

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FE045854.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 11:00
 Operator : YP\AJ
 Sample : PB157783BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB157783BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2023

Supervised By :Ankita Jodhani 12/18/2023

Integration File: autoint1.e

Quant Time: Dec 15 22:34:54 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			
12) S 1-chlorooctadecane (S...	13.285	7333021	46.605 ug/ml
Spiked Amount 50.000		Recovery =	93.21%
Target Compounds			
1) T n-Nonane (C9)	3.230	4575386	28.853 ug/ml
2) T n-Decane (C10)	4.481	5689254	35.528 ug/mlm
4) T n-Dodecane (C12)	6.649	6795693	42.071 ug/ml
6) T n-Tetradecane (C14)	8.476	7387590	46.051 ug/ml
7) T n-Hexadecane (C16)	10.086	7832896	47.302 ug/ml
8) T n-Octadecane (C18)	11.529	8313162	48.488 ug/ml
10) T n-Eicosane (C20)	12.842	8575727	49.565 ug/ml
11) T n-Heneicosane (C21)	13.453	8195842	47.642 ug/ml
13) T n-Docosane (C22)	14.041	8162648	47.341 ug/ml
14) T n-Tetracosane (C24)	15.145	7982118	45.722 ug/ml
15) T n-Hexacosane (C26)	16.167	7870440	45.192 ug/ml
16) T n-Octacosane (C28)	17.119	7742627	44.798 ug/ml
17) T n-Tricontane (C30)	18.009	7772081	44.425 ug/ml
18) T n-Dotriacontane (C32)	18.844	7733922	42.393 ug/ml
19) T n-Tetratriacontane (C34)	19.630	7666095	46.201 ug/ml
20) T n-Hexatriacontane (C36)	20.370	7593061	47.834 ug/ml
21) T n-Octatriacontane (C38)	21.103	7531213	48.025 ug/ml
22) T n-Tetracontane (C40)	22.002	7897554	55.572 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB157783BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

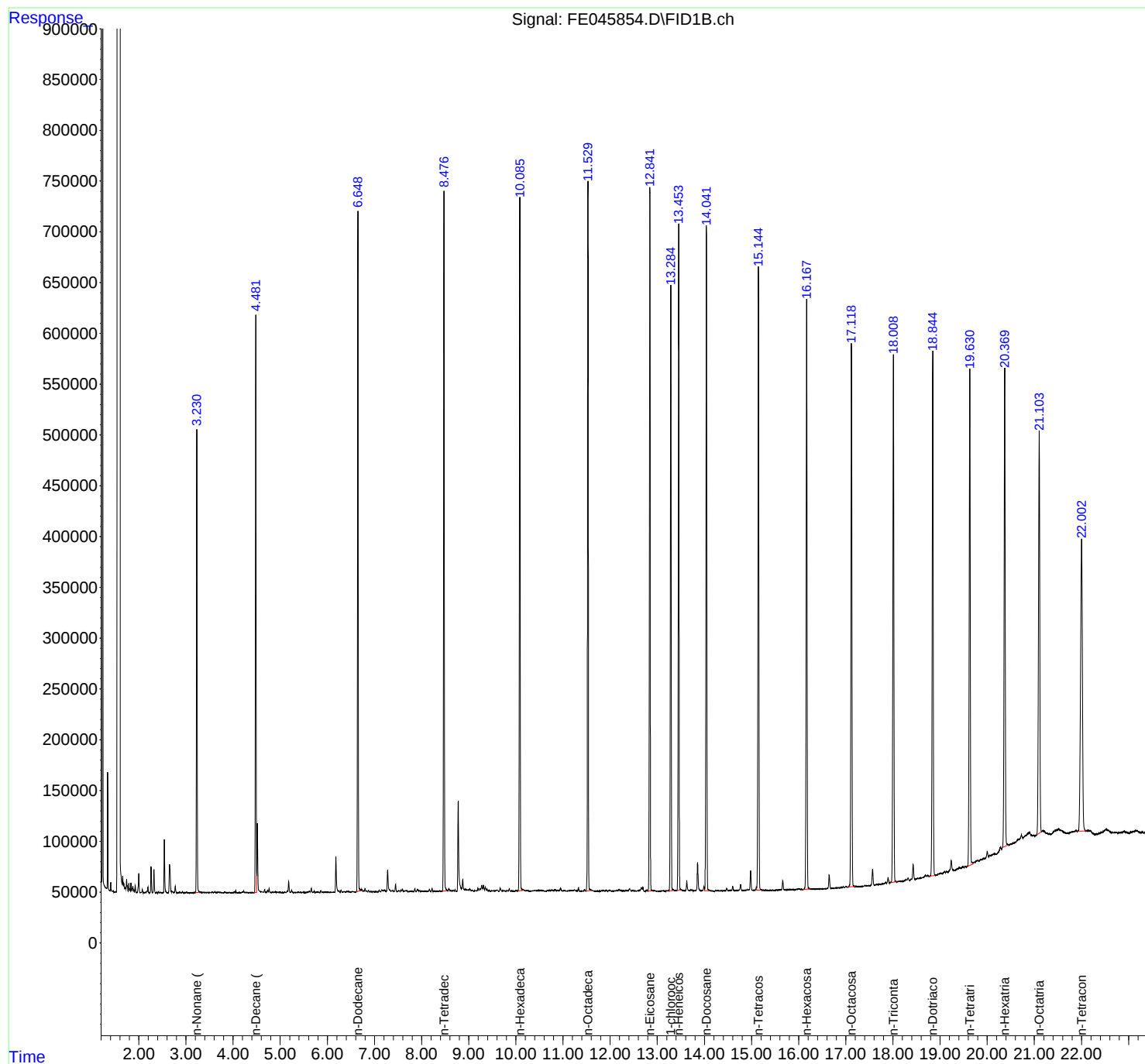
Instrument :
FID_E
ClientSampleId :
PB157783BSD

