

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032423AL\
 Data File : FE041008.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2023 17:22
 Operator : YP\AJ
 Sample : 02047-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 R-PITMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2023
 Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e
 Quant Time: Mar 25 00:57:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.868	4895119	26.203 ug/ml
Spiked Amount 50.000		Recovery =	52.41%
12) S 1-chlorooctadecane (S...	13.307	4096004	27.675 ug/ml
Spiked Amount 50.000		Recovery =	55.35%
Target Compounds			
1) T n-Nonane (C9)	3.266	4414298	28.688 ug/ml
2) T n-Decane (C10)	4.513	4972167	33.049 ug/ml
3) T A~Naphthalene (C11.7)	6.214	5647181	34.046 ug/ml
4) T n-Dodecane (C12)	6.676	5502368	35.942 ug/ml
5) T A~2-methylnaphthalene...	7.309	5425248	35.847 ug/ml
6) T n-Tetradecane (C14)	8.504	5789226	37.457 ug/ml
7) T n-Hexadecane (C16)	10.110	6295619	38.977 ug/ml
8) T n-Octadecane (C18)	11.553	6356688	37.437 ug/ml
10) T n-Eicosane (C20)	12.863	6267332	37.048 ug/ml
11) T n-Heneicosane (C21)	13.475	5925175	34.577 ug/ml
13) T n-Docosane (C22)	14.061	5803551	33.877 ug/ml
14) T n-Tetracosane (C24)	15.160	11159454	64.733 ug/ml
15) T n-Hexacosane (C26)	16.188	5457079	32.108 ug/ml
16) T n-Octacosane (C28)	17.138	5498586	32.787 ug/ml
17) T n-Tricontane (C30)	18.029	5445976	33.353 ug/ml
18) T n-Dotriacontane (C32)	18.862	5402226	31.564 ug/ml
19) T n-Tetratriacontane (C34)	19.647	5443422	35.208 ug/ml
20) T n-Hexatriacontane (C36)	20.388	5400322	37.172 ug/ml
21) T n-Octatriacontane (C38)	21.117	5607395	40.794 ug/ml
22) T n-Tetracontane (C40)	22.006	5783637	37.430 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.

Quant Title : GC Extractables

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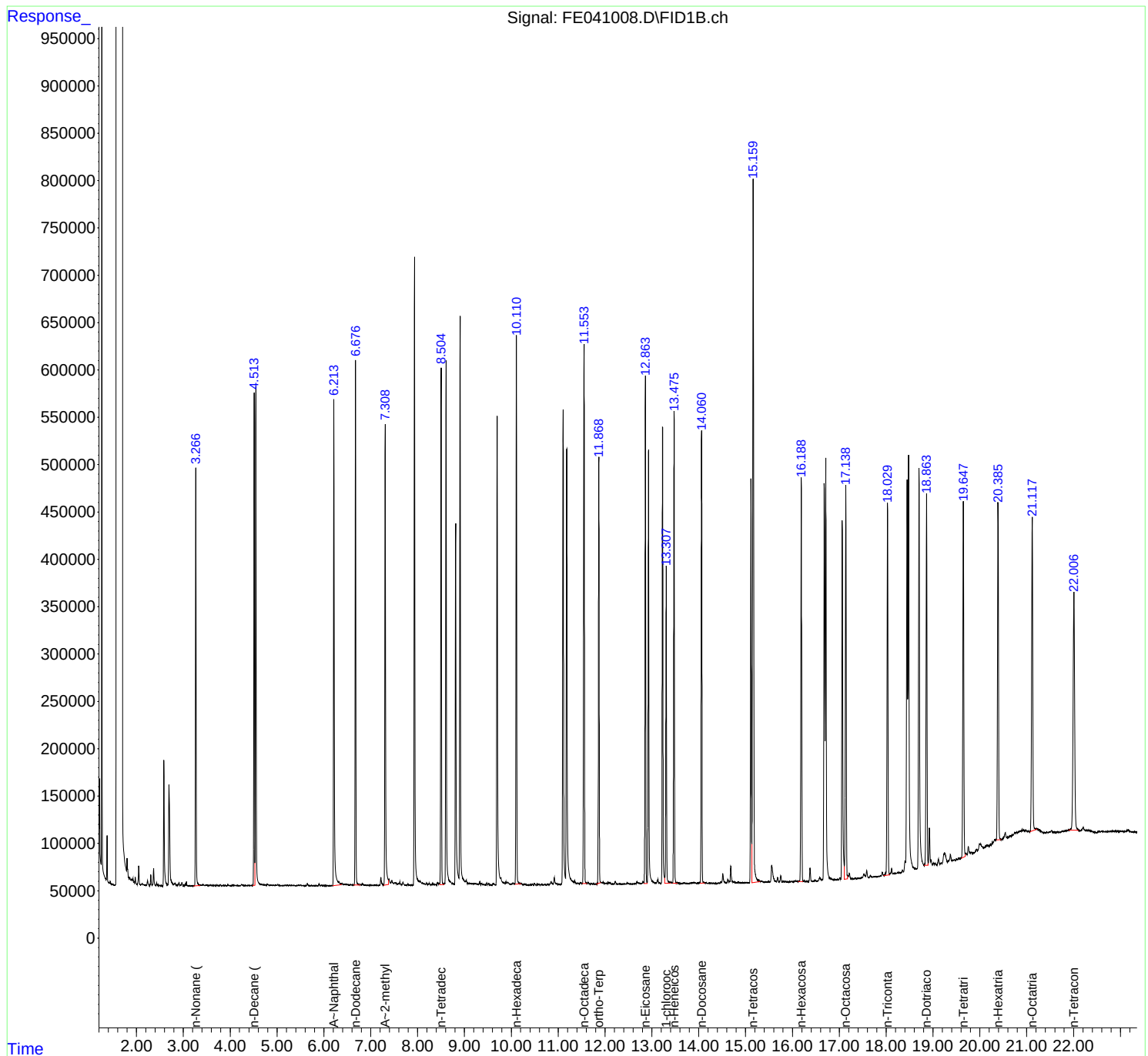
Response via : Initial Calibration

