

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046308.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 15:47
 Operator : YP\AJ
 Sample : PB158519BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158519BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/22/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 19 22:09:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.830	8874863	48.837 ug/ml
Spiked Amount 50.000		Recovery =	97.67%
12) S 1-chlorooctadecane (S...	13.272	7110998	53.222 ug/ml
Spiked Amount 50.000		Recovery =	106.44%
Target Compounds			
1) T n-Nonane (C9)	3.230	7141965	46.666 ug/ml
2) T n-Decane (C10)	4.473	7488109	48.249 ug/ml
3) T A~Naphthalene (C11.7)	6.171	8833686	53.117 ug/ml
4) T n-Dodecane (C12)	6.634	8008344	51.291 ug/ml
5) T A~2-methylnaphthalene...	7.266	8565015	53.797 ug/ml
6) T n-Tetradecane (C14)	8.461	8148890	52.313 ug/ml
7) T n-Hexadecane (C16)	10.069	8166108	51.568 ug/ml
8) T n-Octadecane (C18)	11.515	8270060	52.544 ug/ml
10) T n-Eicosane (C20)	12.827	8254188	54.563 ug/ml
11) T n-Heneicosane (C21)	13.440	7889822	53.654 ug/ml
13) T n-Docosane (C22)	14.027	7768463	53.146 ug/ml
14) T n-Tetracosane (C24)	15.131	17256133	118.981 ug/ml
15) T n-Hexacosane (C26)	16.156	7318610	51.048 ug/ml
16) T n-Octacosane (C28)	17.105	9211781	64.230 ug/mlm
17) T n-Tricontane (C30)	17.999	7154765	48.136 ug/ml
18) T n-Dotriacontane (C32)	18.836	8001827	53.502 ug/mlm
19) T n-Tetratriacontane (C34)	19.622	7204699	50.292 ug/ml
20) T n-Hexatriacontane (C36)	20.364	7471366	51.244 ug/mlm
21) T n-Octatriacontane (C38)	21.095	8191401	55.550 ug/ml
22) T n-Tetracontane (C40)	21.994	8901892	56.872 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB158519BSD
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ALS Vial : 16 Sample Multiplier: 1

