

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120623AL\
 Data File : FE045674.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2023 10:59
 Operator : YP\AJ
 Sample : PB157580BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB157580BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :Ankita Jodhani 12/07/2023

Integration File: autoint1.e
 Quant Time: Dec 07 00:10:59 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...	13.305	4805878	30.543 ug/ml
Spiked Amount 50.000		Recovery =	61.09%
Target Compounds			
1) T n-Nonane (C9)	3.248	5345825	33.711 ug/ml
2) T n-Decane (C10)	4.500	6622330	41.355 ug/ml
4) T n-Dodecane (C12)	6.667	7551414	46.750 ug/ml
6) T n-Tetradecane (C14)	8.495	8072800	50.322 ug/ml
7) T n-Hexadecane (C16)	10.105	8963211	54.128 ug/ml
8) T n-Octadecane (C18)	11.551	10043352	58.579 ug/ml
10) T n-Eicosane (C20)	12.863	10607539	61.308 ug/ml
11) T n-Heneicosane (C21)	13.477	10251336	59.590 ug/ml
13) T n-Docosane (C22)	14.064	10156841	58.907 ug/ml
14) T n-Tetracosane (C24)	15.168	9874374	56.561 ug/ml
15) T n-Hexacosane (C26)	16.193	9541161	54.786 ug/ml
16) T n-Octacosane (C28)	17.145	9311670	53.877 ug/ml
17) T n-Tricontane (C30)	18.035	9212612	52.659 ug/ml
18) T n-Dotriacontane (C32)	18.870	9034316	49.521 ug/ml
19) T n-Tetratriacontane (C34)	19.657	8937448	53.862 ug/ml
20) T n-Hexatriacontane (C36)	20.399	8659071	54.550 ug/ml
21) T n-Octatriacontane (C38)	21.135	8879727	56.624 ug/ml
22) T n-Tetracontane (C40)	22.044	9059297	63.746 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1B.ch
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Operator : YP\AJ
Sample : PB157580BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

