

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091824AL\
 Data File : FE050183.D
 Signal(s) : FID1B.ch
 Acq On : 18 Sep 2024 20:42
 Operator : YP\AJ
 Sample : PB163506BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163506BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e

Quant Time: Sep 19 01:29:19 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

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			
12) S 1-chlorooctadecane (S...	13.309	3812936	33.945 ug/ml
Spiked Amount 50.000		Recovery =	67.89%
Target Compounds			
1) T n-Nonane (C9)	3.261	3330634	24.572 ug/mlm
2) T n-Decane (C10)	4.513	4134680	29.959 ug/ml
4) T n-Dodecane (C12)	6.680	4751600	34.361 ug/ml
6) T n-Tetradecane (C14)	8.508	5111215	37.535 ug/ml
7) T n-Hexadecane (C16)	10.114	5435647	39.133 ug/ml
8) T n-Octadecane (C18)	11.556	5920273	42.257 ug/ml
10) T n-Eicosane (C20)	12.864	6267548	46.722 ug/ml
11) T n-Heneicosane (C21)	13.476	6143617	46.756 ug/ml
13) T n-Docosane (C22)	14.062	6102211	46.862 ug/ml
14) T n-Tetracosane (C24)	15.163	6057378	46.385 ug/ml
15) T n-Hexacosane (C26)	16.183	5966075	46.632 ug/ml
16) T n-Octacosane (C28)	17.132	6057077	47.024 ug/ml
17) T n-Tricontane (C30)	18.019	6304851	47.149 ug/ml
18) T n-Dotriacontane (C32)	18.850	6438132	48.314 ug/ml
19) T n-Tetratriacontane (C34)	19.634	6661559	53.913 ug/ml
20) T n-Hexatriacontane (C36)	20.373	6730259	60.660 ug/ml
21) T n-Octatriacontane (C38)	21.100	6754675	61.250 ug/ml
22) T n-Tetracontane (C40)	21.991	6246216	57.402 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Mon Sep 09 17:11:47 2024

