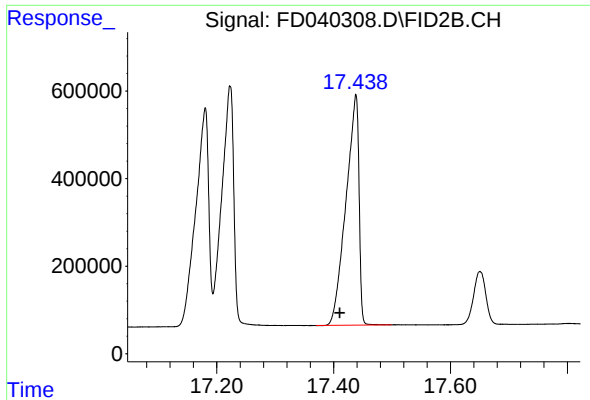
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.180 min
Delta R.T.: 0.020 min
Response: 7726702
Conc: 66.57 ug/ml



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

R.T.: 17.223 min
Delta R.T.: 0.018 min
Response: 7778598
Conc: 68.44 ug/ml



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

R.T.: 17.438 min
Delta R.T.: 0.028 min
Response: 8142080
Conc: 66.72 ug/ml

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