

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011624AL\
 Data File : FE046252.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2024 17:38
 Operator : YP\AJ
 Sample : PB158459BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158459BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/17/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 17 01:18:23 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)	11.831	7508148	41.316 ug/ml
Spiked Amount 50.000		Recovery =	82.63%
12) S 1-chlorooctadecane (S...	13.273	6035506	45.172 ug/ml
Spiked Amount 50.000		Recovery =	90.34%
Target Compounds			
1) T n-Nonane (C9)	3.226	6083828	39.752 ug/ml
2) T n-Decane (C10)	4.472	6433451	41.453 ug/ml
3) T A~Naphthalene (C11.7)	6.170	7600038	45.699 ug/ml
4) T n-Dodecane (C12)	6.634	6910597	44.260 ug/ml
5) T A~2-methylnaphthalene...	7.265	7394653	46.446 ug/ml
6) T n-Tetradecane (C14)	8.461	7007225	44.984 ug/ml
7) T n-Hexadecane (C16)	10.070	7040445	44.459 ug/ml
8) T n-Octadecane (C18)	11.516	7130365	45.303 ug/ml
10) T n-Eicosane (C20)	12.828	7118233	47.054 ug/ml
11) T n-Heneicosane (C21)	13.440	6828041	46.433 ug/ml
13) T n-Docosane (C22)	14.028	6722412	45.990 ug/ml
14) T n-Tetracosane (C24)	15.132	14787447	101.959 ug/ml
15) T n-Hexacosane (C26)	16.159	6361199	44.370 ug/ml
16) T n-Octacosane (C28)	17.109	7878768	54.935 ug/ml
17) T n-Tricontane (C30)	18.001	6181517	41.588 ug/ml
18) T n-Dotriacontane (C32)	18.837	6889630	46.065 ug/ml
19) T n-Tetratriacontane (C34)	19.622	6131125	42.798 ug/ml
20) T n-Hexatriacontane (C36)	20.364	5891584	40.408 ug/ml
21) T n-Octatriacontane (C38)	21.098	6217187	42.162 ug/ml
22) T n-Tetracontane (C40)	21.996	6504474	41.555 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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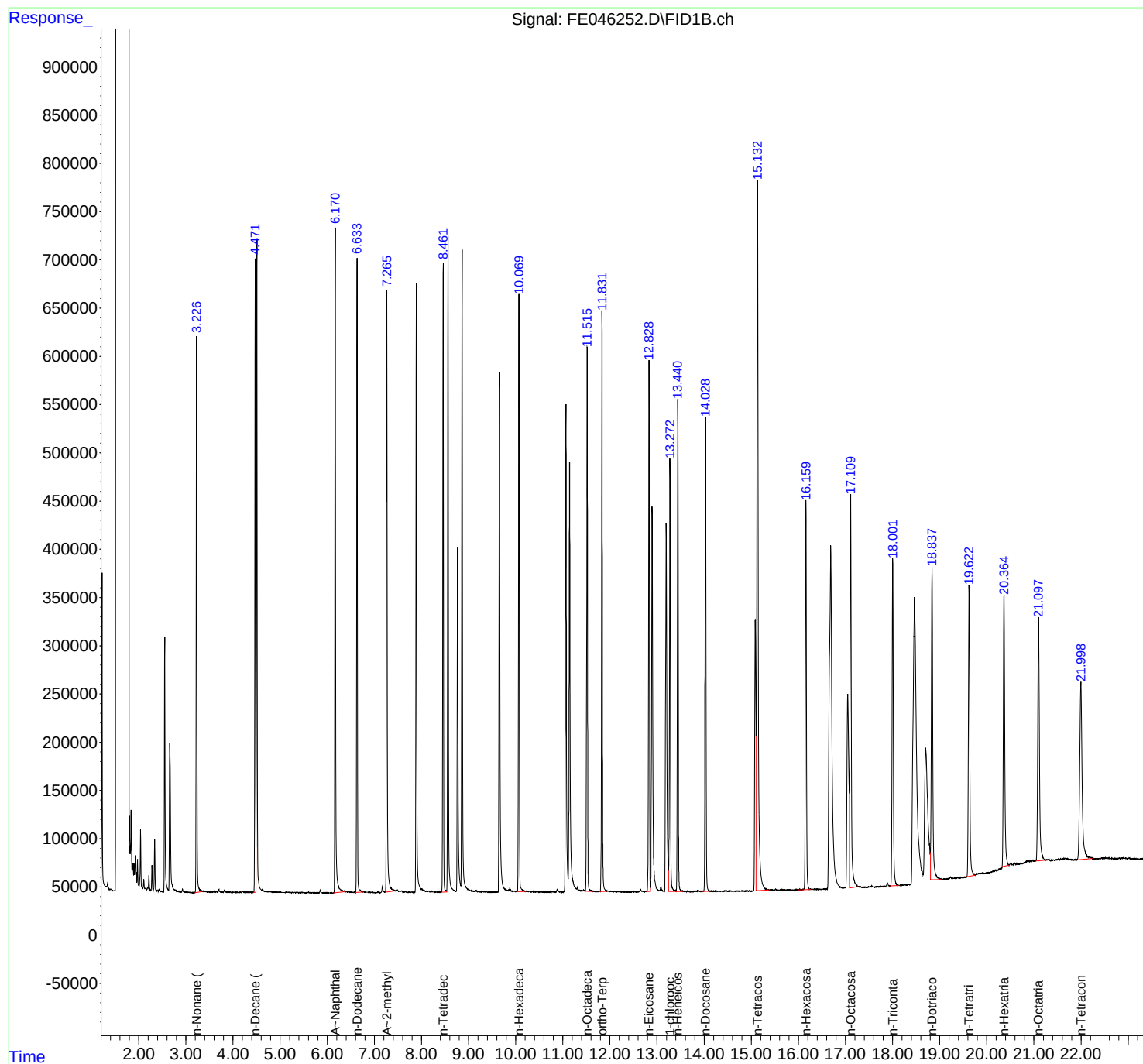
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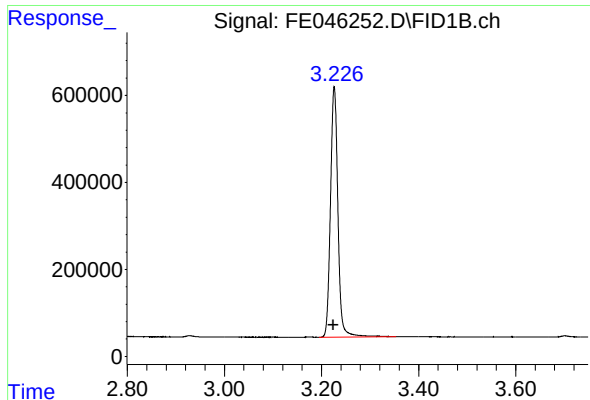
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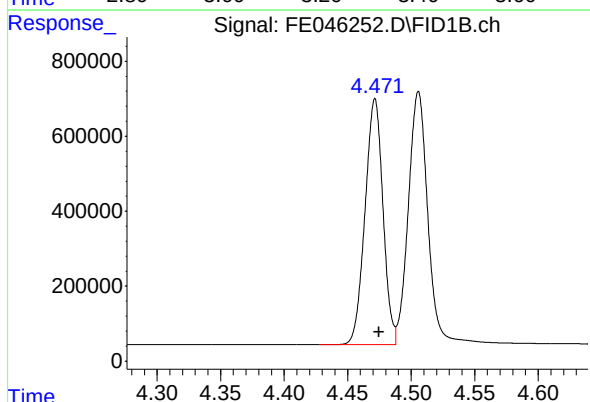
#1 n-Nonane (C9)

