

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046301.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 10:45
 Operator : YP\AJ
 Sample : PB158489BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158489BS

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 22:08:02 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)	11.834	8848657	48.692 ug/ml
Spiked Amount 50.000		Recovery =	97.38%
12) S 1-chlorooctadecane (S...	13.276	7133097	53.387 ug/ml
Spiked Amount 50.000		Recovery =	106.77%
Target Compounds			
1) T n-Nonane (C9)	3.228	7125152	46.556 ug/ml
2) T n-Decane (C10)	4.472	7439537	47.936 ug/ml
3) T A~Naphthalene (C11.7)	6.171	8774077	52.759 ug/ml
4) T n-Dodecane (C12)	6.634	7962158	50.995 ug/ml
5) T A~2-methylnaphthalene...	7.266	8553780	53.726 ug/ml
6) T n-Tetradecane (C14)	8.463	8109827	52.062 ug/ml
7) T n-Hexadecane (C16)	10.073	8130239	51.341 ug/ml
8) T n-Octadecane (C18)	11.519	8245050	52.385 ug/ml
10) T n-Eicosane (C20)	12.832	8234833	54.435 ug/ml
11) T n-Heneicosane (C21)	13.444	7868356	53.508 ug/ml
13) T n-Docosane (C22)	14.031	7747534	53.003 ug/ml
14) T n-Tetracosane (C24)	15.136	17145676	118.219 ug/ml
15) T n-Hexacosane (C26)	16.161	7278114	50.765 ug/ml
16) T n-Octacosane (C28)	17.113	9365808	65.304 ug/mlm
17) T n-Tricontane (C30)	18.005	7091899	47.713 ug/ml
18) T n-Dotriacontane (C32)	18.840	7906621	52.865 ug/mlm
19) T n-Tetratriacontane (C34)	19.626	7174838	50.084 ug/ml
20) T n-Hexatriacontane (C36)	20.370	7205920	49.423 ug/ml
21) T n-Octatriacontane (C38)	21.103	7959979	53.981 ug/ml
22) T n-Tetracontane (C40)	22.004	8961114	57.250 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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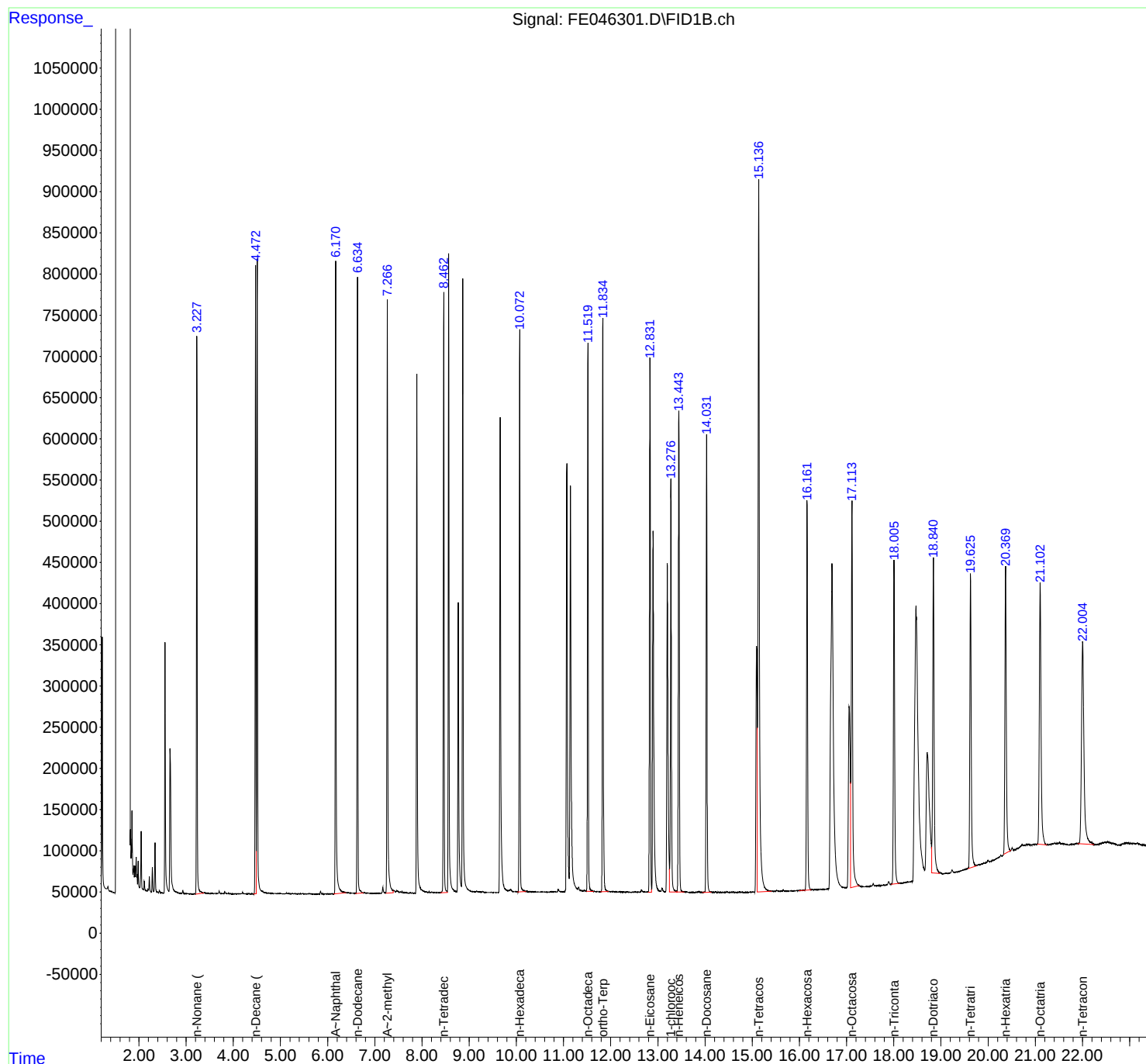
Response via : Initial Calibration

