

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036275.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 22:51
 Operator : YP\AJ
 Sample : N3514-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-14B-10-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 08:13:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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...	13.319	6551185	42.316 ug/mlm
Spiked Amount 50.000		Recovery =	84.63%
Target Compounds			
1) T n-Nonane (C9)	3.267	6907366	38.404 ug/ml
2) T n-Decane (C10)	4.523	7974638	44.363 ug/ml
4) T n-Dodecane (C12)	6.693	8470695	45.732 ug/mlm
6) T n-Tetradecane (C14)	8.521	10329374	55.251 ug/mlm
7) T n-Hexadecane (C16)	10.128	10475204	55.936 ug/mlm
8) T n-Octadecane (C18)	11.569	11117901	59.760 ug/mlm
10) T n-Eicosane (C20)	12.877	10442463	57.642 ug/mlm
11) T n-Heneicosane (C21)	13.488	9714769	54.082 ug/mlm
13) T n-Docosane (C22)	14.074	9748592	55.139 ug/mlm
14) T n-Tetracosane (C24)	15.176	9546672	55.739 ug/mlm
15) T n-Hexacosane (C26)	16.197	9201677	55.693 ug/mlm
16) T n-Octacosane (C28)	17.145	8964148	56.000 ug/mlm
17) T n-Tricontane (C30)	18.032	8647707	55.856 ug/ml
18) T n-Dotriacontane (C32)	18.864	8571695	58.655 ug/ml
19) T n-Tetratriacontane (C34)	19.649	8467129	61.187 ug/ml
20) T n-Hexatriacontane (C36)	20.386	8155965	60.753 ug/mlm
21) T n-Octatriacontane (C38)	21.118	7902328	59.421 ug/ml
22) T n-Tetracontane (C40)	22.015	8117993	58.058 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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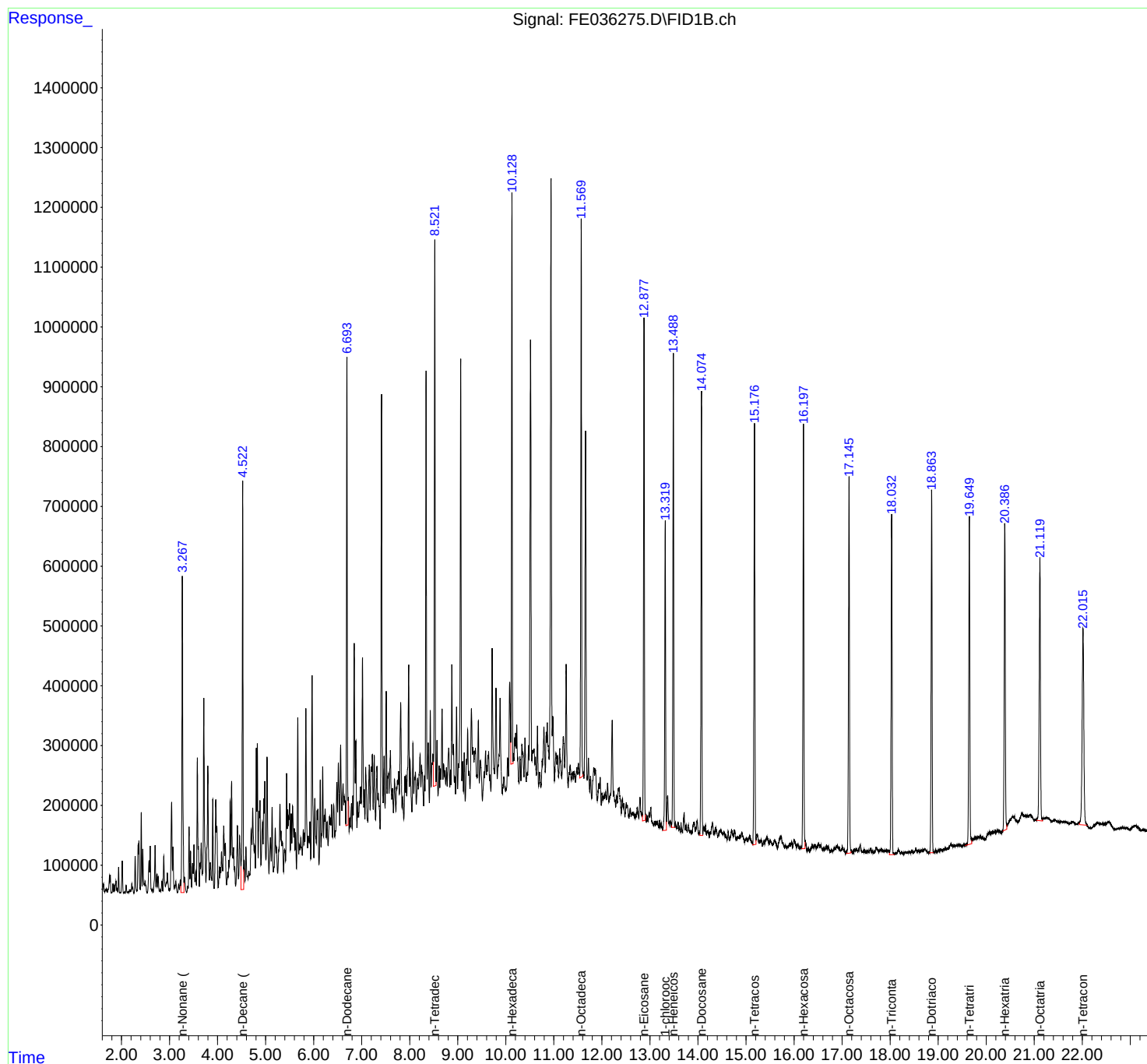
Instrument :
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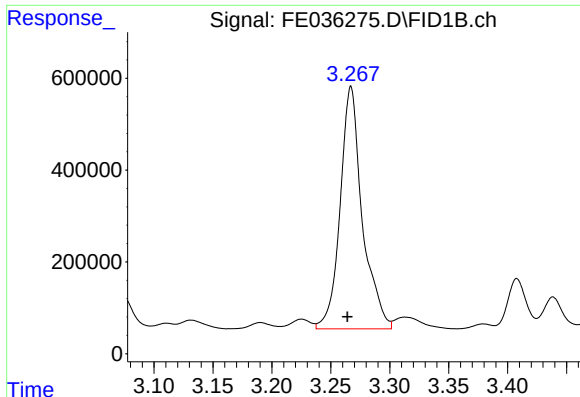
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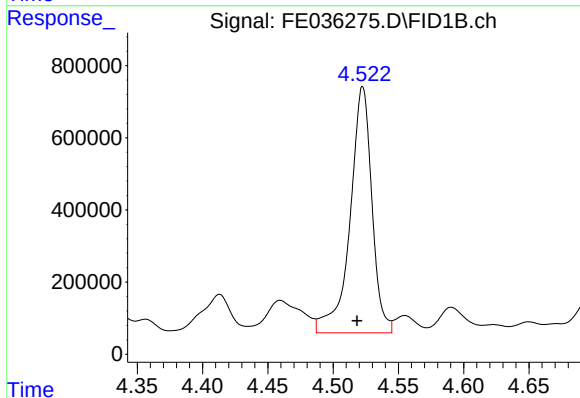
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: 0.003 min
Response: 6907366
Conc: 38.40 ug/ml

