

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072222AL\
 Data File : FE036655.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2022 16:53
 Operator : YP\AJ
 Sample : PB146350BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146350BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2022
 Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e
 Quant Time: Jul 23 00:29:06 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...	13.290	5324654	34.997 ug/ml
Spiked Amount 50.000		Recovery =	69.99%
Target Compounds			
1) T n-Nonane (C9)	3.237	3482493	22.591 ug/ml
2) T n-Decane (C10)	4.492	4333634	28.114 ug/ml
4) T n-Dodecane (C12)	6.661	5447994	34.688 ug/ml
6) T n-Tetradecane (C14)	8.488	5755586	35.255 ug/ml
7) T n-Hexadecane (C16)	10.095	5869509	35.610 ug/ml
8) T n-Octadecane (C18)	11.537	6118890	36.004 ug/ml
10) T n-Eicosane (C20)	12.846	5843443	34.353 ug/ml
11) T n-Heneicosane (C21)	13.457	5760701	33.658 ug/ml
13) T n-Docosane (C22)	14.043	5671916	33.221 ug/ml
14) T n-Tetracosane (C24)	15.146	5477194	32.131 ug/ml
15) T n-Hexacosane (C26)	16.167	5263382	31.482 ug/ml
16) T n-Octacosane (C28)	17.117	5073326	31.062 ug/ml
17) T n-Tricontane (C30)	18.006	4927442	32.426 ug/ml
18) T n-Dotriacontane (C32)	18.837	4760300	39.580 ug/ml
19) T n-Tetratriacontane (C34)	19.623	4410178	52.958 ug/ml
20) T n-Hexatriacontane (C36)	20.361	4135752	70.435 ug/mlm
21) T n-Octatriacontane (C38)	21.087	4002298	79.826 ug/ml
22) T n-Tetracontane (C40)	21.974	4109156	79.570 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB146350BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