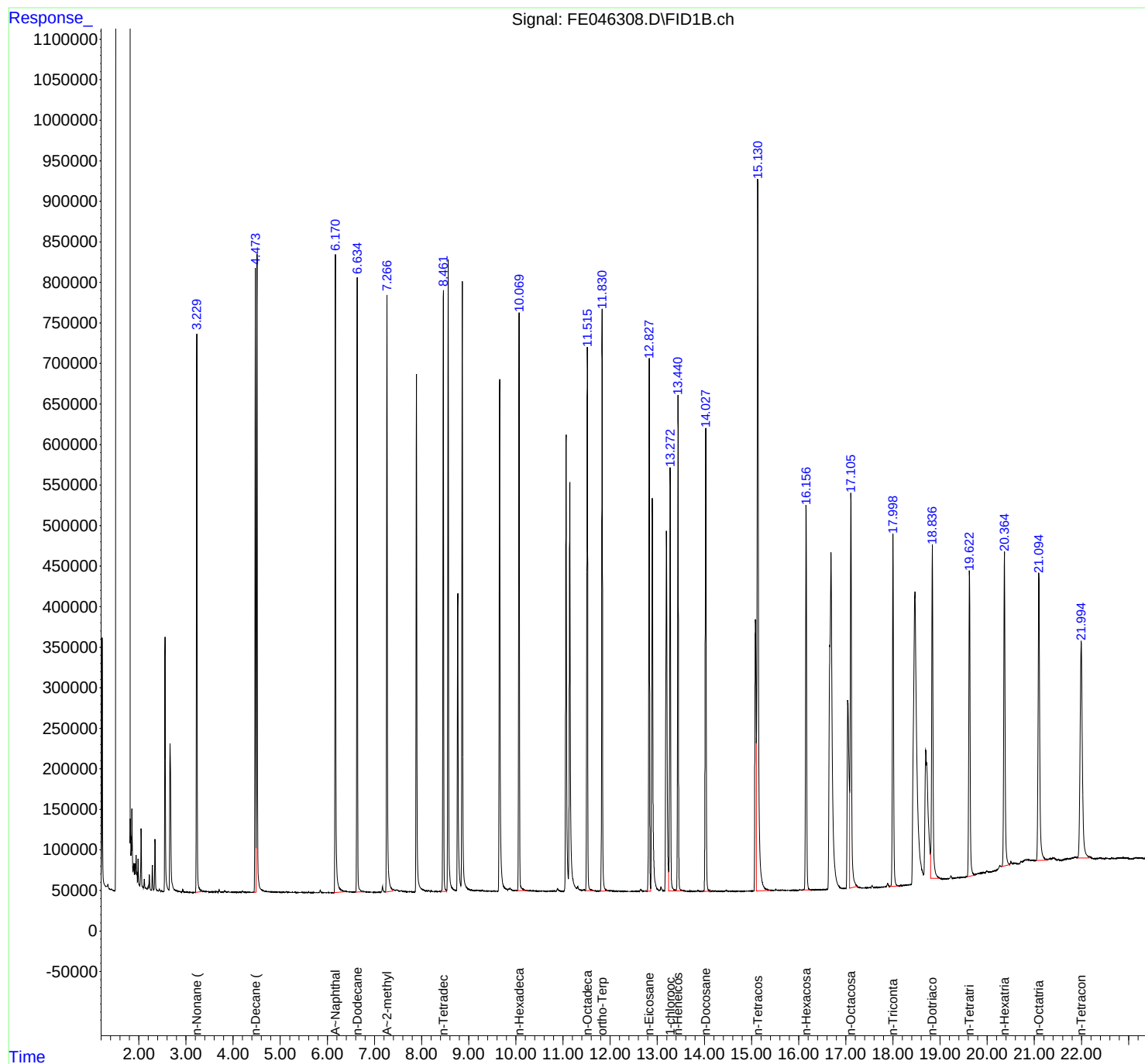
Instrument :
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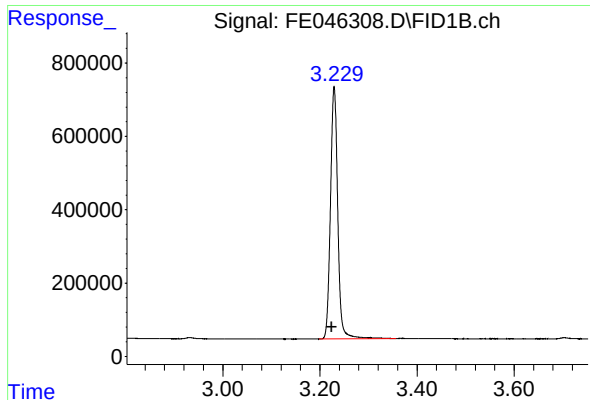
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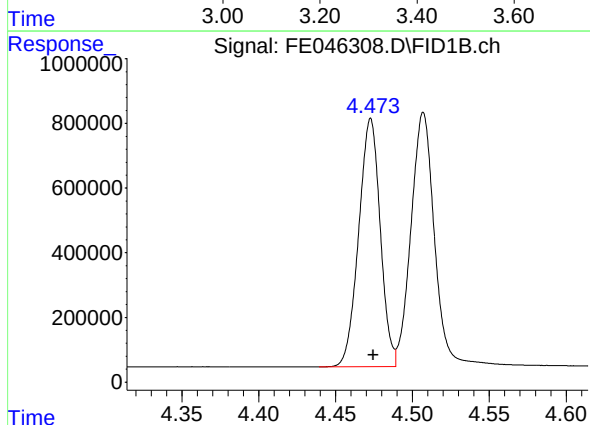
#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: 0.006 min
Response: 7141965
Conc: 46.67 ug/ml

