

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102824AR\
 Data File : FF014809.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 14:25
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e
 Quant Time: Oct 29 01:34:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:14:53 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...	7.992	2427281	17.407 ug/ml
Spiked Amount 50.000		Recovery =	34.81%
6) S 2-Fluorobiphenyl (SURR)	8.866	1650528	17.501 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.00%
11) S ortho-Terphenyl (SURR)	11.927	2742991	17.146 ug/ml
Spiked Amount 50.000		Recovery =	34.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.609	2726454	17.924 ug/ml
2) T Naphthalene (C11.7)	6.274	2847651	17.791 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	2866122	17.716 ug/ml
5) T Acenaphthylene (C15.06)	8.667	2800243	17.677 ug/ml
7) T Acenaphthene (C15.5)	8.966	2790667	17.588 ug/ml
8) T Flouorene (C16.55)	9.754	2748930	17.423 ug/ml
9) T Phenanthrene (C19.36)	11.160	2731993	17.354 ug/ml
10) T Anthracene (C19.43)	11.234	2609679	17.349 ug/ml
12) T Fluoranthene (C21.85)	12.978	2657413	16.863 ug/ml
13) T Pyrene (C20.8)	13.277	2622348	16.818 ug/ml
14) T Benzo[a]anthracene (C...	15.154	2474338	16.283 ug/ml
15) T Chrysene (C27.41)	15.196	2497467	16.160 ug/ml
16) T benzo[b]fluoranthene ...	16.709	2455533	16.061 ug/ml
17) T Bnezo[k]fluoranthene ...	16.742	2330259	16.130 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.090	2408282	16.134 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.458	2284078	16.654 ug/ml
20) T Dibenz[a,h]anthracene...	18.498	2420754	16.663 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.715	2445968	17.121 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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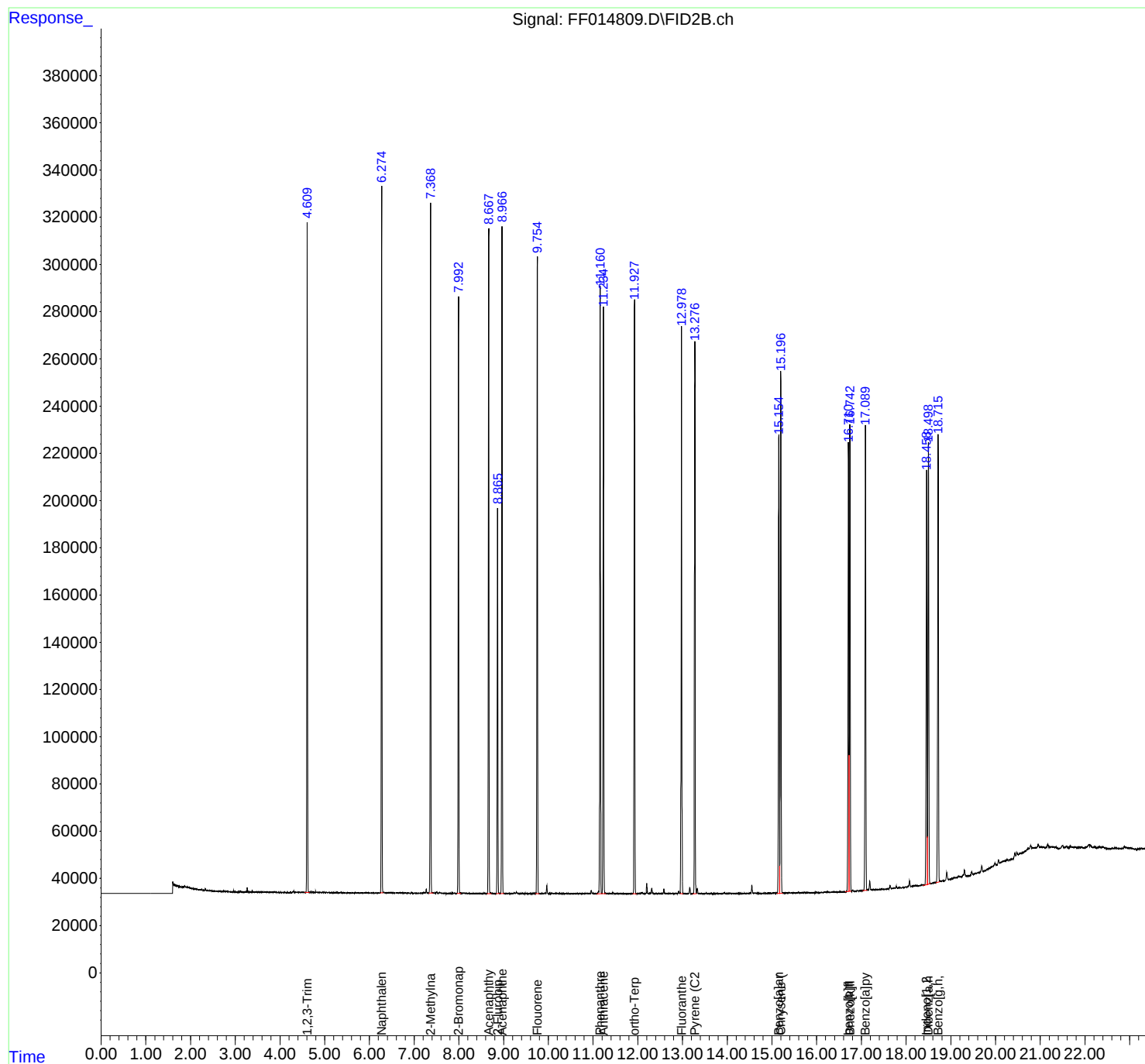
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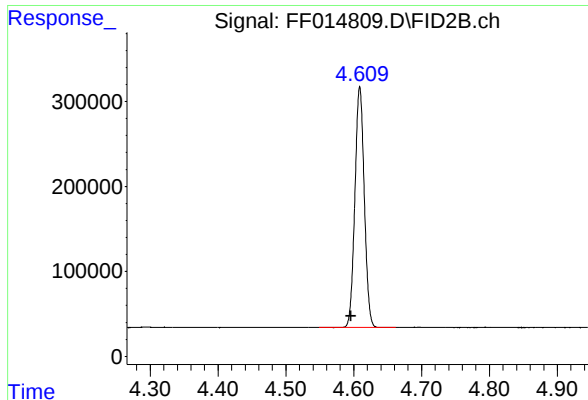
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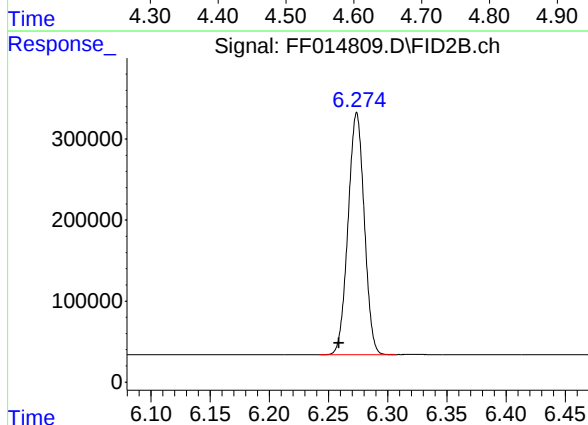
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.609 min
Delta R.T.: 0.013 min
Response: 2726454
Conc: 17.92 ug/ml