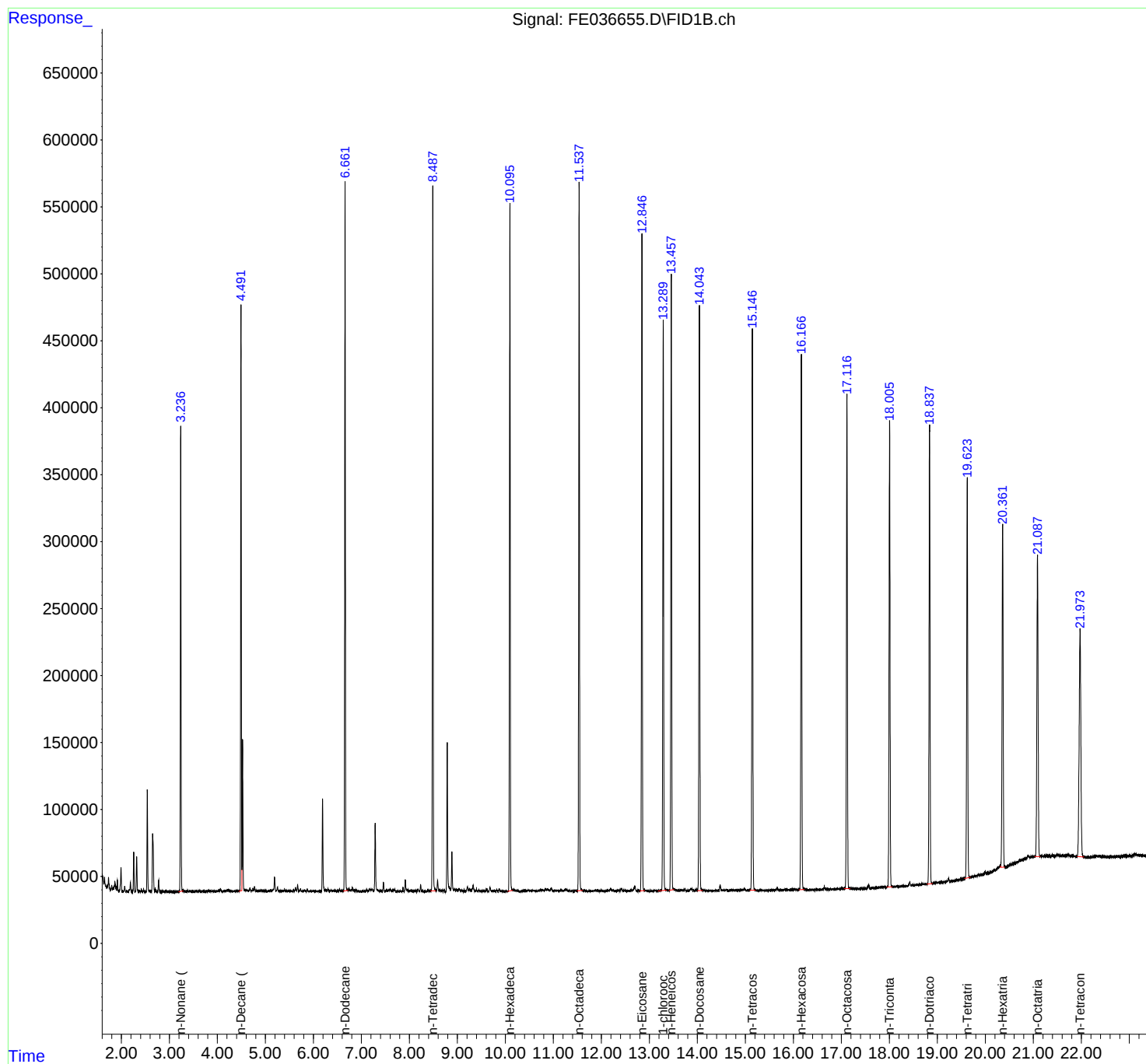
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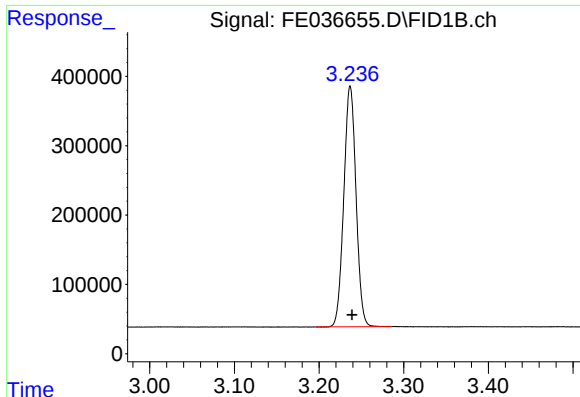
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#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 3482493
Conc: 22.59 ug/ml

Instrument :

FID_E

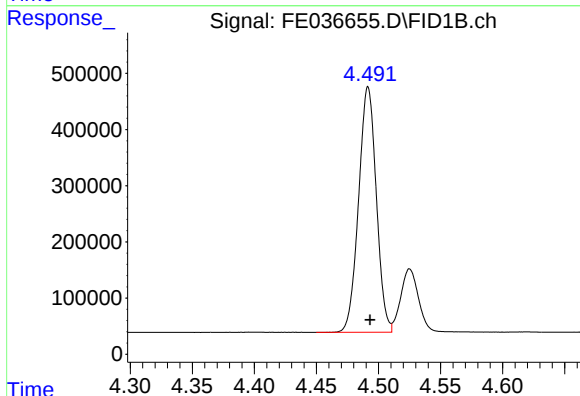
ClientSampleId :

