

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AR\
 Data File : FF015327.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 16:20
 Operator : YP\AJ
 Sample : PB166218BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB166218BS

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 00:46:54 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...	7.990	8139073	61.659 ug/ml
Spiked Amount 50.000		Recovery =	123.32%
6) S 2-Fluorobiphenyl (SURR)	8.864	4588846	54.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.73%
11) S ortho-Terphenyl (SURR)	11.929	7969827	46.298 ug/ml
Spiked Amount 50.000		Recovery =	92.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.601	6293947	39.238 ug/ml
2) T Naphthalene (C11.7)	6.268	7646280	47.689 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	7570916	47.611 ug/ml
5) T Acenaphthylene (C15.06)	8.666	9013730	56.726 ug/ml
7) T Acenaphthene (C15.5)	8.966	9409729	57.706 ug/ml
8) T Fluorene (C16.55)	9.755	9729007	61.789 ug/ml
9) T Phenanthrene (C19.36)	11.162	9681125	60.634 ug/ml
10) T Anthracene (C19.43)	11.239	9657662	65.413 ug/ml
12) T Fluoranthene (C21.85)	12.984	9770898	59.062 ug/ml
13) T Pyrene (C20.8)	13.284	9659783	59.637 ug/ml
14) T Benzo[a]anthracene (C...	15.165	8901226	59.668 ug/ml
15) T Chrysene (C27.41)	15.212	9851376	63.423 ug/ml
16) T benzo[b]fluoranthene ...	16.726	8756873	59.174 ug/ml
17) T Bnezo[k]fluoranthene ...	16.764	8792087	62.184 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.108	8341702	58.711 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	8902052	70.647 ug/ml
20) T Dibenz[a,h]anthracene...	18.523	7907333	53.446 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.744	8570181	63.487 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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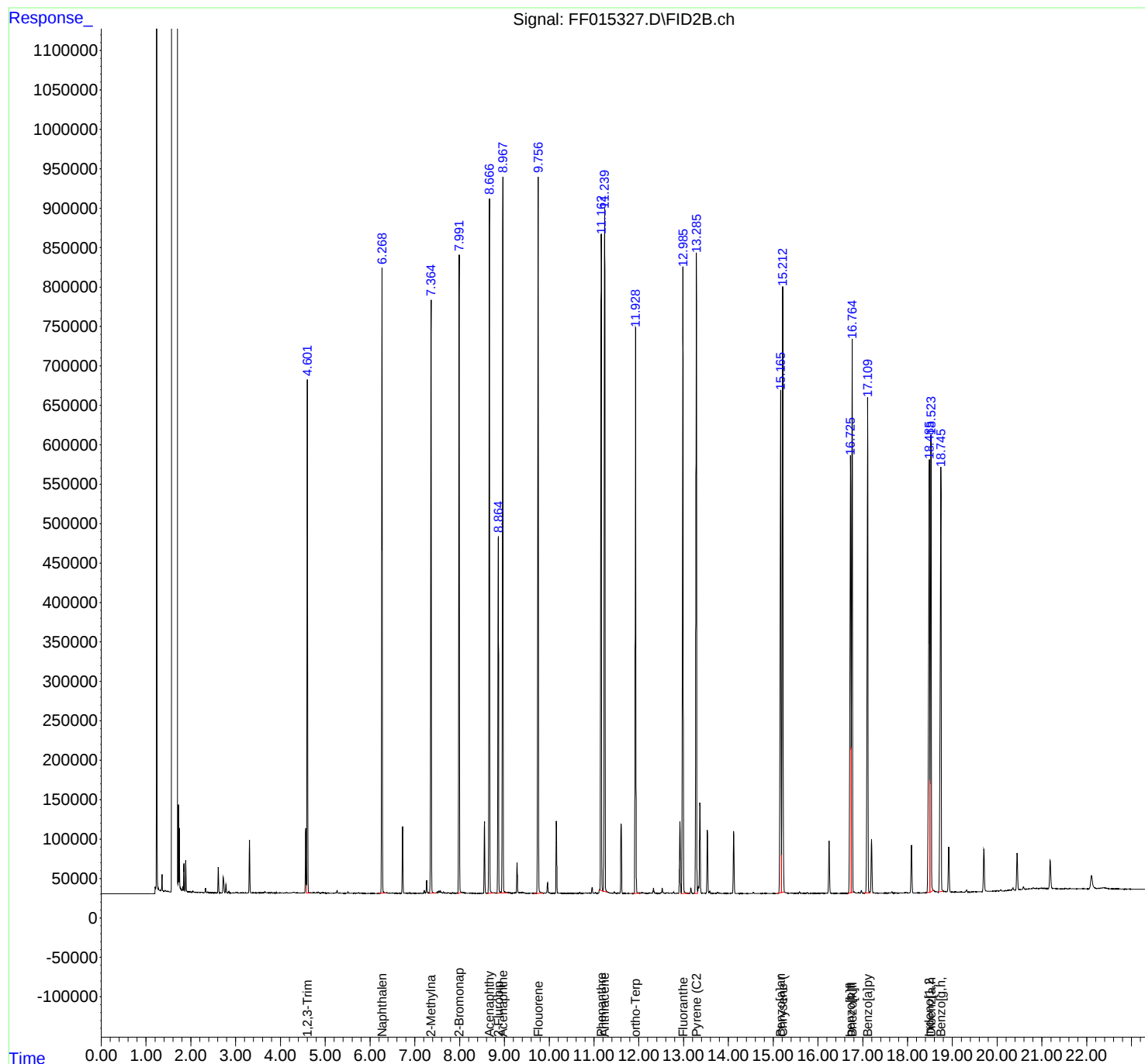
APPROVED

