

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AR\
 Data File : FF015330.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 17:46
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 00:48:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 2025
 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	6812939	51.613 ug/ml
Spiked Amount 50.000		Recovery =	103.23%
6) S 2-Fluorobiphenyl (SURR)	8.865	4559152	54.013 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	108.03%
11) S ortho-Terphenyl (SURR)	11.930	6655642	38.663 ug/ml
Spiked Amount 50.000		Recovery =	77.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	470111	2.931 ug/ml
2) T Naphthalene (C11.7)	6.269	517559	3.228 ug/mlm
3) T 2-Methylnaphthalene (...)	7.364	518398	3.260 ug/ml
5) T Acenaphthylene (C15.06)	8.663	512512	3.225 ug/ml
7) T Acenaphthene (C15.5)	8.961	551424	3.382 ug/ml
8) T Flouorene (C16.55)	9.751	497899	3.162 ug/ml
9) T Phenanthrene (C19.36)	11.156	480088	3.007 ug/ml
10) T Anthracene (C19.43)	11.232	473578	3.208 ug/ml
12) T Fluoranthene (C21.85)	12.976	503229	3.042 ug/ml
13) T Pyrene (C20.8)	13.274	500764	3.092 ug/ml
14) T Benzo[a]anthracene (C...	15.156	394807	2.647 ug/mlm
15) T Chrysene (C27.41)	15.197	555161	3.574 ug/mlm
16) T benzo[b]fluoranthene ...	16.712	411783	2.783 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.744	499183	3.531 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.096	421720	2.968 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.469	346666	2.751 ug/mlm
20) T Dibenz[a,h]anthracene...	18.514	484312	3.273 ug/ml
21) T Benzo[g,h,i]perylene ...	18.719	396141	2.935 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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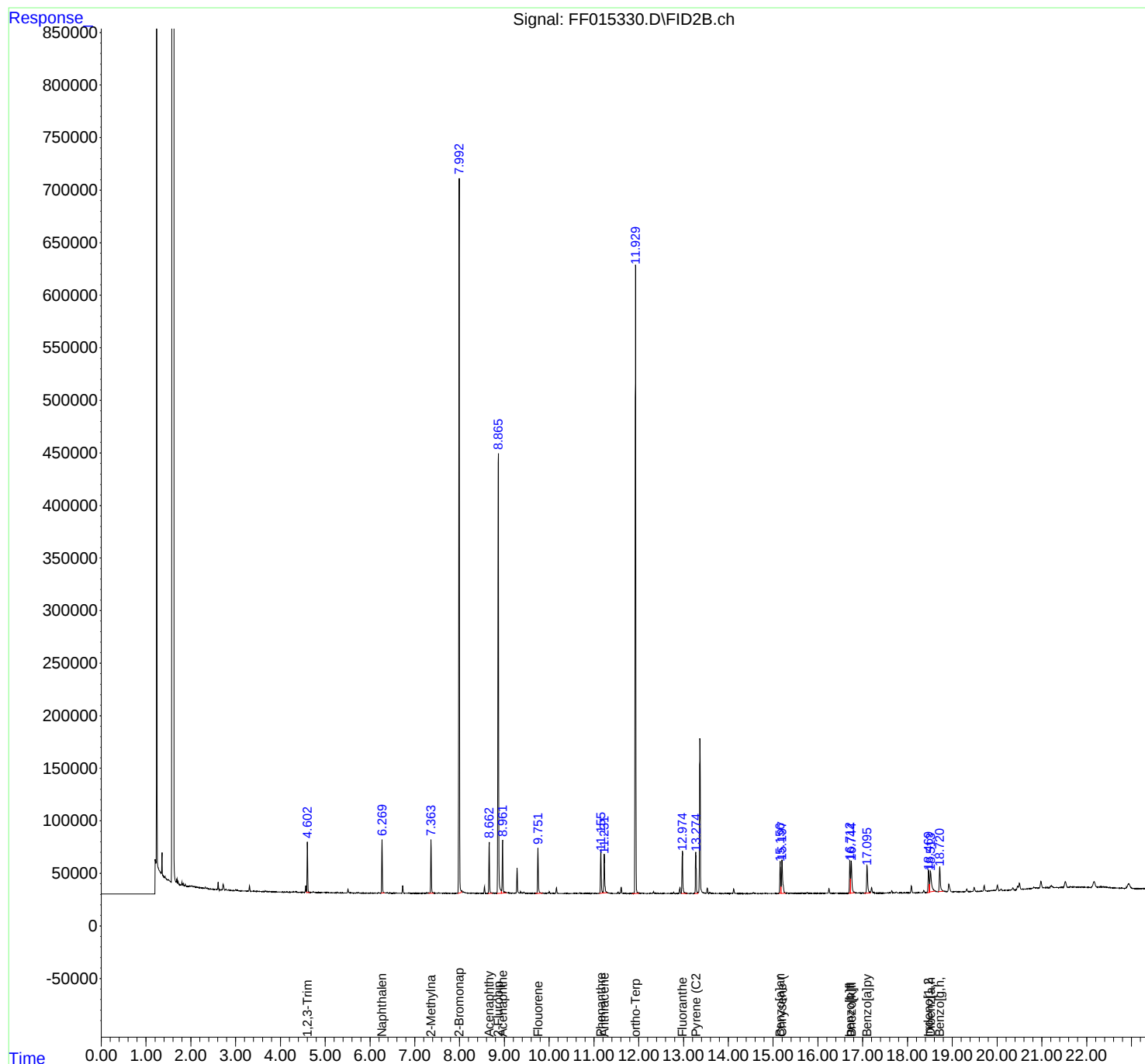
Instrument :
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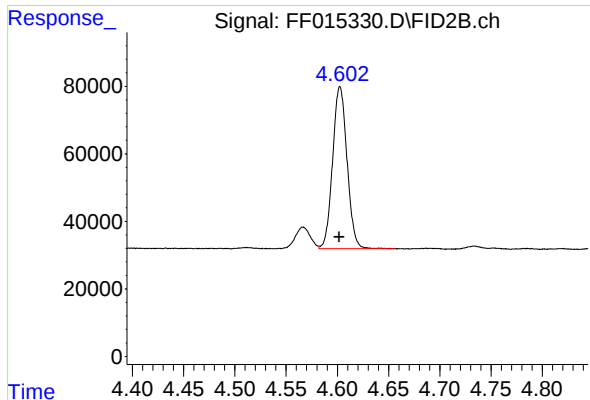
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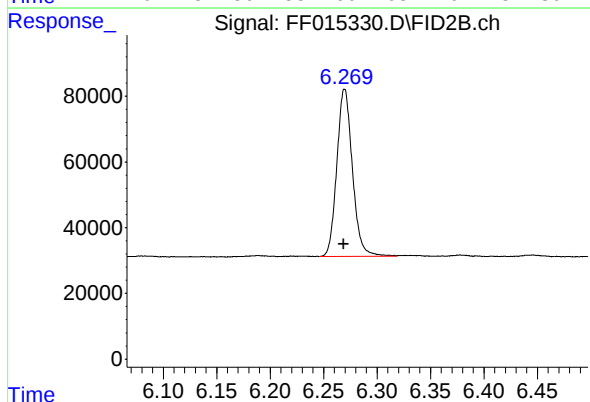
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 470111
Conc: 2.93 ug/ml

