

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048044.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 16:17
 Operator : YP/AJ
 Sample : P3245-28MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-CTW2-BL-EPH-28MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :Ankita Jodhani 07/19/2024

Integration File: autoint1.e
 Quant Time: Jul 18 03:42:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.411	9274804	62.404 ug/ml
Spiked Amount 50.000		Recovery =	124.81%
6) S 2-Fluorobiphenyl (SURR)	8.262	6132572	64.799 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	129.60%
11) S ortho-Terphenyl (SURR)	11.300	7771515	46.447 ug/ml
Spiked Amount 50.000		Recovery =	92.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	6224864	37.174 ug/ml
2) T Naphthalene (C11.7)	5.749	7668622	44.375 ug/ml
3) T 2-Methylnaphthalene (...)	6.797	8391627	48.374 ug/ml
5) T Acenaphthylene (C15.06)	8.066	8916720	52.032 ug/ml
7) T Acenaphthene (C15.5)	8.361	8920411	51.421 ug/ml
8) T Flouorene (C16.55)	9.140	9048889	55.713 ug/mlm
9) T Phenanthrene (C19.36)	10.530	9323886	58.710 ug/ml
10) T Anthracene (C19.43)	10.605	9276699	58.751 ug/ml
12) T Fluoranthene (C21.85)	12.335	9424912	59.526 ug/ml
13) T Pyrene (C20.8)	12.630	9460278	59.826 ug/ml
14) T Benzo[a]anthracene (C...	14.499	8774362	64.268 ug/ml
15) T Chrysene (C27.41)	14.542	8754896	54.310 ug/ml
16) T benzo[b]fluoranthene ...	16.048	8536398	59.307 ug/ml
17) T Bnezo[k]fluoranthene ...	16.083	8497983	56.897 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.423	8033709	56.721 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	8795767	77.986 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	7950135	54.702 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.043	7787798	52.845 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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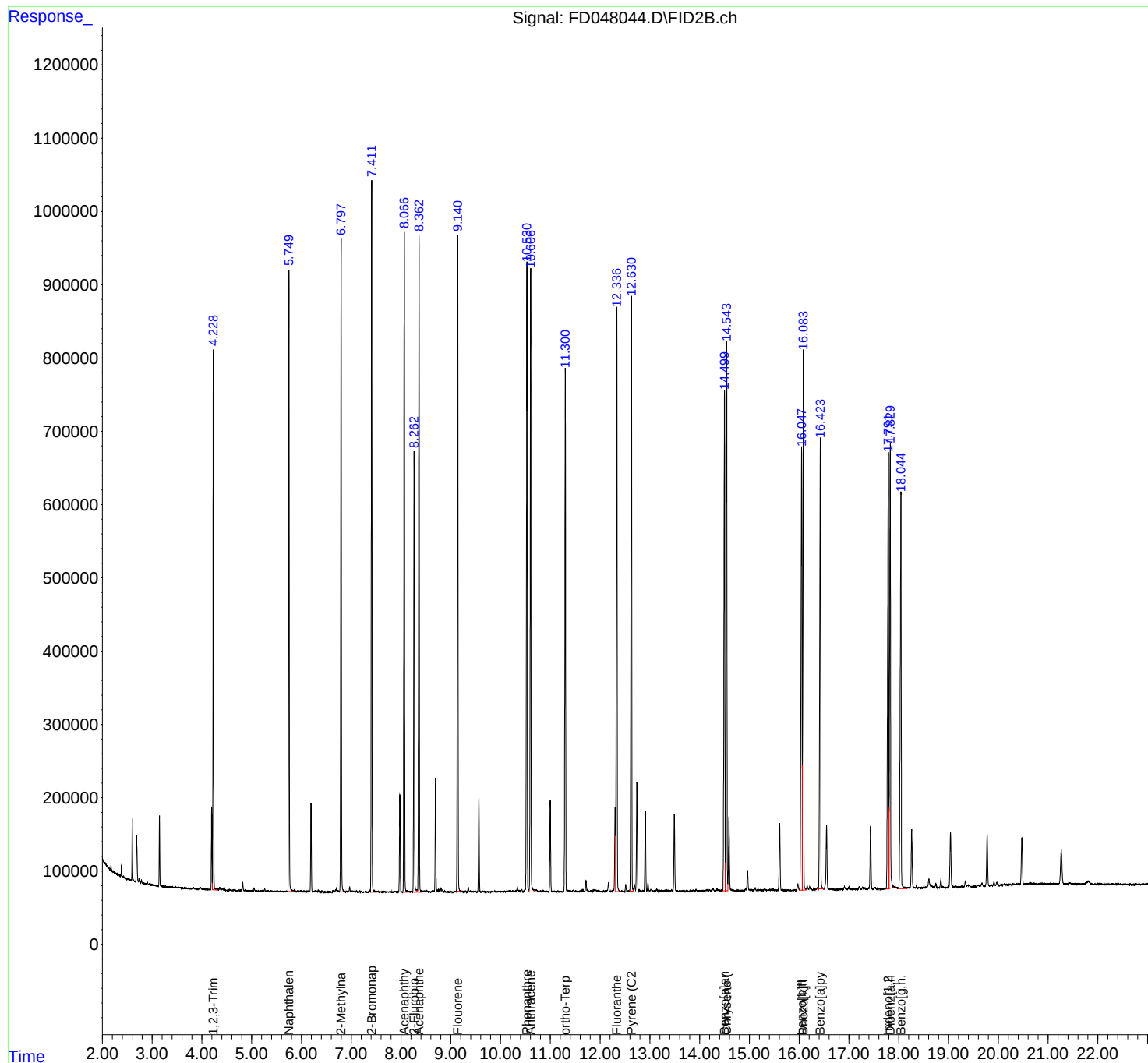
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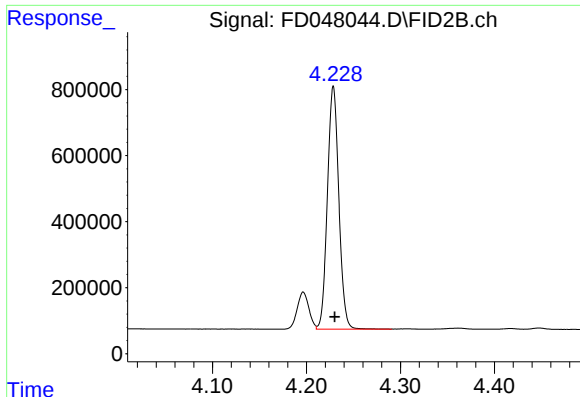
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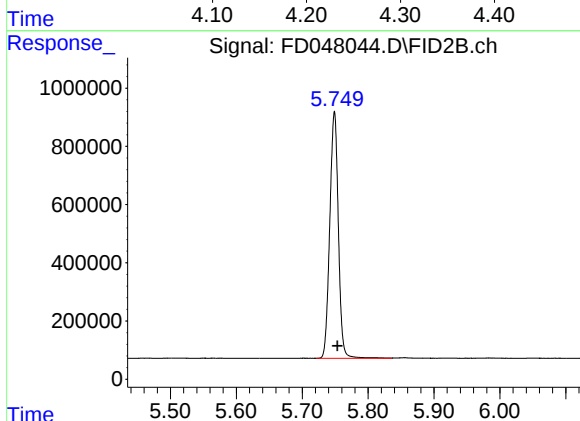
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.229 min
Delta R.T.: -0.001 min
Response: 6224864
Conc: 37.17 ug/ml

