

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036270.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 20:18
 Operator : YP\AJ
 Sample : PB145886BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB145886BS

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 08:11:50 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...	13.317	5659791	36.558 ug/ml
Spiked Amount 50.000		Recovery =	73.12%
Target Compounds			
1) T n-Nonane (C9)	3.266	4660496	25.912 ug/ml
2) T n-Decane (C10)	4.522	5876335	32.690 ug/ml
4) T n-Dodecane (C12)	6.690	6707072	36.211 ug/ml
6) T n-Tetradecane (C14)	8.516	7223411	38.637 ug/ml
7) T n-Hexadecane (C16)	10.124	8197285	43.772 ug/ml
8) T n-Octadecane (C18)	11.566	8891435	47.792 ug/ml
10) T n-Eicosane (C20)	12.874	8520327	47.031 ug/ml
11) T n-Heneicosane (C21)	13.486	8425571	46.905 ug/ml
13) T n-Docosane (C22)	14.071	8276520	46.813 ug/ml
14) T n-Tetracosane (C24)	15.174	8138471	47.517 ug/ml
15) T n-Hexacosane (C26)	16.195	7804264	47.235 ug/ml
16) T n-Octacosane (C28)	17.144	7469316	46.662 ug/ml
17) T n-Tricontane (C30)	18.032	7307103	47.197 ug/ml
18) T n-Dotriacontane (C32)	18.865	7371693	50.444 ug/mlm
19) T n-Tetratriacontane (C34)	19.648	6988850	50.504 ug/ml
20) T n-Hexatriacontane (C36)	20.390	6938726	51.686 ug/mlm
21) T n-Octatriacontane (C38)	21.120	6574289	49.435 ug/ml
22) T n-Tetracontane (C40)	22.014	7065054	50.527 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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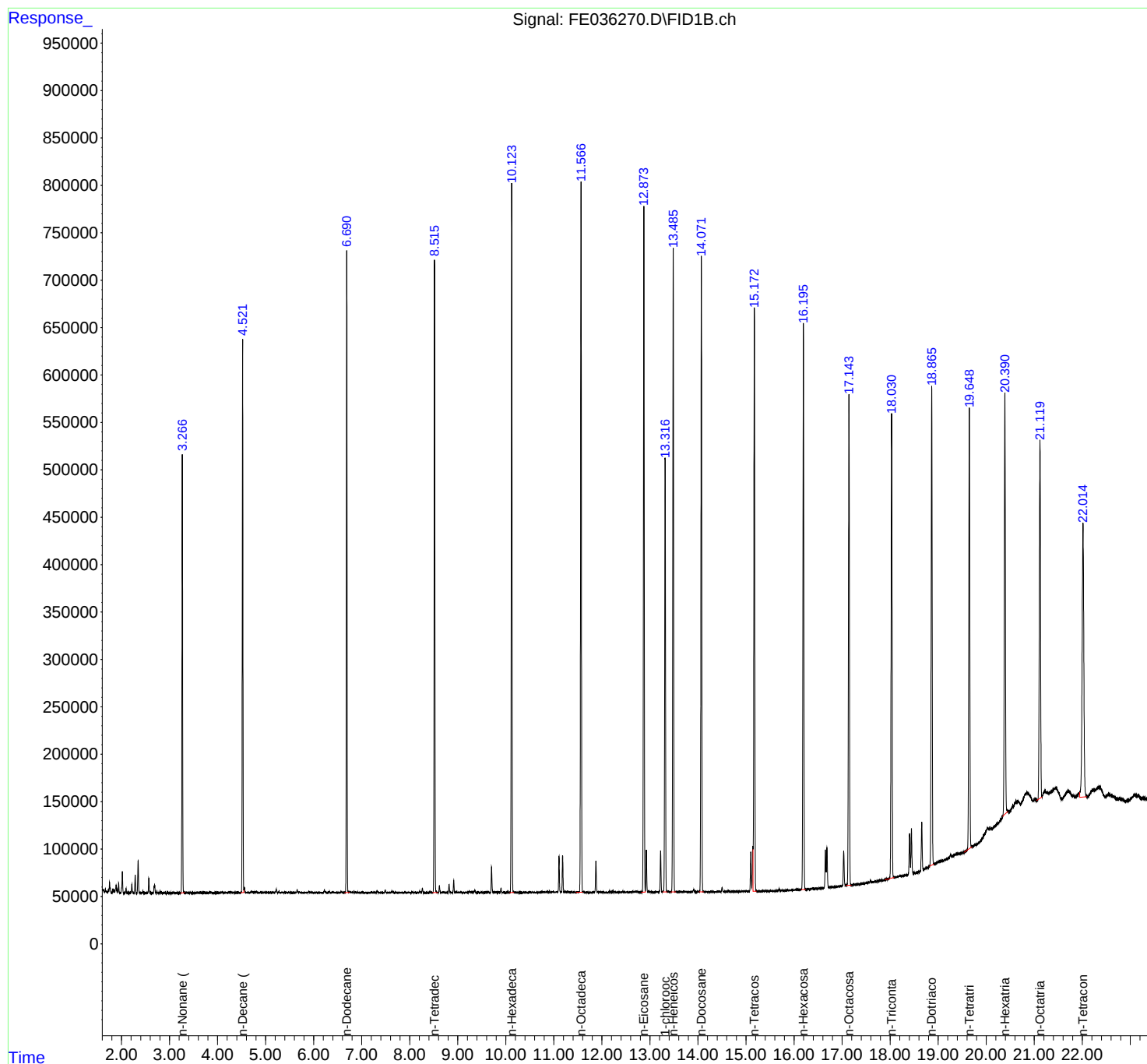
Reviewed By :Yogesh
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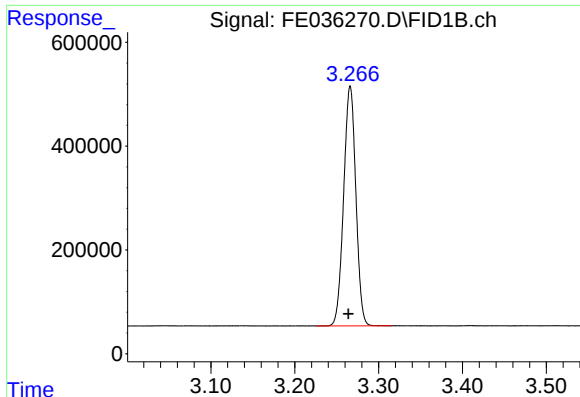
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.002 min
Response: 4660496
Conc: 25.91 ug/ml