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Manual Integrations

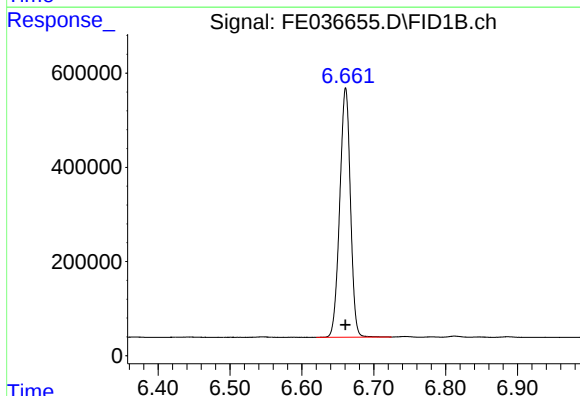
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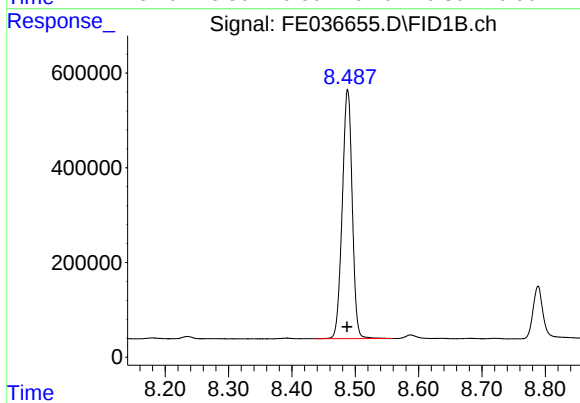
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 4333634
Conc: 28.11 ug/ml



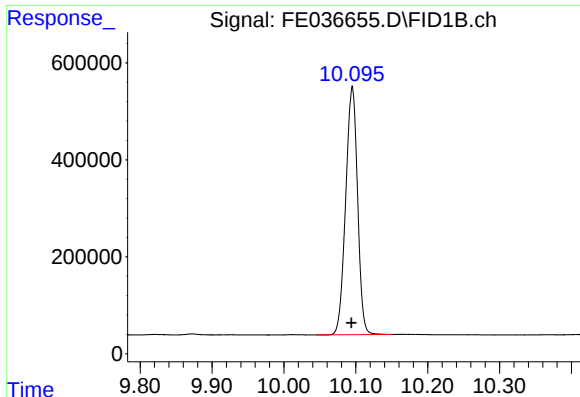
#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 5447994
Conc: 34.69 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 5755586
Conc: 35.25 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: 0.001 min
Response: 5869509
Conc: 35.61 ug/ml

Instrument :

FID_E

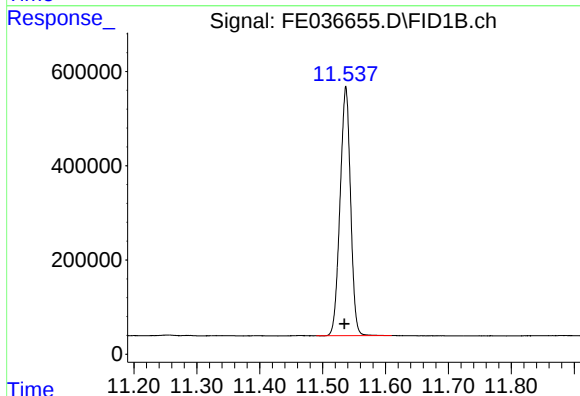
ClientSampleId :