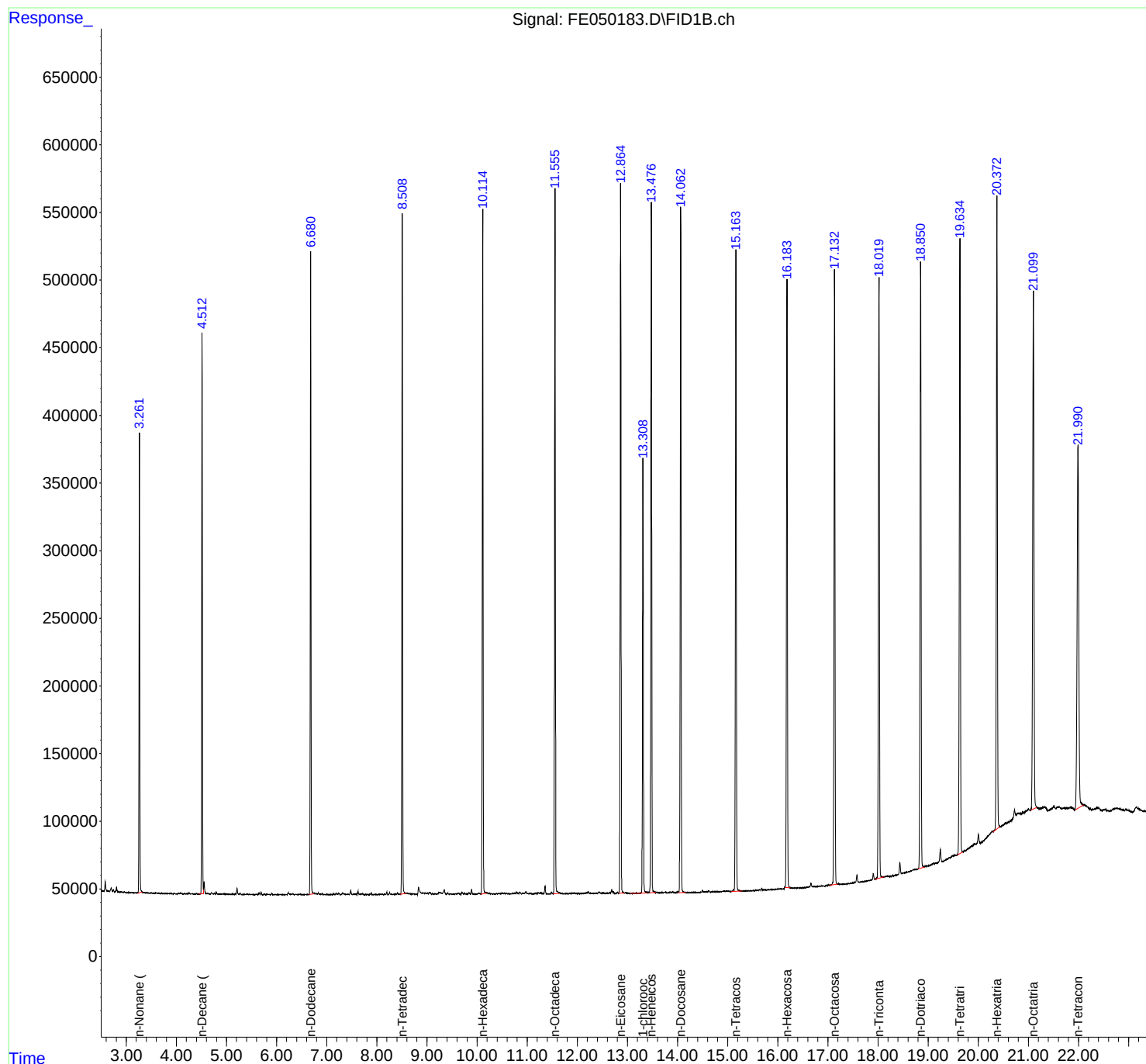
Response via : Initial Calibration

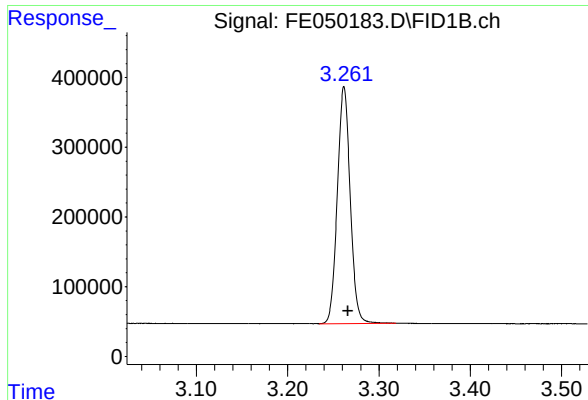
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.005 min
Response: 3330634
Conc: 24.57 ug/ml

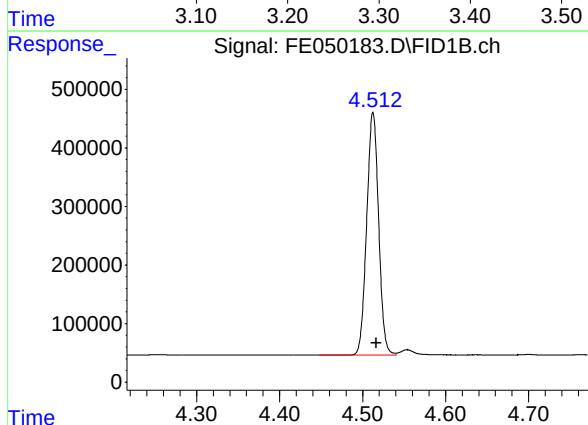
Instrument :

