

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120424AL\
 Data File : FE051527.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2024 13:40
 Operator : YP\AJ
 Sample : PB165355BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165355BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/05/2024

Supervised By :Ankita Jodhani 12/05/2024

Integration File: autoint1.e

Quant Time: Dec 05 00:09:50 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M

Quant Title : GC Extractables

QLast Update : Mon Dec 02 14:18:35 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			
9) S ortho-Terphenyl (SURR)	11.829	5672193	37.535 ug/ml
Spiked Amount 50.000		Recovery =	75.07%
12) S 1-chlorooctadecane (S...	13.262	5048595	45.177 ug/ml
Spiked Amount 50.000		Recovery =	90.35%
Target Compounds			
1) T n-Nonane (C9)	3.230	5646334	40.288 ug/ml
2) T n-Decane (C10)	4.473	5822529	41.059 ug/ml
3) T A~Naphthalene (C11.7)	6.183	5929220	44.853 ug/ml
4) T n-Dodecane (C12)	6.636	5996477	42.127 ug/ml
5) T A~2-methylnaphthalene...	7.278	5413109	45.122 ug/ml
6) T n-Tetradecane (C14)	8.463	6035823	43.299 ug/ml
7) T n-Hexadecane (C16)	10.067	5924088	41.695 ug/ml
8) T n-Octadecane (C18)	11.509	5946677	41.380 ug/ml
10) T n-Eicosane (C20)	12.815	5954057	43.132 ug/mlm
11) T n-Heneicosane (C21)	13.427	5771864	42.582 ug/ml
13) T n-Docosane (C22)	14.012	5675850	42.388 ug/ml
14) T n-Tetracosane (C24)	15.115	10225251	77.385 ug/mlm
15) T n-Hexacosane (C26)	16.133	5512452	42.509 ug/ml
16) T n-Octacosane (C28)	17.080	6511099	51.070 ug/ml
17) T n-Tricontane (C30)	17.969	5508720	42.544 ug/ml
18) T n-Dotriacontane (C32)	18.798	5785712	46.216 ug/mlm
19) T n-Tetratriacontane (C34)	19.580	4632197	41.015 ug/ml
20) T n-Hexatriacontane (C36)	20.319	3616513	37.552 ug/mlm
21) T n-Octatriacontane (C38)	21.038	2826418	31.044 ug/ml
22) T n-Tetracontane (C40)	21.911	2319779	26.471 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB165355BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

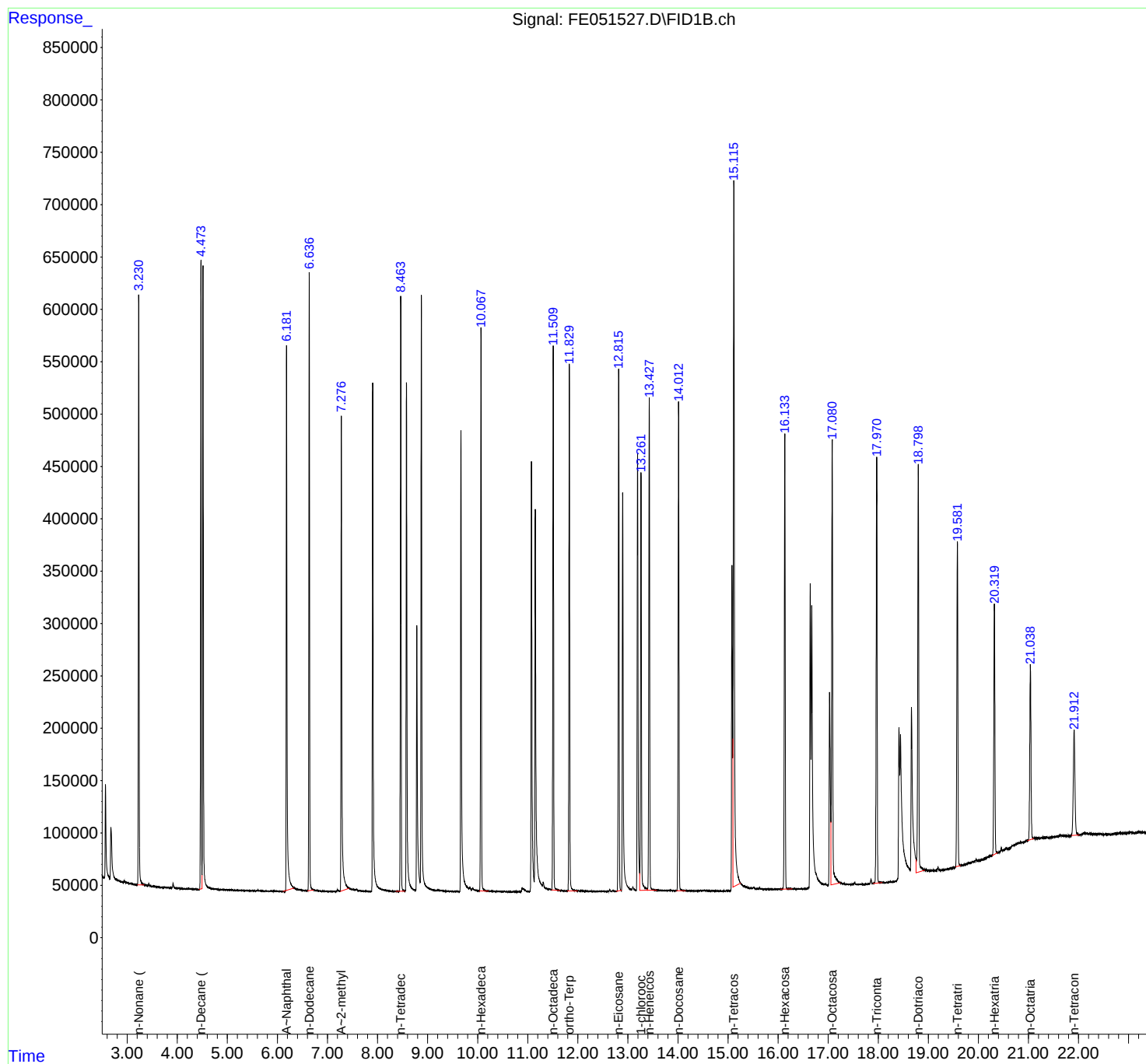
Instrument :
FID_E
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PB165355BS