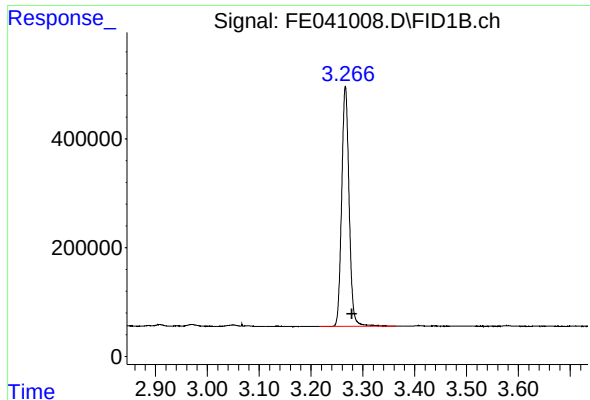
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





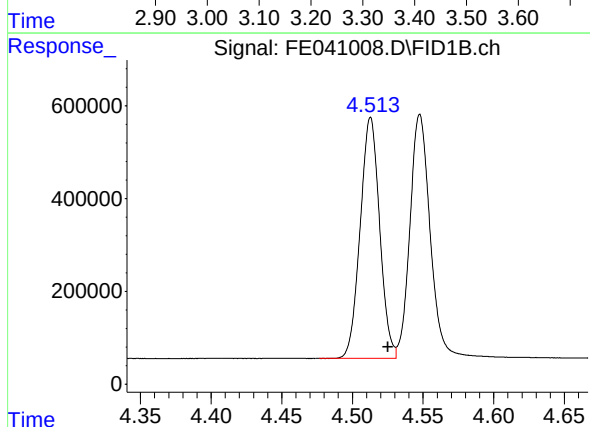
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: -0.013 min
Response: 4414298
Conc: 28.69 ug/ml

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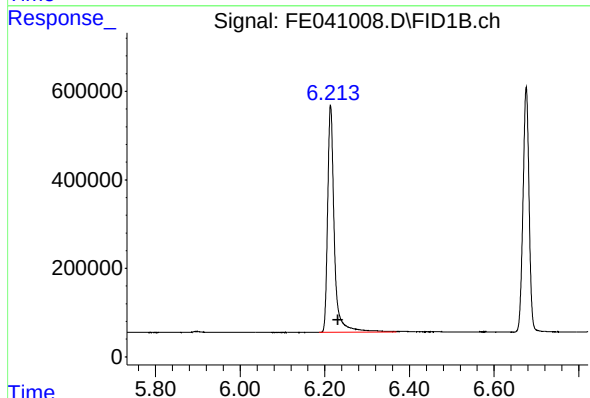
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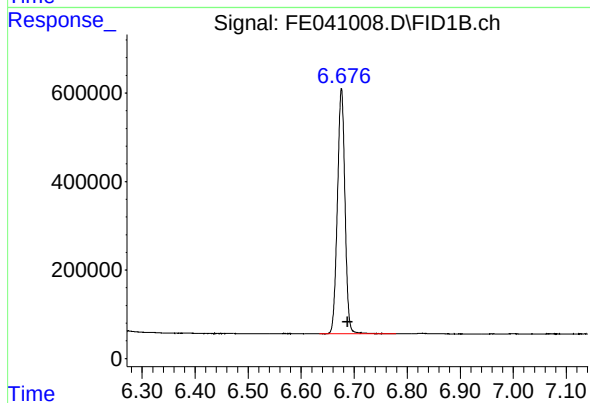
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.012 min
Response: 4972167
Conc: 33.05 ug/ml