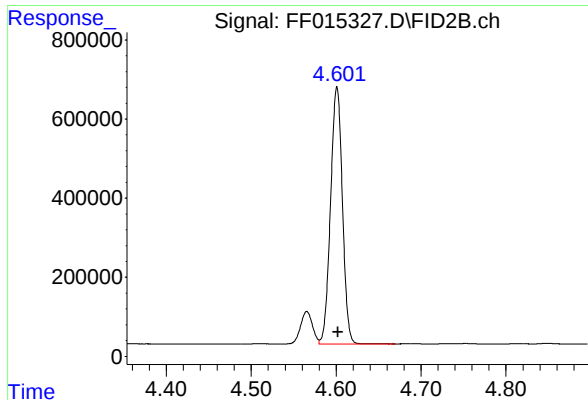
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.601 min
Delta R.T.: -0.001 min
Response: 6293947
Conc: 39.24 ug/ml

Instrument :

FID_F

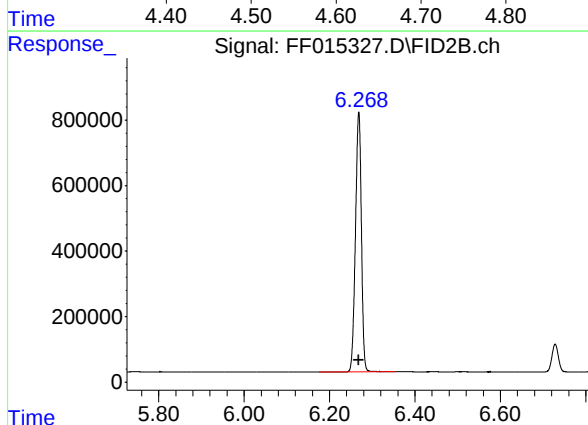
ClientSampleId :

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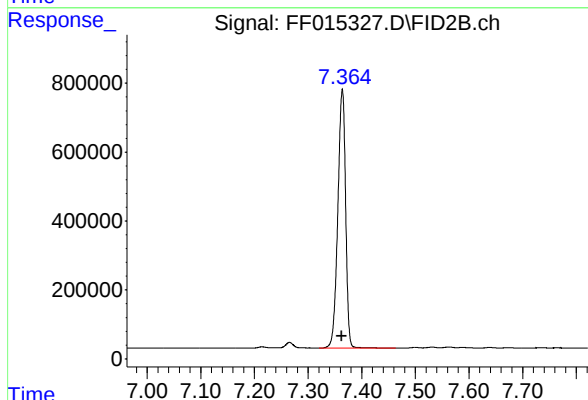
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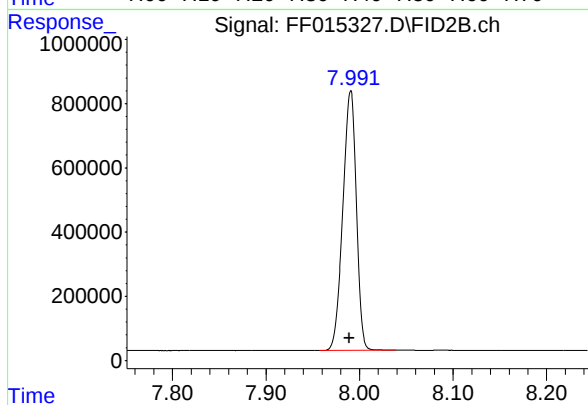
#2 Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 7646280
Conc: 47.69 ug/ml



