

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
 Data File : FE045598.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2023 17:22
 Operator : YP\AJ
 Sample : 05576-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TR-04-112923MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :Ankita Jodhani 12/01/2023

Integration File: autoint1.e

Quant Time: Nov 30 23:26:37 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M

Quant Title : GC Extractables

QLast Update : Thu Nov 30 12:25:07 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)	11.863	7118251	34.040 ug/ml
Spiked Amount 50.000		Recovery =	68.08%
12) S 1-chlorooctadecane (S...	13.306	11445547	72.741 ug/ml
Spiked Amount 50.000		Recovery =	145.48%
Target Compounds			
1) T n-Nonane (C9)	3.250	4139264	26.103 ug/ml
2) T n-Decane (C10)	4.502	4647576	29.023 ug/ml
3) T A~Naphthalene (C11.7)	6.200	5509692	31.630 ug/ml
4) T n-Dodecane (C12)	6.668	5215367	32.288 ug/ml
5) T A~2-methylnaphthalene...	7.296	5724169	33.708 ug/ml
6) T n-Tetradecane (C14)	8.496	5755831	35.879 ug/ml
7) T n-Hexadecane (C16)	10.104	6146711	37.119 ug/ml
8) T n-Octadecane (C18)	11.550	6464708	37.706 ug/ml
10) T n-Eicosane (C20)	12.861	6637284	38.361 ug/ml
11) T n-Heneicosane (C21)	13.473	6342181	36.867 ug/ml
13) T n-Docosane (C22)	14.061	6384401	37.028 ug/ml
14) T n-Tetracosane (C24)	15.143	12547446	71.872 ug/mlm
15) T n-Hexacosane (C26)	16.191	6189097	35.538 ug/ml
16) T n-Octacosane (C28)	17.141	6041092	34.953 ug/ml
17) T n-Tricontane (C30)	18.032	5955247	34.040 ug/ml
18) T n-Dotriacontane (C32)	18.864	5709555	31.296 ug/ml
19) T n-Tetratriacontane (C34)	19.650	5495509	33.119 ug/ml
20) T n-Hexatriacontane (C36)	20.391	5071812	31.951 ug/ml
21) T n-Octatriacontane (C38)	21.126	5090268	32.459 ug/ml
22) T n-Tetracontane (C40)	22.028	4977210	35.022 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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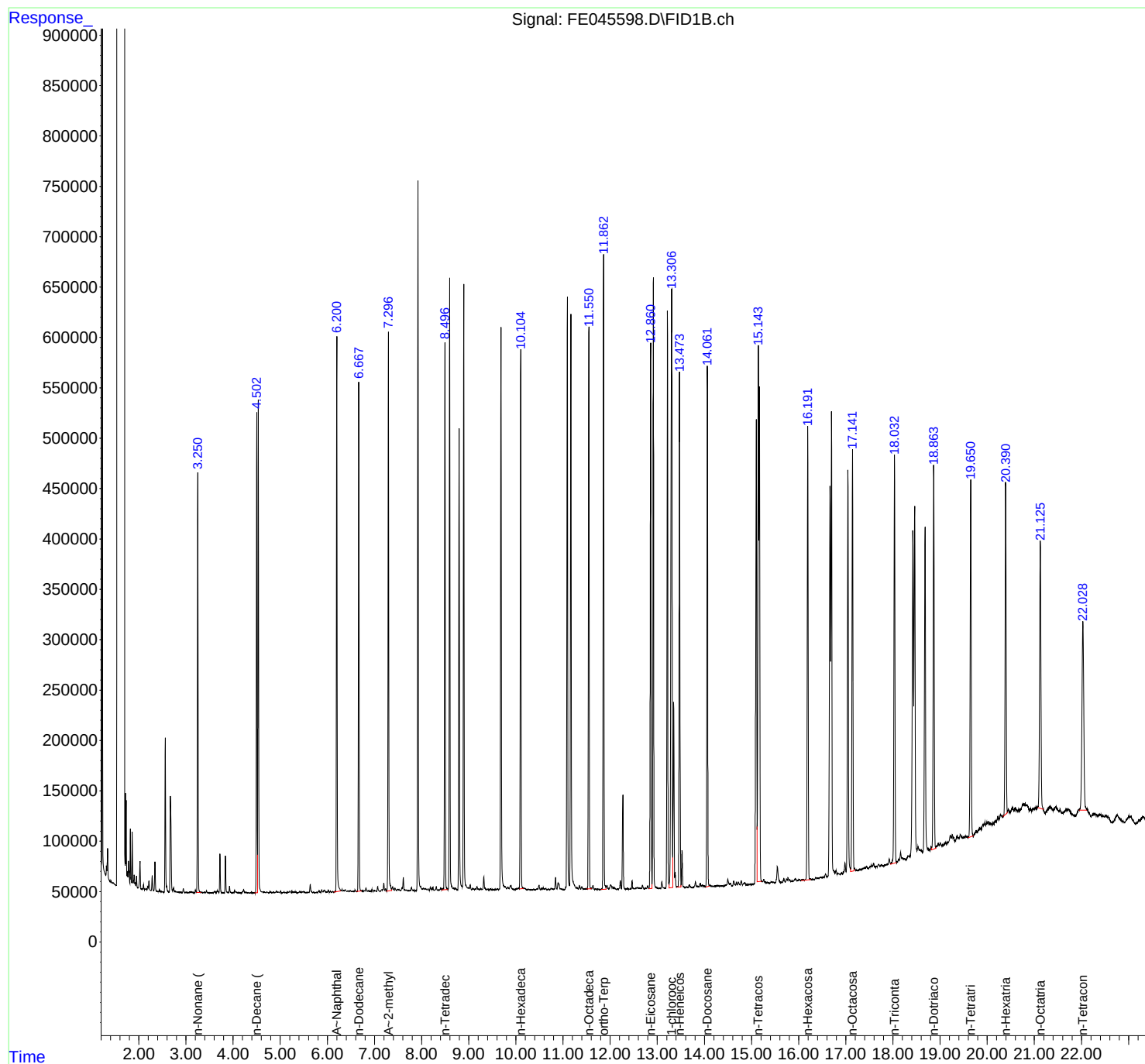
Instrument :
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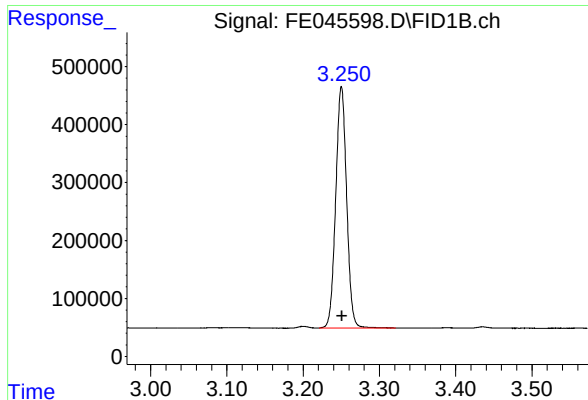
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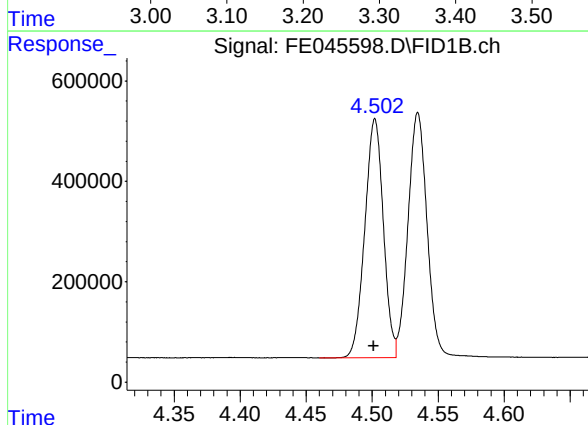
#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: 0.000 min
Response: 4139264
Conc: 26.10 ug/ml