R.T.: 3.226 min
Delta R.T.: 0.002 min
Response: 6083828
Conc: 39.75 ug/ml

Instrument :
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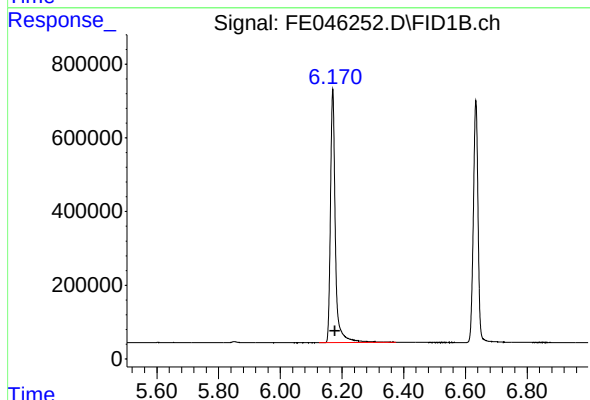
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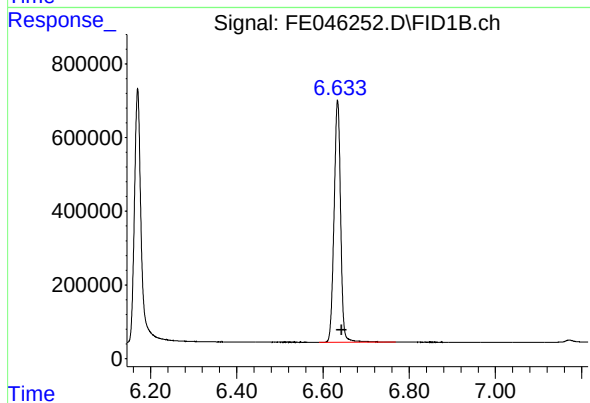
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.003 min
Response: 6433451
Conc: 41.45 ug/ml



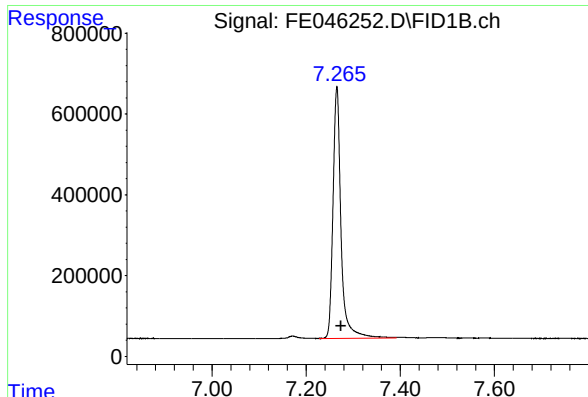
#3 A~Naphthalene (C11.7)

R.T.: 6.170 min
Delta R.T.: -0.007 min
Response: 7600038
Conc: 45.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.009 min
Response: 6910597
Conc: 44.26 ug/ml



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

R.T.: 7.265 min
Delta R.T.: -0.008 min
Response: 7394653
Conc: 46.45 ug/ml

Instrument :

FID_E

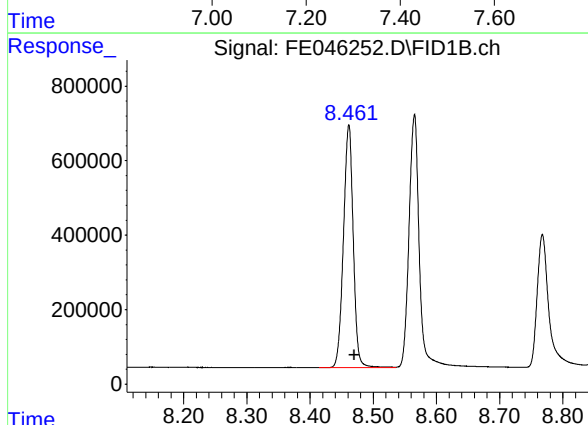
ClientSampleId :