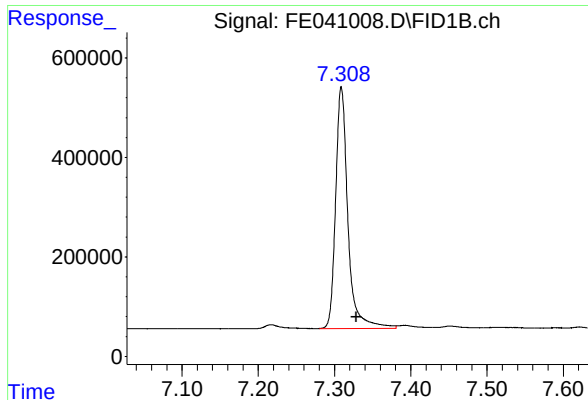
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.018 min
Response: 5647181
Conc: 34.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.676 min
Delta R.T.: -0.012 min
Response: 5502368
Conc: 35.94 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.309 min
Delta R.T.: -0.020 min
Response: 5425248
Conc: 35.85 ug/ml

Instrument :

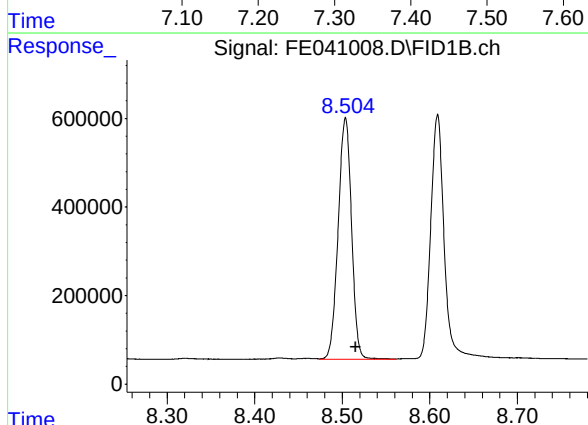
FID_E

ClientSampleId :

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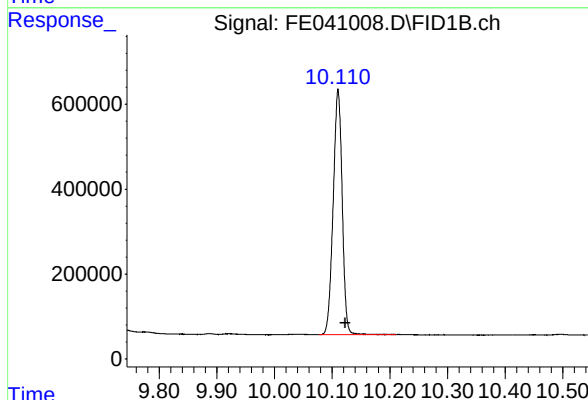
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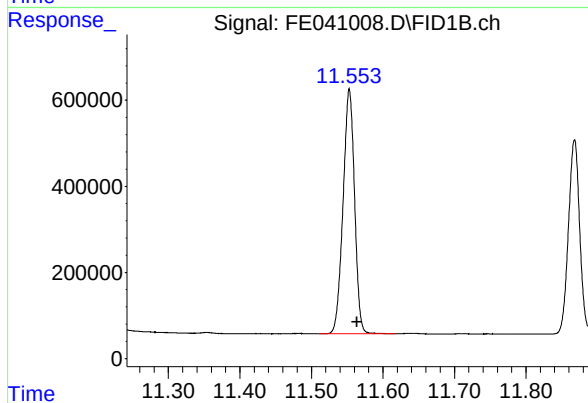
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.012 min
Response: 5789226
Conc: 37.46 ug/ml