Instrument :
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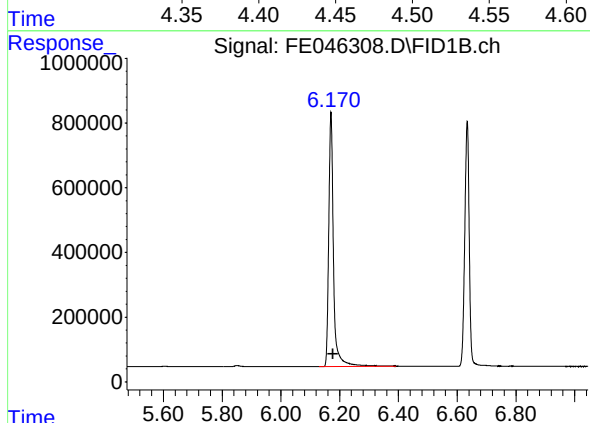
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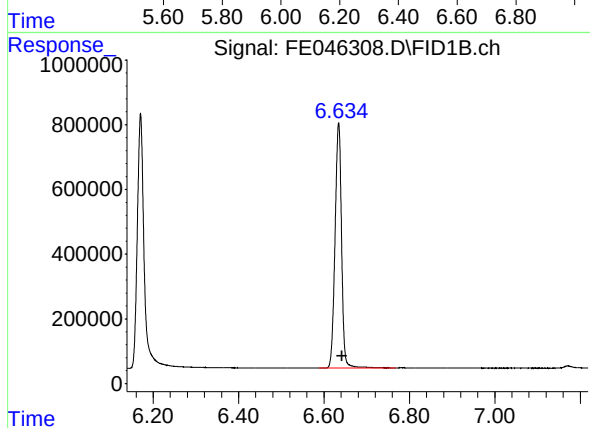
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.002 min
Response: 7488109
Conc: 48.25 ug/ml



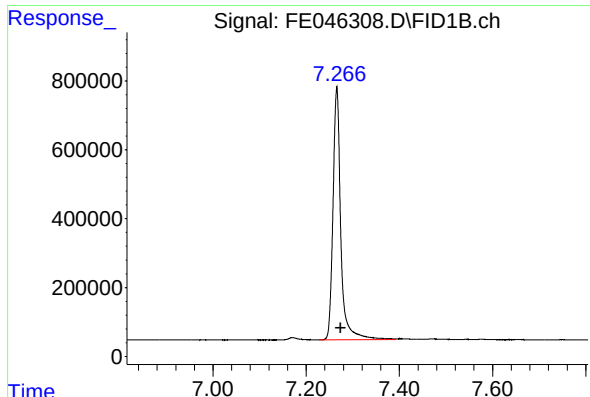
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.007 min
Response: 8833686
Conc: 53.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.008 min
Response: 8008344
Conc: 51.29 ug/ml



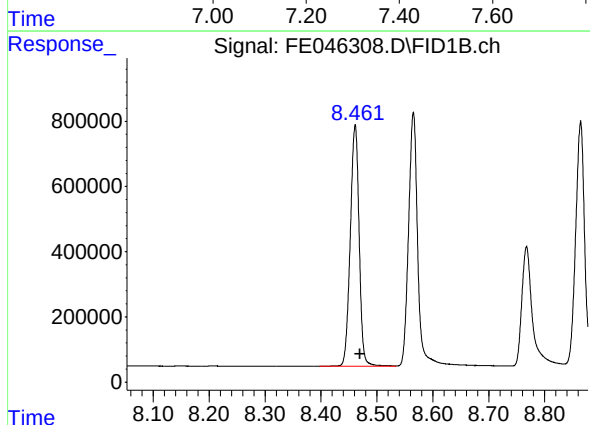
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 8565015
Conc: 53.80 ug/ml

Instrument :
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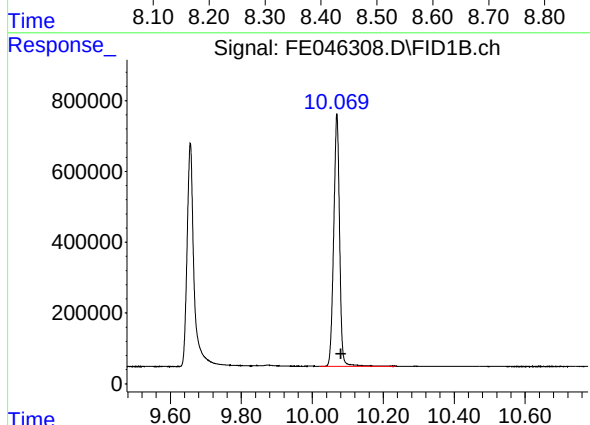
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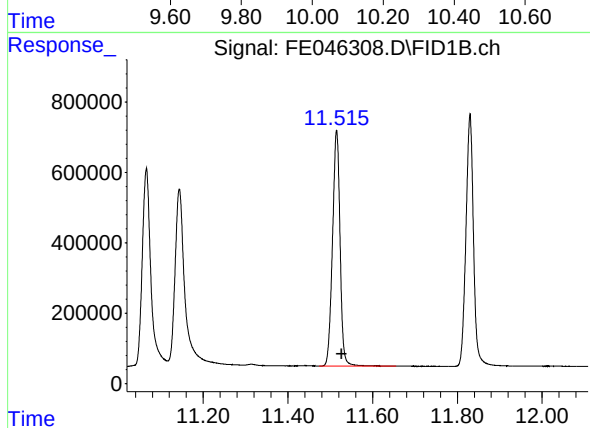
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.009 min
Response: 8148890
Conc: 52.31 ug/ml