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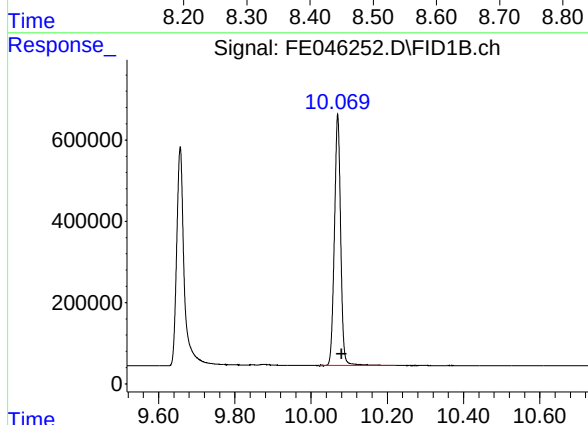
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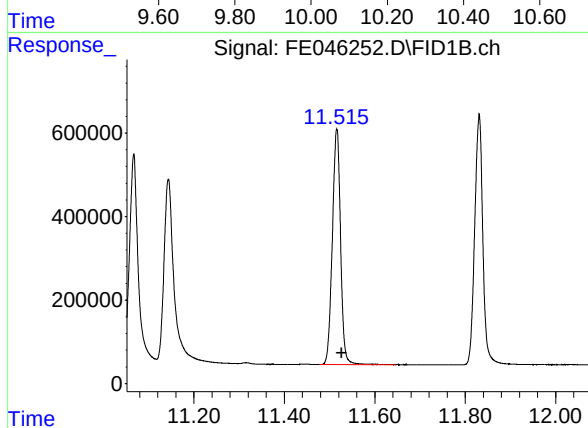
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.008 min
Response: 7007225
Conc: 44.98 ug/ml



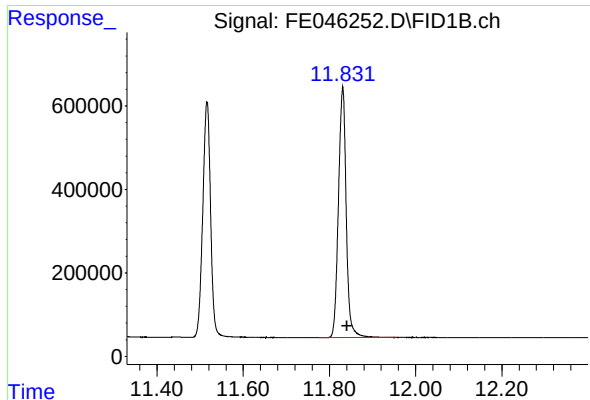
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.010 min
Response: 7040445
Conc: 44.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.516 min
Delta R.T.: -0.011 min
Response: 7130365
Conc: 45.30 ug/ml



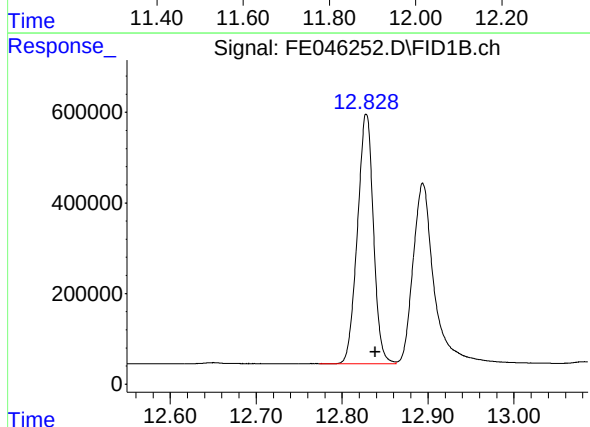
#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min
Delta R.T.: -0.009 min
Response: 7508148
Conc: 41.32 ug/ml