Instrument :
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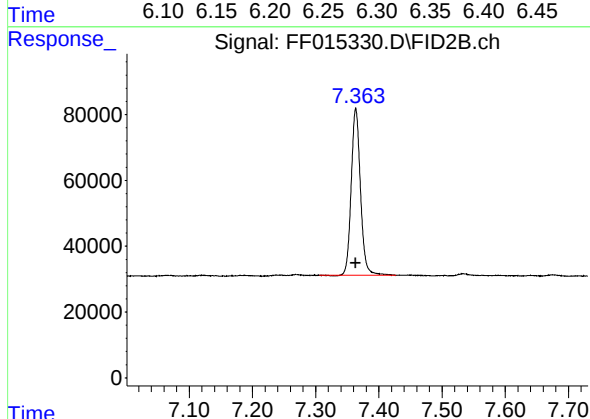
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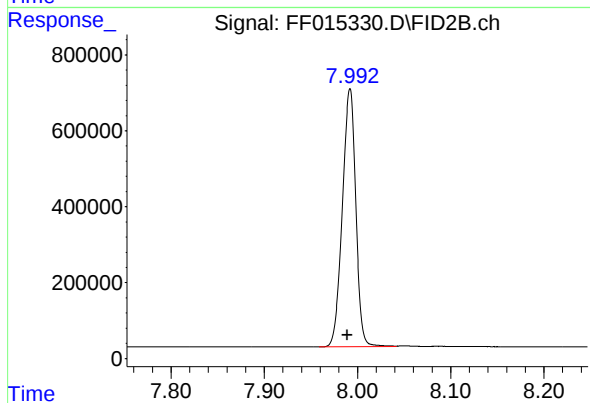
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 517559
Conc: 3.23 ug/ml m