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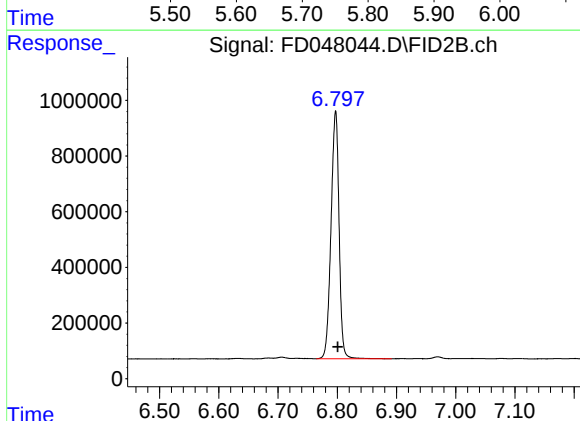
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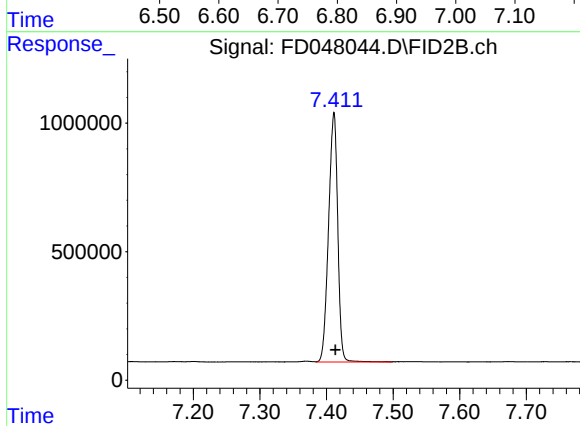
#2 Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: -0.005 min
Response: 7668622
Conc: 44.37 ug/ml