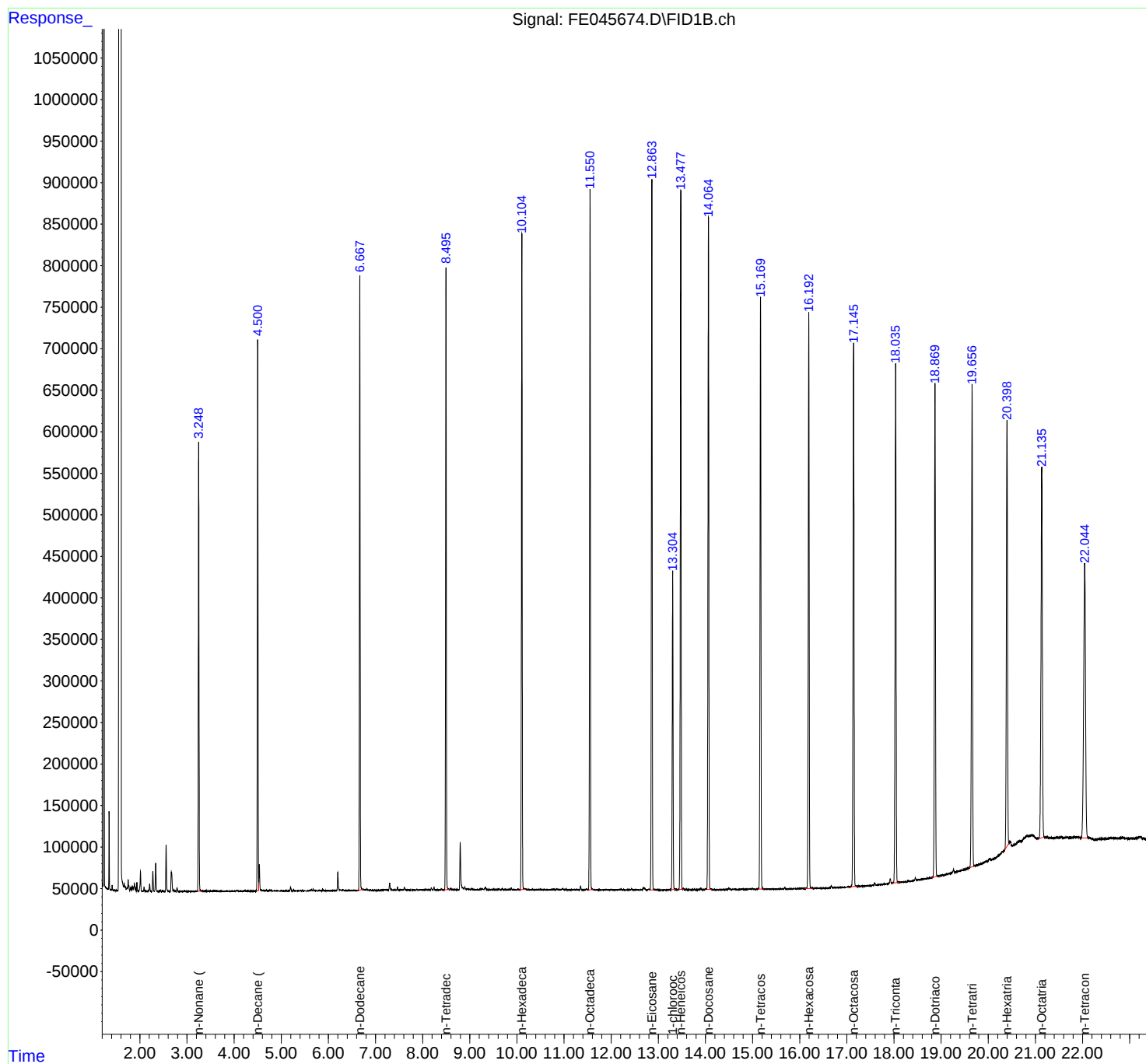
Instrument :
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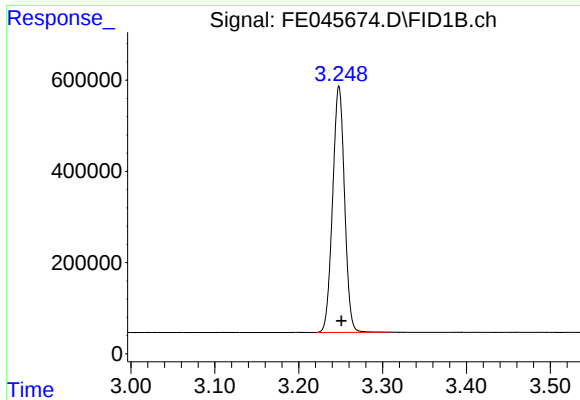
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: -0.003 min
Response: 5345825
Conc: 33.71 ug/ml

Instrument :

FID_E

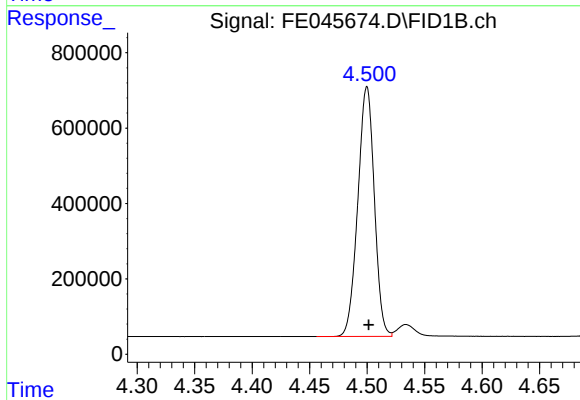
ClientSampleId :