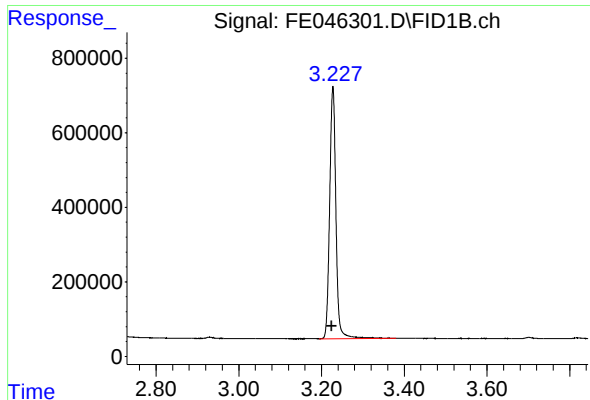
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.228 min
Delta R.T.: 0.004 min
Response: 7125152
Conc: 46.56 ug/ml

Instrument :

FID_E

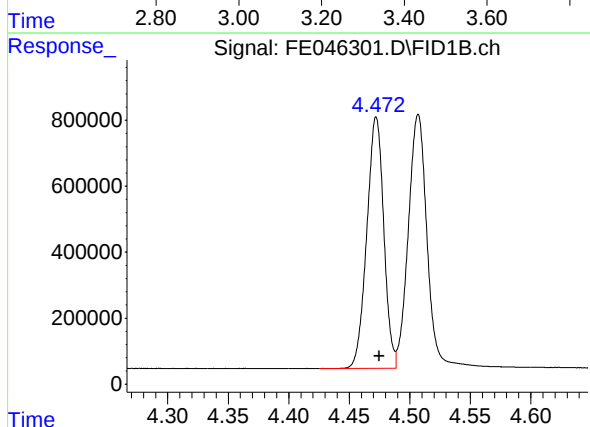
ClientSampleId :

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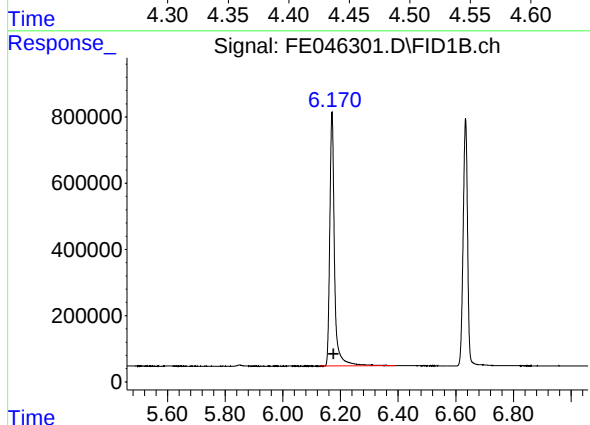
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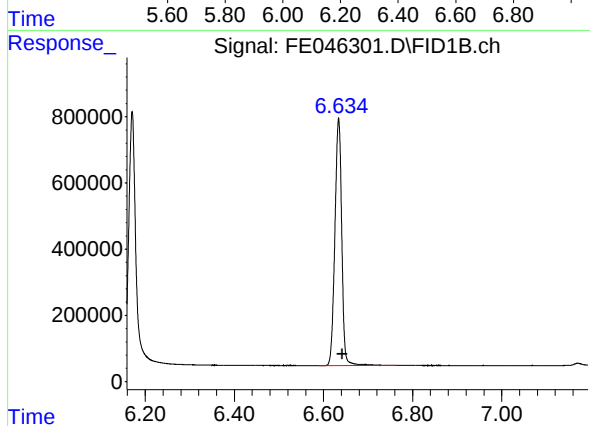
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.002 min
Response: 7439537
Conc: 47.94 ug/ml