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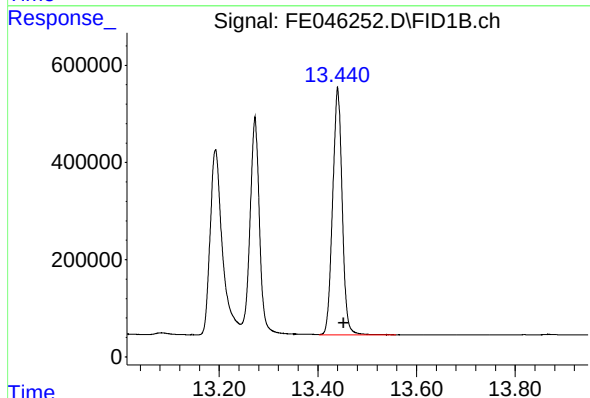
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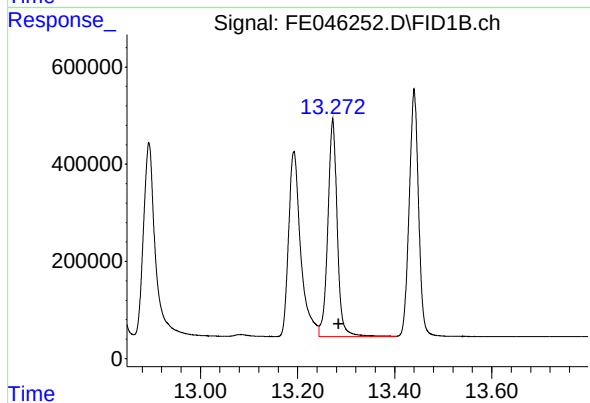
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.011 min
Response: 7118233
Conc: 47.05 ug/ml



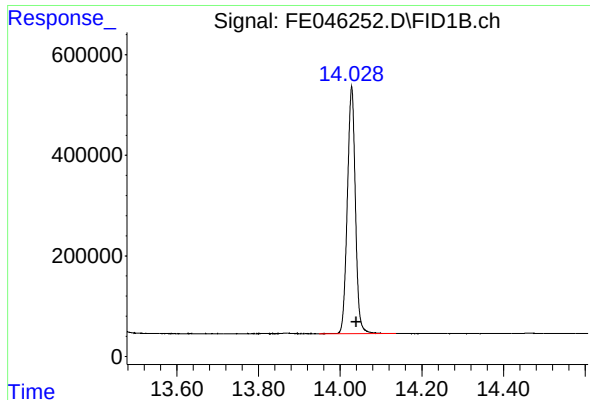
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.012 min
Response: 6828041
Conc: 46.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.012 min
Response: 6035506
Conc: 45.17 ug/ml



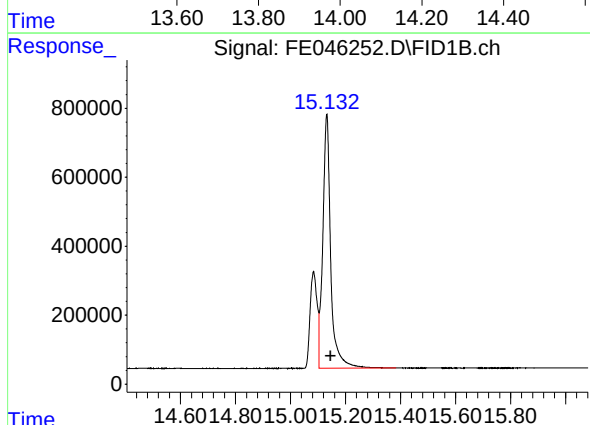
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.011 min
Response: 6722412
Conc: 45.99 ug/ml