Instrument :
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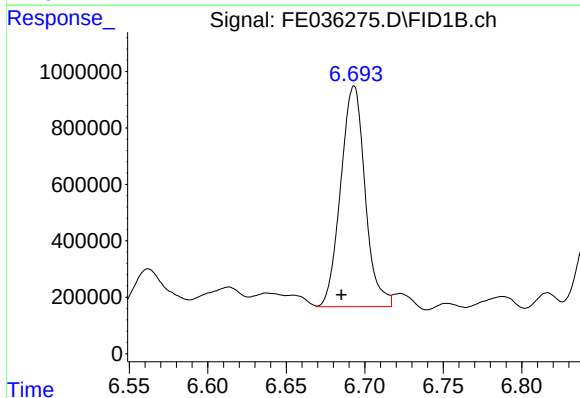
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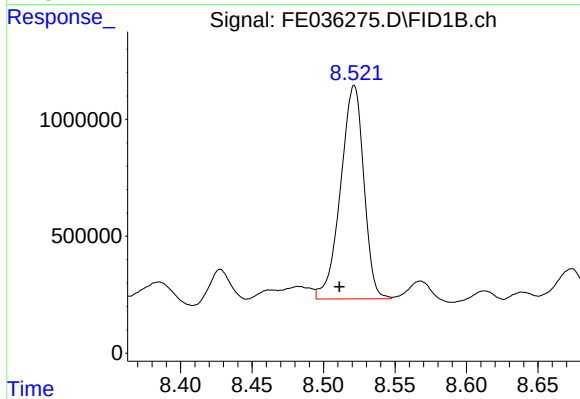
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: 0.004 min
Response: 7974638
Conc: 44.36 ug/ml



