

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071922AL\
 Data File : FE036584.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jul 2022 17:52
 Operator : YP\AJ
 Sample : PB146275BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146275BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
 Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
 Quant Time: Jul 20 02:54:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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...	13.296	7919946	52.055 ug/ml
Spiked Amount 50.000		Recovery =	104.11%
Target Compounds			
1) T n-Nonane (C9)	3.237	7381846	47.885 ug/ml
2) T n-Decane (C10)	4.495	7558914	49.037 ug/ml
4) T n-Dodecane (C12)	6.666	7815056	49.759 ug/ml
6) T n-Tetradecane (C14)	8.494	8004288	49.029 ug/ml
7) T n-Hexadecane (C16)	10.101	8042010	48.791 ug/ml
8) T n-Octadecane (C18)	11.543	8225893	48.402 ug/ml
10) T n-Eicosane (C20)	12.852	7894652	46.411 ug/ml
11) T n-Heneicosane (C21)	13.464	7809835	45.631 ug/ml
13) T n-Docosane (C22)	14.050	7748157	45.381 ug/ml
14) T n-Tetracosane (C24)	15.154	7459503	43.760 ug/ml
15) T n-Hexacosane (C26)	16.177	7248785	43.357 ug/ml
16) T n-Octacosane (C28)	17.126	7115848	43.568 ug/ml
17) T n-Tricontane (C30)	18.013	6907309	45.455 ug/ml
18) T n-Dotriacontane (C32)	18.847	6675146	55.502 ug/ml
19) T n-Tetratriacontane (C34)	19.630	6695142	80.396 ug/mlm
20) T n-Hexatriacontane (C36)	20.371	6591084	112.252 ug/mlm
21) T n-Octatriacontane (C38)	21.097	6674873	133.131 ug/mlm
22) T n-Tetracontane (C40)	21.986	7142423	138.306 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB146275BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