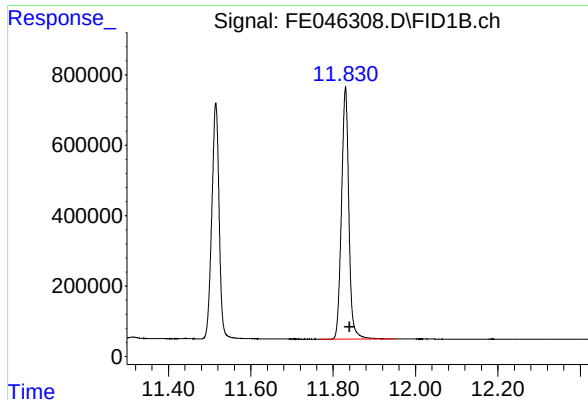
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.011 min
Response: 8166108
Conc: 51.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.515 min
Delta R.T.: -0.012 min
Response: 8270060
Conc: 52.54 ug/ml



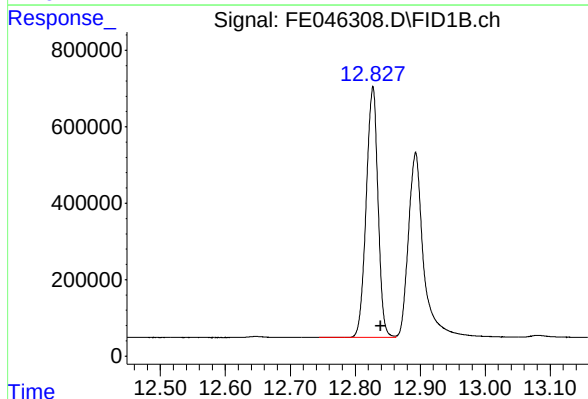
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.010 min
Response: 8874863
Conc: 48.84 ug/ml

Instrument :
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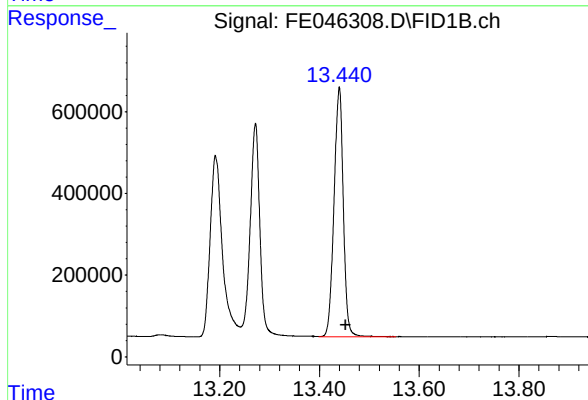
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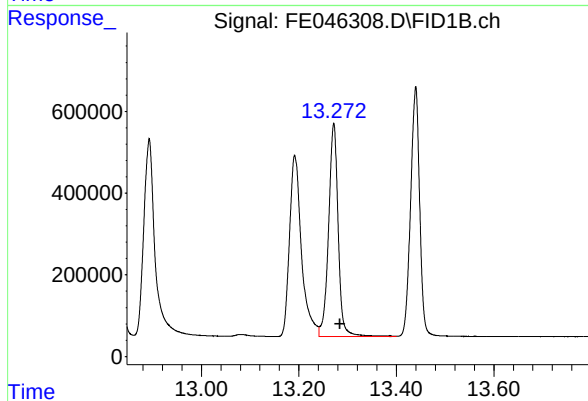
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.012 min
Response: 8254188
Conc: 54.56 ug/ml



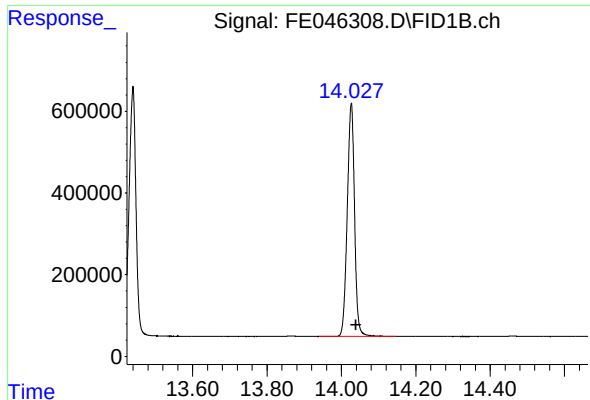
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.013 min
Response: 7889822
Conc: 53.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.013 min
Response: 7110998
Conc: 53.22 ug/ml