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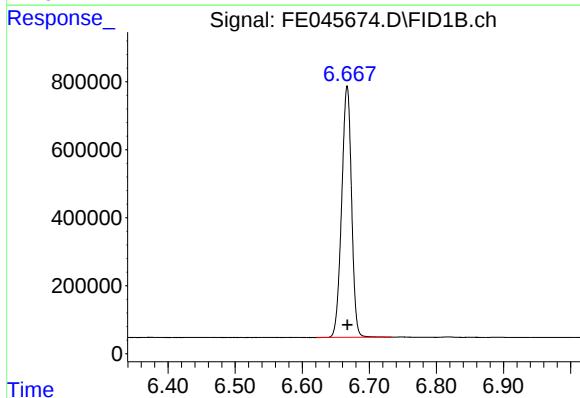
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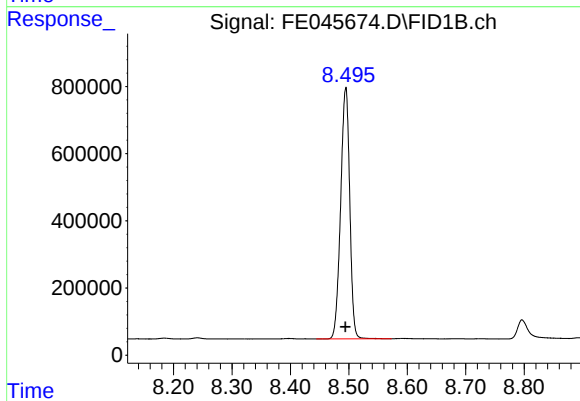
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.002 min
Response: 6622330
Conc: 41.35 ug/ml



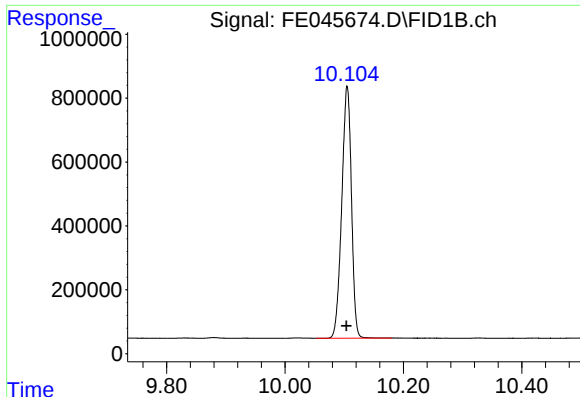
#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 7551414
Conc: 46.75 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 8072800
Conc: 50.32 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.105 min
Delta R.T.: 0.001 min
Response: 8963211
Conc: 54.13 ug/ml

Instrument :

FID_E

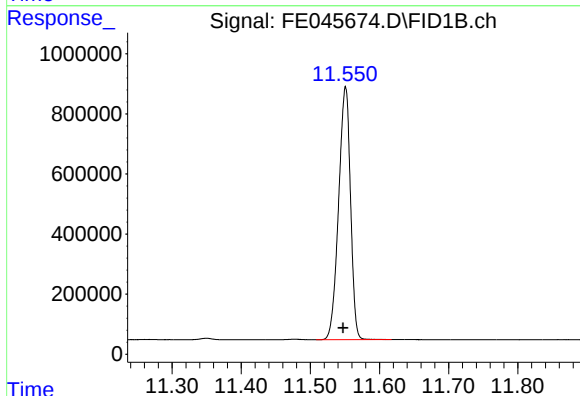
ClientSampleId :