FID_E

ClientSampleId :
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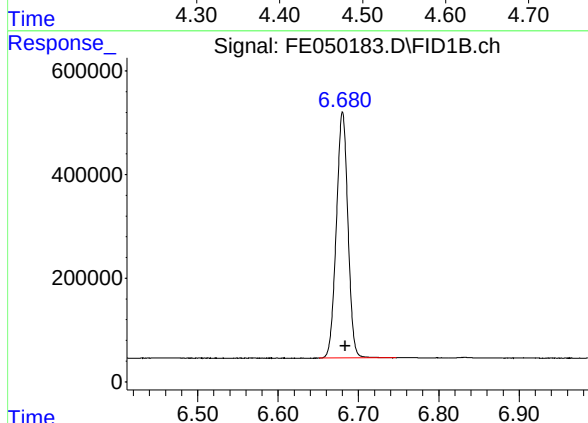
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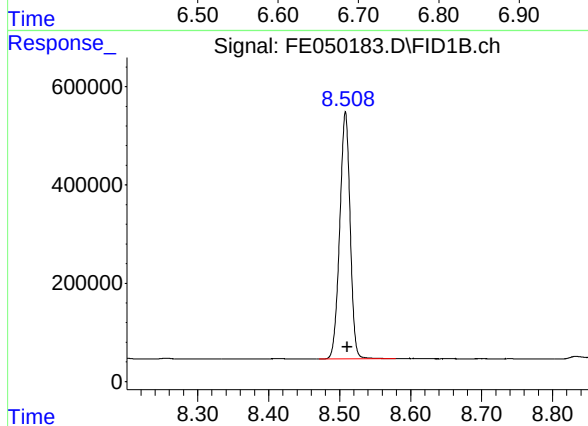
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 4134680
Conc: 29.96 ug/ml



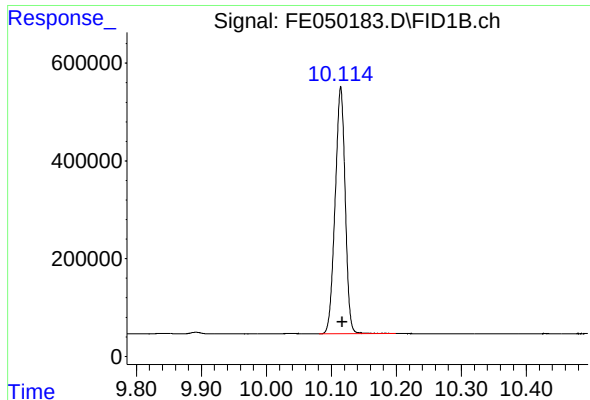
#4 n-Dodecane (C12)

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 4751600
Conc: 34.36 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 5111215
Conc: 37.54 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.003 min
Response: 5435647
Conc: 39.13 ug/ml

Instrument :

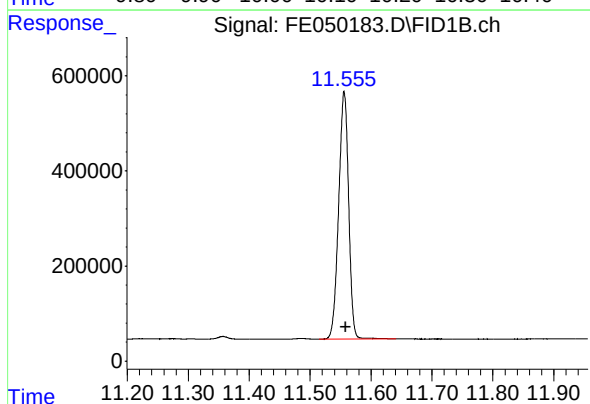
FID_E

ClientSampleId :