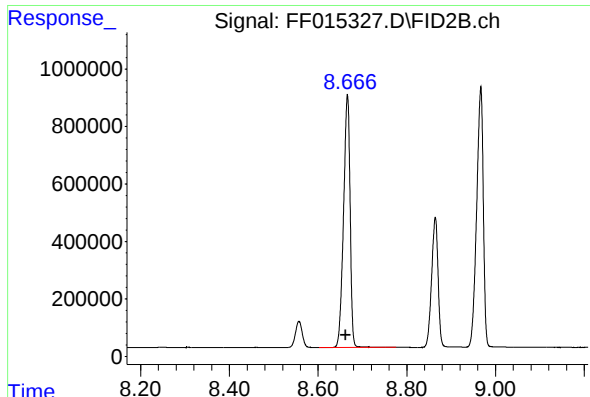
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 7570916
Conc: 47.61 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.990 min
Delta R.T.: 0.001 min
Response: 8139073
Conc: 61.66 ug/ml



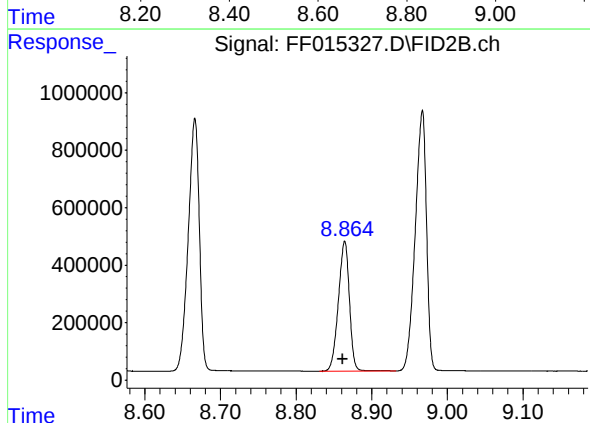
#5 Acenaphthylene (C15.06)

R.T.: 8.666 min
Delta R.T.: 0.004 min
Response: 9013730
Conc: 56.73 ug/ml

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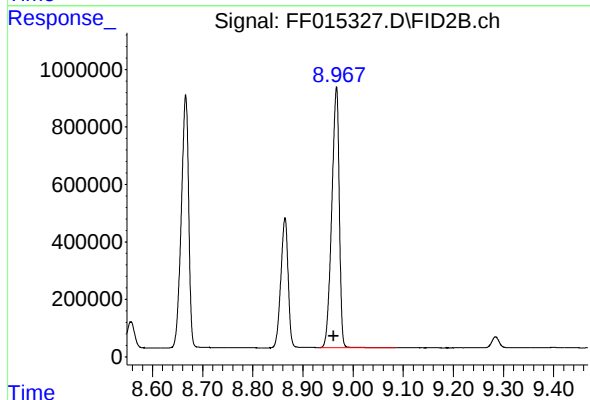
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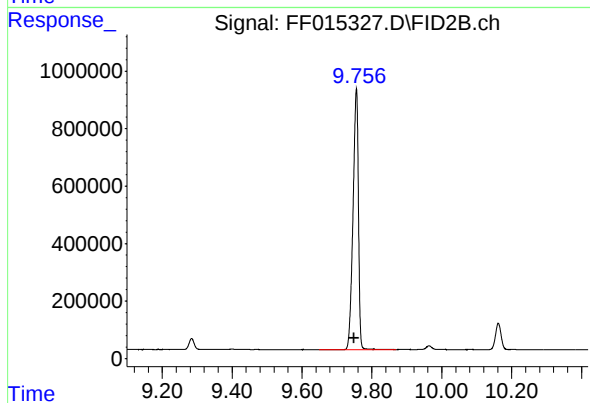
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.864 min
Delta R.T.: 0.003 min
Response: 4588846
Conc: 54.36 ug/ml