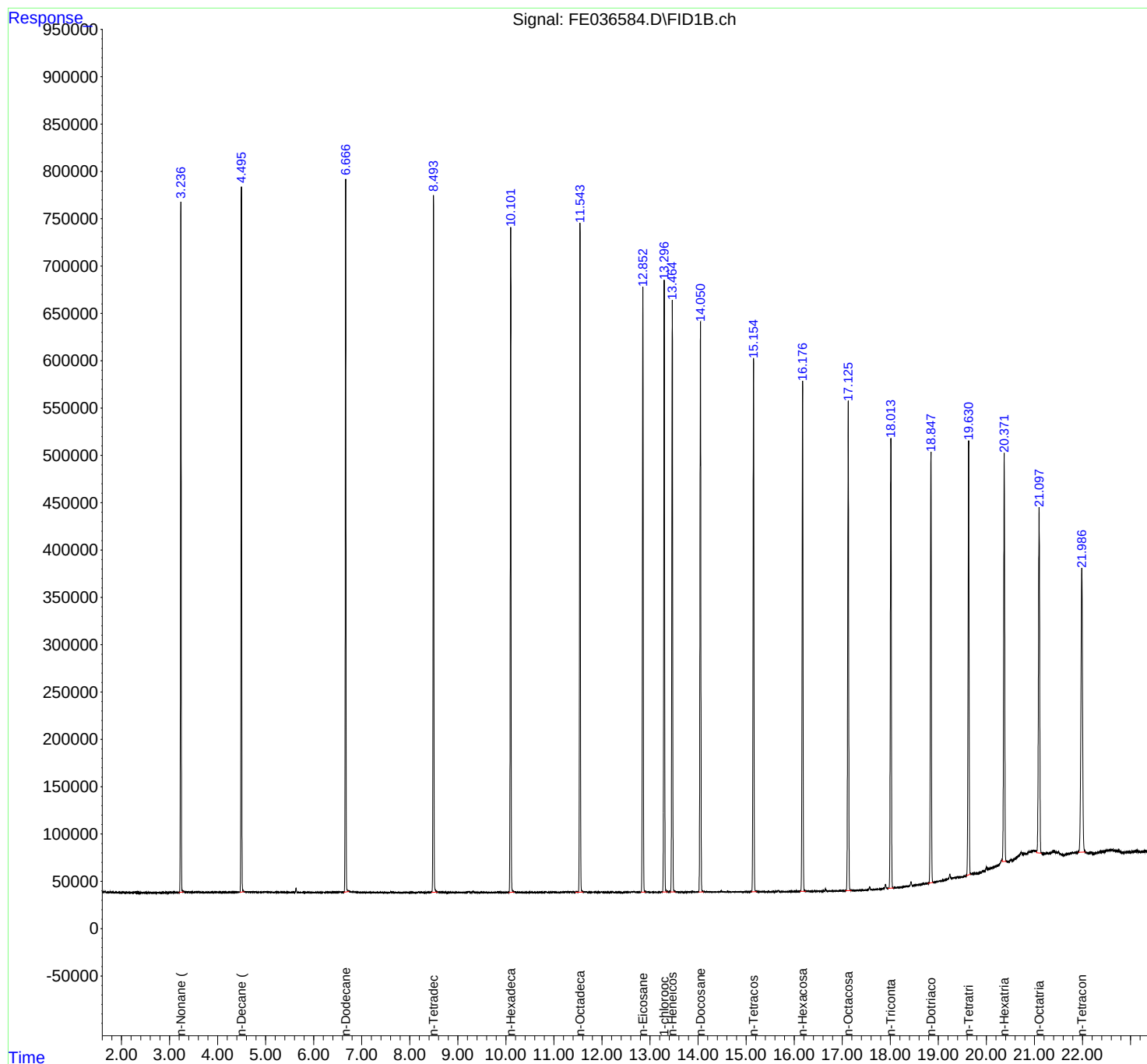
Instrument :
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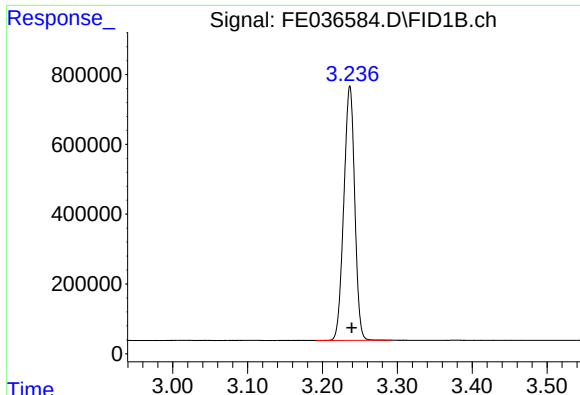
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 7381846
Conc: 47.89 ug/ml

Instrument :

FID_E

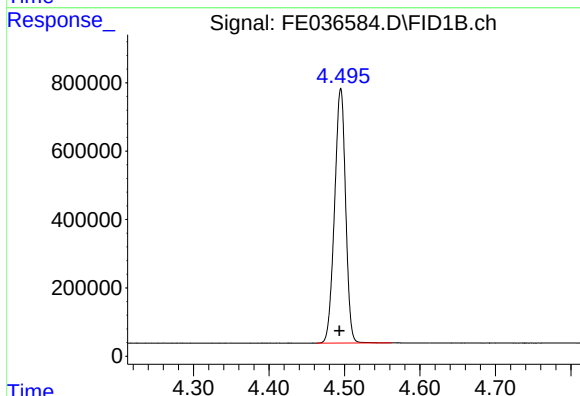
ClientSampleId :