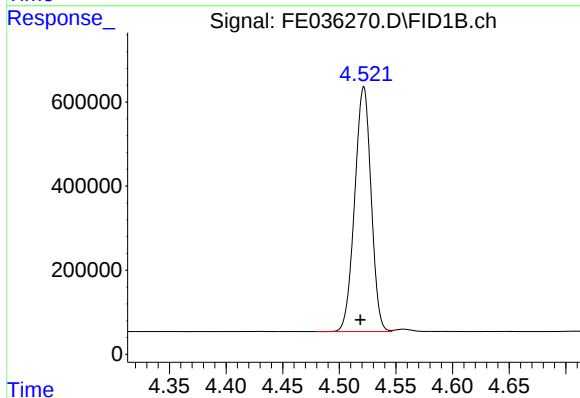
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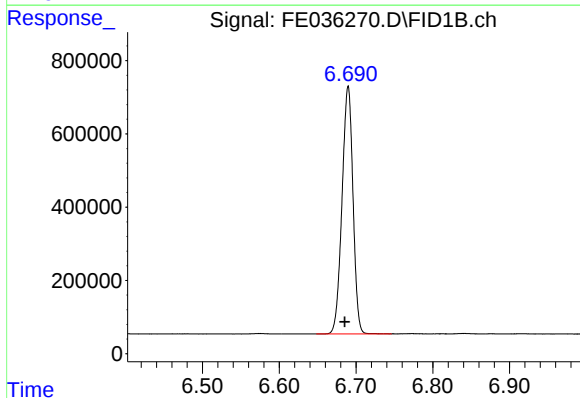
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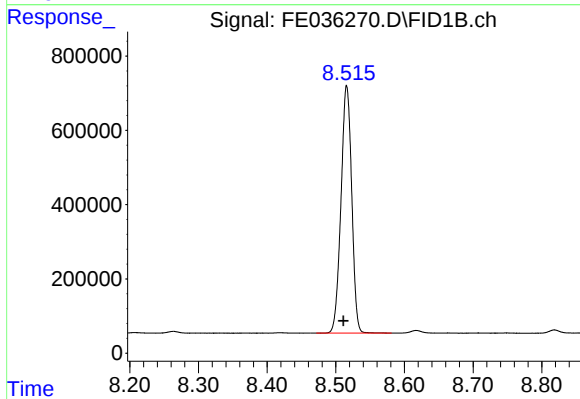
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.003 min
Response: 5876335
Conc: 32.69 ug/ml