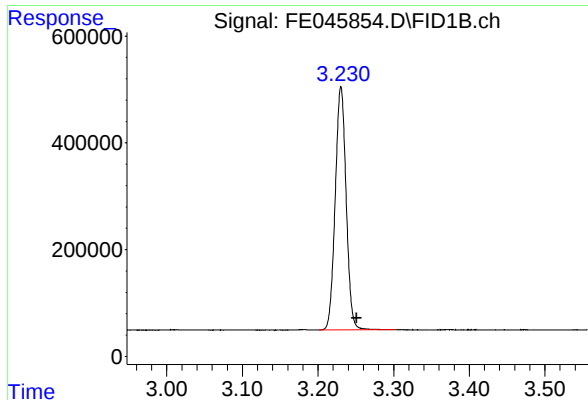
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Quant Title : GC Extractables
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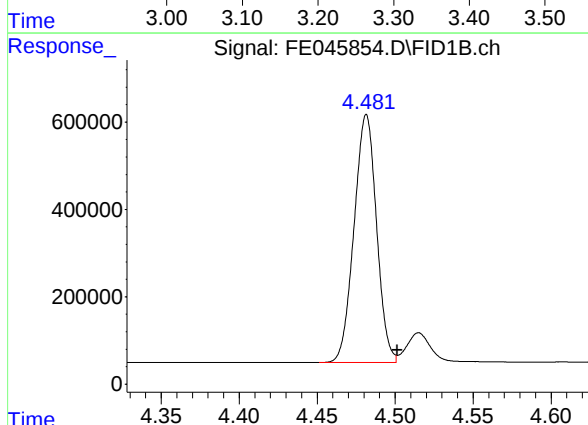
#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: -0.021 min
Response: 4575386
Conc: 28.85 ug/ml