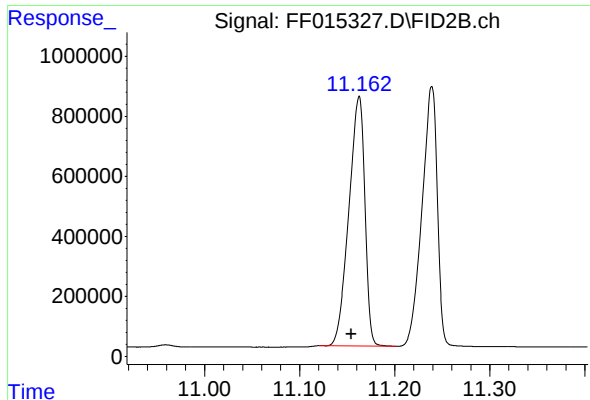
#7 Acenaphthene (C15.5)

R.T.: 8.966 min
Delta R.T.: 0.005 min
Response: 9409729
Conc: 57.71 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.755 min
Delta R.T.: 0.006 min
Response: 9729007
Conc: 61.79 ug/ml



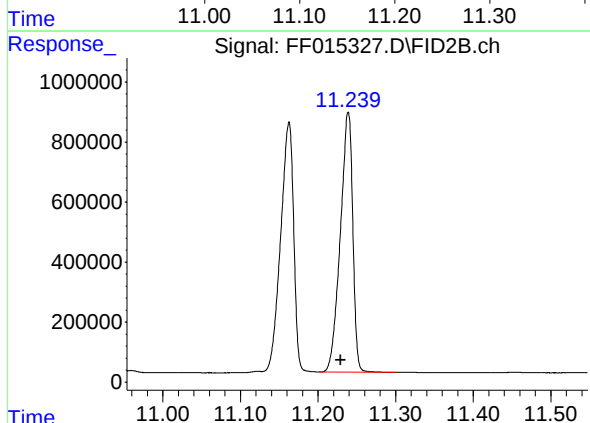
#9 Phenanthrene (C19.36)

R.T.: 11.162 min
Delta R.T.: 0.008 min
Response: 9681125
Conc: 60.63 ug/ml

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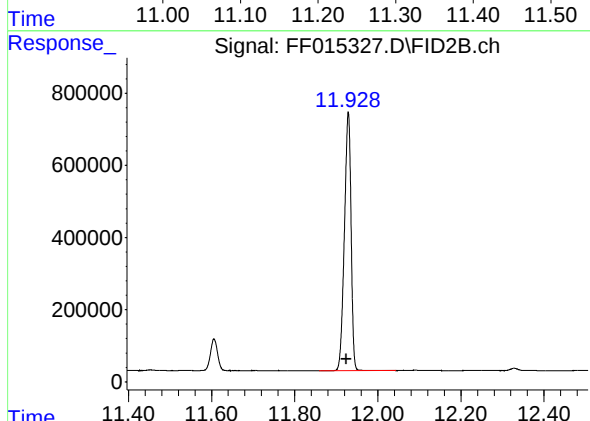
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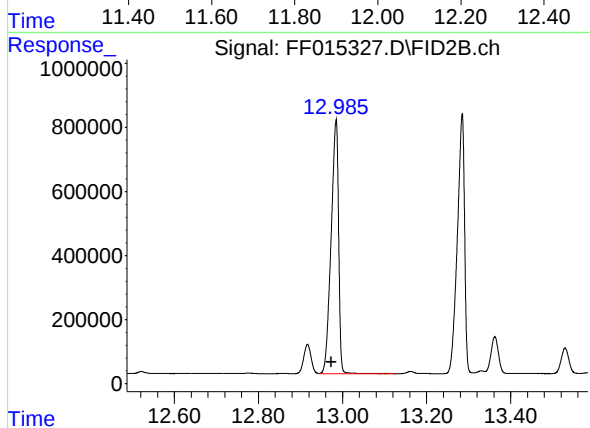
#10 Anthracene (C19.43)