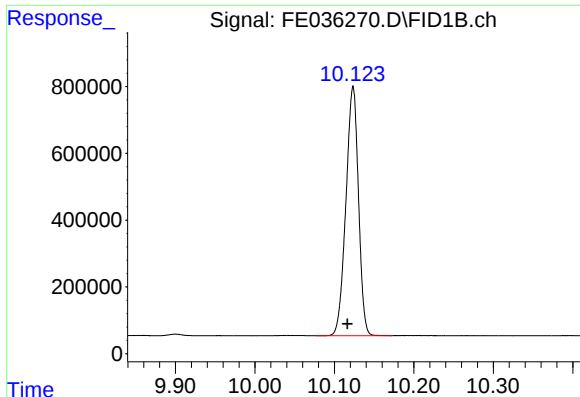
#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: 0.005 min
Response: 6707072
Conc: 36.21 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.005 min
Response: 7223411
Conc: 38.64 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: 0.007 min
Response: 8197285
Conc: 43.77 ug/ml

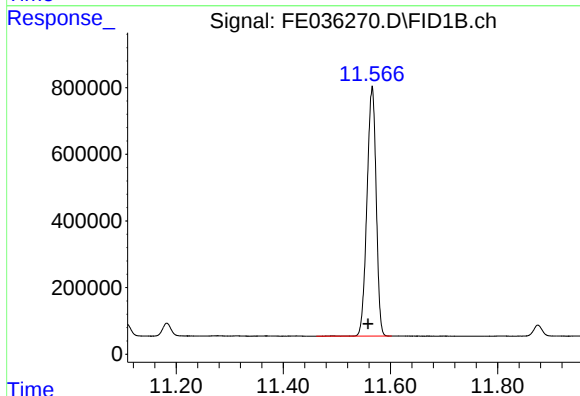
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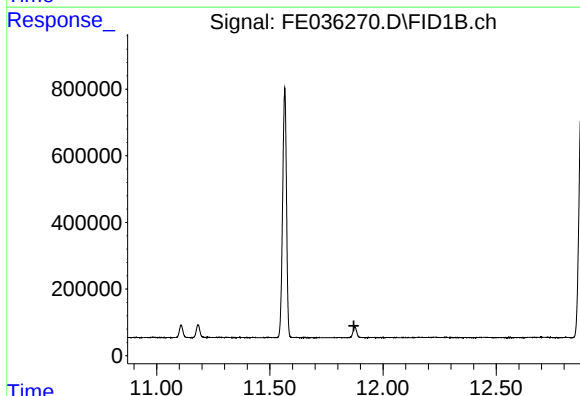
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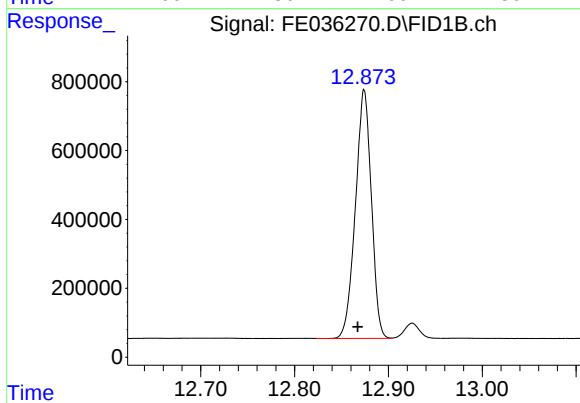
#8 n-Octadecane (C18)