Instrument :
FID_E
ClientSampleId :
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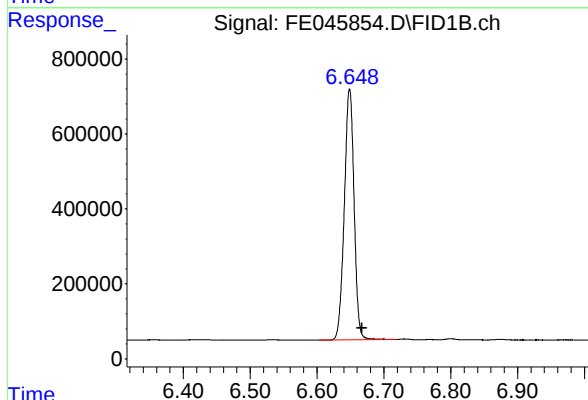
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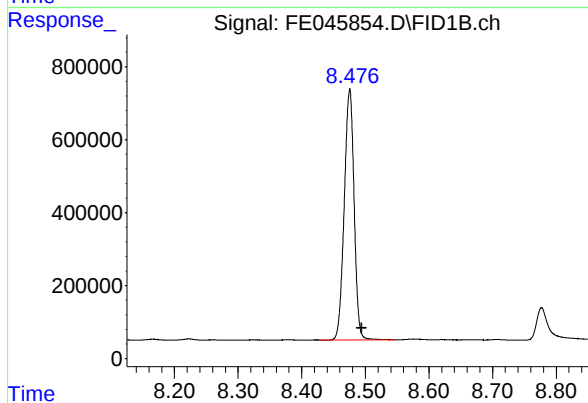
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.020 min
Response: 5689254
Conc: 35.53 ug/ml



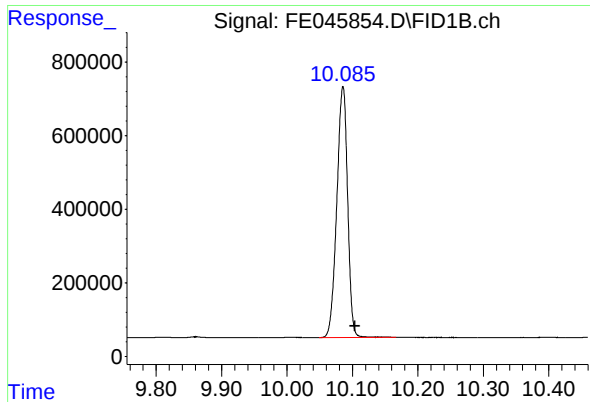
#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.018 min
Response: 6795693
Conc: 42.07 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.019 min
Response: 7387590
Conc: 46.05 ug/ml



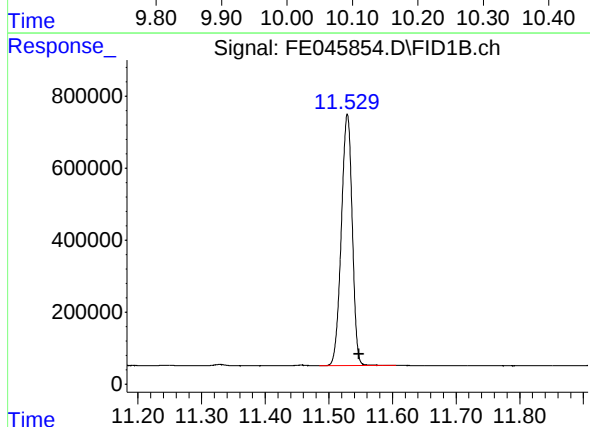
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.018 min
Response: 7832896
Conc: 47.30 ug/ml