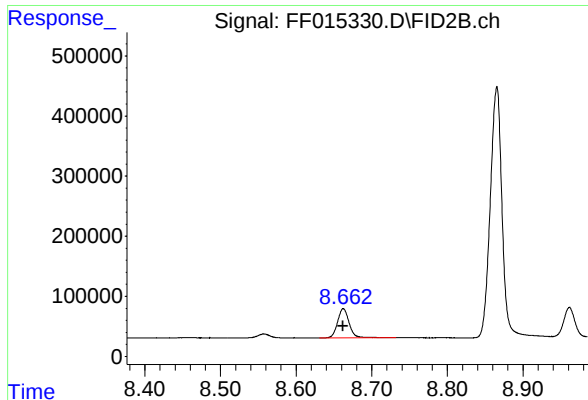
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 518398
Conc: 3.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.992 min
Delta R.T.: 0.003 min
Response: 6812939
Conc: 51.61 ug/ml



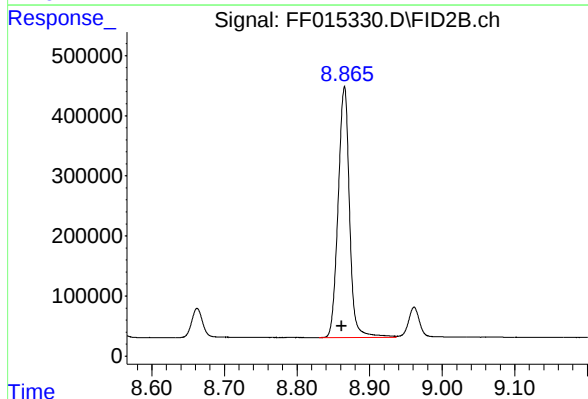
#5 Acenaphthylene (C15.06)

R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 512512
Conc: 3.23 ug/ml

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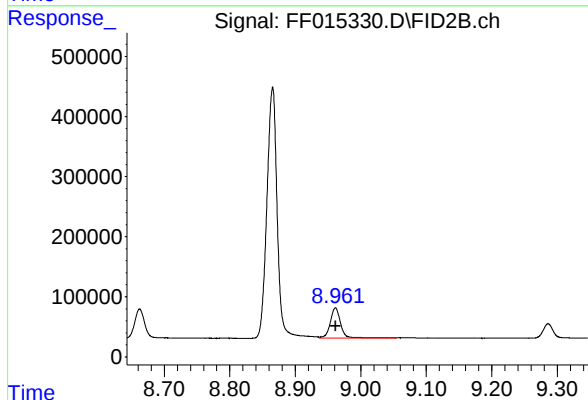
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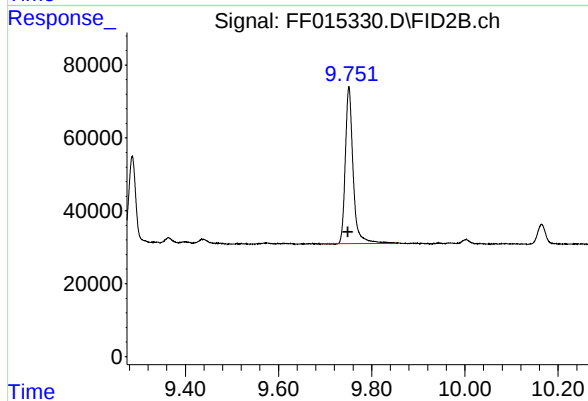
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.865 min
Delta R.T.: 0.004 min
Response: 4559152
Conc: 54.01 ug/ml