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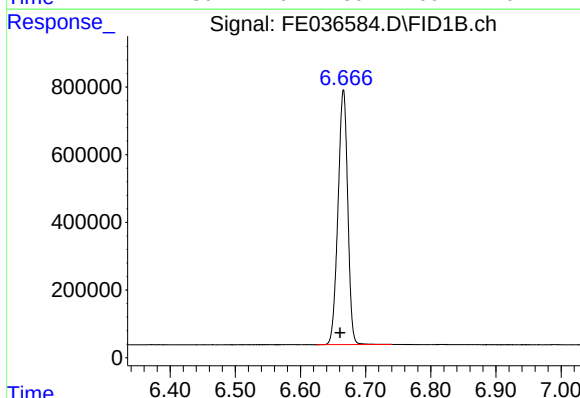
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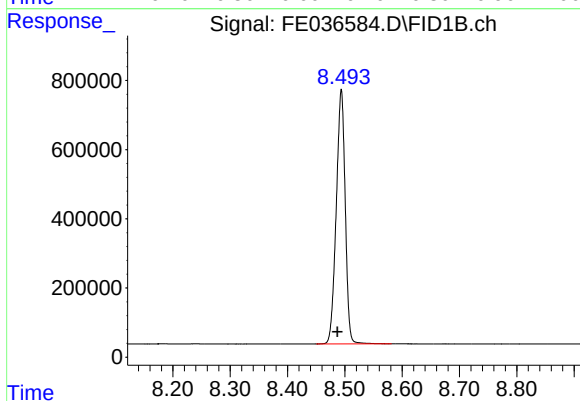
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: 0.002 min
Response: 7558914
Conc: 49.04 ug/ml



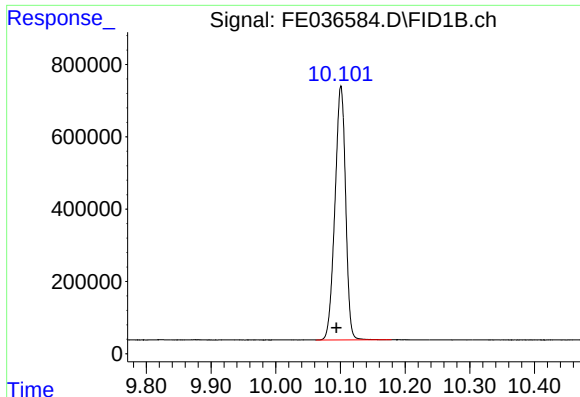
#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: 0.005 min
Response: 7815056
Conc: 49.76 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.007 min
Response: 8004288
Conc: 49.03 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: 0.007 min
Response: 8042010
Conc: 48.79 ug/ml

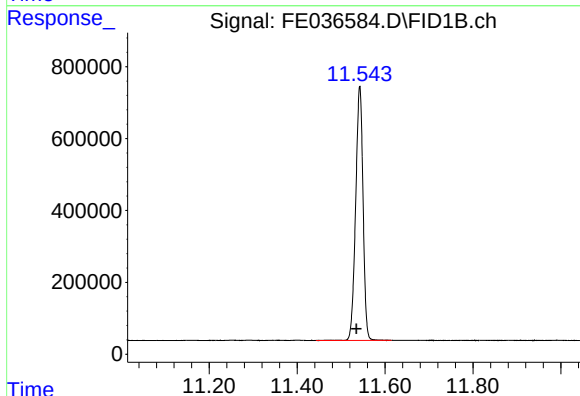
Instrument :