Instrument :
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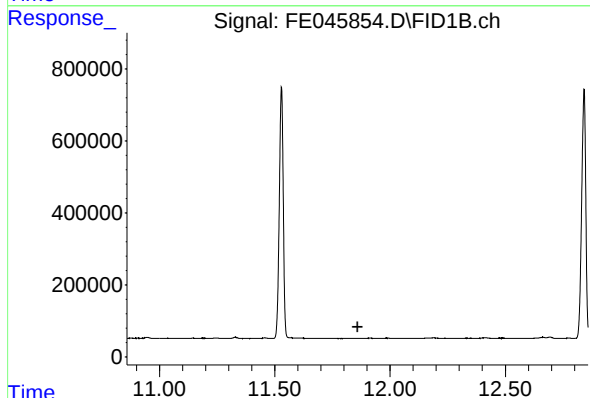
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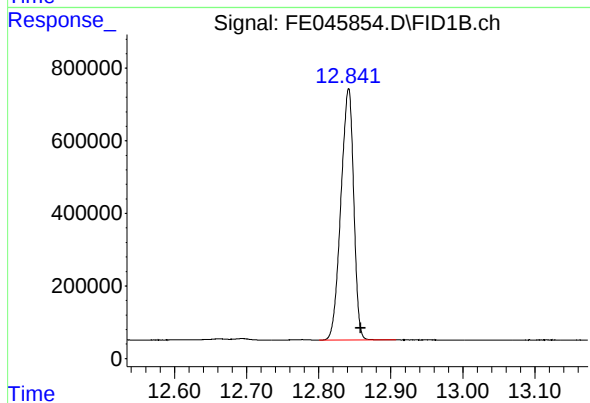
#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.018 min
Response: 8313162
Conc: 48.49 ug/ml



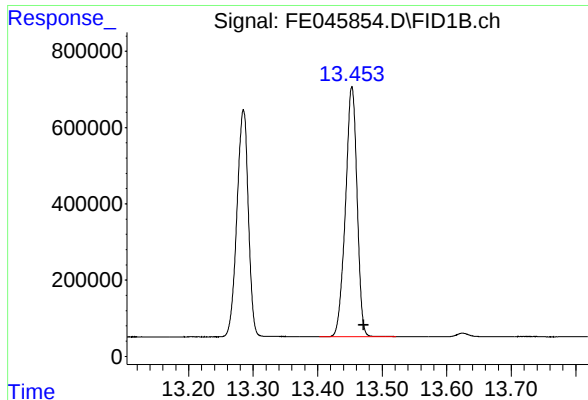
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.859 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.017 min
Response: 8575727
Conc: 49.56 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.018 min
Response: 8195842
Conc: 47.64 ug/ml

Instrument :

FID_E

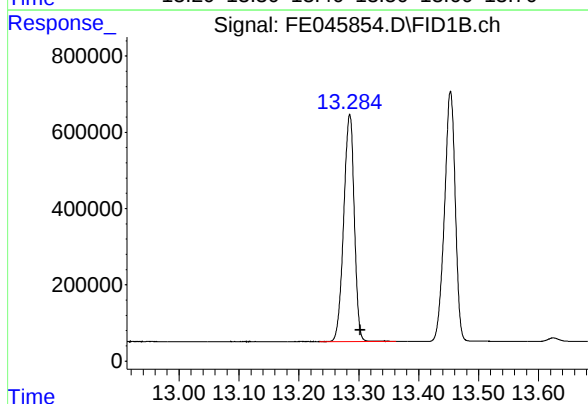
ClientSampleId :

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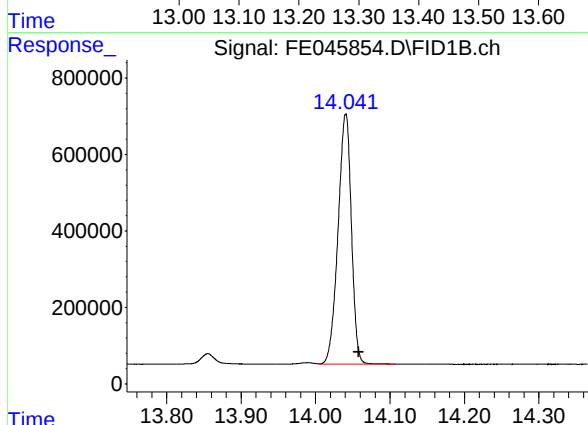
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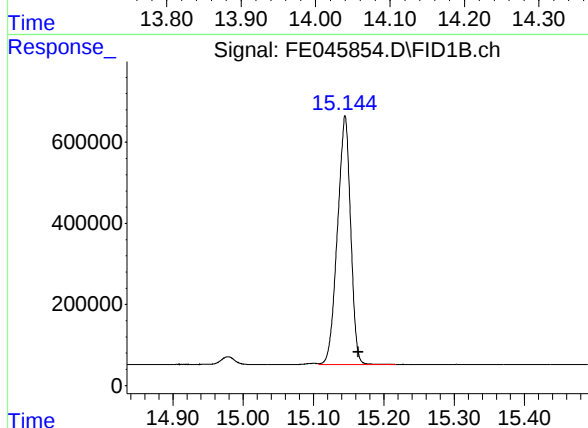
#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.018 min
Response: 7333021
Conc: 46.60 ug/ml