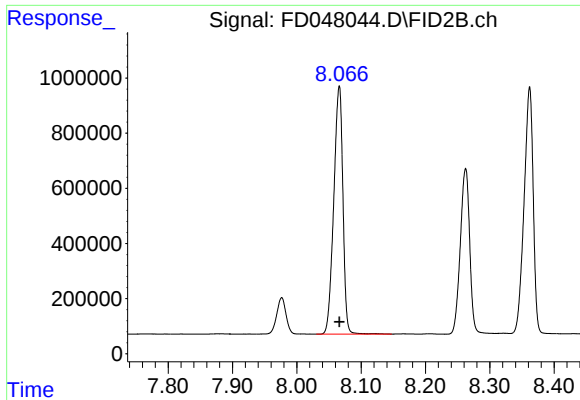
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 8391627
Conc: 48.37 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.411 min
Delta R.T.: -0.003 min
Response: 9274804
Conc: 62.40 ug/ml



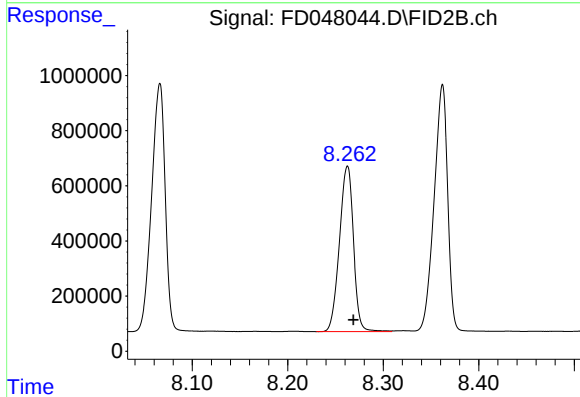
#5 Acenaphthylene (C15.06)

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 8916720
Conc: 52.03 ug/ml

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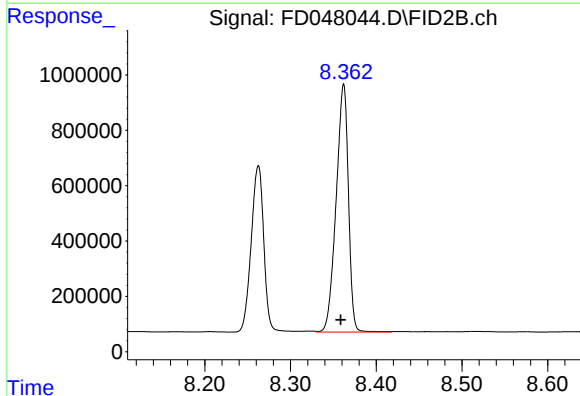
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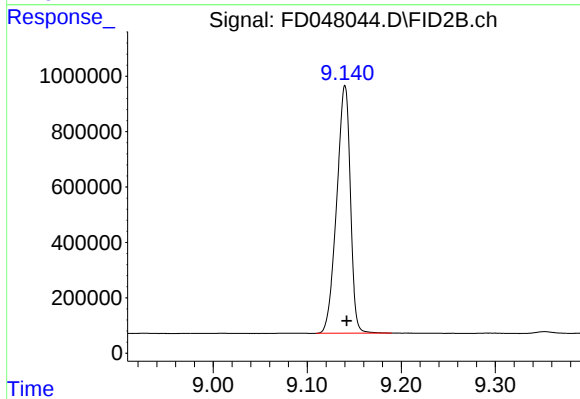
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.262 min
Delta R.T.: -0.007 min
Response: 6132572
Conc: 64.80 ug/ml