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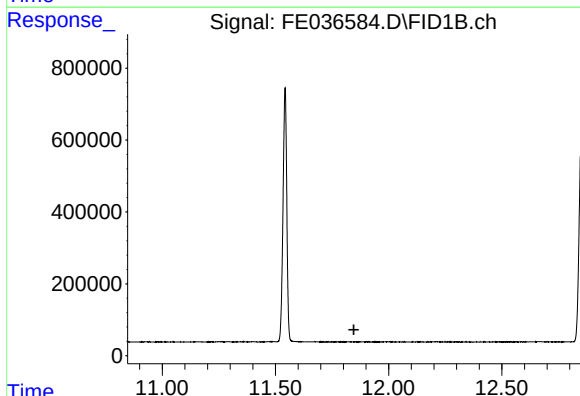
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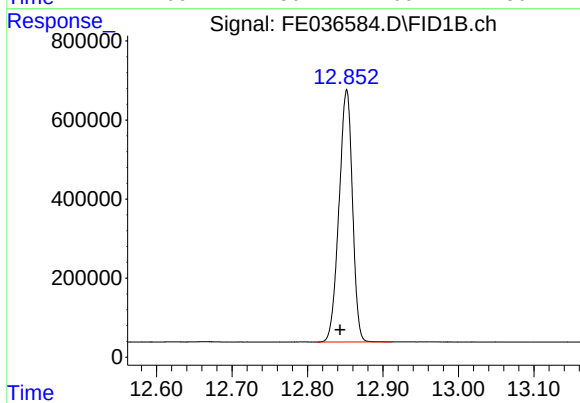
#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: 0.008 min
Response: 8225893
Conc: 48.40 ug/ml



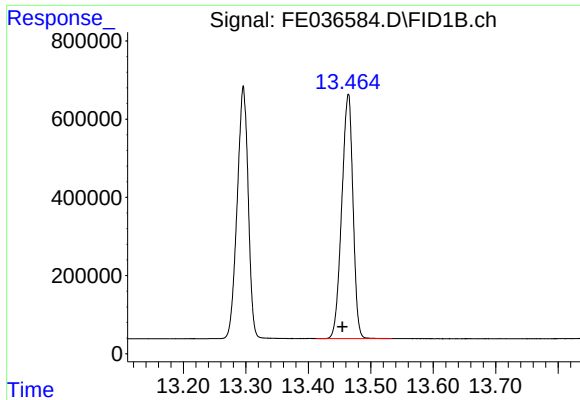
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.846 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.009 min
Response: 7894652
Conc: 46.41 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.464 min
Delta R.T.: 0.009 min
Response: 7809835
Conc: 45.63 ug/ml

Instrument :

FID_E

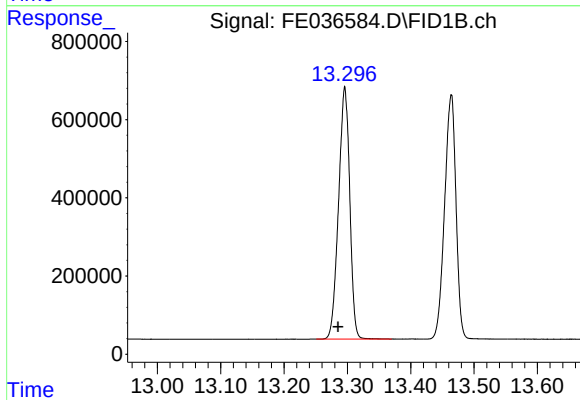
ClientSampleId :

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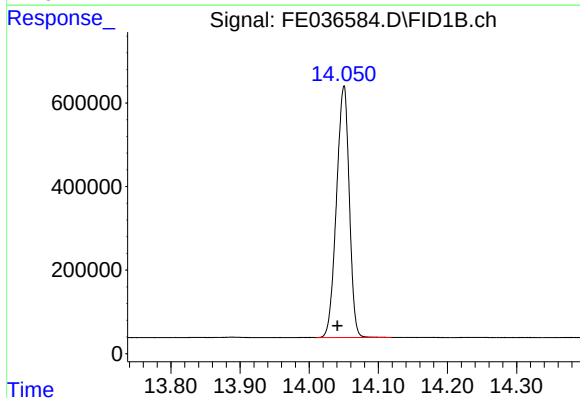
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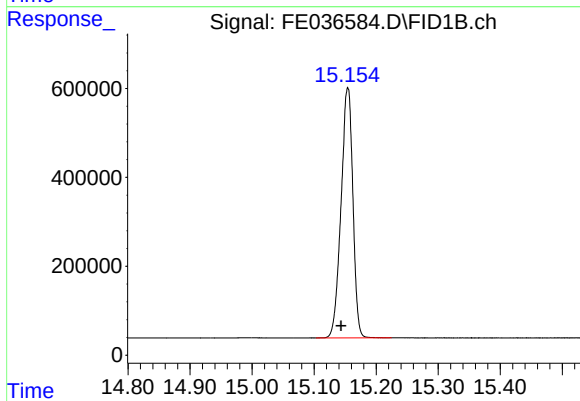
#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: 0.010 min
Response: 7919946
Conc: 52.06 ug/ml