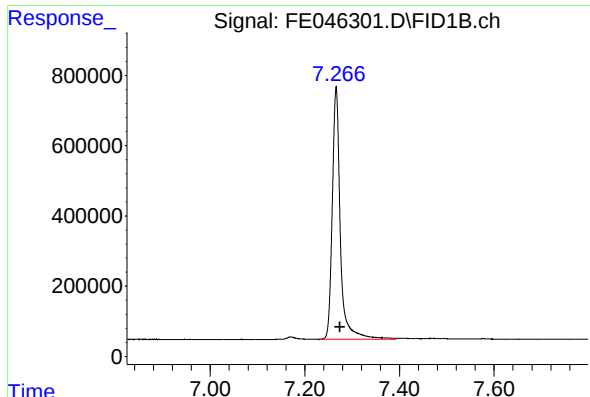
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.006 min
Response: 8774077
Conc: 52.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.008 min
Response: 7962158
Conc: 50.99 ug/ml



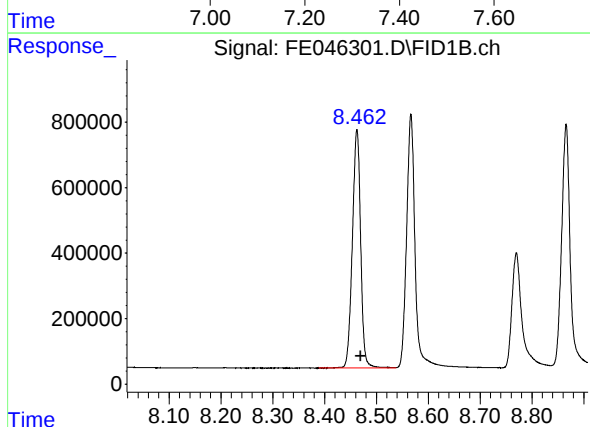
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 8553780
Conc: 53.73 ug/ml

Instrument :
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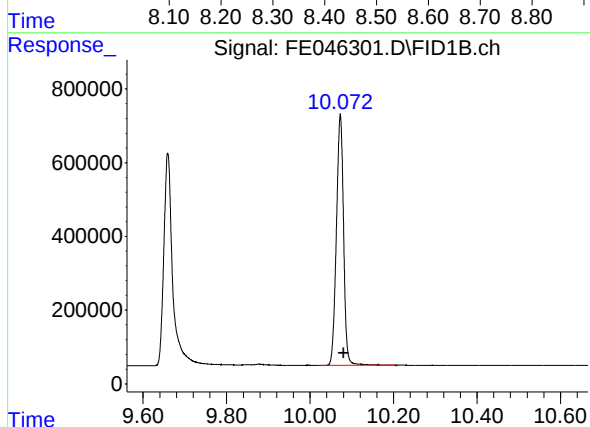
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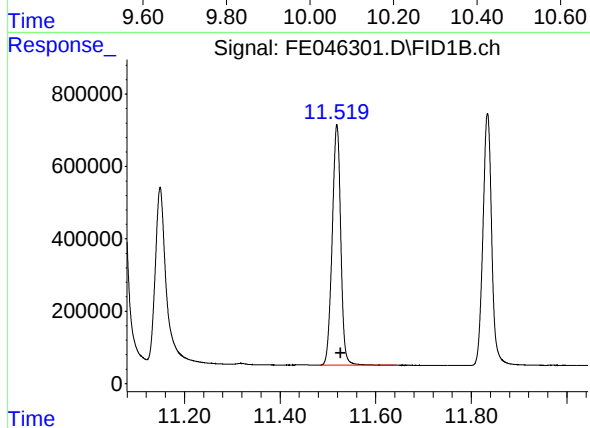
#6 n-Tetradecane (C14)