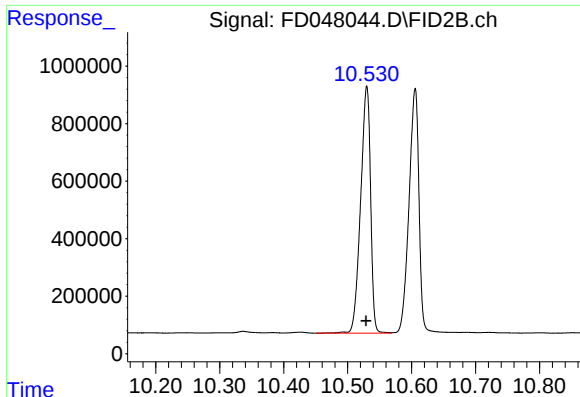
#7 Acenaphthene (C15.5)

R.T.: 8.361 min
Delta R.T.: 0.003 min
Response: 8920411
Conc: 51.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.140 min
Delta R.T.: -0.002 min
Response: 9048889
Conc: 55.71 ug/ml m



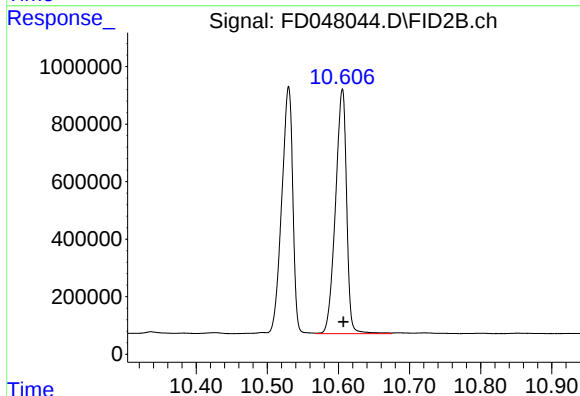
#9 Phenanthrene (C19.36)

R.T.: 10.530 min
Delta R.T.: 0.000 min
Response: 9323886
Conc: 58.71 ug/ml

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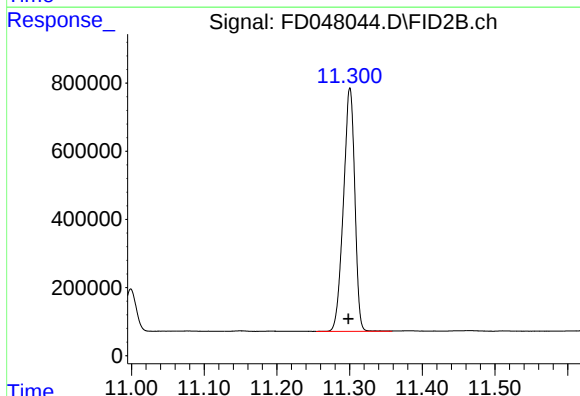
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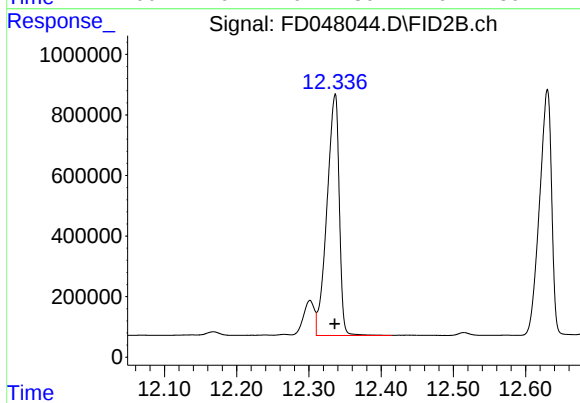
#10 Anthracene (C19.43)