Instrument :
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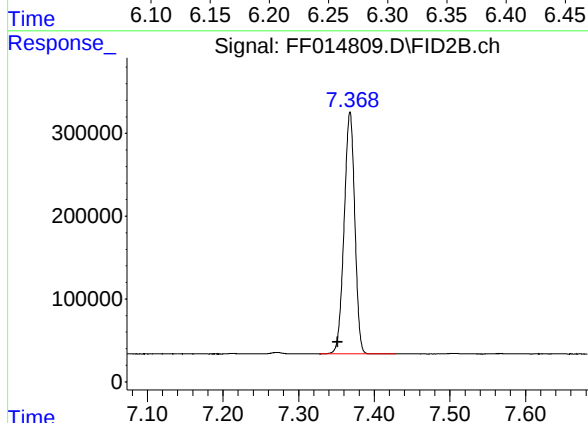
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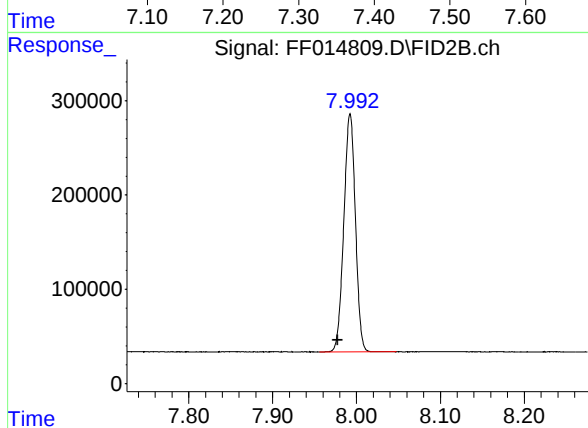
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.015 min
Response: 2847651
Conc: 17.79 ug/ml