R.T.: 11.566 min
Delta R.T.: 0.008 min
Response: 8891435
Conc: 47.79 ug/ml



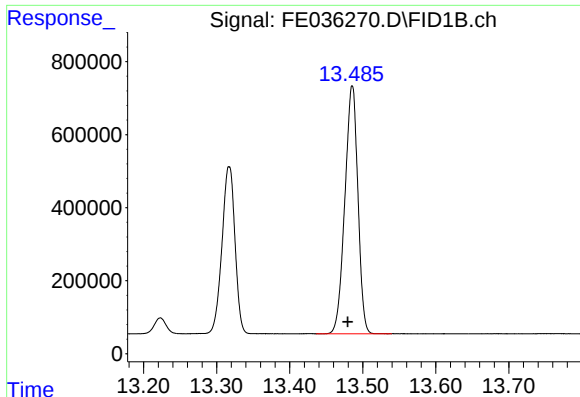
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.007 min
Response: 8520327
Conc: 47.03 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: 0.006 min
Response: 8425571
Conc: 46.91 ug/ml

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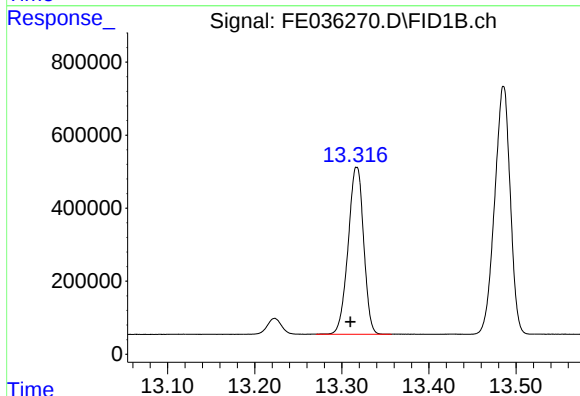
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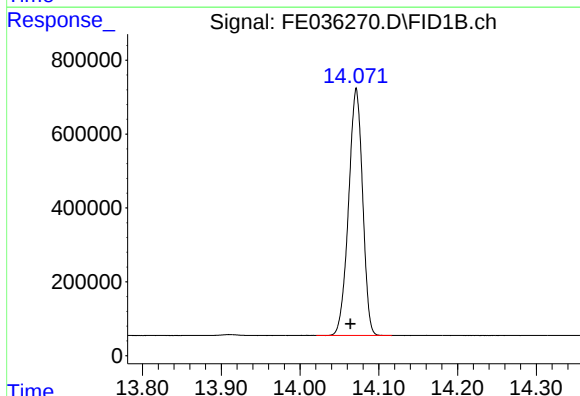
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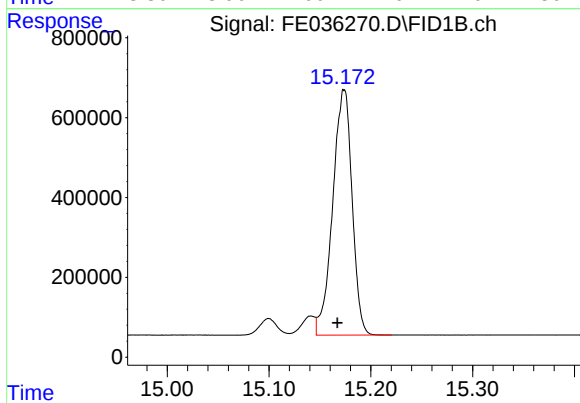
#12 1-chlorooctadecane (C18)