R.T.: 10.605 min
Delta R.T.: -0.002 min
Response: 9276699
Conc: 58.75 ug/ml



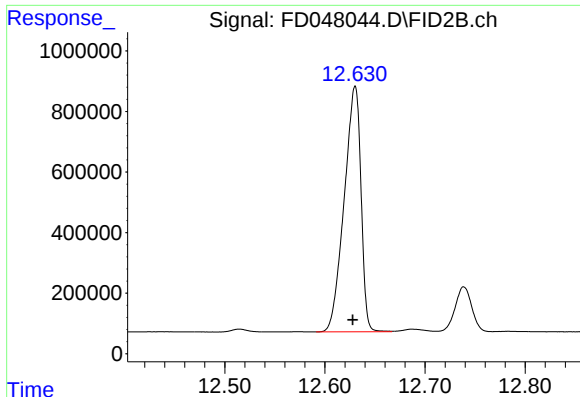
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: 0.002 min
Response: 7771515
Conc: 46.45 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.335 min
Delta R.T.: 0.000 min
Response: 9424912
Conc: 59.53 ug/ml



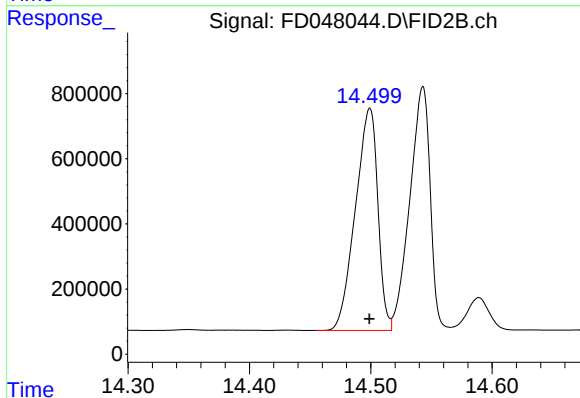
#13 Pyrene (C20.8)

R.T.: 12.630 min
Delta R.T.: 0.002 min
Response: 9460278
Conc: 59.83 ug/ml

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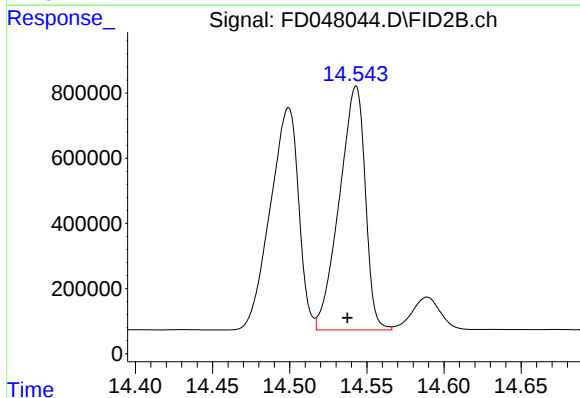
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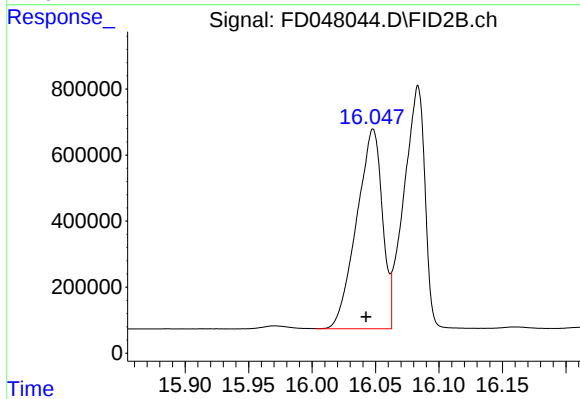
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.499 min
Delta R.T.: 0.000 min
Response: 8774362
Conc: 64.27 ug/ml



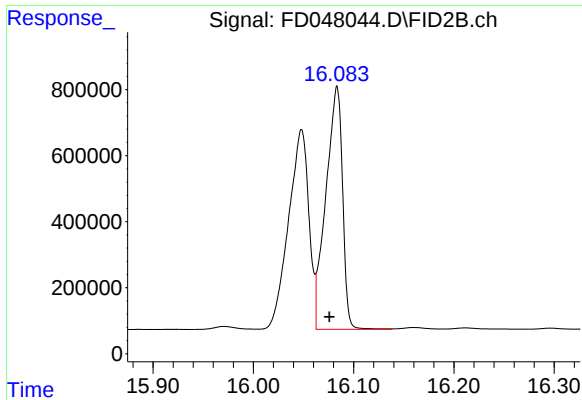
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: 0.005 min
Response: 8754896
Conc: 54.31 ug/ml