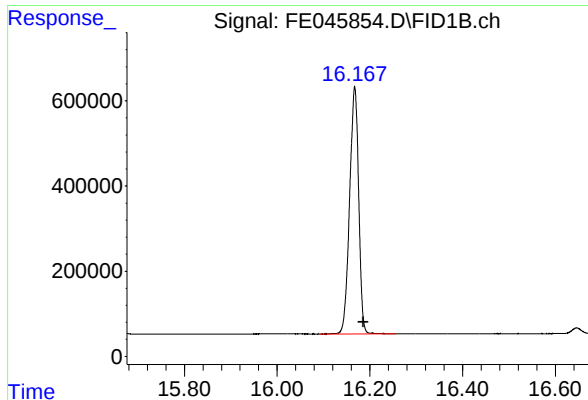
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.018 min
Response: 8162648
Conc: 47.34 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.019 min
Response: 7982118
Conc: 45.72 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.019 min
Response: 7870440
Conc: 45.19 ug/ml

Instrument :

FID_E

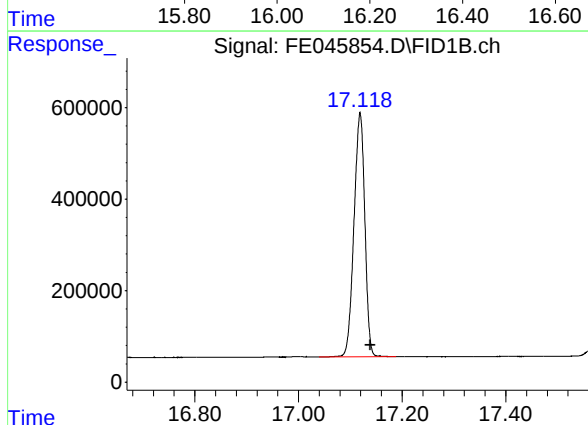
ClientSampleId :

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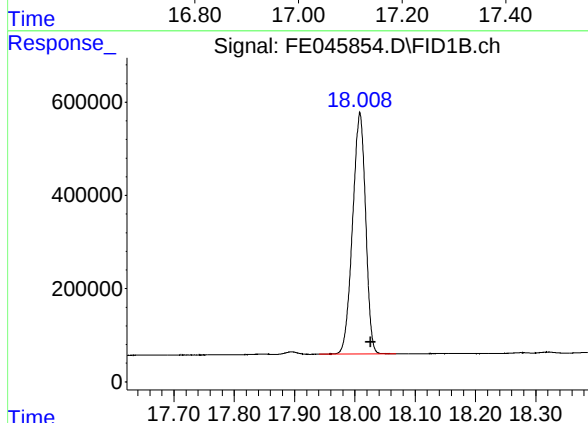
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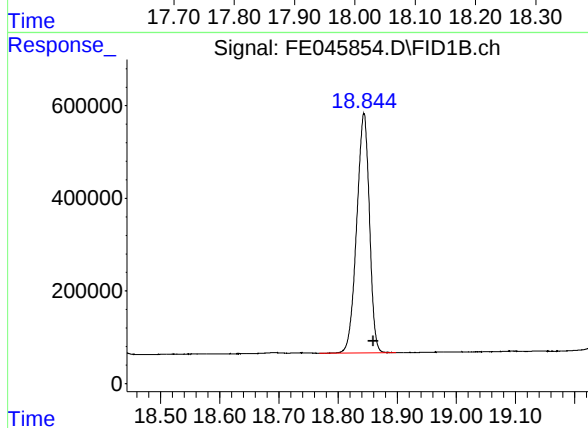
#16 n-Octacosane (C28)