R.T.: 11.239 min
Delta R.T.: 0.010 min
Response: 9657662
Conc: 65.41 ug/ml



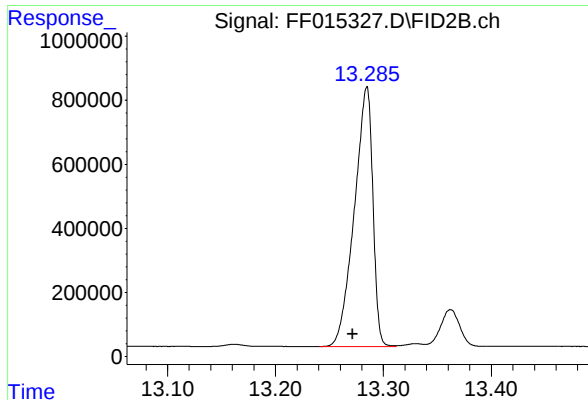
#11 ortho-Terphenyl (SURR)

R.T.: 11.929 min
Delta R.T.: 0.004 min
Response: 7969827
Conc: 46.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.984 min
Delta R.T.: 0.011 min
Response: 9770898
Conc: 59.06 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.284 min
Delta R.T.: 0.012 min
Response: 9659783
Conc: 59.64 ug/ml

Instrument :

FID_F

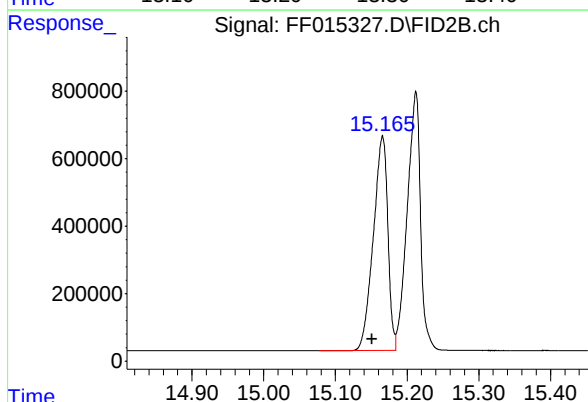
ClientSampleId :

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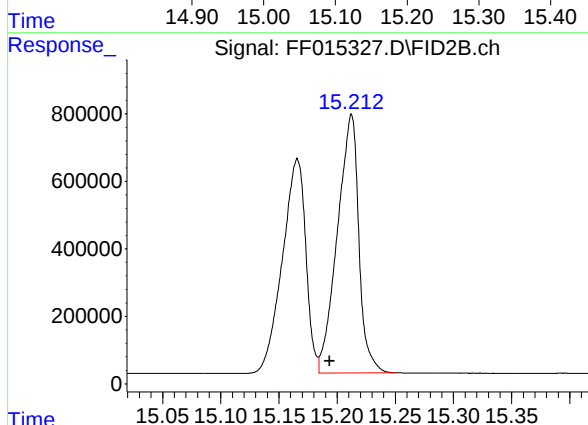
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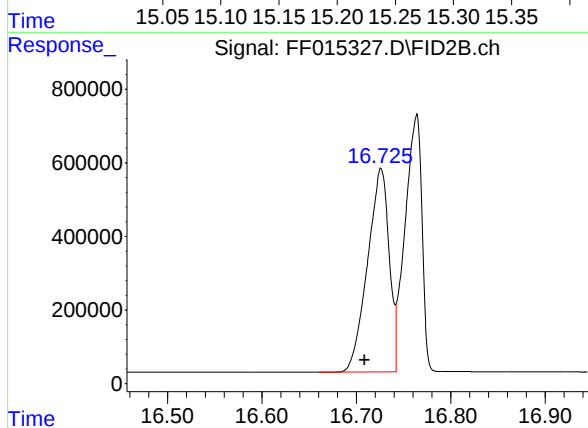
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.165 min
Delta R.T.: 0.014 min
Response: 8901226
Conc: 59.67 ug/ml



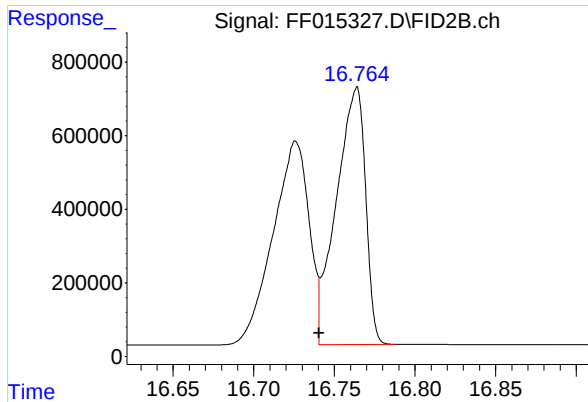
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: 0.018 min
Response: 9851376
Conc: 63.42 ug/ml