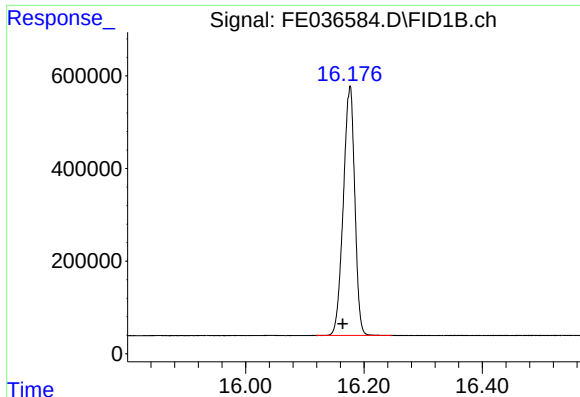
#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: 0.009 min
Response: 7748157
Conc: 45.38 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: 0.011 min
Response: 7459503
Conc: 43.76 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: 0.013 min
Response: 7248785
Conc: 43.36 ug/ml

Instrument :

FID_E

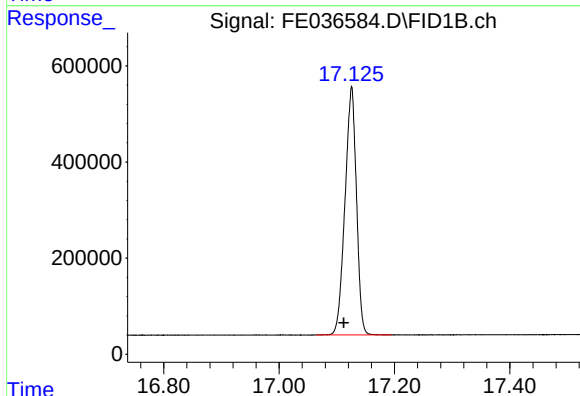
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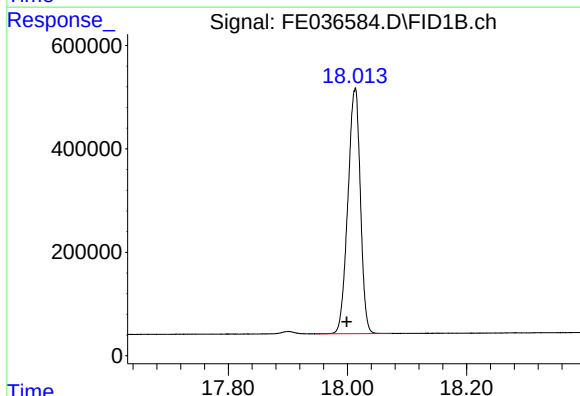
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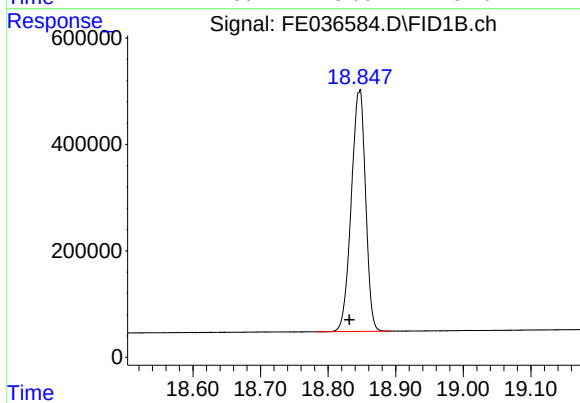
#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: 0.014 min
Response: 7115848
Conc: 43.57 ug/ml