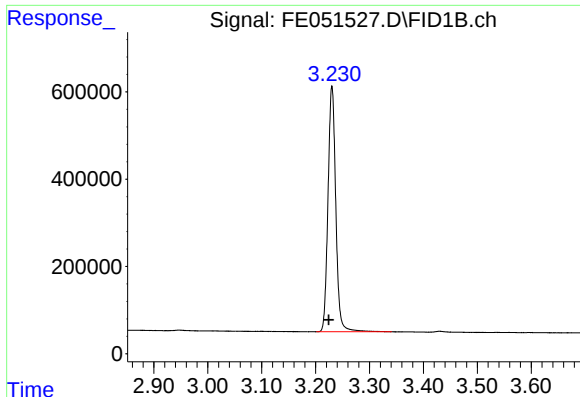
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Quant Title : GC Extractables
QLast Update : Mon Dec 02 14:18:35 2024
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: 0.006 min
Response: 5646334
Conc: 40.29 ug/ml

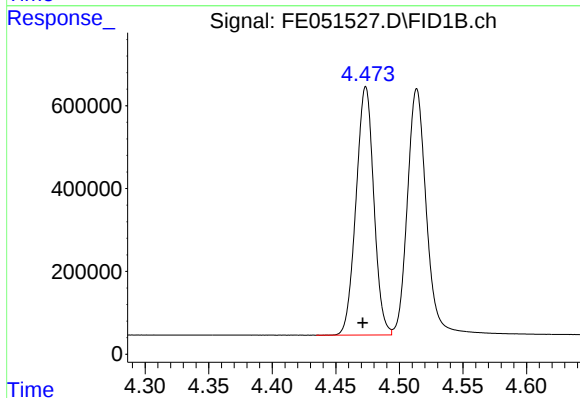
Instrument :