Instrument :
FID_E
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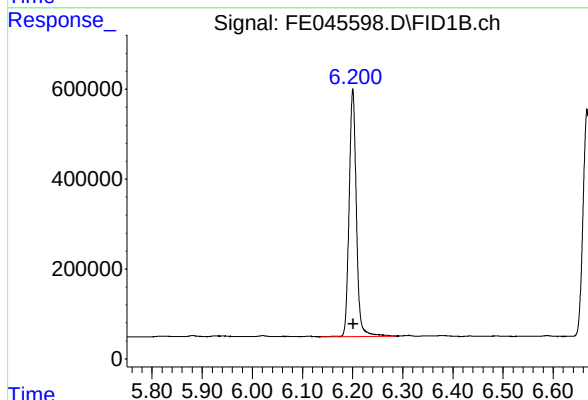
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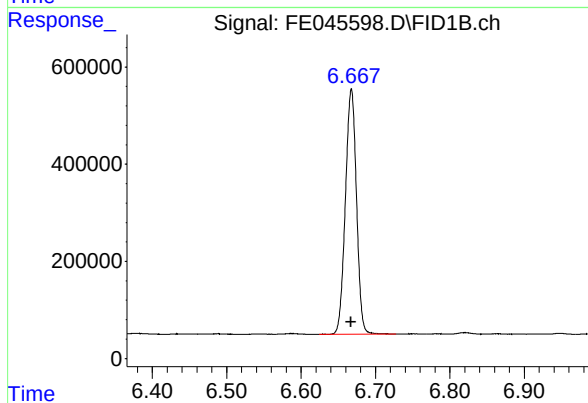
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 4647576
Conc: 29.02 ug/ml