R.T.: 13.317 min
Delta R.T.: 0.007 min
Response: 5659791
Conc: 36.56 ug/ml



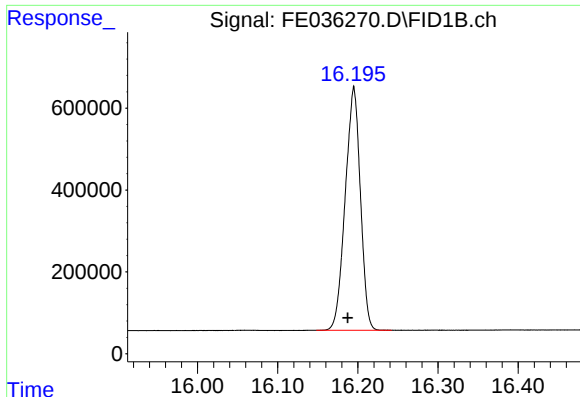
#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: 0.008 min
Response: 8276520
Conc: 46.81 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: 0.007 min
Response: 8138471
Conc: 47.52 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.008 min
Response: 7804264
Conc: 47.24 ug/ml

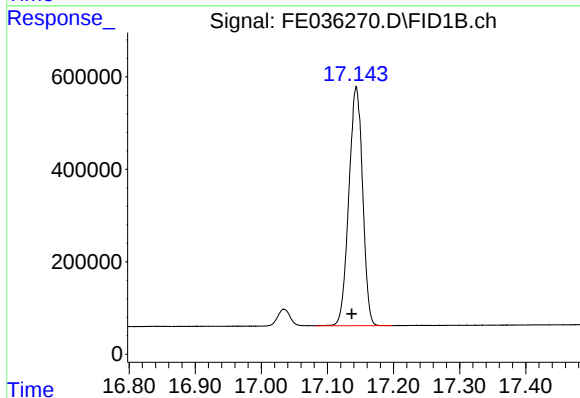
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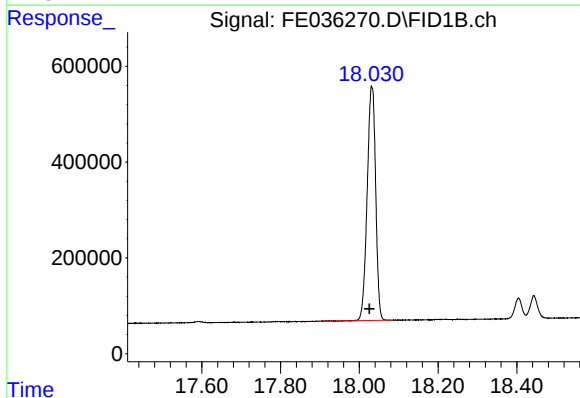
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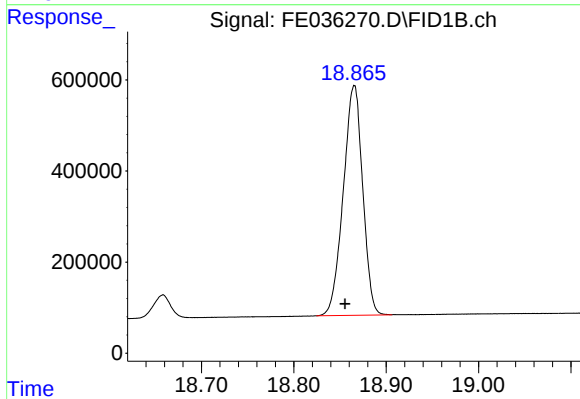
#16 n-Octacosane (C28)