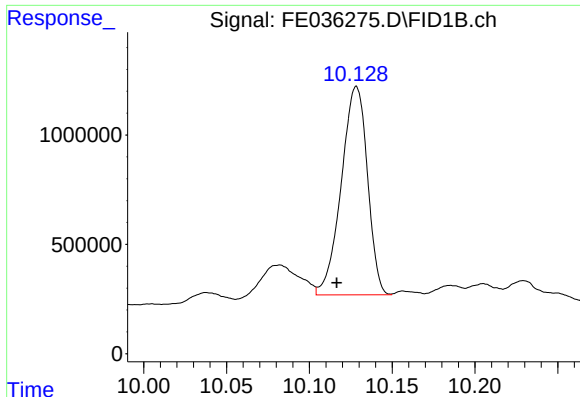
#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: 0.007 min
Response: 8470695
Conc: 45.73 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: 0.010 min
Response: 10329374
Conc: 55.25 ug/ml m



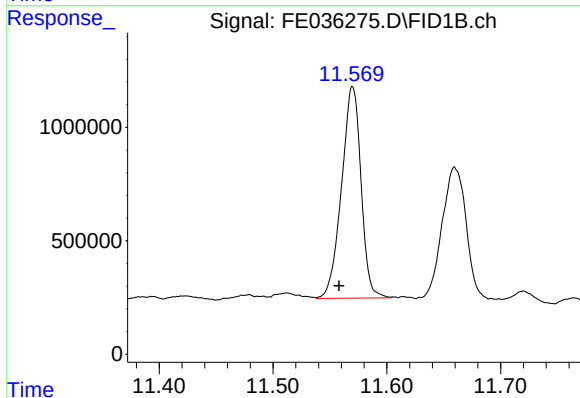
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: 0.012 min
Response: 10475204
Conc: 55.94 ug/ml

Instrument :
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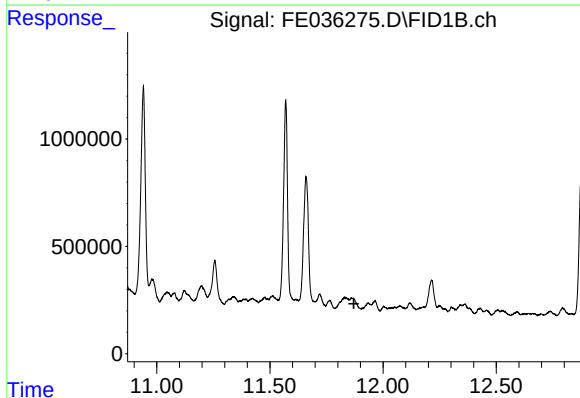
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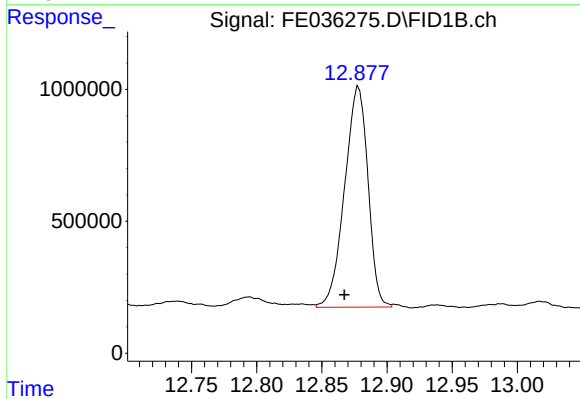
#8 n-Octadecane (C18)