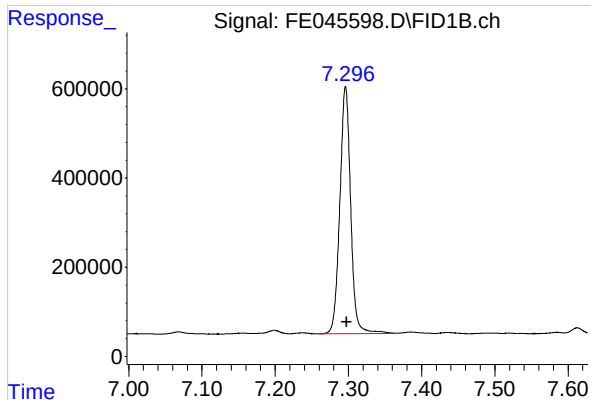
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.001 min
Response: 5509692
Conc: 31.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 5215367
Conc: 32.29 ug/ml



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

R.T.: 7.296 min
Delta R.T.: -0.001 min
Response: 5724169
Conc: 33.71 ug/ml

Instrument :

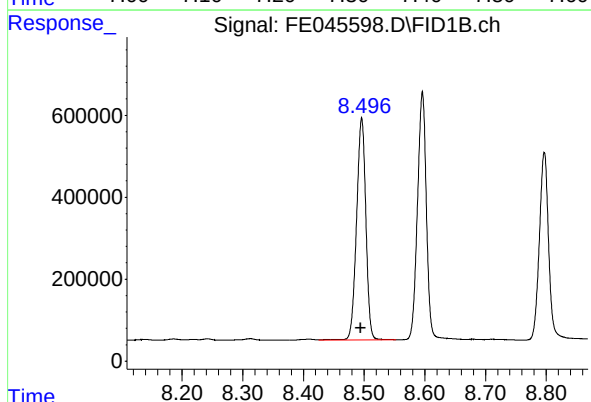
FID_E

ClientSampleId :

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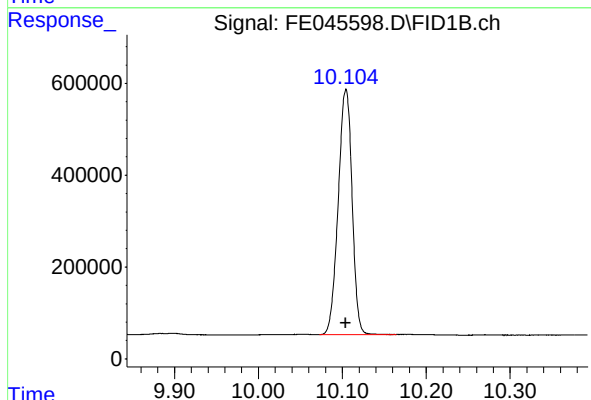
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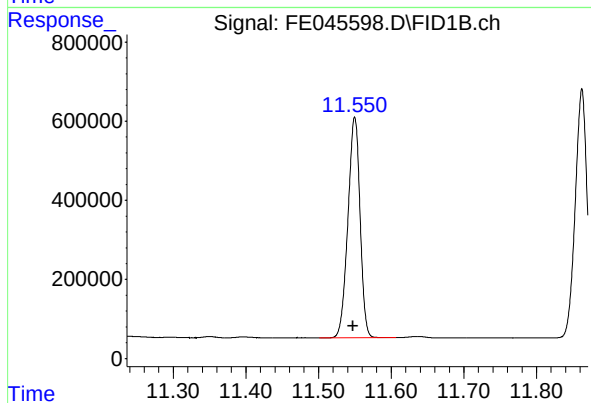
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: 0.002 min
Response: 5755831
Conc: 35.88 ug/ml