R.T.: 8.463 min
Delta R.T.: -0.007 min
Response: 8109827
Conc: 52.06 ug/ml



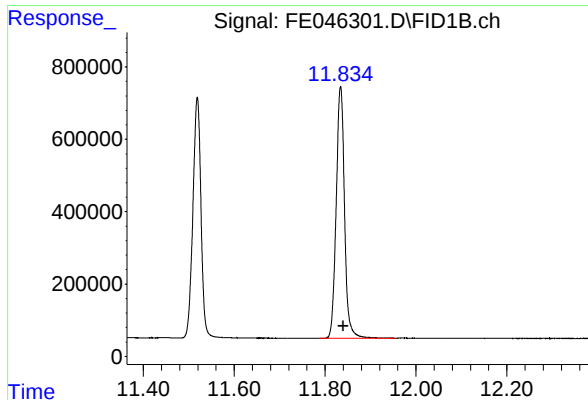
#7 n-Hexadecane (C16)

R.T.: 10.073 min
Delta R.T.: -0.008 min
Response: 8130239
Conc: 51.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.519 min
Delta R.T.: -0.008 min
Response: 8245050
Conc: 52.39 ug/ml



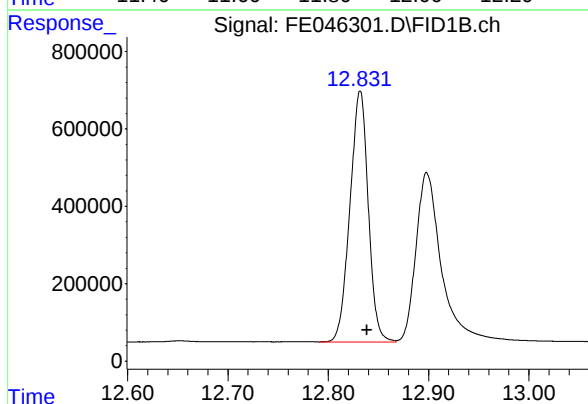
#9 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: -0.006 min
Response: 8848657
Conc: 48.69 ug/ml

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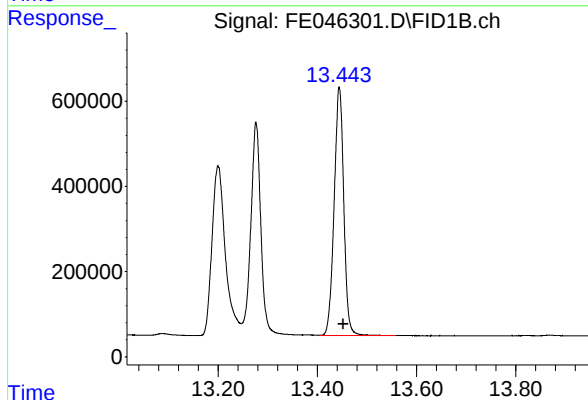
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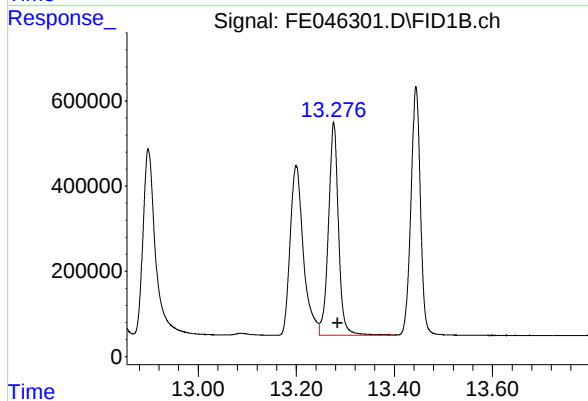
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.007 min
Response: 8234833
Conc: 54.44 ug/ml



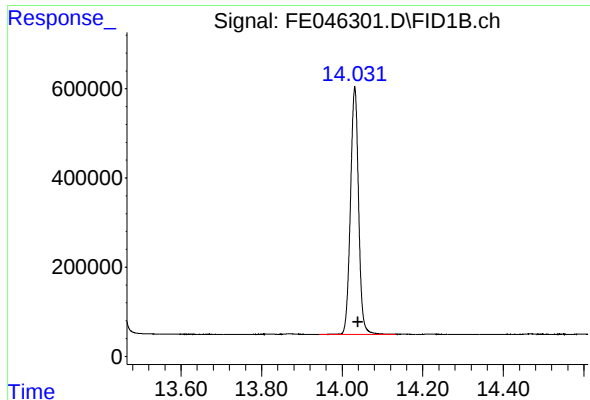
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.009 min
Response: 7868356
Conc: 53.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.008 min
Response: 7133097
Conc: 53.39 ug/ml