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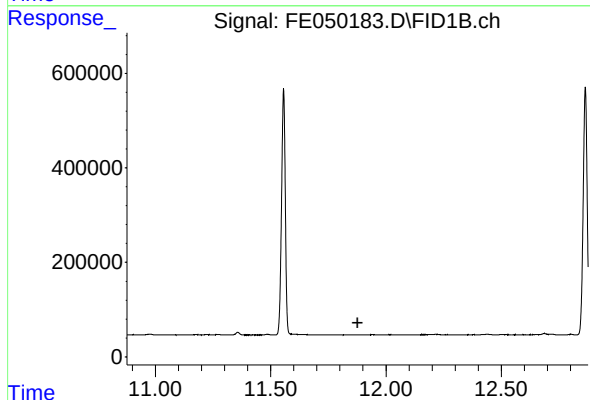
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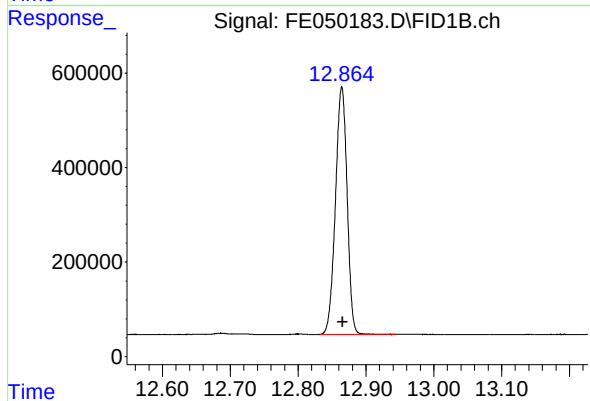
#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.003 min
Response: 5920273
Conc: 42.26 ug/ml



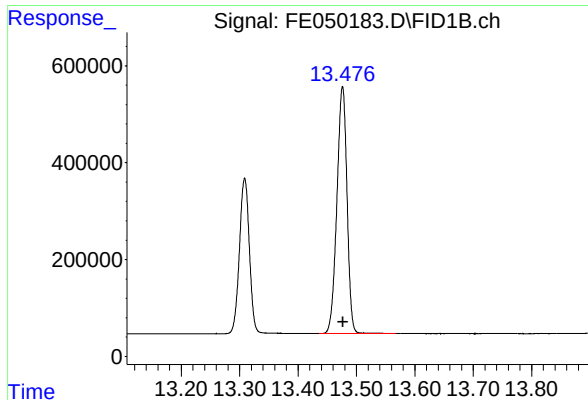
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.876 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.002 min
Response: 6267548
Conc: 46.72 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: -0.001 min
Response: 6143617
Conc: 46.76 ug/ml

Instrument :

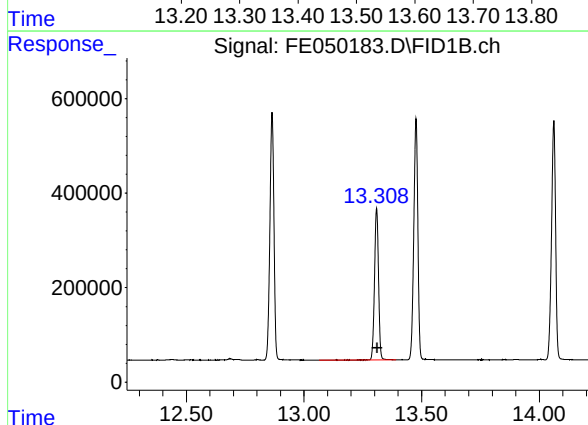
FID_E

ClientSampleId :

PB163506BS

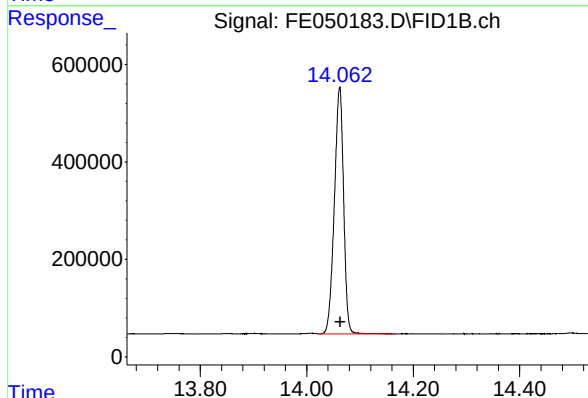
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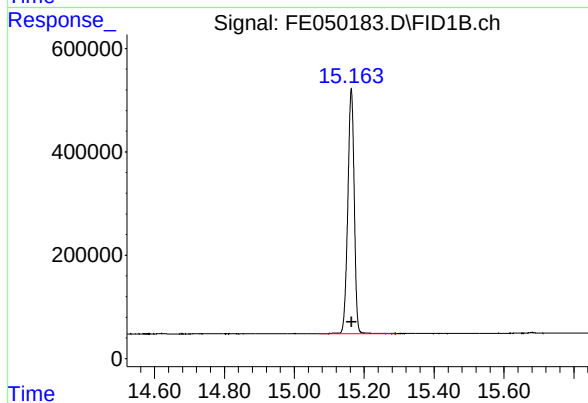
#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.003 min
Response: 3812936
Conc: 33.94 ug/ml