FID_E

ClientSampleId :
PB165355BS

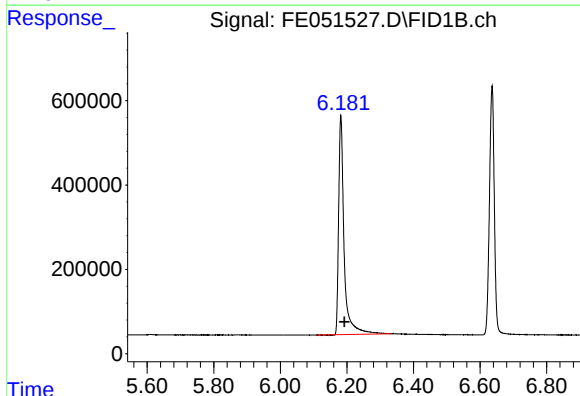
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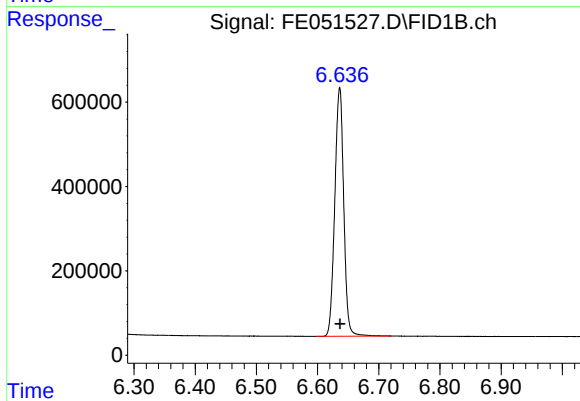
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.002 min
Response: 5822529
Conc: 41.06 ug/ml



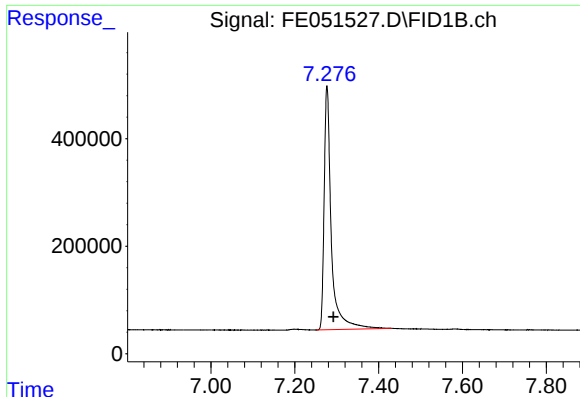
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: -0.010 min
Response: 5929220
Conc: 44.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.636 min
Delta R.T.: -0.001 min
Response: 5996477
Conc: 42.13 ug/ml



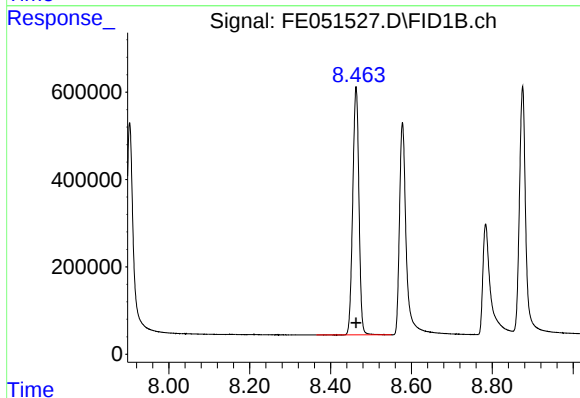
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: -0.015 min
Response: 5413109
Conc: 45.12 ug/ml

Instrument :
FID_E
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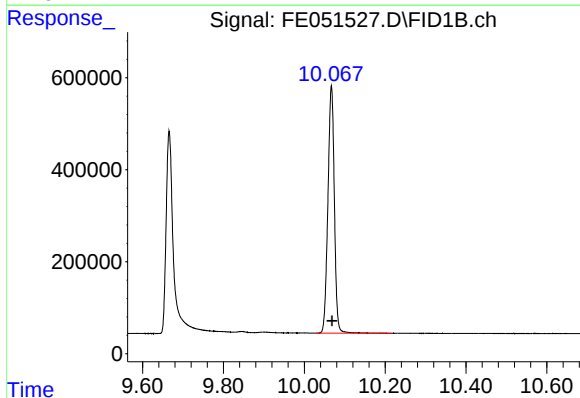
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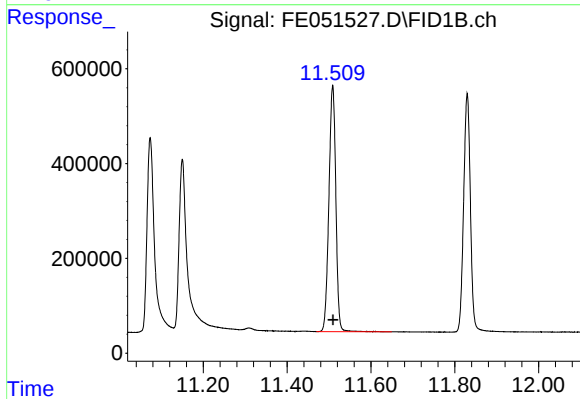
#6 n-Tetradecane (C14)