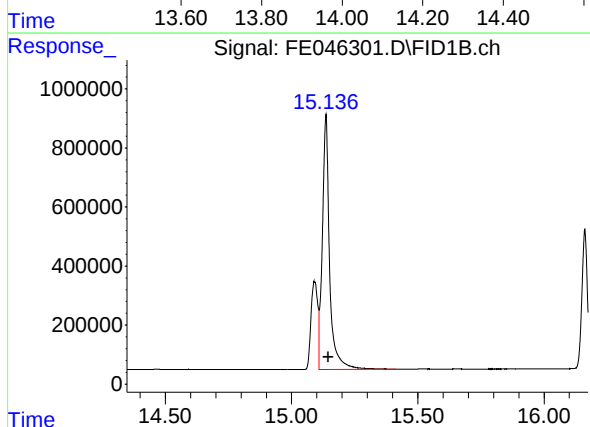
#13 n-Docosane (C22)

R.T.: 14.031 min
Delta R.T.: -0.008 min
Response: 7747534
Conc: 53.00 ug/ml

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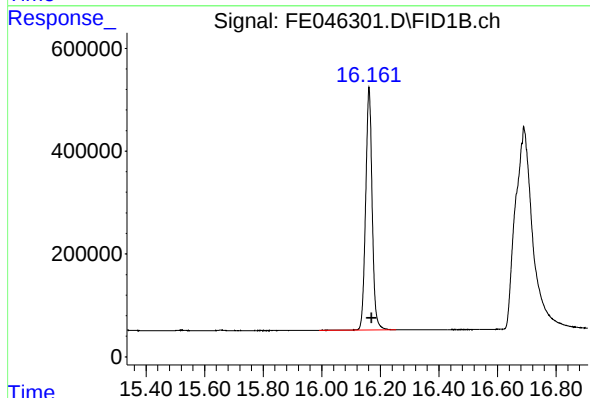
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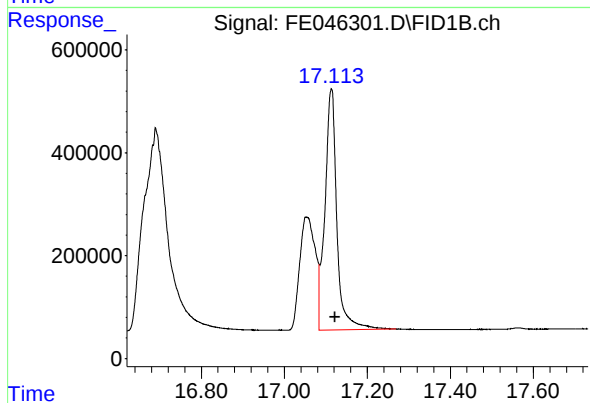
#14 n-Tetracosane (C24)

R.T.: 15.136 min
Delta R.T.: -0.009 min
Response: 17145676
Conc: 118.22 ug/ml



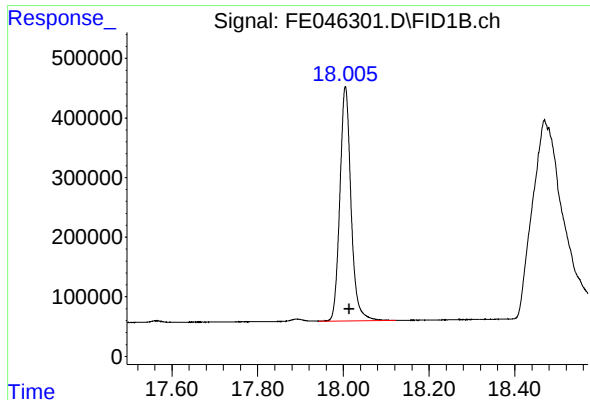
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.008 min
Response: 7278114
Conc: 50.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.010 min
Response: 9365808
Conc: 65.30 ug/ml m