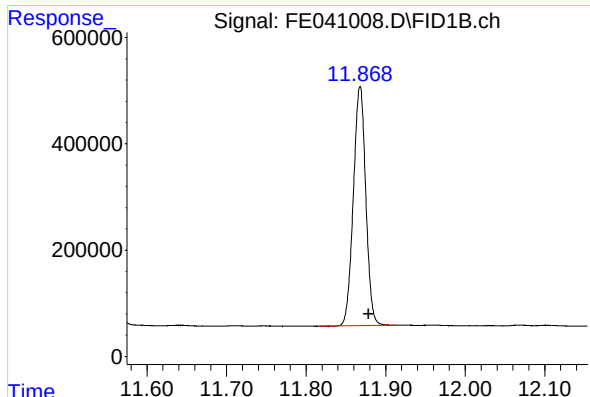
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.012 min
Response: 6295619
Conc: 38.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.553 min
Delta R.T.: -0.010 min
Response: 6356688
Conc: 37.44 ug/ml



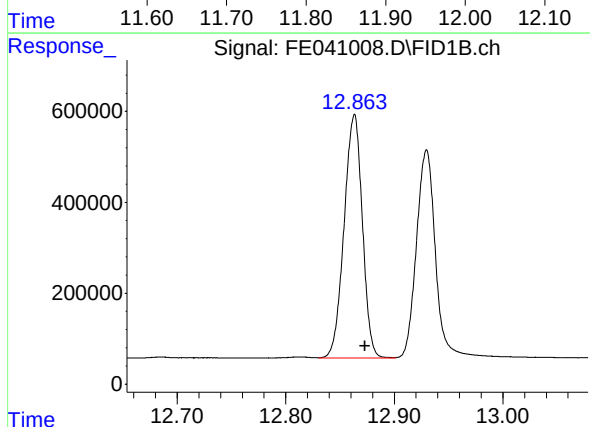
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.011 min
Response: 4895119
Conc: 26.20 ug/ml

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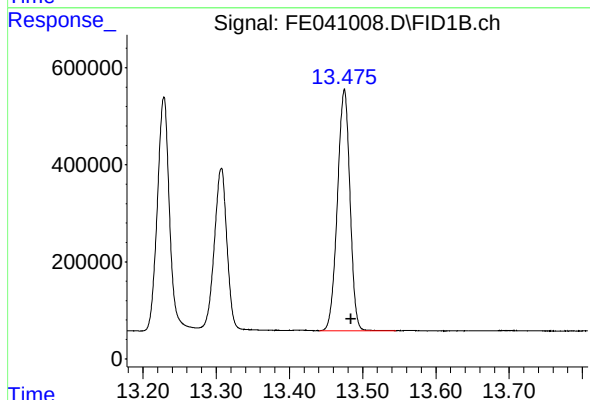
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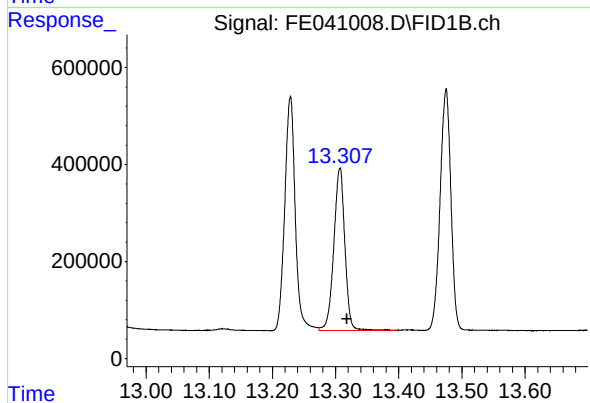
#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: -0.009 min
Response: 6267332
Conc: 37.05 ug/ml



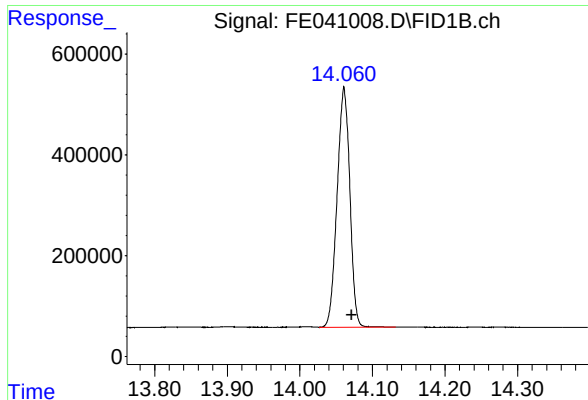
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.009 min
Response: 5925175
Conc: 34.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.307 min
Delta R.T.: -0.011 min
Response: 4096004
Conc: 27.67 ug/ml