R.T.: 11.569 min
Delta R.T.: 0.011 min
Response: 11117901
Conc: 59.76 ug/ml m



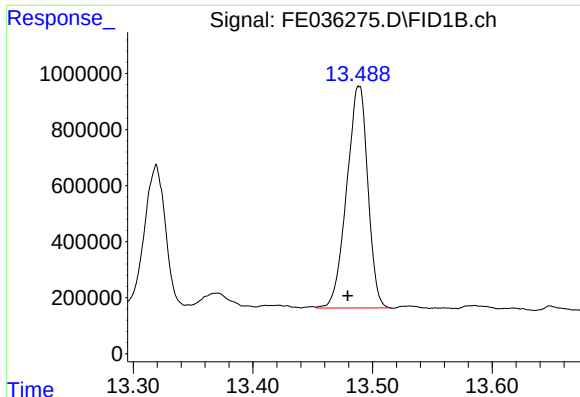
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.871 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: 0.010 min
Response: 10442463
Conc: 57.64 ug/ml m



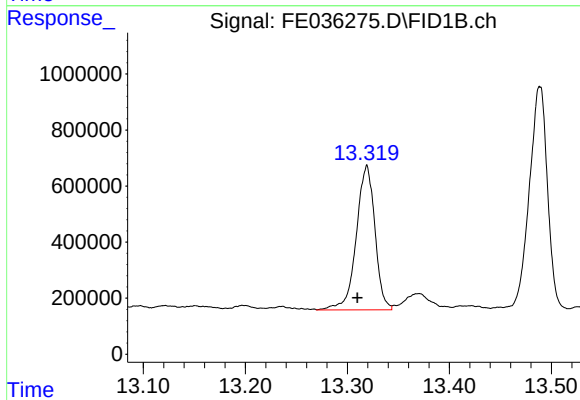
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: 0.009 min
Response: 9714769
Conc: 54.08 ug/ml

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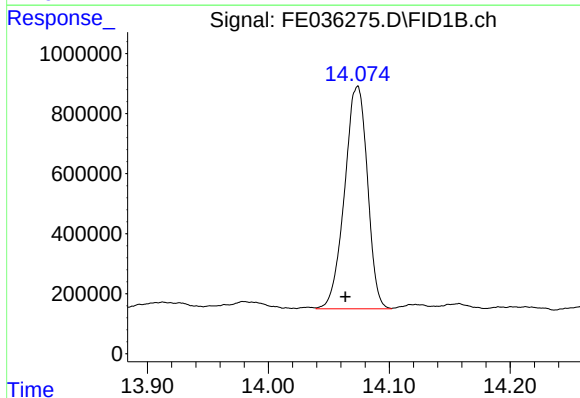
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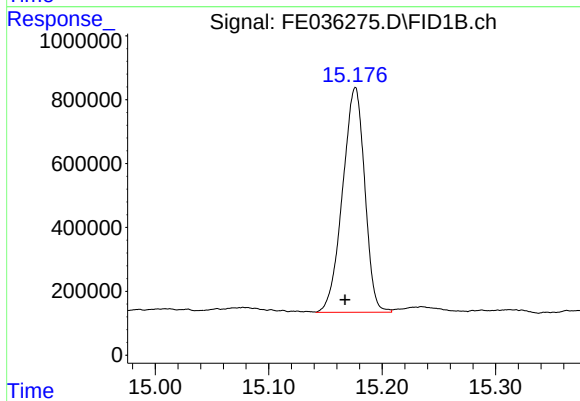
#12 1-chlorooctadecane (SURR)