PB157580BSD

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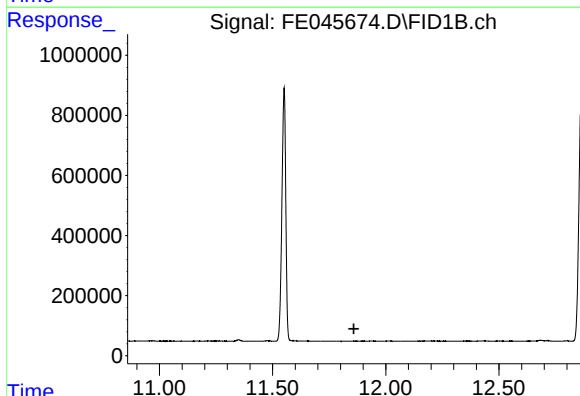
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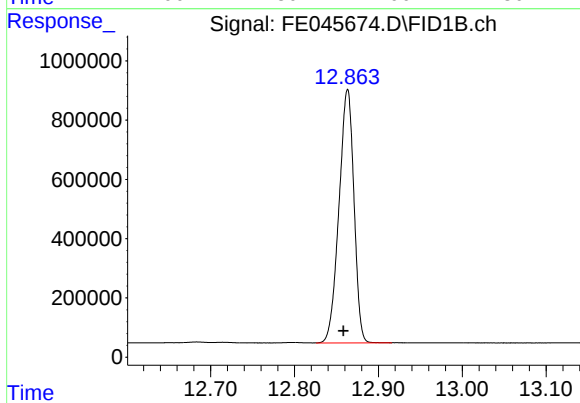
#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: 0.004 min
Response: 10043352
Conc: 58.58 ug/ml



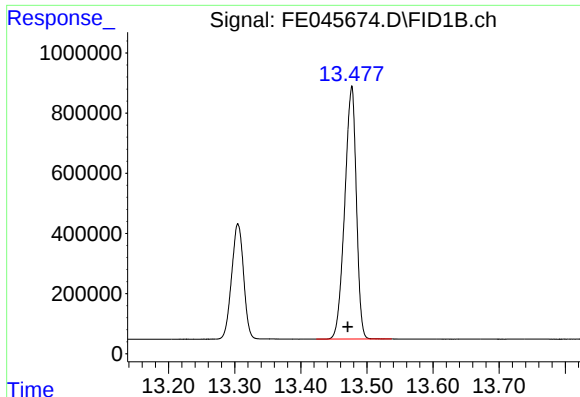
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: 0.005 min
Response: 10607539
Conc: 61.31 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: 0.006 min
Response: 10251336
Conc: 59.59 ug/ml

Instrument :

FID_E

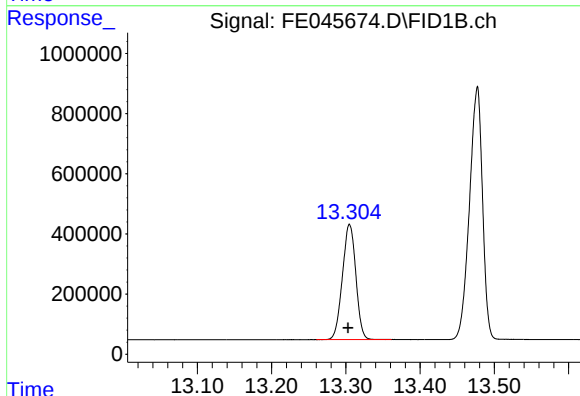
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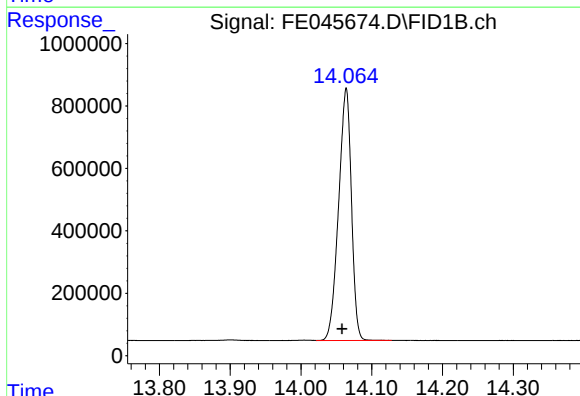
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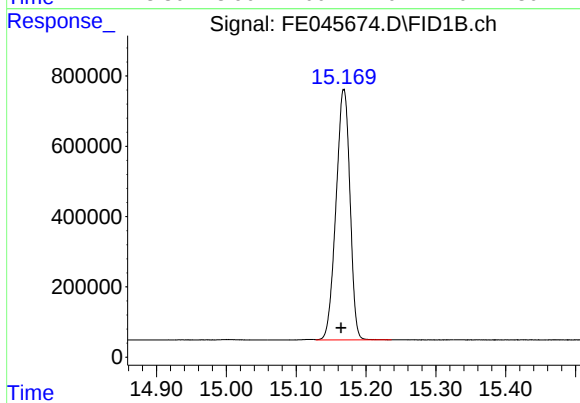
#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: 0.002 min
Response: 4805878
Conc: 30.54 ug/ml