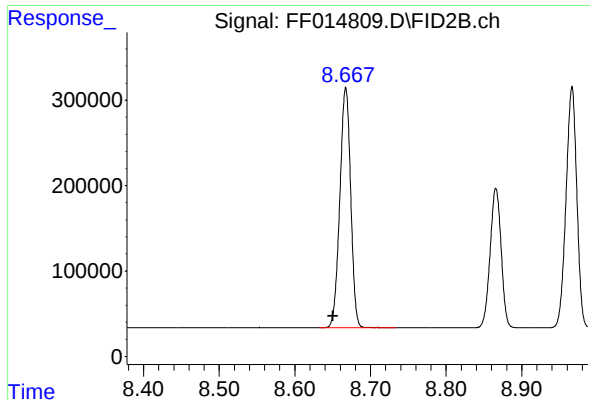
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: 0.016 min
Response: 2866122
Conc: 17.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.992 min
Delta R.T.: 0.015 min
Response: 2427281
Conc: 17.41 ug/ml



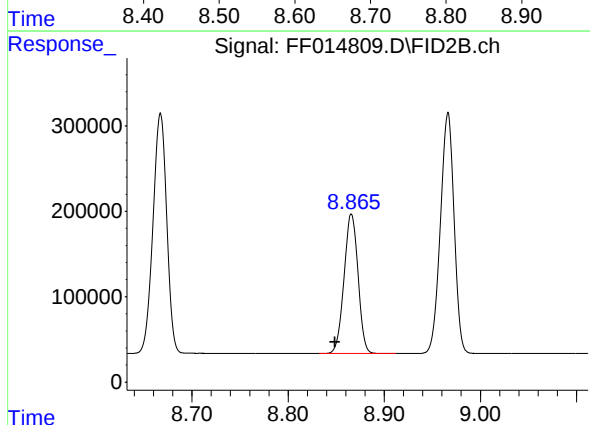
#5 Acenaphthylene (C15.06)

R.T.: 8.667 min
Delta R.T.: 0.017 min
Response: 2800243
Conc: 17.68 ug/ml

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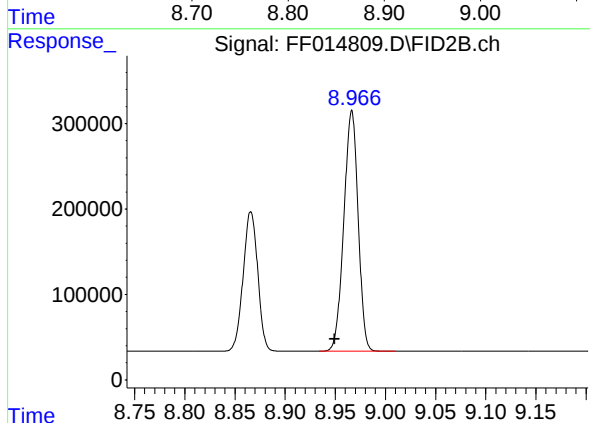
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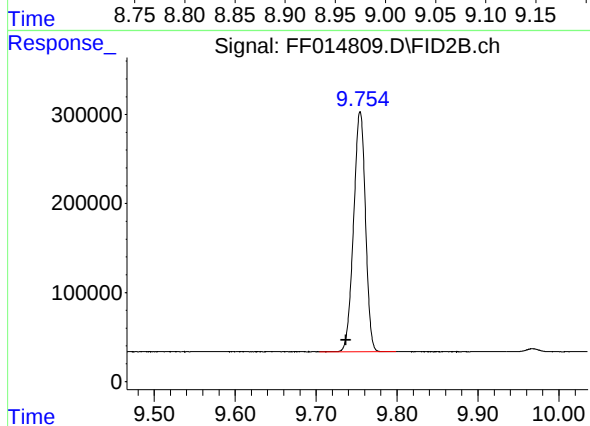
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.017 min
Response: 1650528
Conc: 17.50 ug/ml