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

R.T.: 16.726 min
Delta R.T.: 0.017 min
Response: 8756873
Conc: 59.17 ug/ml



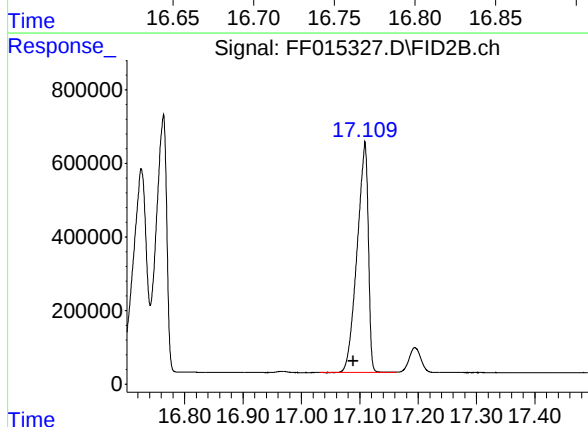
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.764 min
Delta R.T.: 0.024 min
Response: 8792087
Conc: 62.18 ug/ml

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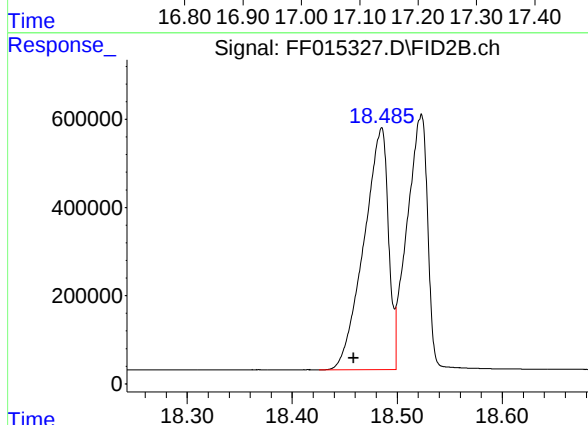
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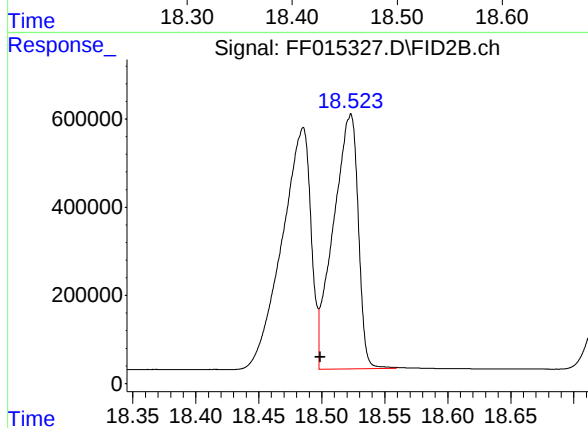
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.108 min
Delta R.T.: 0.019 min
Response: 8341702
Conc: 58.71 ug/ml



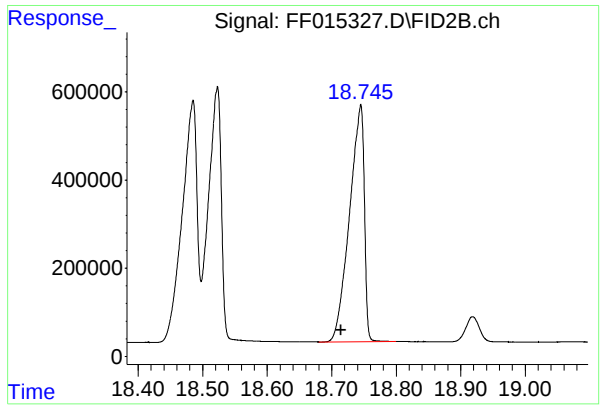
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: 0.026 min
Response: 8902052
Conc: 70.65 ug/ml



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

R.T.: 18.523 min
Delta R.T.: 0.024 min
Response: 7907333
Conc: 53.45 ug/ml m



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

R.T.: 18.744 min
Delta R.T.: 0.029 min
Response: 8570181
Conc: 63.49 ug/ml

Instrument :

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