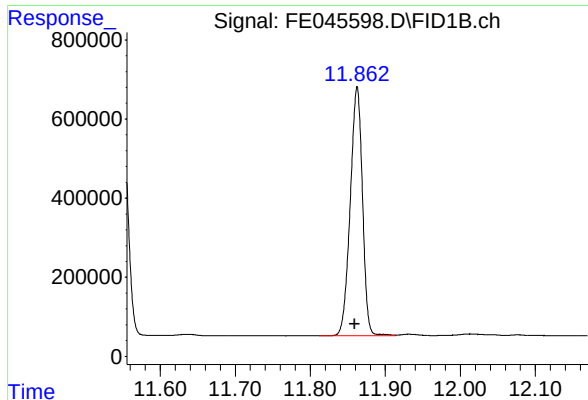
#7 n-Hexadecane (C16)

R.T.: 10.104 min
Delta R.T.: 0.000 min
Response: 6146711
Conc: 37.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.550 min
Delta R.T.: 0.003 min
Response: 6464708
Conc: 37.71 ug/ml



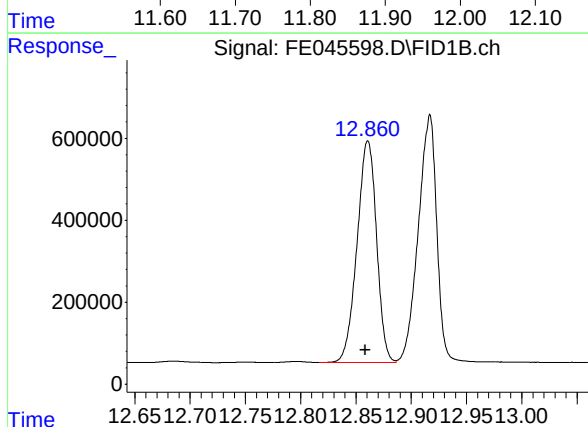
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: 0.004 min
Response: 7118251
Conc: 34.04 ug/ml

Instrument : FID_E
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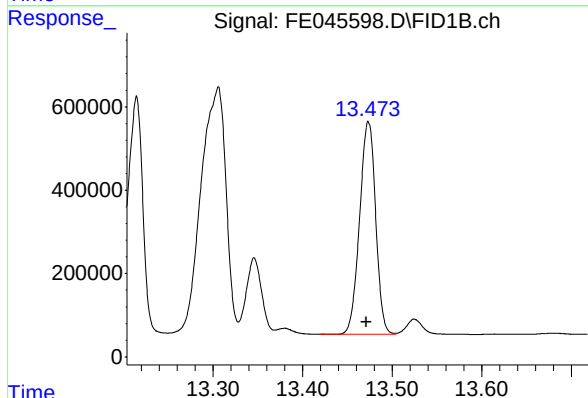
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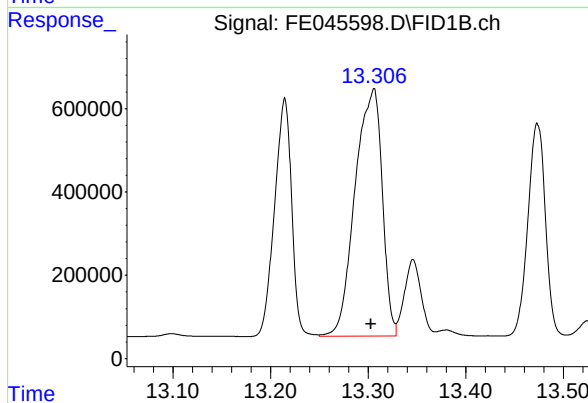
#10 n-Eicosane (C20)

R.T.: 12.861 min
Delta R.T.: 0.003 min
Response: 6637284
Conc: 38.36 ug/ml



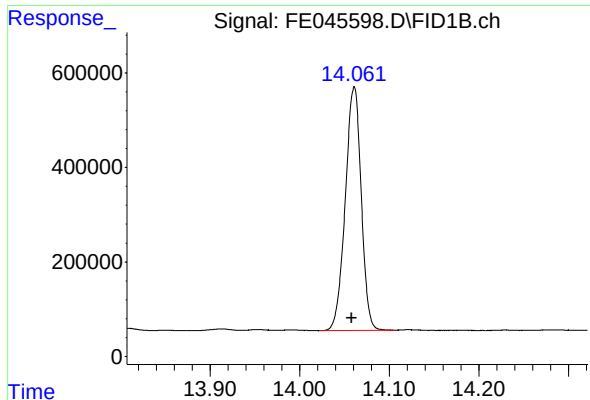
#11 n-Heneicosane (C21)