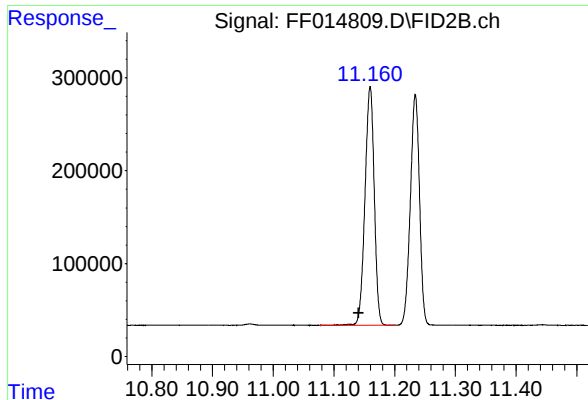
#7 Acenaphthene (C15.5)

R.T.: 8.966 min
Delta R.T.: 0.017 min
Response: 2790667
Conc: 17.59 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.754 min
Delta R.T.: 0.017 min
Response: 2748930
Conc: 17.42 ug/ml



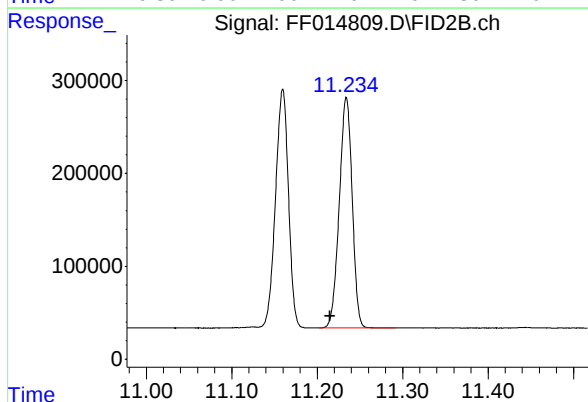
#9 Phenanthrene (C19.36)

R.T.: 11.160 min
Delta R.T.: 0.019 min
Response: 2731993
Conc: 17.35 ug/ml

Instrument :
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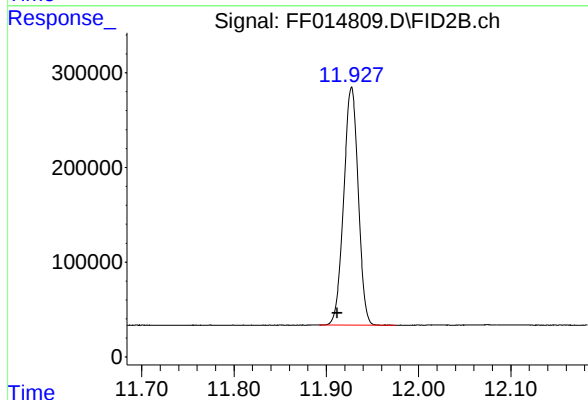
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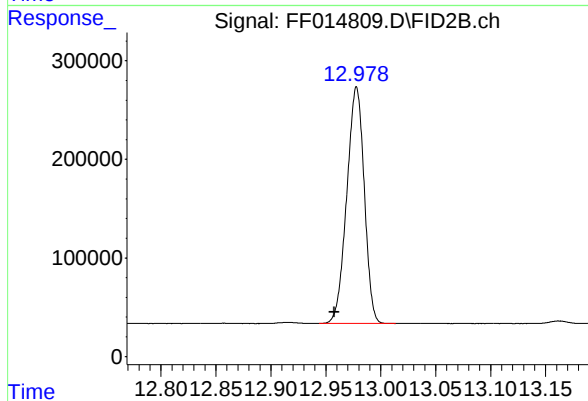
#10 Anthracene (C19.43)