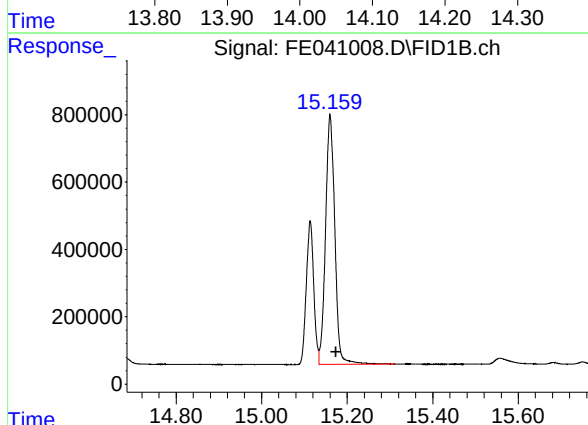
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.011 min
Response: 5803551
Conc: 33.88 ug/ml

Instrument :
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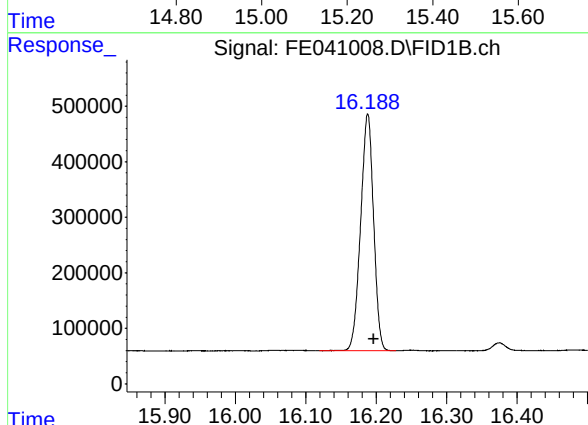
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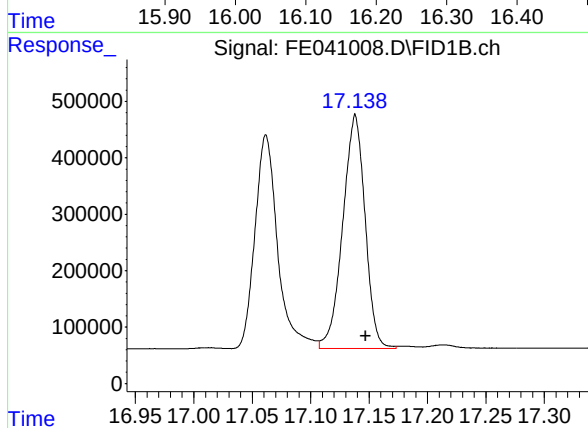
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.014 min
Response: 11159454
Conc: 64.73 ug/ml



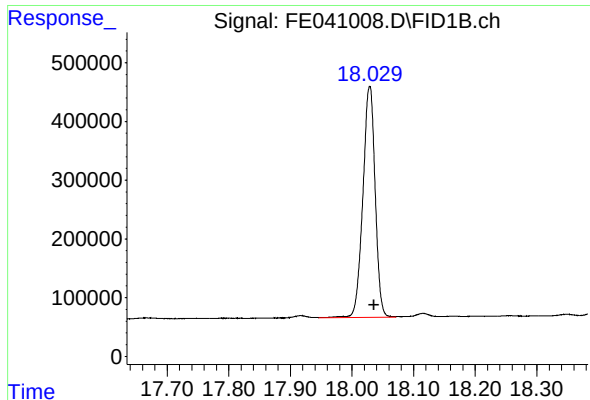
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: -0.009 min
Response: 5457079
Conc: 32.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: -0.009 min
Response: 5498586
Conc: 32.79 ug/ml