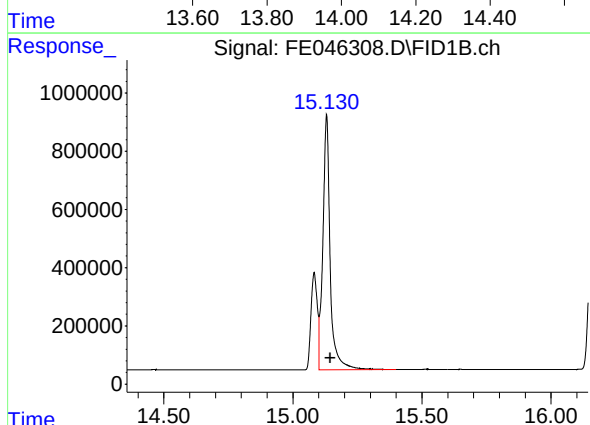
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.013 min
Response: 7768463
Conc: 53.15 ug/ml

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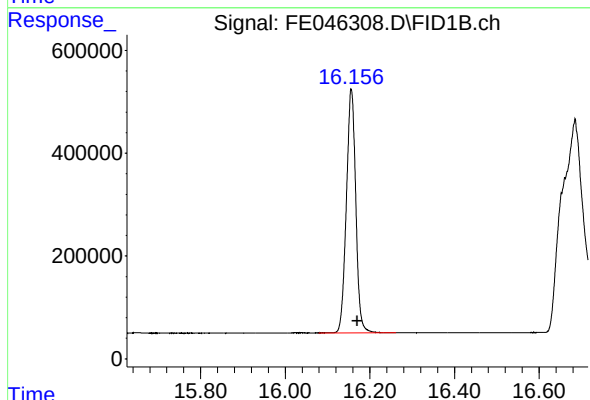
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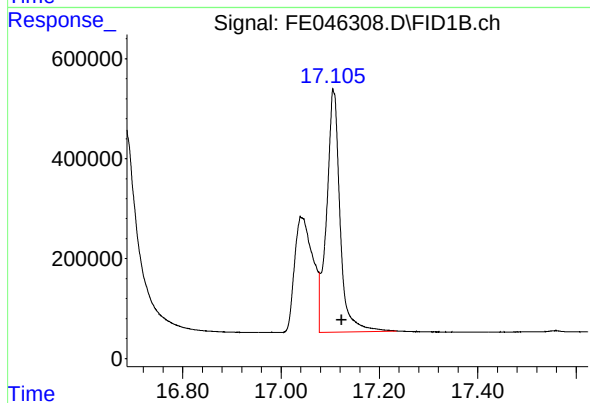
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.015 min
Response: 17256133
Conc: 118.98 ug/ml



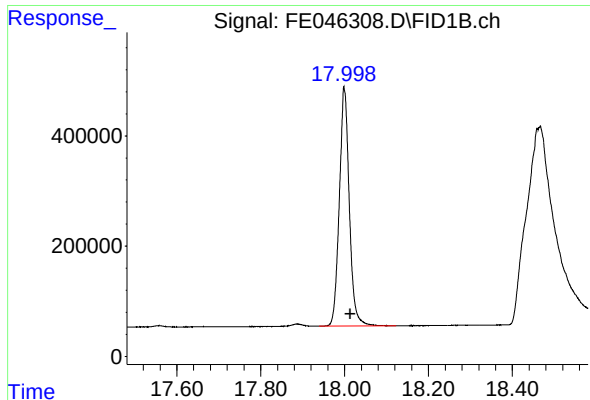
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.014 min
Response: 7318610
Conc: 51.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.017 min
Response: 9211781
Conc: 64.23 ug/ml m