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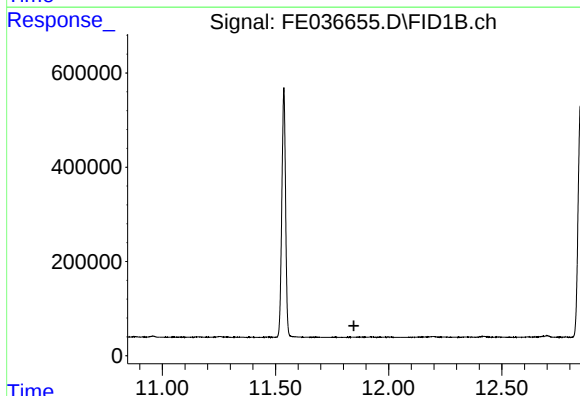
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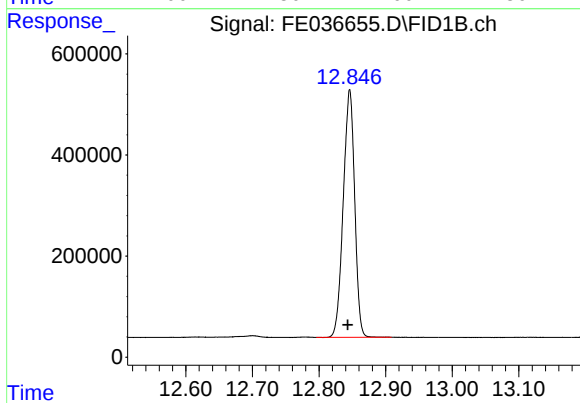
#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: 0.002 min
Response: 6118890
Conc: 36.00 ug/ml



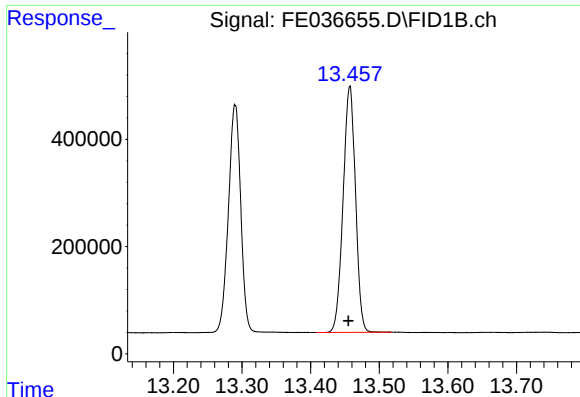
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: 0.003 min
Response: 5843443
Conc: 34.35 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: 0.002 min
Response: 5760701
Conc: 33.66 ug/ml

Instrument :

FID_E

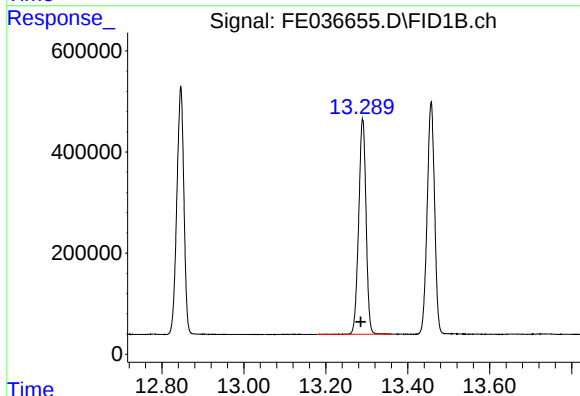
ClientSampleId :

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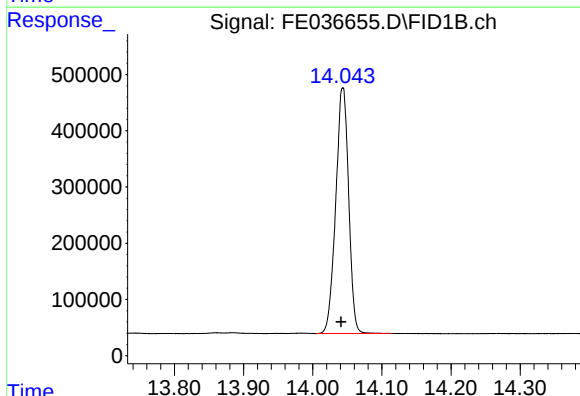
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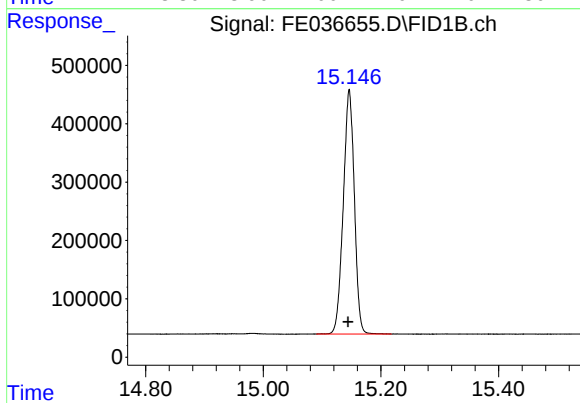
#12 1-chlorooctadecane (SURR)