R.T.: 11.234 min
Delta R.T.: 0.019 min
Response: 2609679
Conc: 17.35 ug/ml



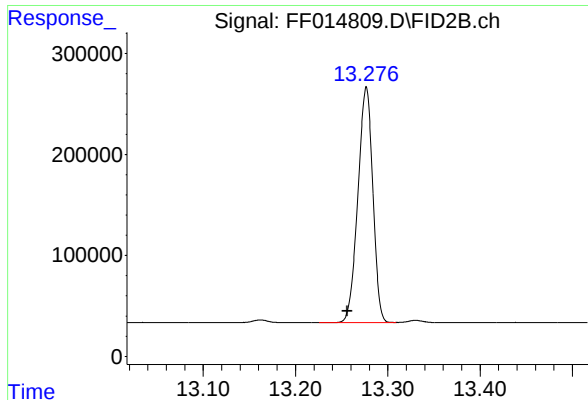
#11 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: 0.015 min
Response: 2742991
Conc: 17.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.978 min
Delta R.T.: 0.020 min
Response: 2657413
Conc: 16.86 ug/ml



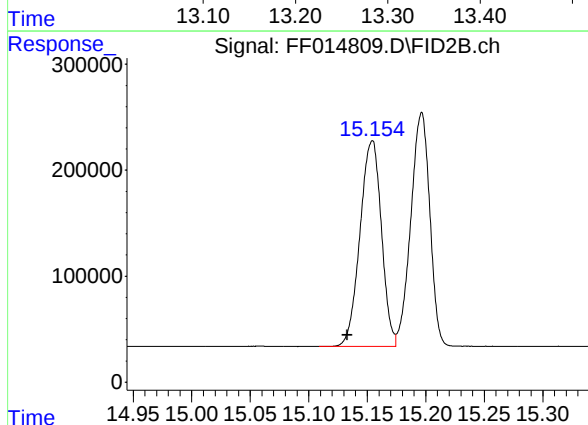
#13 Pyrene (C20.8)

R.T.: 13.277 min
Delta R.T.: 0.021 min
Response: 2622348
Conc: 16.82 ug/ml

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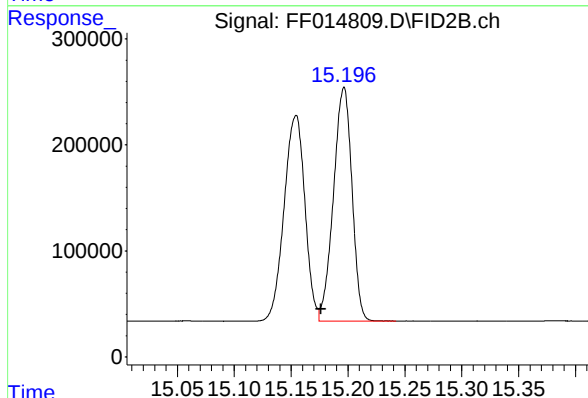
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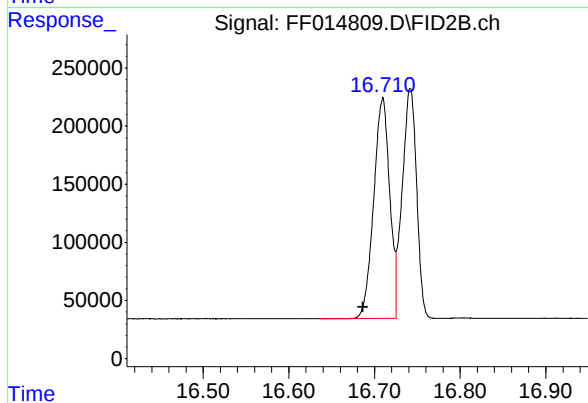
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.154 min
Delta R.T.: 0.021 min
Response: 2474338
Conc: 16.28 ug/ml



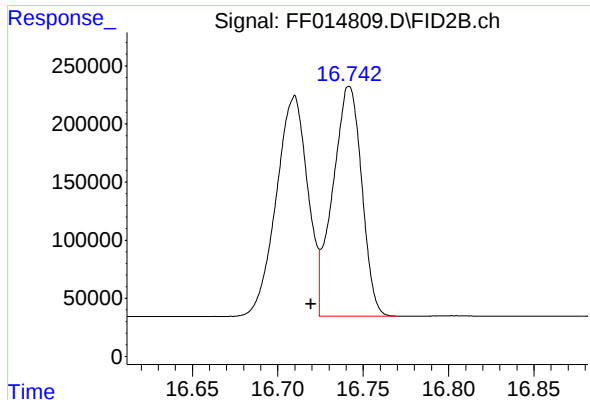
#15 Chrysene (C27.41)