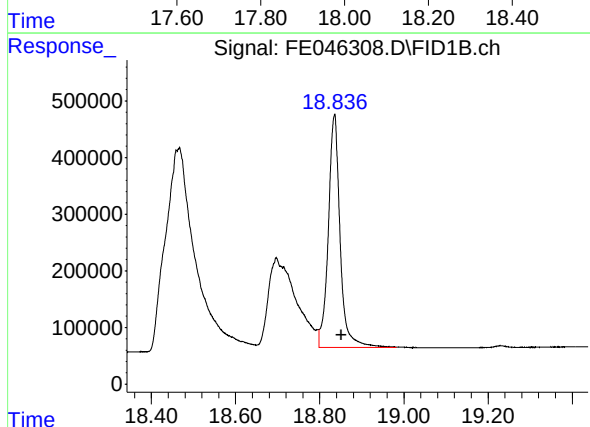
#17 n-Tricontane (C30)

R.T.: 17.999 min
Delta R.T.: -0.015 min
Response: 7154765
Conc: 48.14 ug/ml

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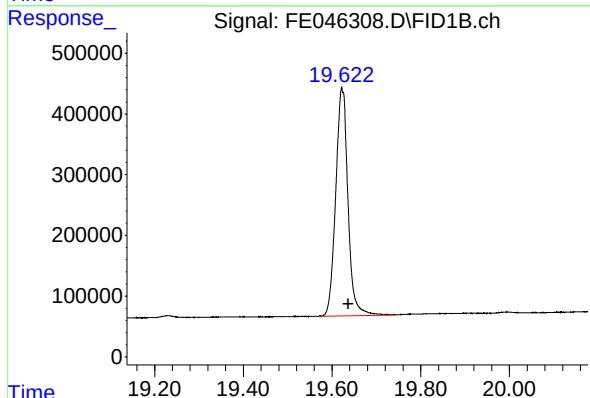
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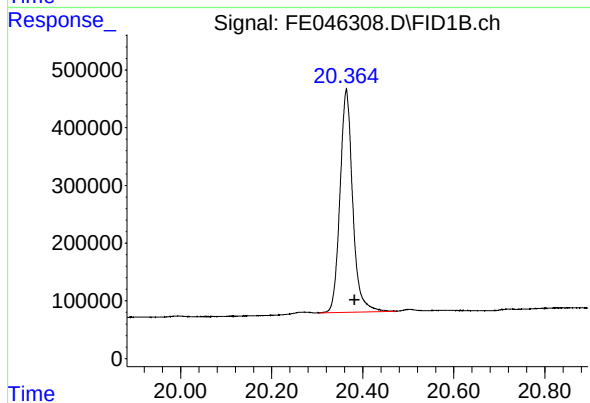
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: -0.016 min
Response: 8001827
Conc: 53.50 ug/ml m



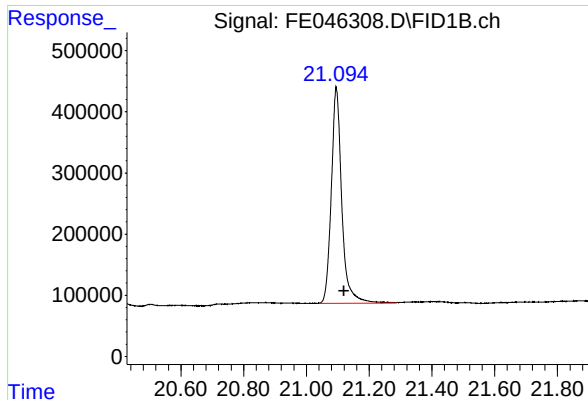
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.015 min
Response: 7204699
Conc: 50.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.364 min
Delta R.T.: -0.018 min
Response: 7471366
Conc: 51.24 ug/ml m



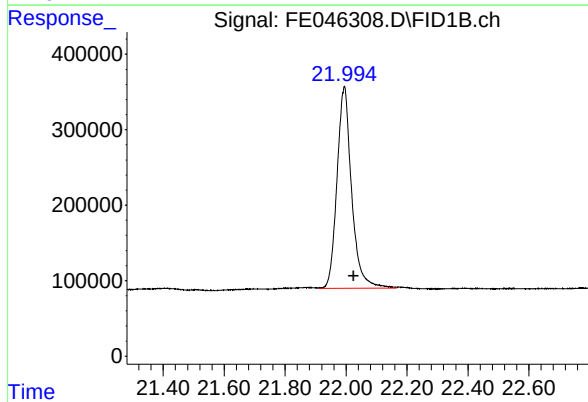
#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.025 min
Response: 8191401
Conc: 55.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: -0.031 min
Response: 8901892
Conc: 56.87 ug/ml m