R.T.: 17.144 min
Delta R.T.: 0.007 min
Response: 7469316
Conc: 46.66 ug/ml



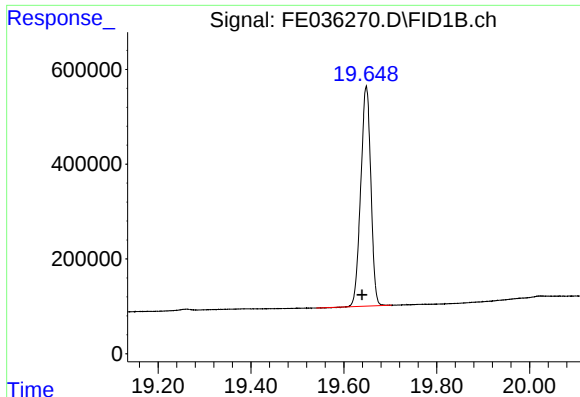
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: 0.006 min
Response: 7307103
Conc: 47.20 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: 0.009 min
Response: 7371693
Conc: 50.44 ug/ml m



#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: 0.009 min
Response: 6988850
Conc: 50.50 ug/ml

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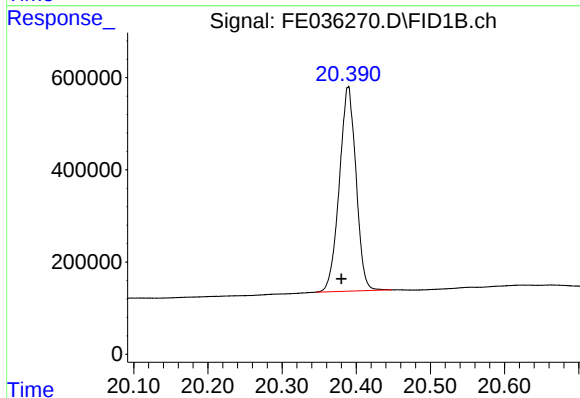
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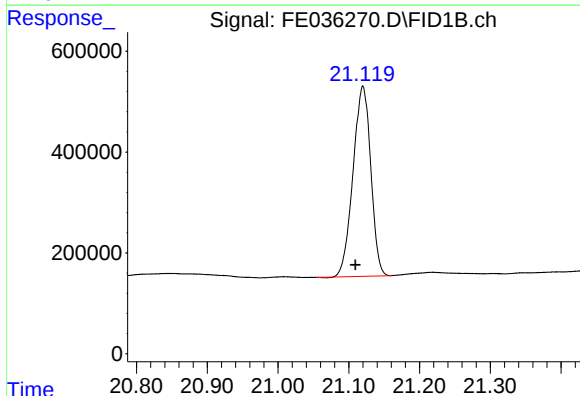
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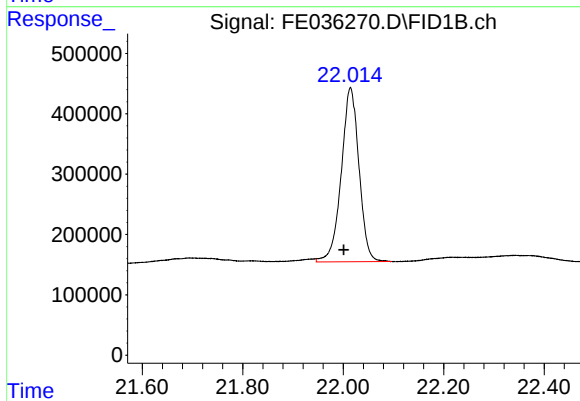
#20 n-Hexatriacontane (C36)

R.T.: 20.390 min
Delta R.T.: 0.010 min
Response: 6938726
Conc: 51.69 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: 0.011 min
Response: 6574289
Conc: 49.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: 0.013 min
Response: 7065054
Conc: 50.53 ug/ml m