R.T.: 13.290 min
Delta R.T.: 0.005 min
Response: 5324654
Conc: 35.00 ug/ml



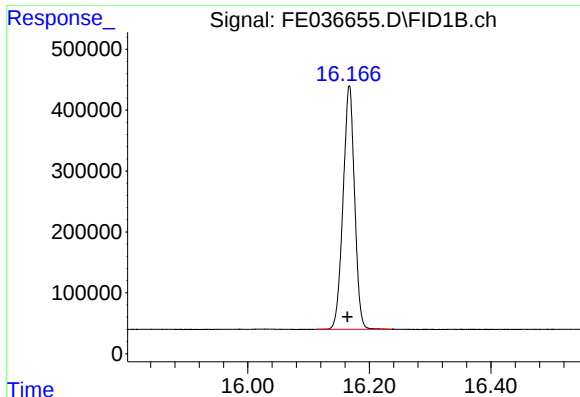
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: 0.002 min
Response: 5671916
Conc: 33.22 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: 0.002 min
Response: 5477194
Conc: 32.13 ug/ml



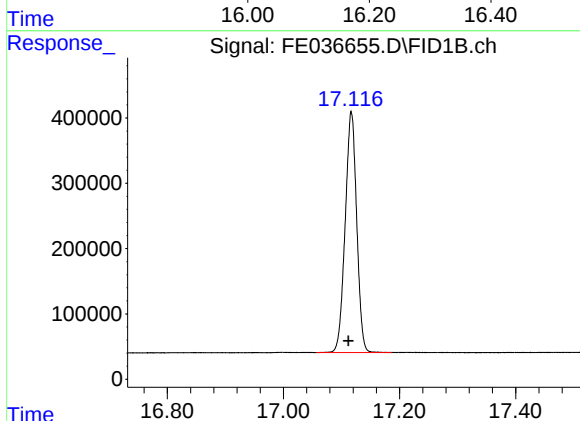
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: 0.003 min
Response: 5263382
Conc: 31.48 ug/ml

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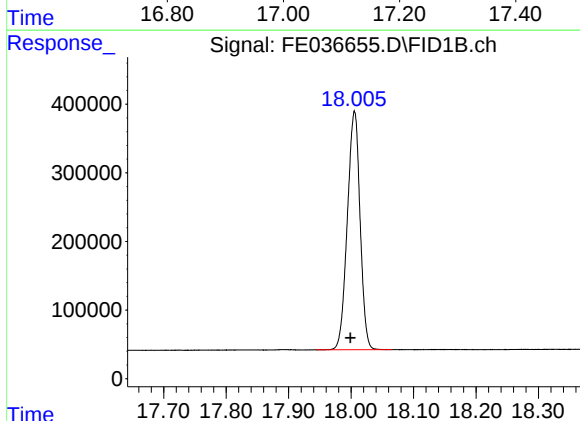
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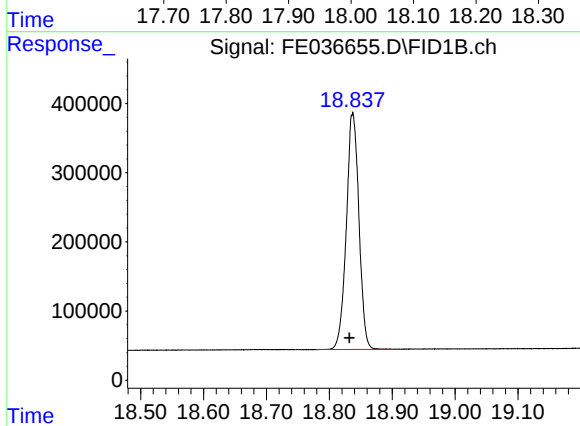
#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: 0.005 min
Response: 5073326
Conc: 31.06 ug/ml