R.T.: 13.319 min
Delta R.T.: 0.009 min
Response: 6551185
Conc: 42.32 ug/ml m



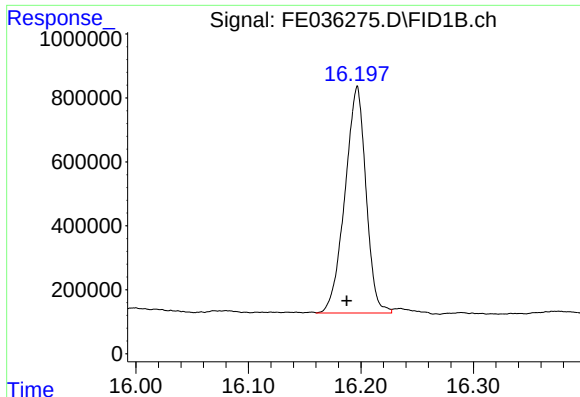
#13 n-Docosane (C22)

R.T.: 14.074 min
Delta R.T.: 0.010 min
Response: 9748592
Conc: 55.14 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: 0.009 min
Response: 9546672
Conc: 55.74 ug/ml m



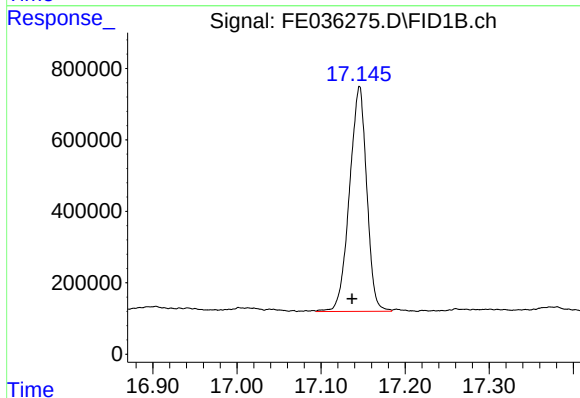
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.009 min
Response: 9201677
Conc: 55.69 ug/ml

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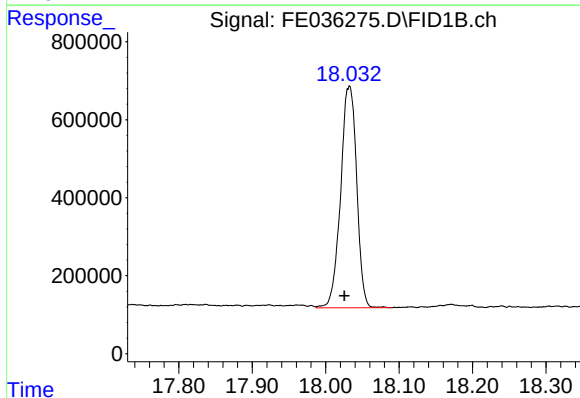
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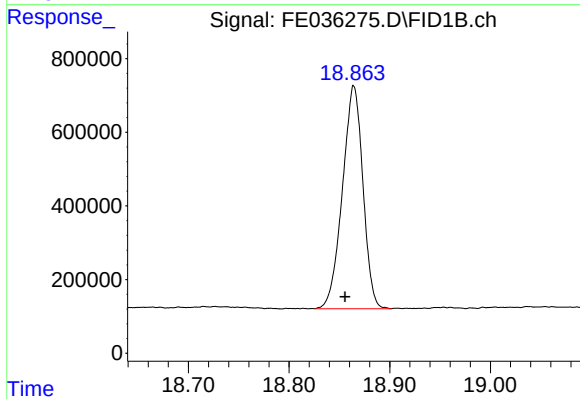
#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.008 min
Response: 8964148
Conc: 56.00 ug/ml m