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 6035823
Conc: 43.30 ug/ml



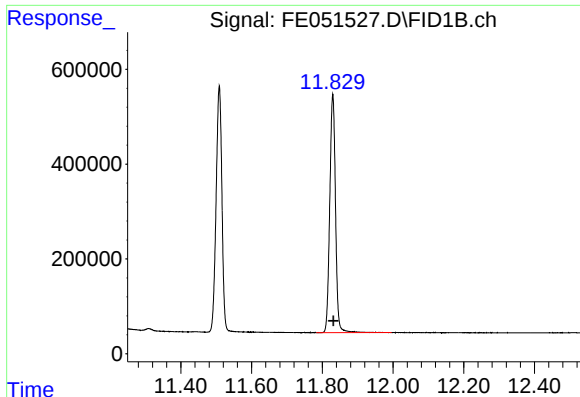
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: -0.002 min
Response: 5924088
Conc: 41.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 5946677
Conc: 41.38 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.829 min
Delta R.T.: -0.002 min
Response: 5672193
Conc: 37.54 ug/ml

Instrument :

FID_E

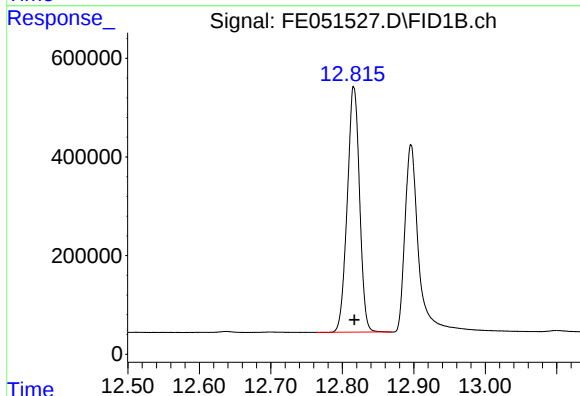
ClientSampleId :

PB165355BS

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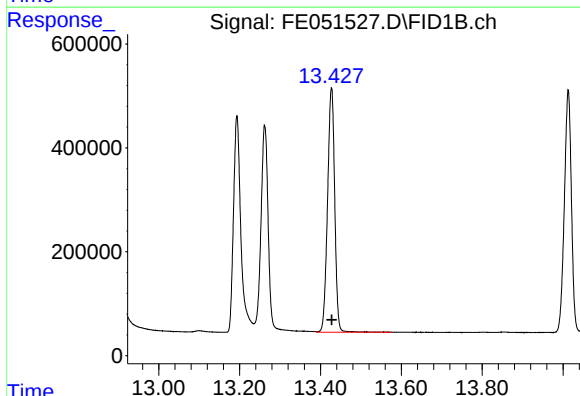
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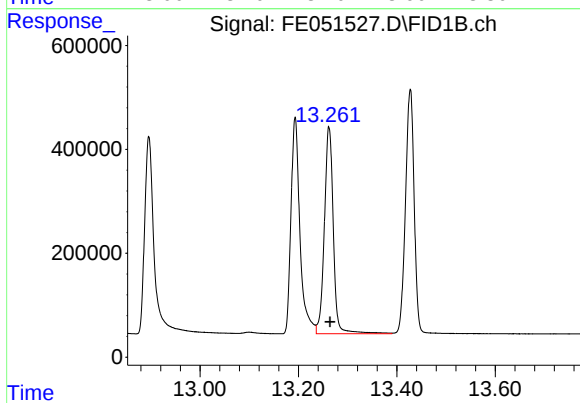
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 5954057
Conc: 43.13 ug/ml m



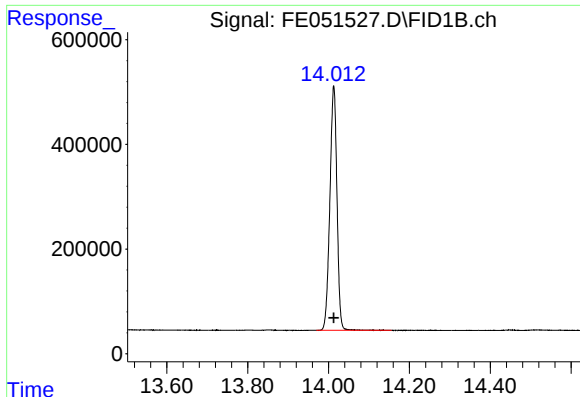
#11 n-Heneicosane (C21)