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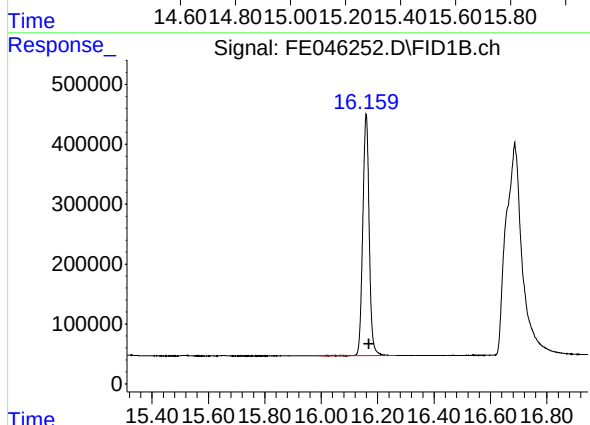
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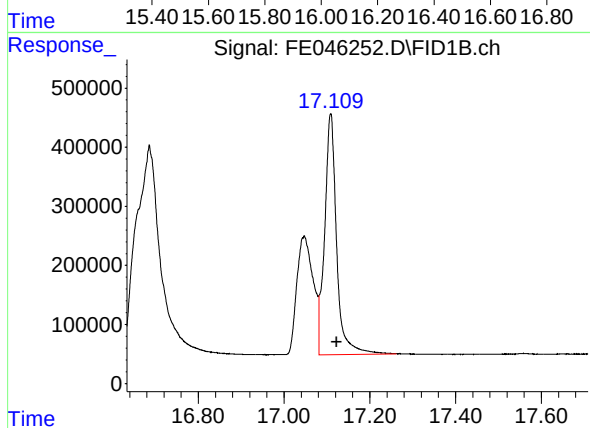
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.013 min
Response: 14787447
Conc: 101.96 ug/ml



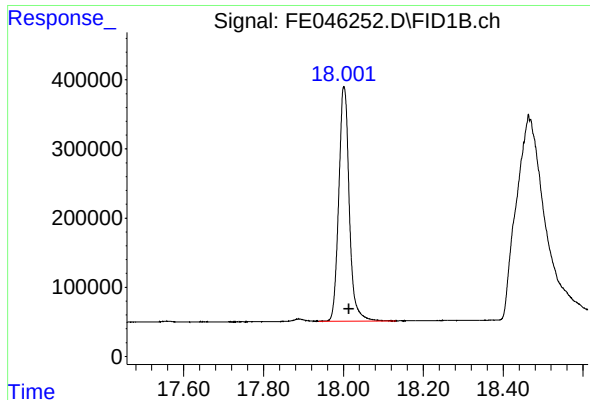
#15 n-Hexacosane (C26)

R.T.: 16.159 min
Delta R.T.: -0.010 min
Response: 6361199
Conc: 44.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.014 min
Response: 7878768
Conc: 54.94 ug/ml m



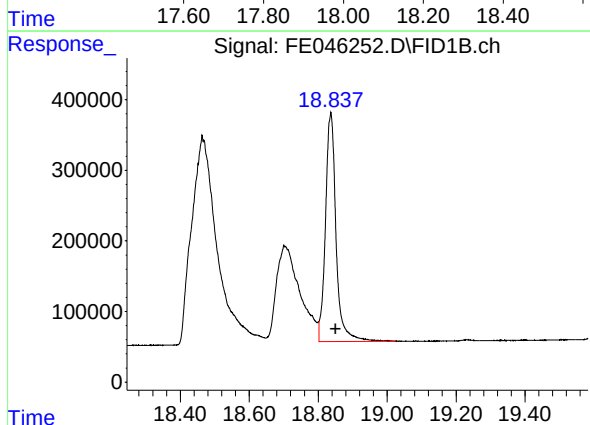
#17 n-Tricontane (C30)