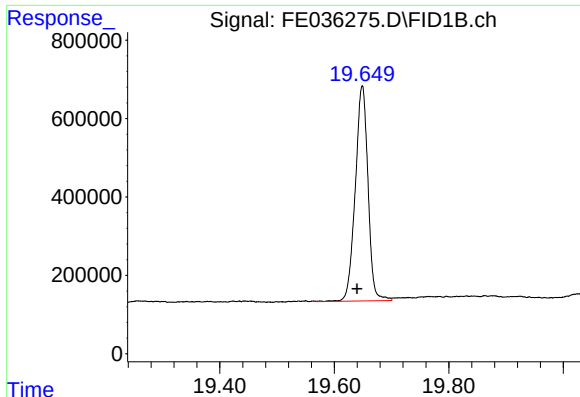
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: 0.007 min
Response: 8647707
Conc: 55.86 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.009 min
Response: 8571695
Conc: 58.66 ug/ml



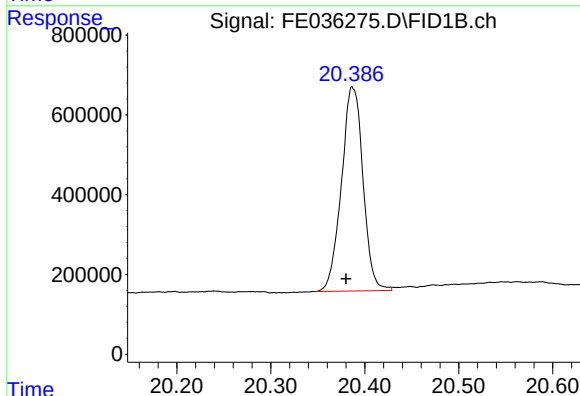
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.009 min
Response: 8467129
Conc: 61.19 ug/ml

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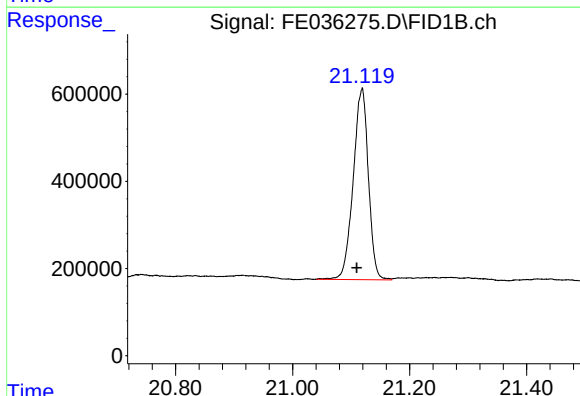
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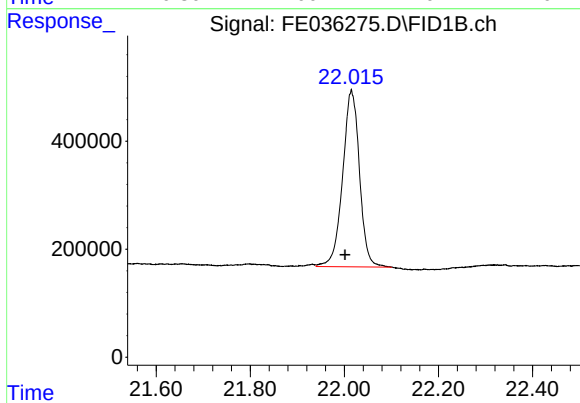
#20 n-Hexatriacontane (C36)

R.T.: 20.386 min
Delta R.T.: 0.006 min
Response: 8155965
Conc: 60.75 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: 0.009 min
Response: 7902328
Conc: 59.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.015 min
Delta R.T.: 0.013 min
Response: 8117993
Conc: 58.06 ug/ml m