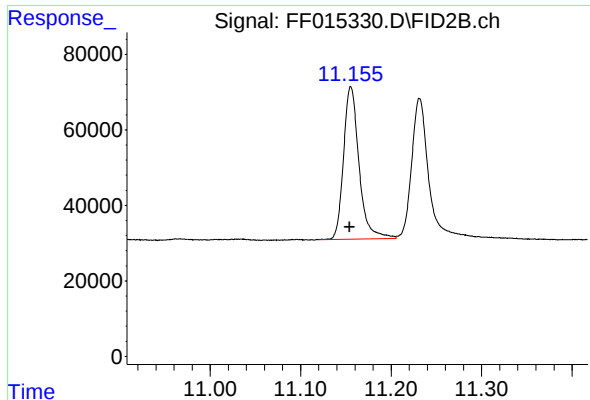
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 551424
Conc: 3.38 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.751 min
Delta R.T.: 0.002 min
Response: 497899
Conc: 3.16 ug/ml



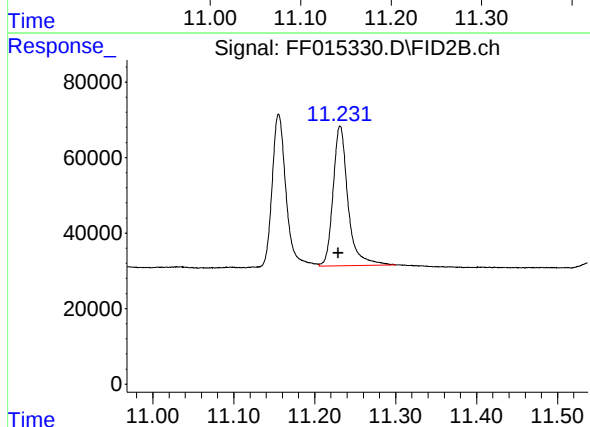
#9 Phenanthrene (C19.36)

R.T.: 11.156 min
Delta R.T.: 0.001 min
Response: 480088
Conc: 3.01 ug/ml

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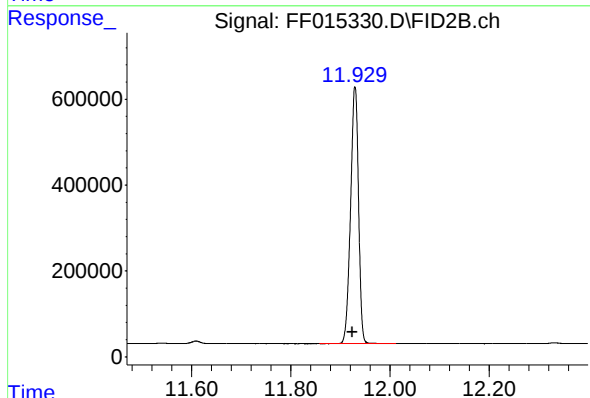
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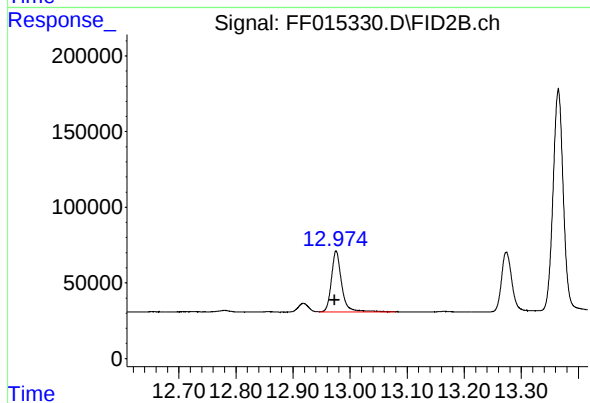
#10 Anthracene (C19.43)