R.T.: 13.473 min
Delta R.T.: 0.002 min
Response: 6342181
Conc: 36.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.306 min
Delta R.T.: 0.003 min
Response: 11445547
Conc: 72.74 ug/ml



#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: 0.003 min
Response: 6384401
Conc: 37.03 ug/ml

Instrument :

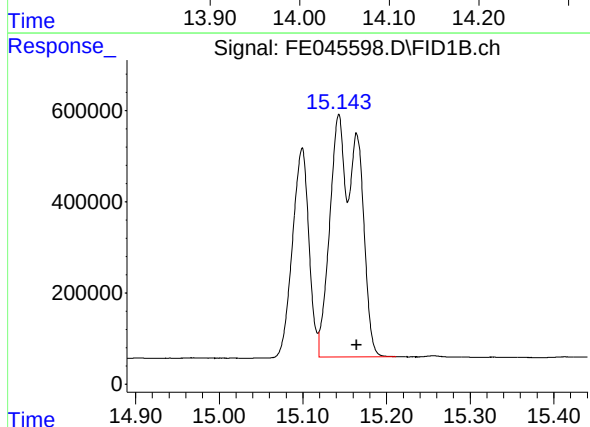
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ClientSampleId :

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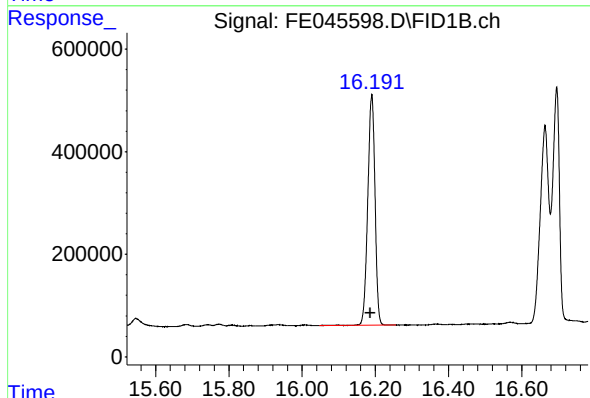
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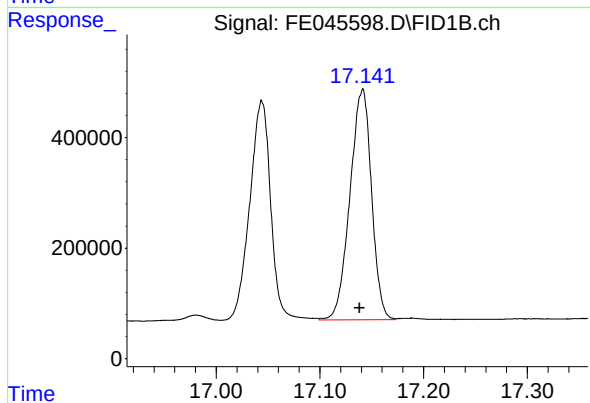
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.021 min
Response: 12547446
Conc: 71.87 ug/ml m



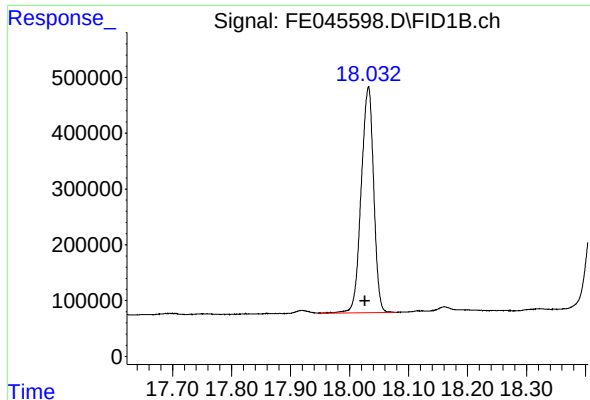
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: 0.004 min
Response: 6189097
Conc: 35.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: 0.003 min
Response: 6041092
Conc: 34.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: 0.006 min
Response: 5955247
Conc: 34.04 ug/ml

Instrument :