R.T.: 13.427 min
Delta R.T.: 0.000 min
Response: 5771864
Conc: 42.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.262 min
Delta R.T.: -0.002 min
Response: 5048595
Conc: 45.18 ug/ml



#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: 0.000 min
Response: 5675850
Conc: 42.39 ug/ml

Instrument :

FID_E

ClientSampleId :

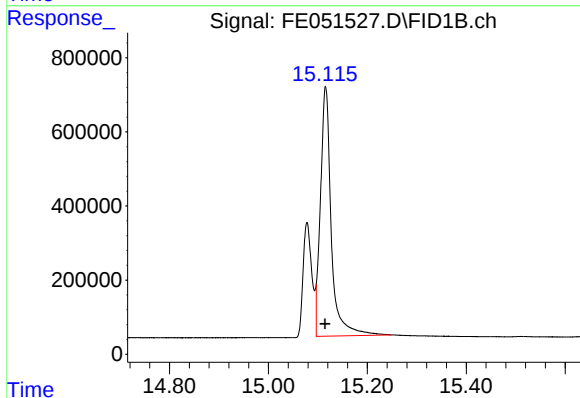
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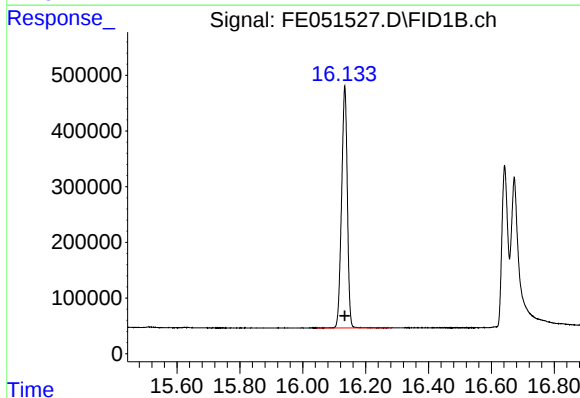
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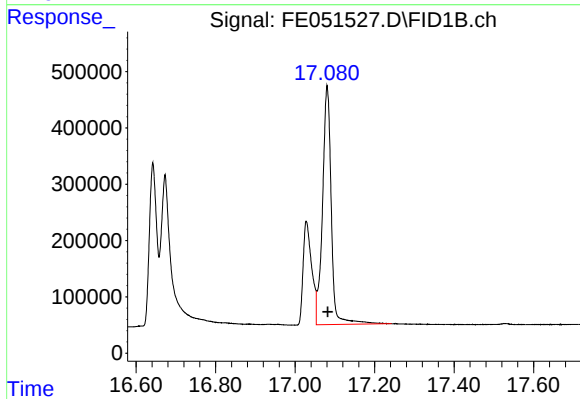
#14 n-Tetracosane (C24)

R.T.: 15.115 min
Delta R.T.: 0.000 min
Response: 10225251
Conc: 77.39 ug/ml m



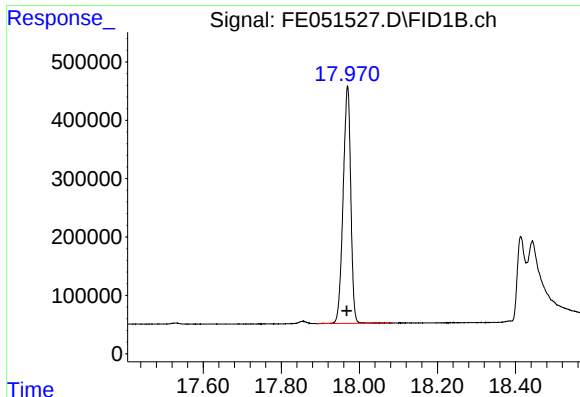
#15 n-Hexacosane (C26)

R.T.: 16.133 min
Delta R.T.: 0.000 min
Response: 5512452
Conc: 42.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.080 min
Delta R.T.: -0.002 min
Response: 6511099
Conc: 51.07 ug/ml



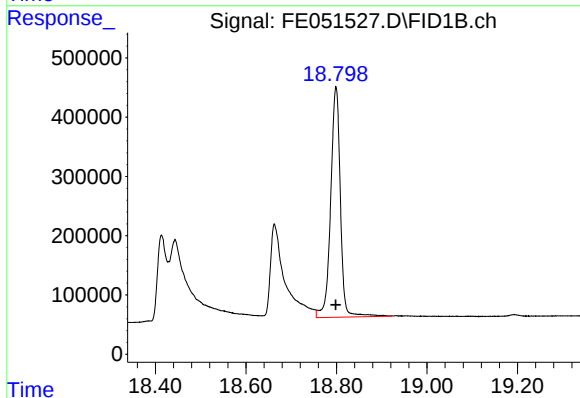
#17 n-Tricontane (C30)