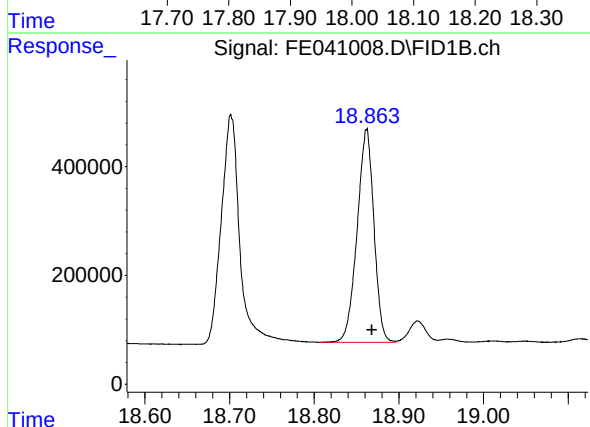
#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: -0.007 min
Response: 5445976
Conc: 33.35 ug/ml

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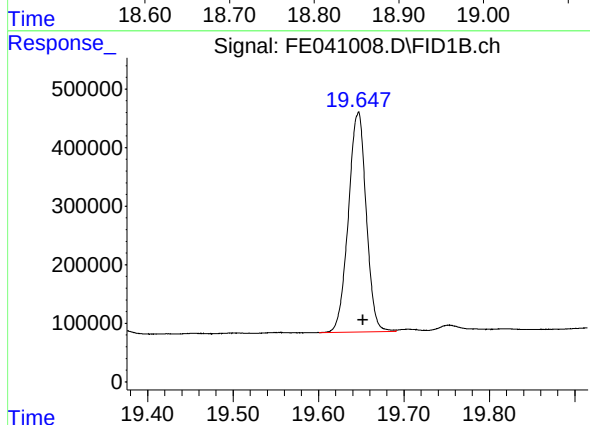
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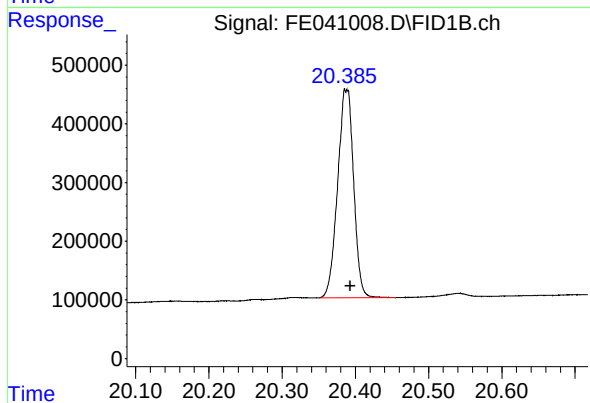
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: -0.006 min
Response: 5402226
Conc: 31.56 ug/ml



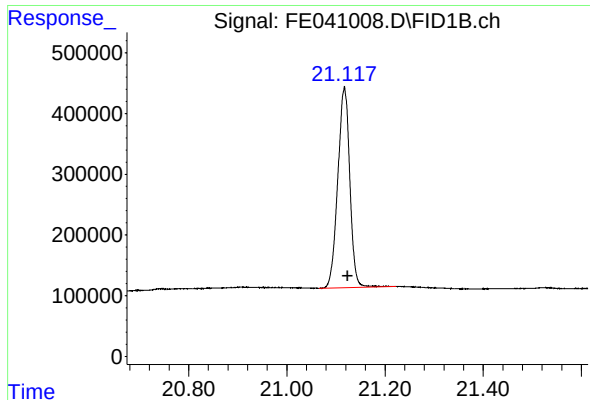
#19 n-Tetatriacontane (C34)

R.T.: 19.647 min
Delta R.T.: -0.005 min
Response: 5443422
Conc: 35.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: -0.005 min
Response: 5400322
Conc: 37.17 ug/ml



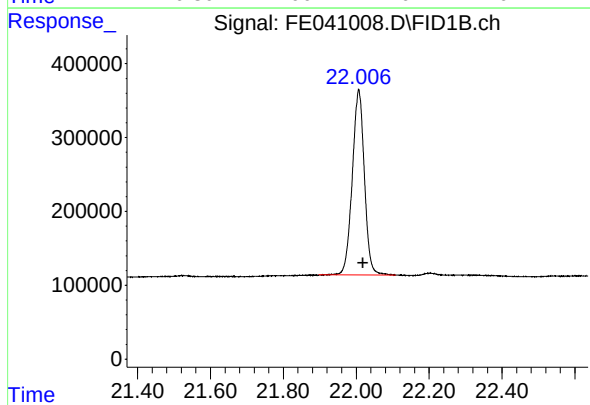
#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: -0.006 min
Response: 5607395
Conc: 40.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: -0.012 min
Response: 5783637
Conc: 37.43 ug/ml m