R.T.: 18.001 min
Delta R.T.: -0.013 min
Response: 6181517
Conc: 41.59 ug/ml

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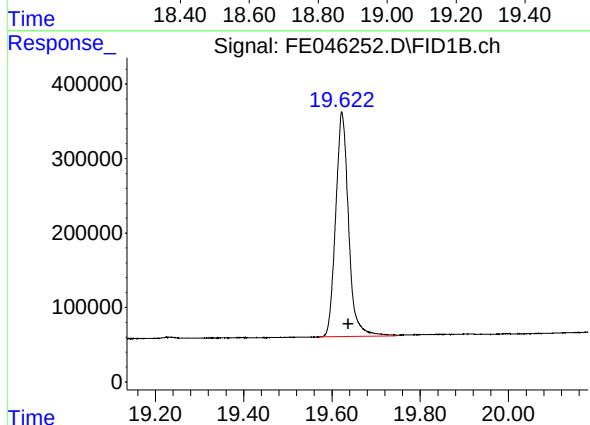
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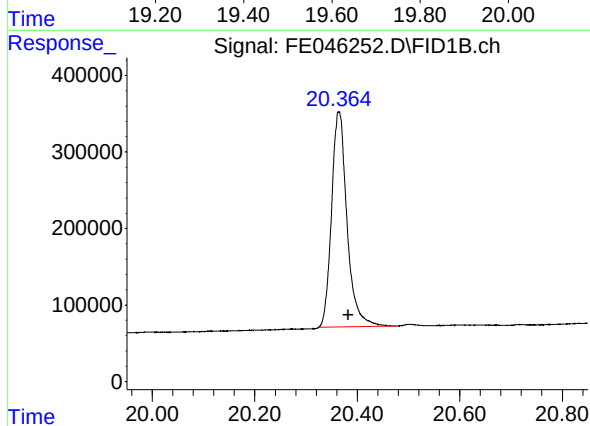
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: -0.015 min
Response: 6889630
Conc: 46.07 ug/ml



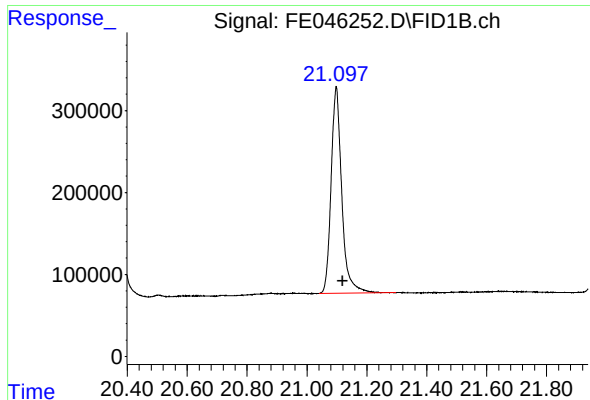
#19 n-Tetatriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.014 min
Response: 6131125
Conc: 42.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.364 min
Delta R.T.: -0.018 min
Response: 5891584
Conc: 40.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.022 min
Response: 6217187
Conc: 42.16 ug/ml

Instrument :

FID_E

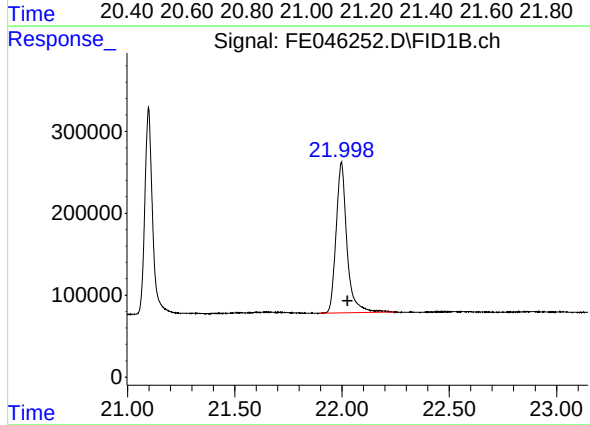
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#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: -0.029 min
Response: 6504474
Conc: 41.56 ug/ml