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

R.T.: 16.048 min
Delta R.T.: 0.005 min
Response: 8536398
Conc: 59.31 ug/ml



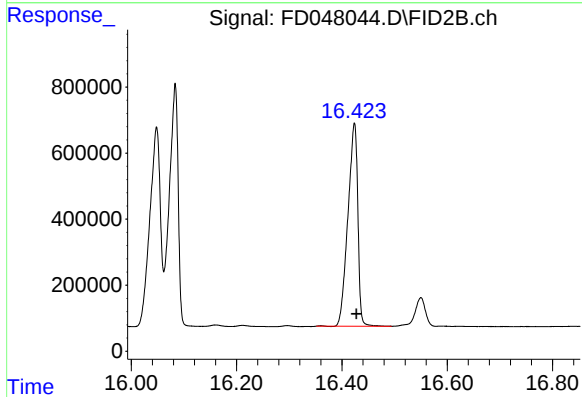
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.083 min
Delta R.T.: 0.007 min
Response: 8497983
Conc: 56.90 ug/ml

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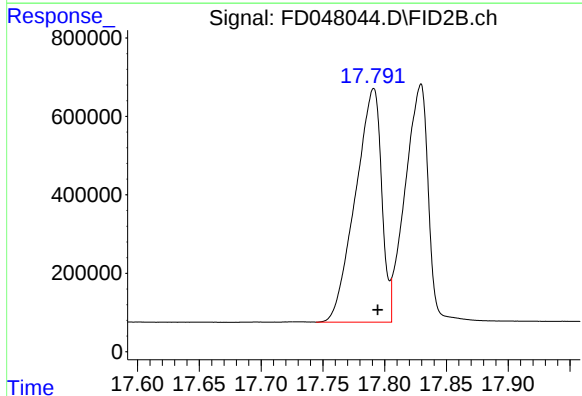
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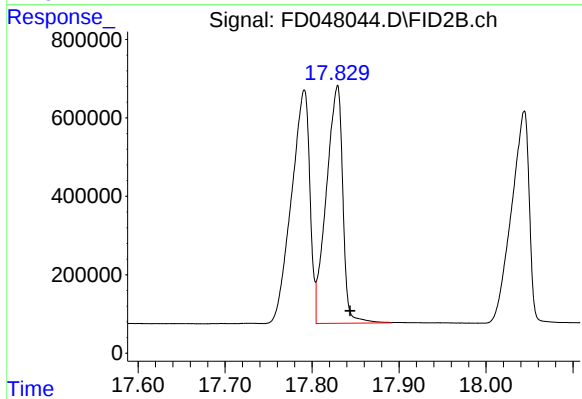
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.423 min
Delta R.T.: -0.004 min
Response: 8033709
Conc: 56.72 ug/ml



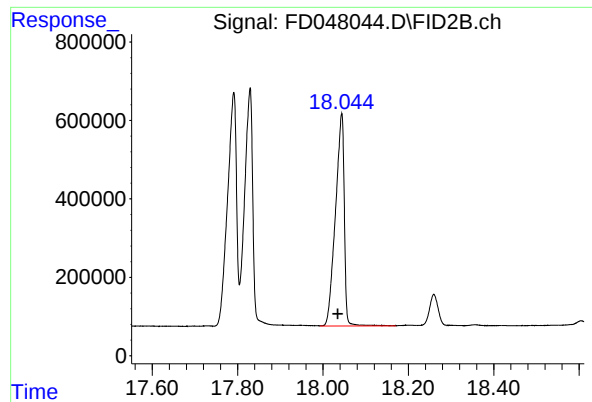
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: -0.004 min
Response: 8795767
Conc: 77.99 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.015 min
Response: 7950135
Conc: 54.70 ug/ml m



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

R.T.: 18.043 min
Delta R.T.: 0.008 min
Response: 7787798
Conc: 52.85 ug/ml

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