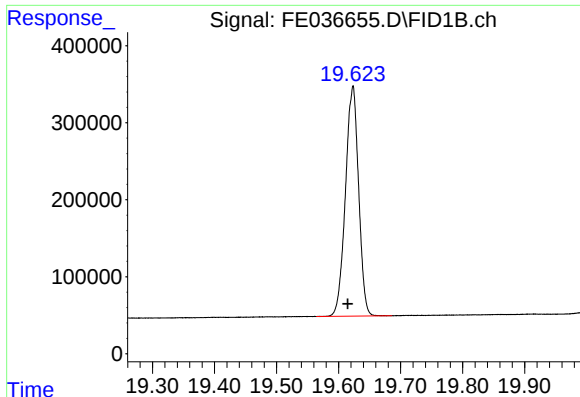
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: 0.007 min
Response: 4927442
Conc: 32.43 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: 0.005 min
Response: 4760300
Conc: 39.58 ug/ml



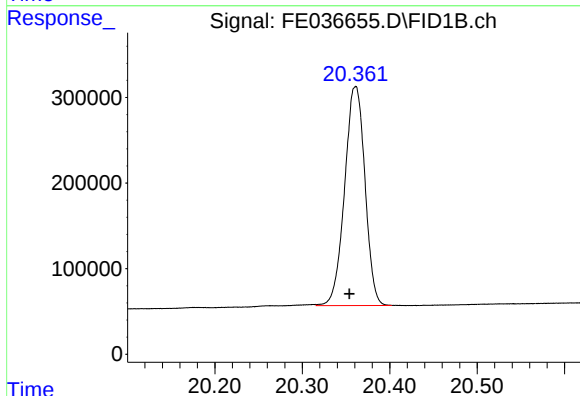
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: 0.009 min
Response: 4410178
Conc: 52.96 ug/ml

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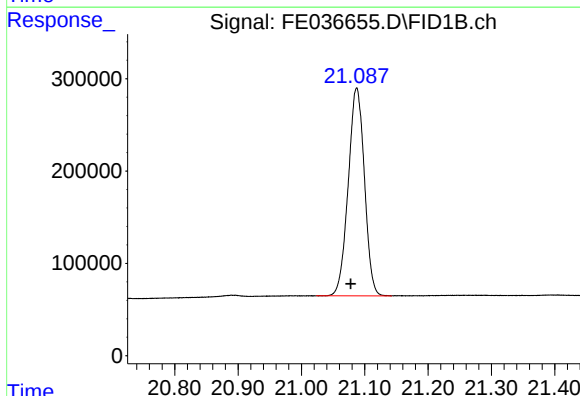
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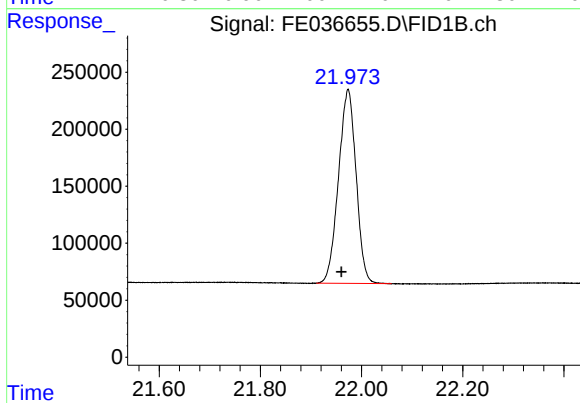
#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: 0.007 min
Response: 4135752
Conc: 70.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.087 min
Delta R.T.: 0.009 min
Response: 4002298
Conc: 79.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: 0.013 min
Response: 4109156
Conc: 79.57 ug/ml