R.T.: 17.119 min
Delta R.T.: -0.019 min
Response: 7742627
Conc: 44.80 ug/ml



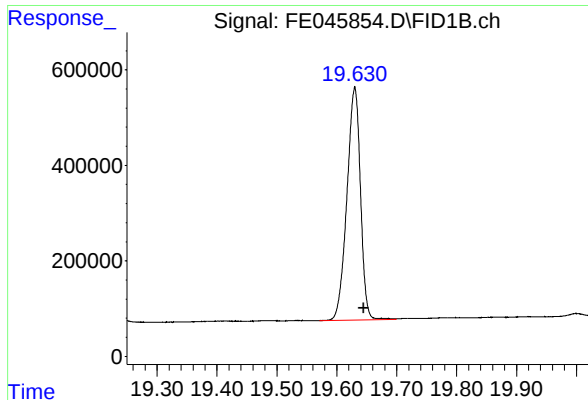
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.018 min
Response: 7772081
Conc: 44.43 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.016 min
Response: 7733922
Conc: 42.39 ug/ml



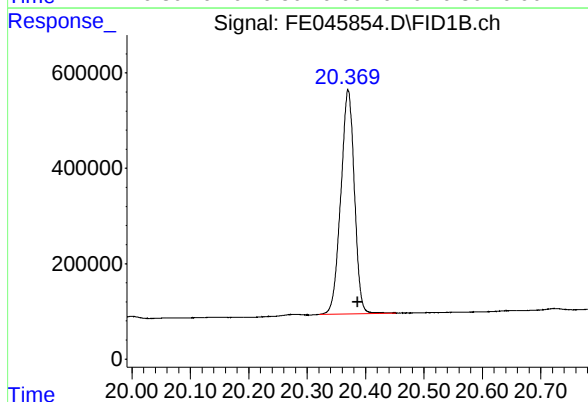
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.015 min
Response: 7666095
Conc: 46.20 ug/ml

Instrument :
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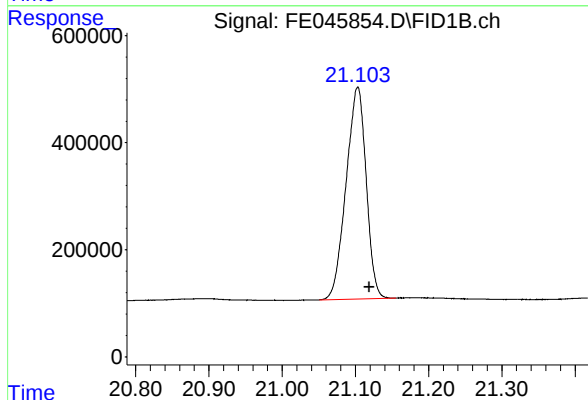
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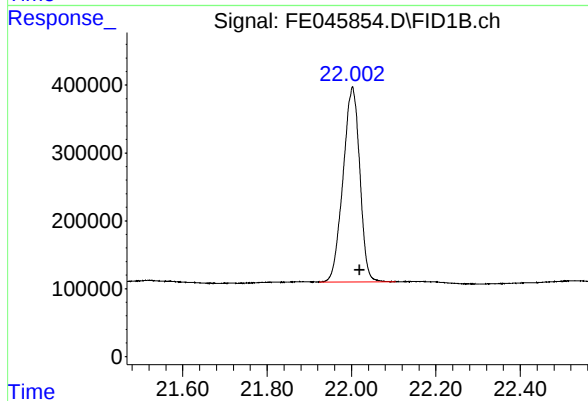
#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.016 min
Response: 7593061
Conc: 47.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.016 min
Response: 7531213
Conc: 48.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: -0.017 min
Response: 7897554
Conc: 55.57 ug/ml m