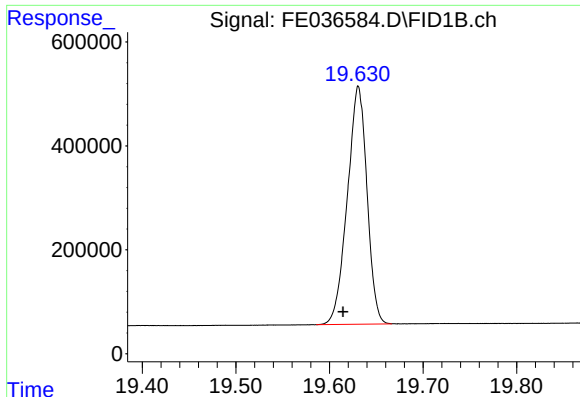
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: 0.014 min
Response: 6907309
Conc: 45.45 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: 0.015 min
Response: 6675146
Conc: 55.50 ug/ml



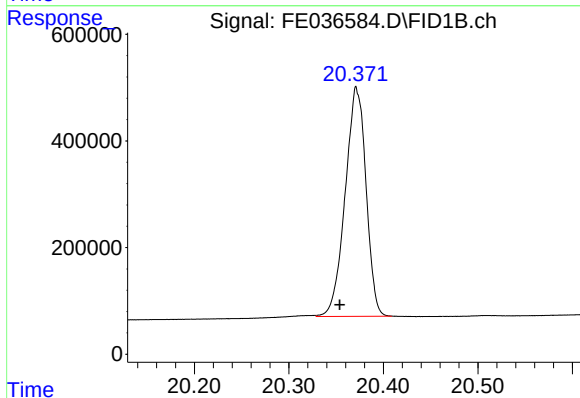
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: 0.016 min
Response: 6695142
Conc: 80.40 ug/ml

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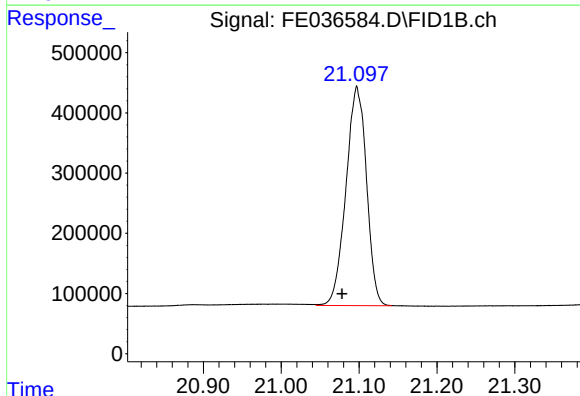
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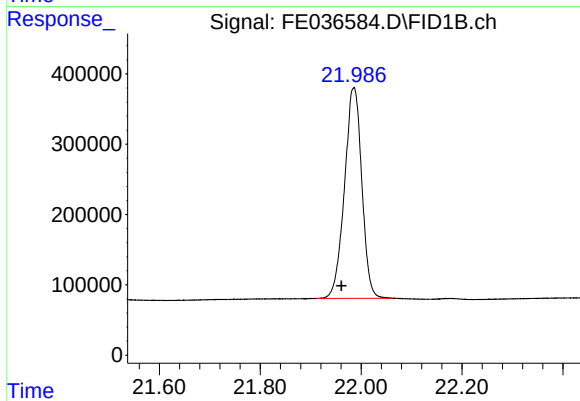
#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: 0.017 min
Response: 6591084
Conc: 112.25 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: 0.018 min
Response: 6674873
Conc: 133.13 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: 0.025 min
Response: 7142423
Conc: 138.31 ug/ml