R.T.: 17.969 min
Delta R.T.: 0.001 min
Response: 5508720
Conc: 42.54 ug/ml

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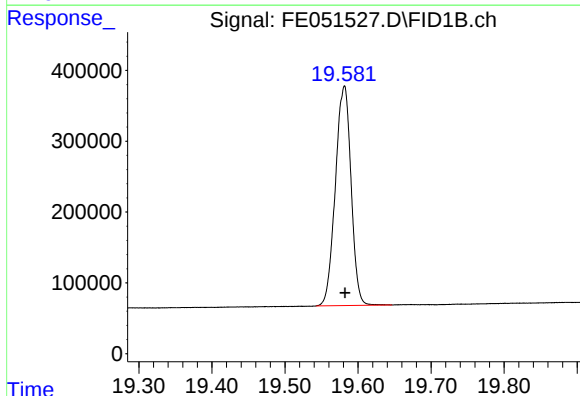
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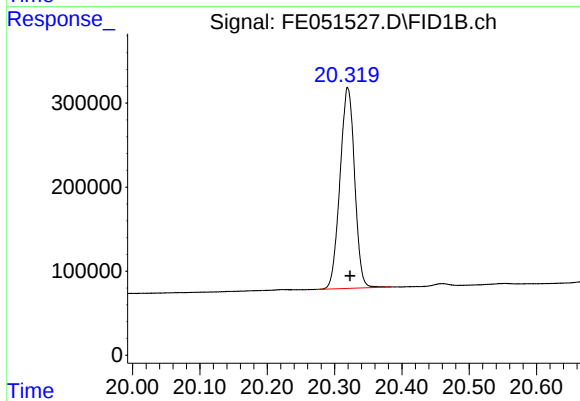
#18 n-Dotriacontane (C32)

R.T.: 18.798 min
Delta R.T.: 0.000 min
Response: 5785712
Conc: 46.22 ug/ml m



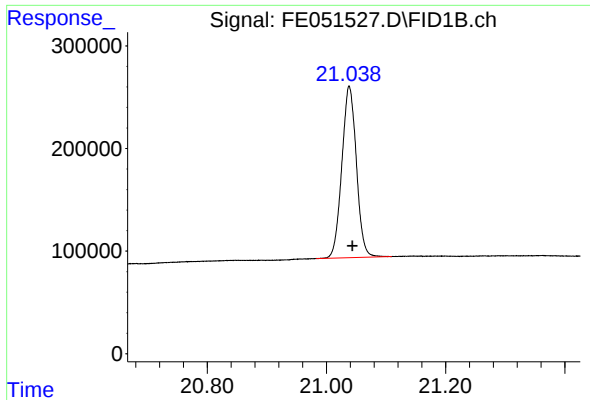
#19 n-Tetratriacontane (C34)

R.T.: 19.580 min
Delta R.T.: -0.002 min
Response: 4632197
Conc: 41.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.319 min
Delta R.T.: -0.004 min
Response: 3616513
Conc: 37.55 ug/ml m



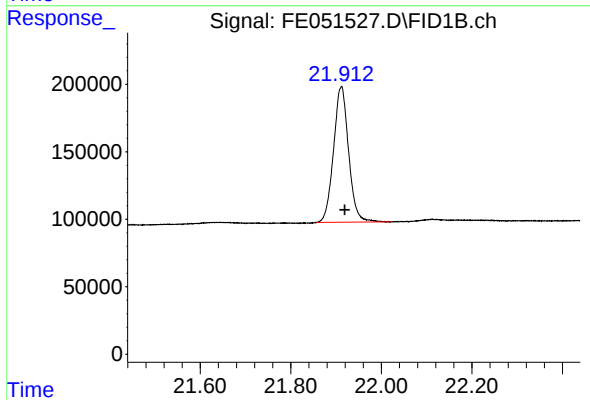
#21 n-Octatriacontane (C38)

R.T.: 21.038 min
Delta R.T.: -0.005 min
Response: 2826418
Conc: 31.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.008 min
Response: 2319779
Conc: 26.47 ug/ml