R.T.: 15.196 min
Delta R.T.: 0.020 min
Response: 2497467
Conc: 16.16 ug/ml



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

R.T.: 16.709 min
Delta R.T.: 0.023 min
Response: 2455533
Conc: 16.06 ug/ml



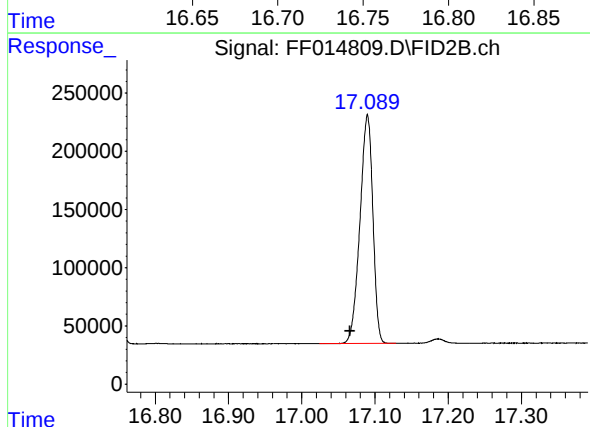
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.742 min
Delta R.T.: 0.022 min
Response: 2330259
Conc: 16.13 ug/ml

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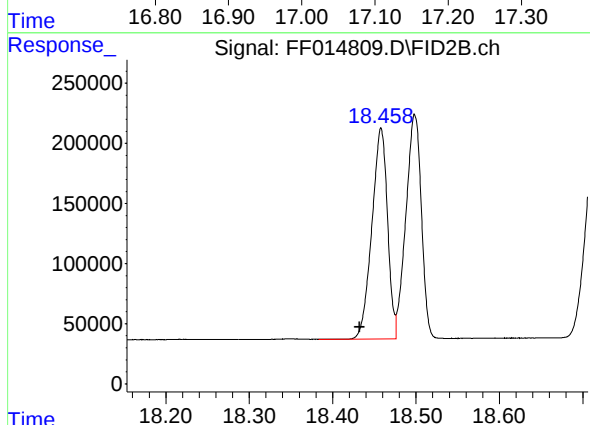
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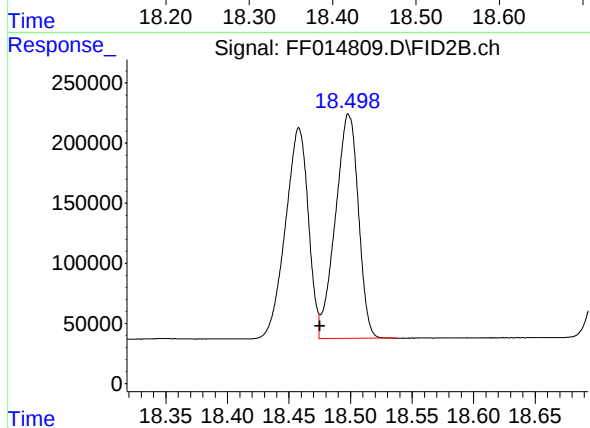
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.090 min
Delta R.T.: 0.024 min
Response: 2408282
Conc: 16.13 ug/ml



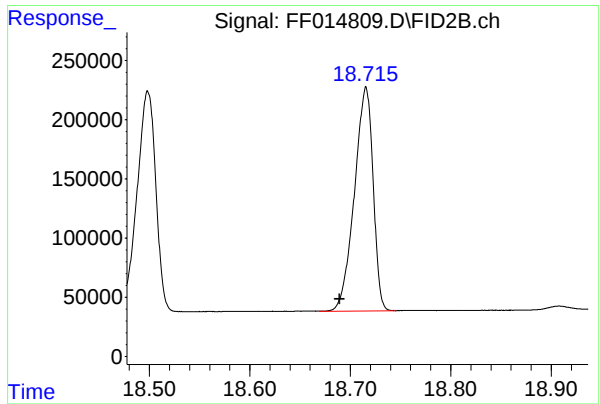
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.458 min
Delta R.T.: 0.025 min
Response: 2284078
Conc: 16.65 ug/ml



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

R.T.: 18.498 min
Delta R.T.: 0.023 min
Response: 2420754
Conc: 16.66 ug/ml m



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

R.T.: 18.715 min
Delta R.T.: 0.026 min
Response: 2445968
Conc: 17.12 ug/ml

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