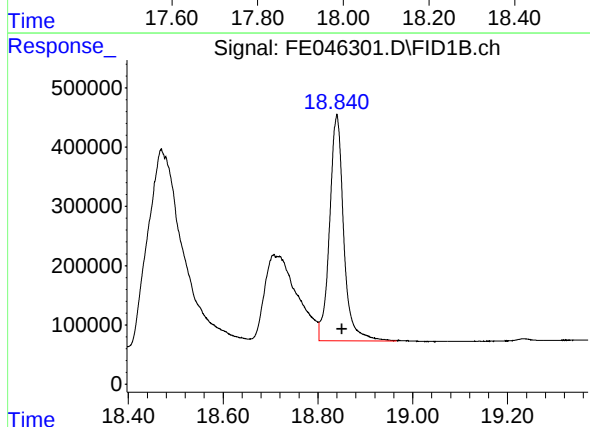
#17 n-Tricontane (C30)

R.T.: 18.005 min
Delta R.T.: -0.009 min
Response: 7091899
Conc: 47.71 ug/ml

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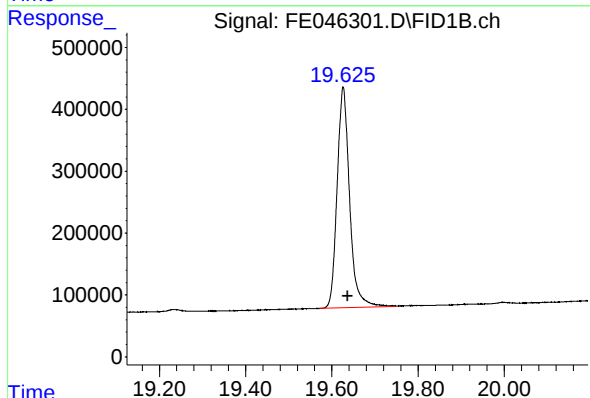
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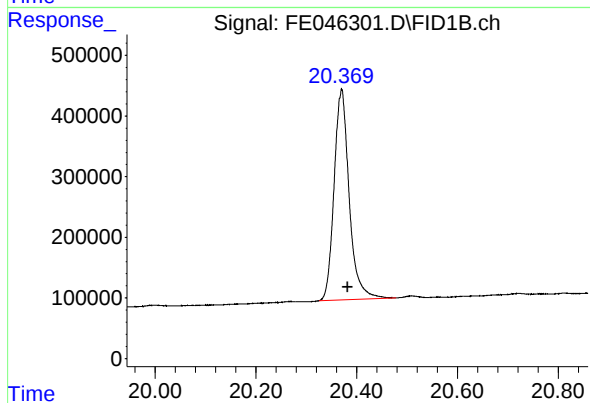
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.012 min
Response: 7906621
Conc: 52.87 ug/ml m



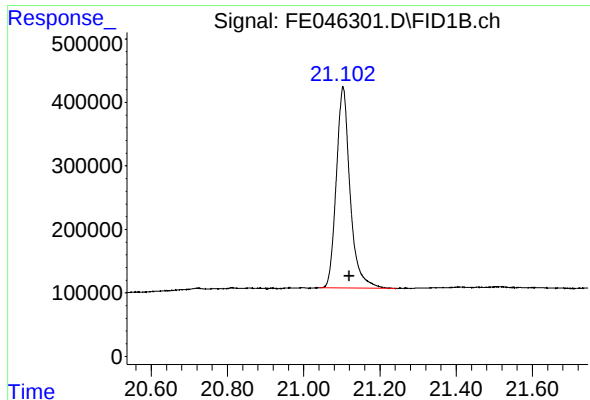
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.010 min
Response: 7174838
Conc: 50.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.012 min
Response: 7205920
Conc: 49.42 ug/ml



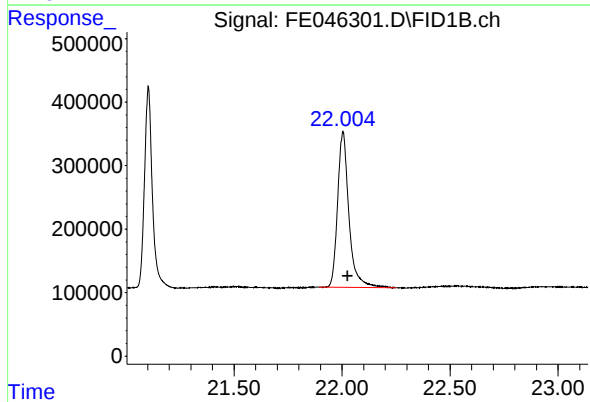
#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.017 min
Response: 7959979
Conc: 53.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: -0.021 min
Response: 8961114
Conc: 57.25 ug/ml