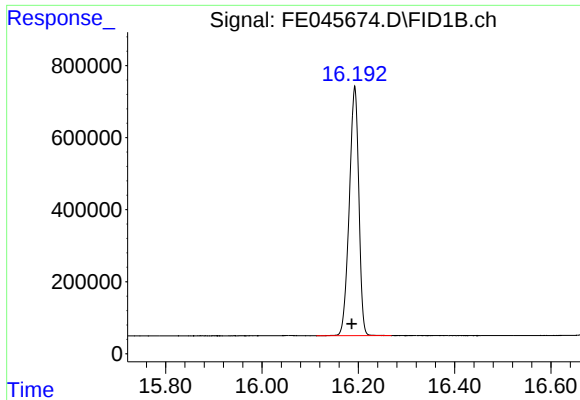
#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: 0.006 min
Response: 10156841
Conc: 58.91 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: 0.004 min
Response: 9874374
Conc: 56.56 ug/ml



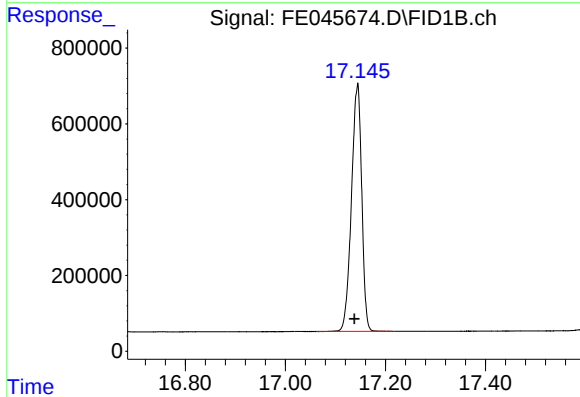
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: 0.007 min
Response: 9541161
Conc: 54.79 ug/ml

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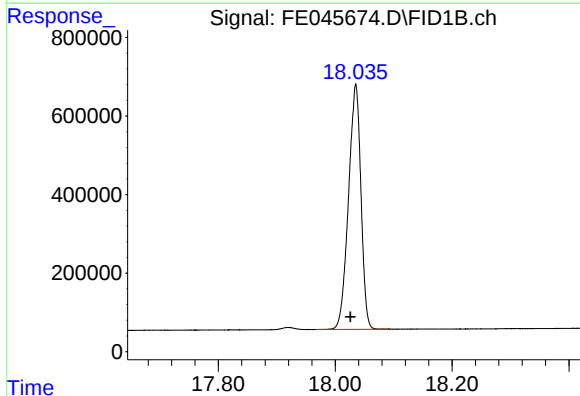
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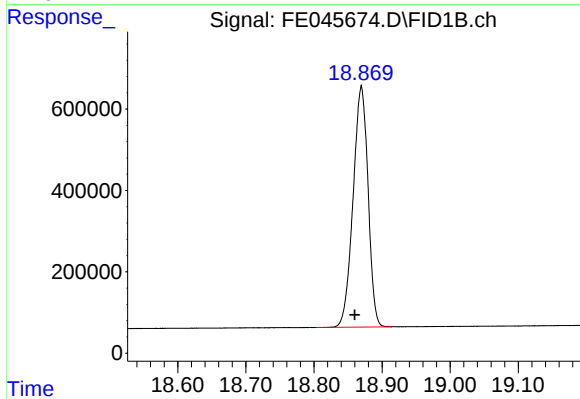
#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.006 min
Response: 9311670
Conc: 53.88 ug/ml