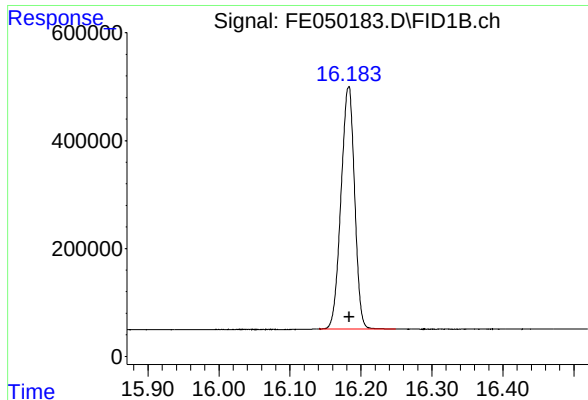
#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: -0.001 min
Response: 6102211
Conc: 46.86 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.001 min
Response: 6057378
Conc: 46.38 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: -0.001 min
Response: 5966075
Conc: 46.63 ug/ml

Instrument :

FID_E

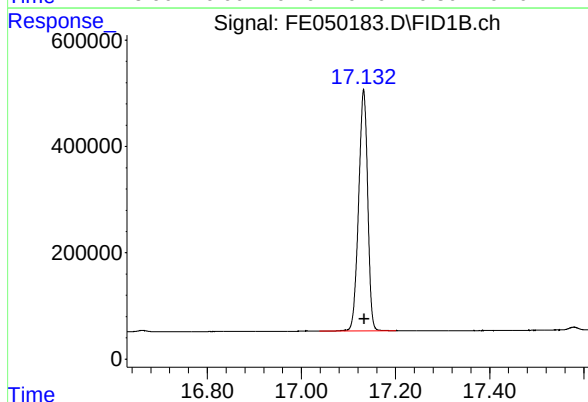
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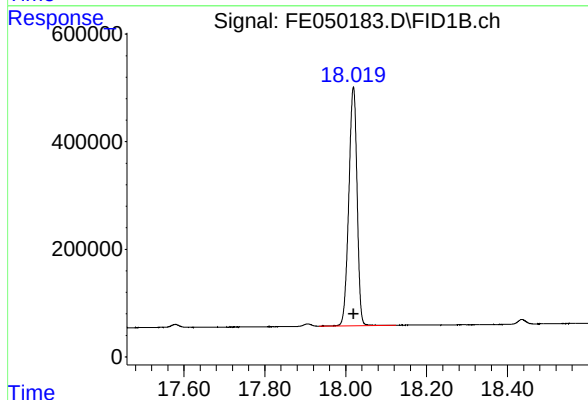
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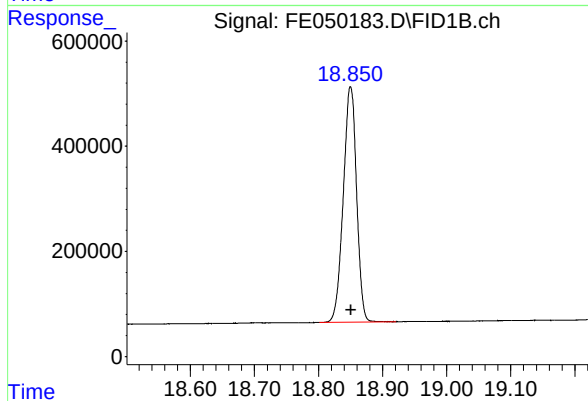
#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: 0.000 min
Response: 6057077
Conc: 47.02 ug/ml