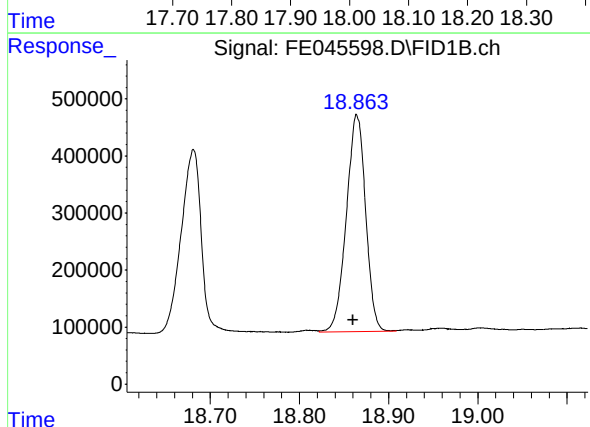
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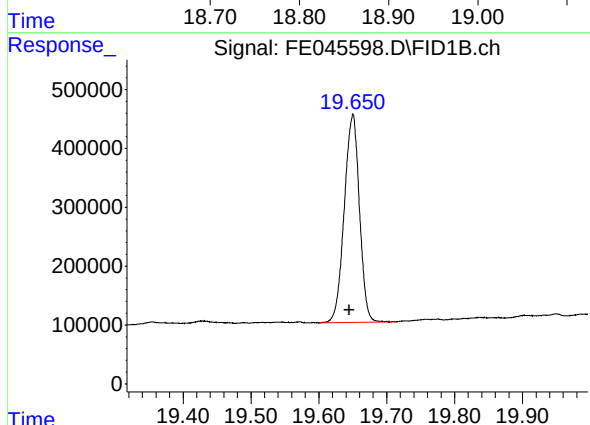
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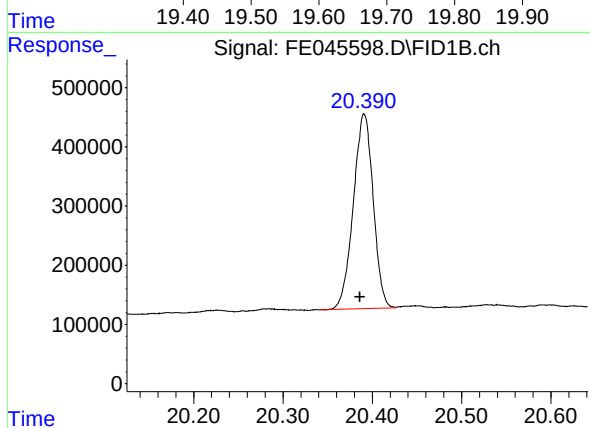
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.004 min
Response: 5709555
Conc: 31.30 ug/ml



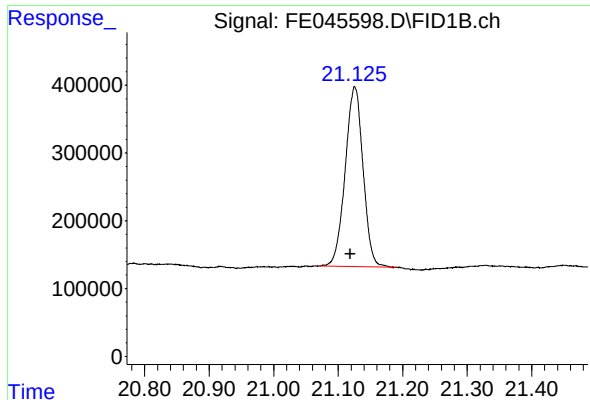
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: 0.006 min
Response: 5495509
Conc: 33.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: 0.005 min
Response: 5071812
Conc: 31.95 ug/ml



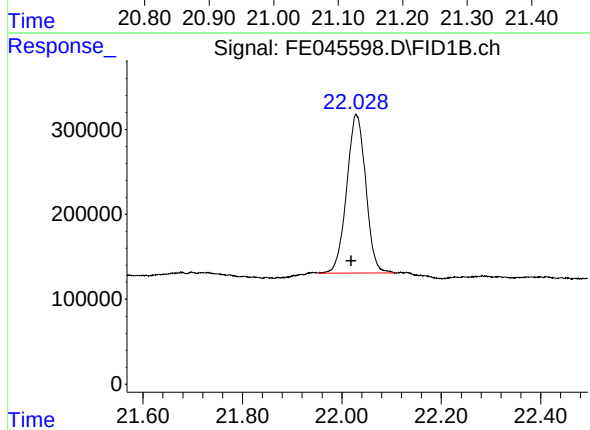
#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: 0.007 min
Response: 5090268
Conc: 32.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: 0.009 min
Response: 4977210
Conc: 35.02 ug/ml m