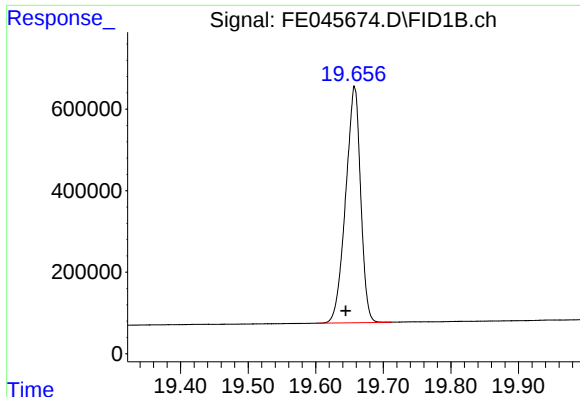
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: 0.009 min
Response: 9212612
Conc: 52.66 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: 0.010 min
Response: 9034316
Conc: 49.52 ug/ml



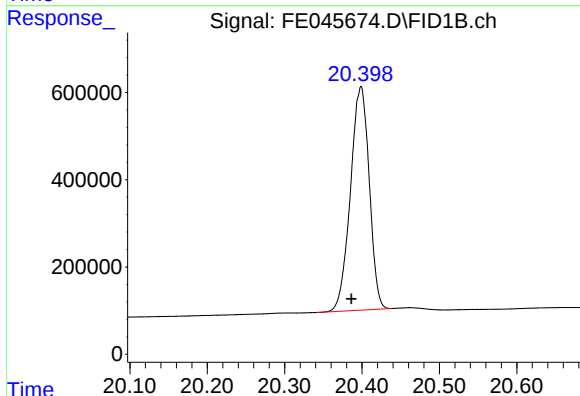
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: 0.013 min
Response: 8937448
Conc: 53.86 ug/ml

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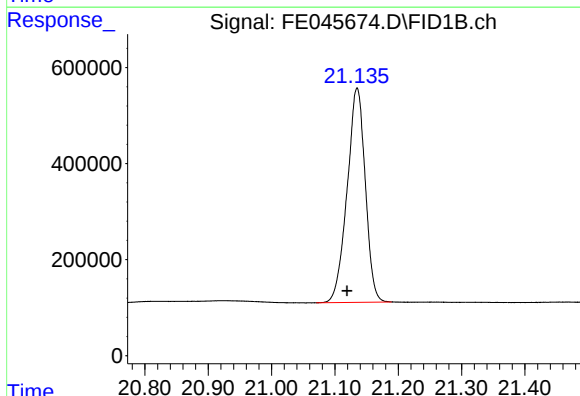
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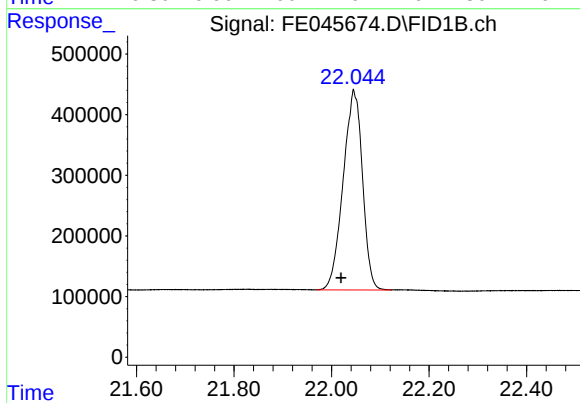
#20 n-Hexatriacontane (C36)

R.T.: 20.399 min
Delta R.T.: 0.013 min
Response: 8659071
Conc: 54.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: 0.016 min
Response: 8879727
Conc: 56.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: 0.025 min
Response: 9059297
Conc: 63.75 ug/ml m