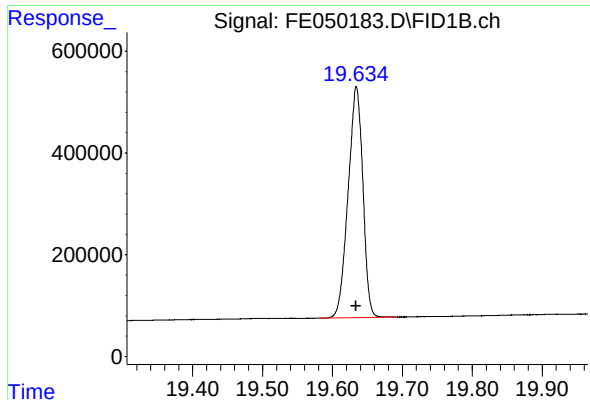
#17 n-Tricontane (C30)

R.T.: 18.019 min
Delta R.T.: 0.000 min
Response: 6304851
Conc: 47.15 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.001 min
Response: 6438132
Conc: 48.31 ug/ml



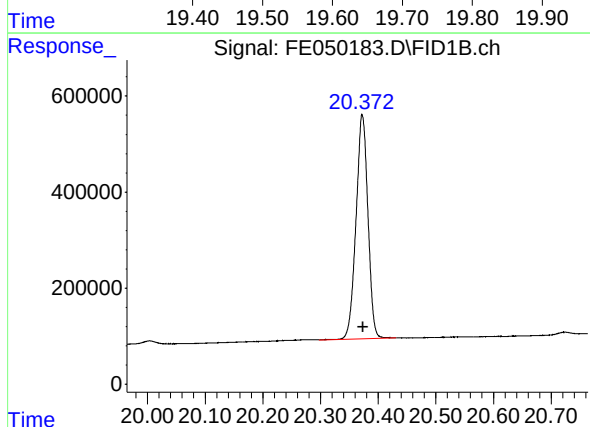
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.000 min
Response: 6661559
Conc: 53.91 ug/ml

Instrument :
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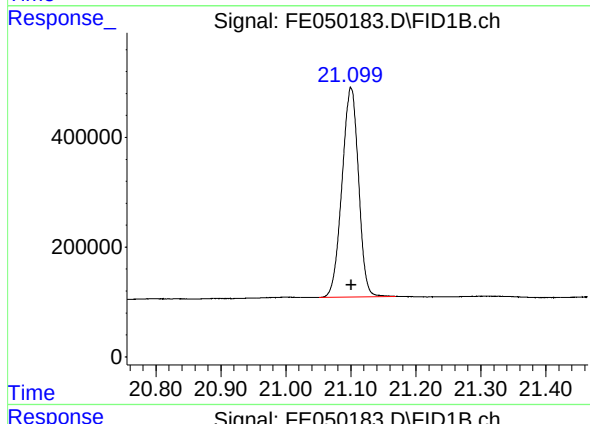
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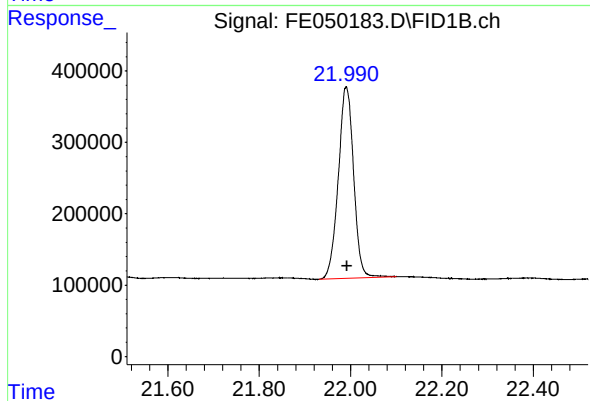
#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: -0.001 min
Response: 6730259
Conc: 60.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: 0.000 min
Response: 6754675
Conc: 61.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: -0.002 min
Response: 6246216
Conc: 57.40 ug/ml