

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050223AL\
 Data File : FE041679.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2023 18:34
 Operator : YP\AJ
 Sample : 02568-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11938MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2023
 Supervised By :Ankita Jodhani 05/03/2023

Integration File: autoint1.e
 Quant Time: May 03 02:51:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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			
9) S ortho-Terphenyl (SURR)	11.983	5021262	26.765 ug/ml
Spiked Amount 50.000		Recovery =	53.53%
12) S 1-chlorooctadecane (S...	13.419	4006093	28.358 ug/ml
Spiked Amount 50.000		Recovery =	56.72%
Target Compounds			
1) T n-Nonane (C9)	3.358	4073419	27.711 ug/ml
2) T n-Decane (C10)	4.612	4687367	31.253 ug/ml
3) T A~Naphthalene (C11.7)	6.317	5595037	33.809 ug/ml
4) T n-Dodecane (C12)	6.779	5347753	35.172 ug/ml
5) T A~2-methylnaphthalene...	7.416	5635241	34.948 ug/ml
6) T n-Tetradecane (C14)	8.611	5747872	37.839 ug/ml
7) T n-Hexadecane (C16)	10.219	6240653	39.106 ug/ml
8) T n-Octadecane (C18)	11.664	6496416	39.633 ug/ml
10) T n-Eicosane (C20)	12.975	6344598	39.445 ug/ml
11) T n-Heneicosane (C21)	13.588	6207442	38.950 ug/ml
13) T n-Docosane (C22)	14.174	6122765	38.428 ug/ml
14) T n-Tetracosane (C24)	15.269	11417769	70.821 ug/ml
15) T n-Hexacosane (C26)	16.302	5720193	36.182 ug/ml
16) T n-Octacosane (C28)	17.252	5638782	36.646 ug/ml
17) T n-Tricontane (C30)	18.140	5444501	35.748 ug/ml
18) T n-Dotriacontane (C32)	18.972	5322007	35.723 ug/ml
19) T n-Tetratriacontane (C34)	19.756	5178263	36.757 ug/ml
20) T n-Hexatriacontane (C36)	20.496	4881267	36.501 ug/mlm
21) T n-Octatriacontane (C38)	21.253	4955592	37.504 ug/ml
22) T n-Tetracontane (C40)	22.199	5143038	40.621 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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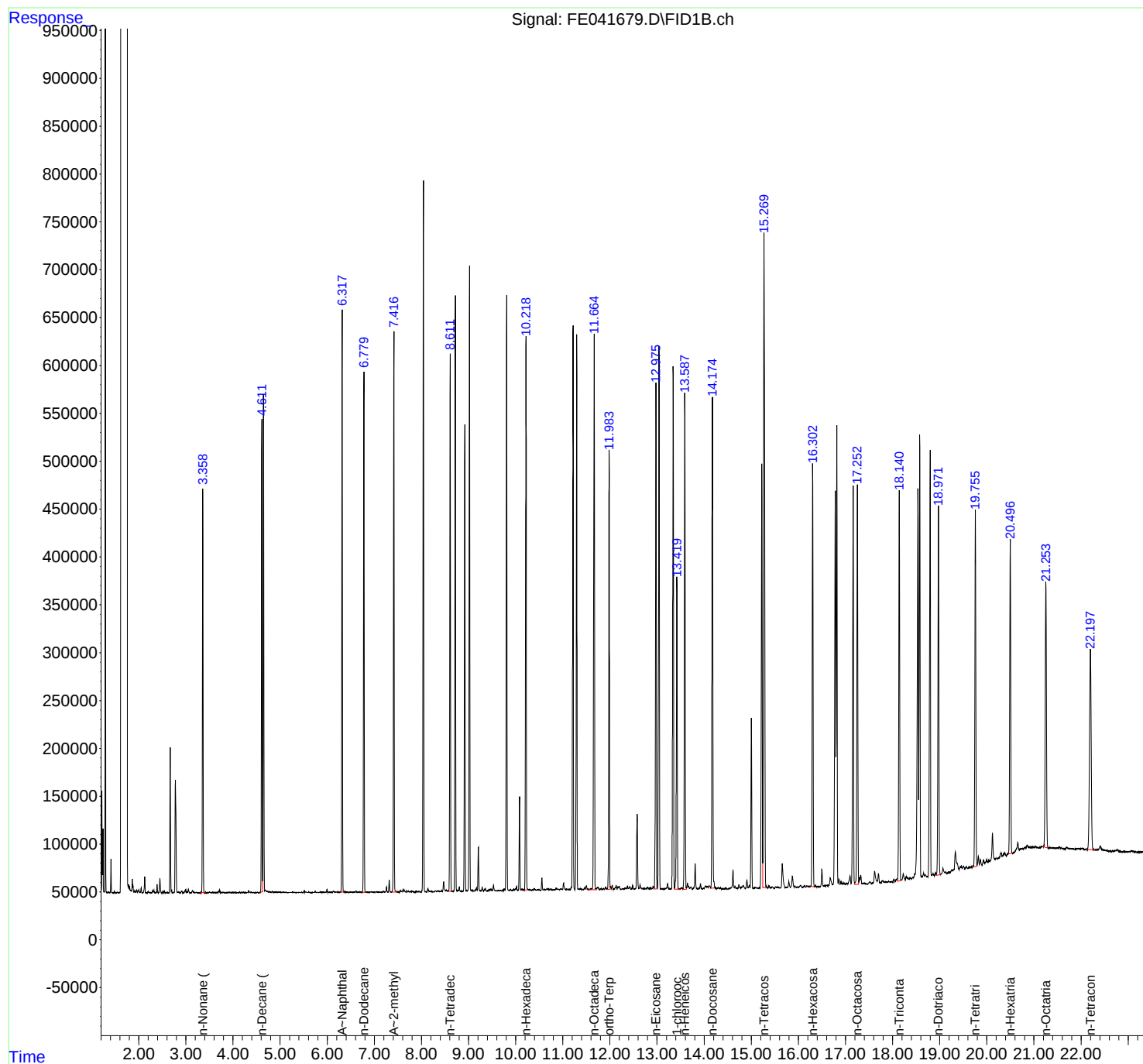
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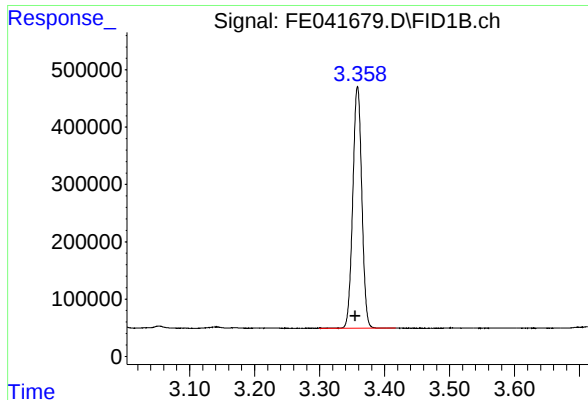
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#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: 0.003 min
Response: 4073419
Conc: 27.71 ug/ml