R.T.: 11.232 min
Delta R.T.: 0.003 min
Response: 473578
Conc: 3.21 ug/ml



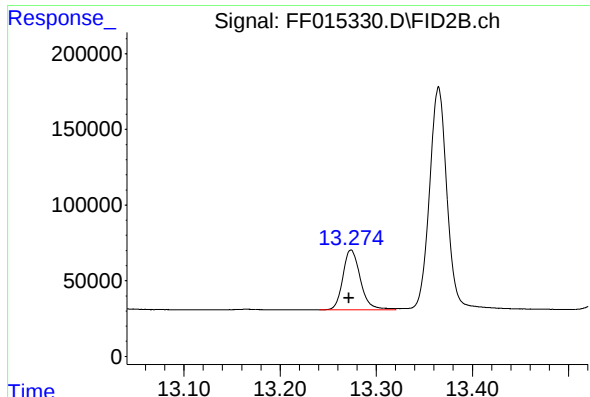
#11 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: 0.005 min
Response: 6655642
Conc: 38.66 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.976 min
Delta R.T.: 0.002 min
Response: 503229
Conc: 3.04 ug/ml



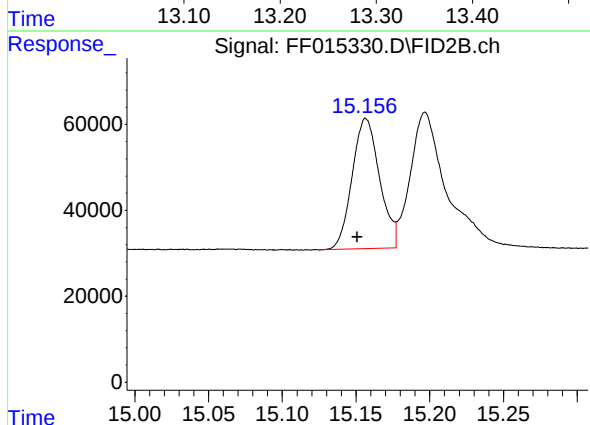
#13 Pyrene (C20.8)

R.T.: 13.274 min
Delta R.T.: 0.002 min
Response: 500764
Conc: 3.09 ug/ml

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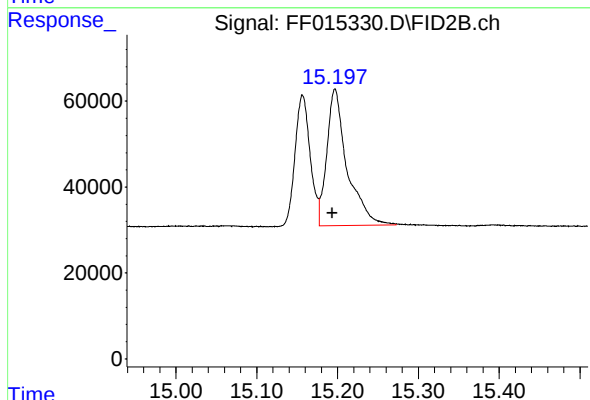
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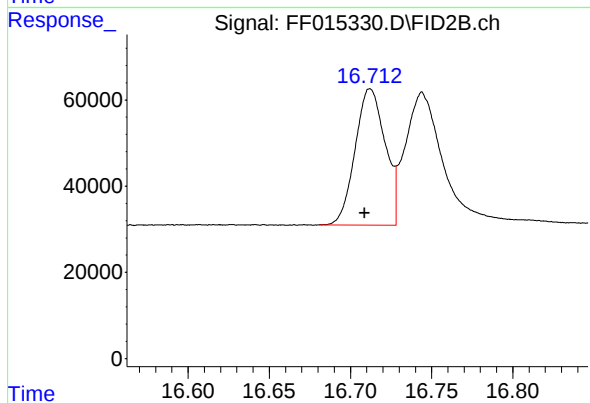
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.156 min
Delta R.T.: 0.005 min
Response: 394807
Conc: 2.65 ug/ml m



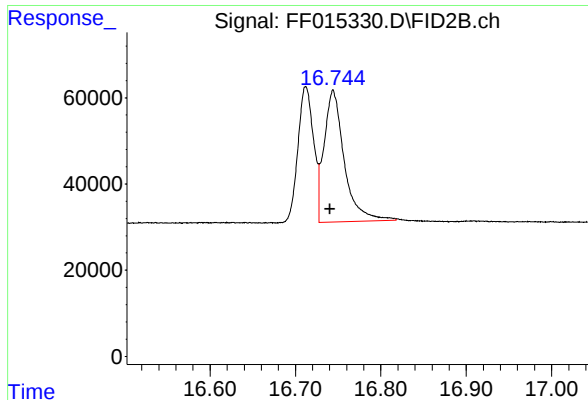
#15 Chrysene (C27.41)

R.T.: 15.197 min
Delta R.T.: 0.003 min
Response: 555161
Conc: 3.57 ug/ml m



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

R.T.: 16.712 min
Delta R.T.: 0.003 min
Response: 411783
Conc: 2.78 ug/ml m



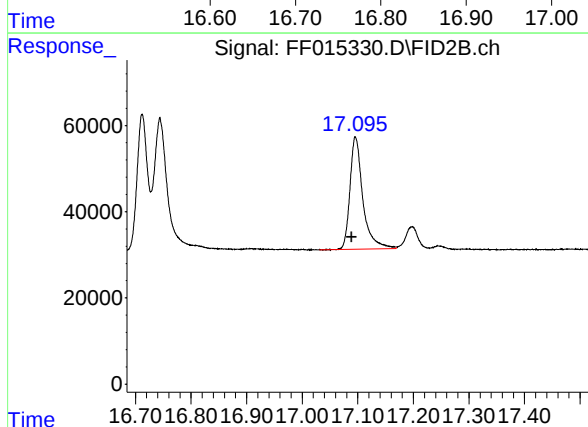
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.744 min
Delta R.T.: 0.003 min
Response: 499183
Conc: 3.53 ug/ml

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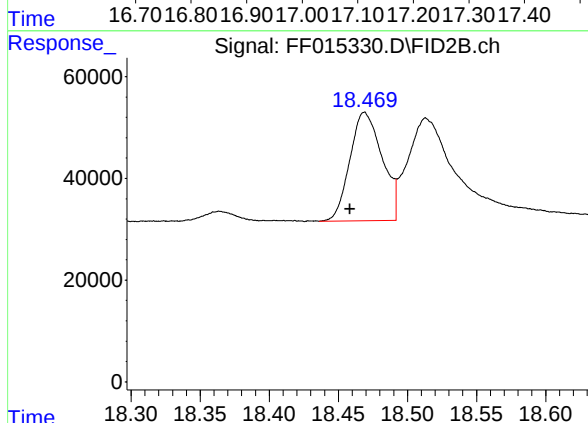
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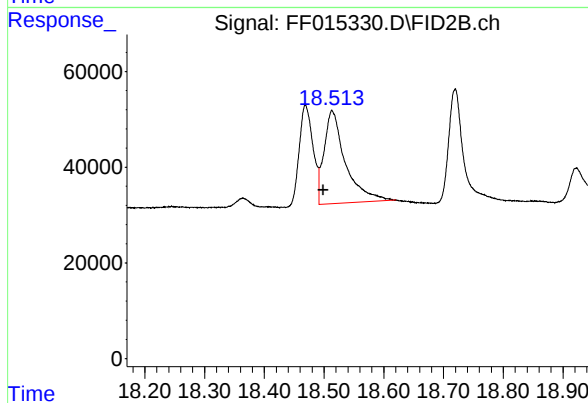
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.096 min
Delta R.T.: 0.007 min
Response: 421720
Conc: 2.97 ug/ml



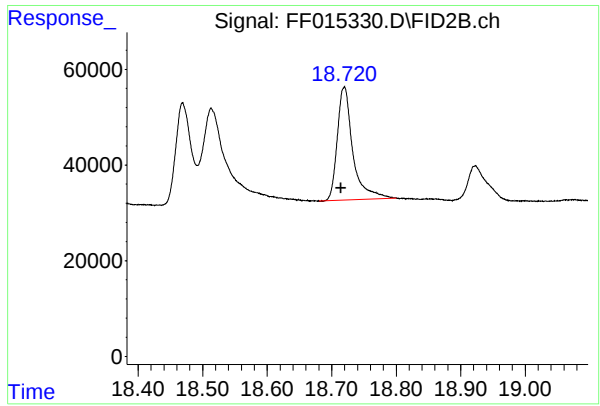
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.469 min
Delta R.T.: 0.011 min
Response: 346666
Conc: 2.75 ug/ml m



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

R.T.: 18.514 min
Delta R.T.: 0.015 min
Response: 484312
Conc: 3.27 ug/ml



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

R.T.: 18.719 min
Delta R.T.: 0.005 min
Response: 396141
Conc: 2.93 ug/ml

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