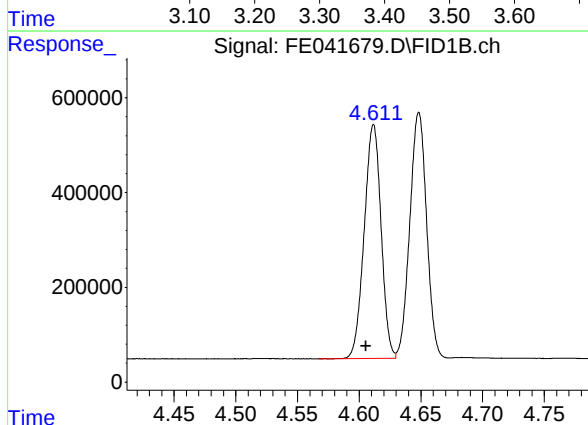
Instrument :

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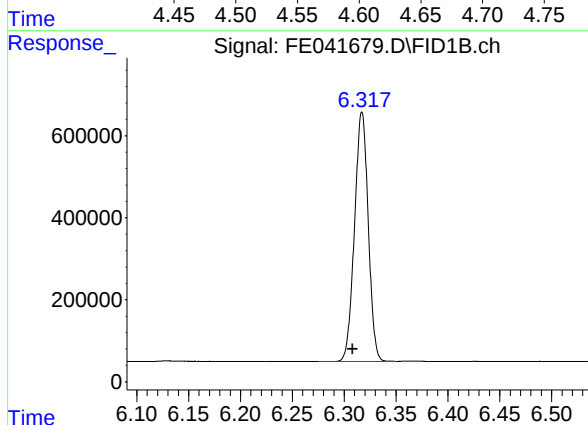
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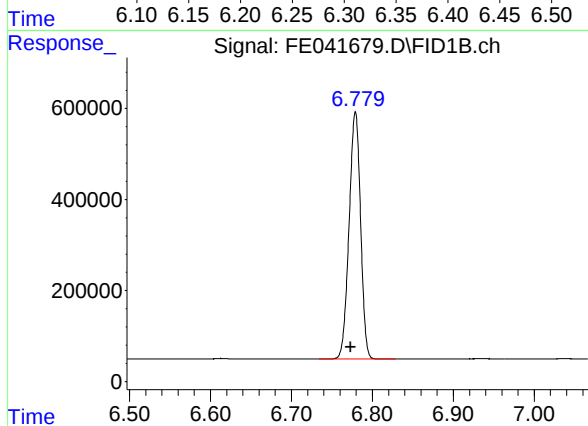
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: 0.006 min
Response: 4687367
Conc: 31.25 ug/ml



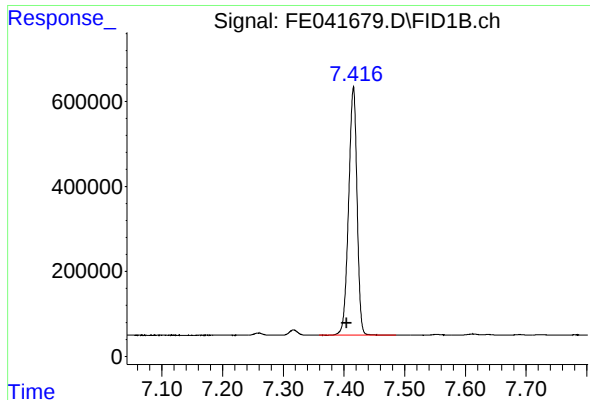
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.009 min
Response: 5595037
Conc: 33.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.779 min
Delta R.T.: 0.006 min
Response: 5347753
Conc: 35.17 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.416 min
Delta R.T.: 0.011 min
Response: 5635241
Conc: 34.95 ug/ml

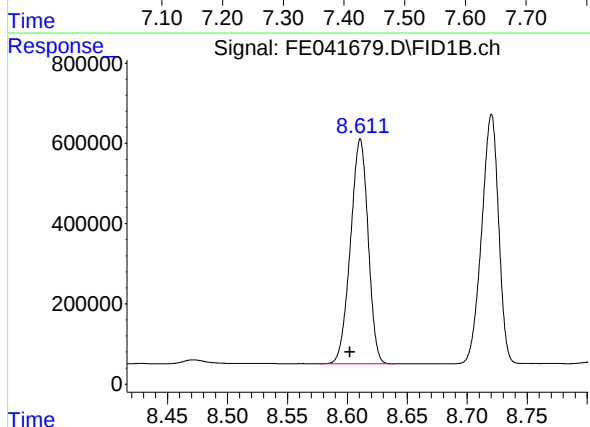
Instrument :

FID_E

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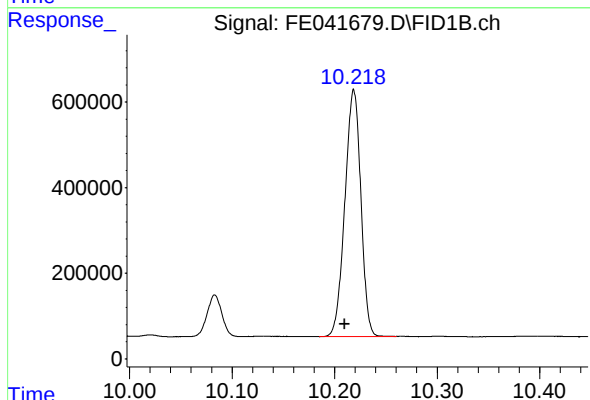
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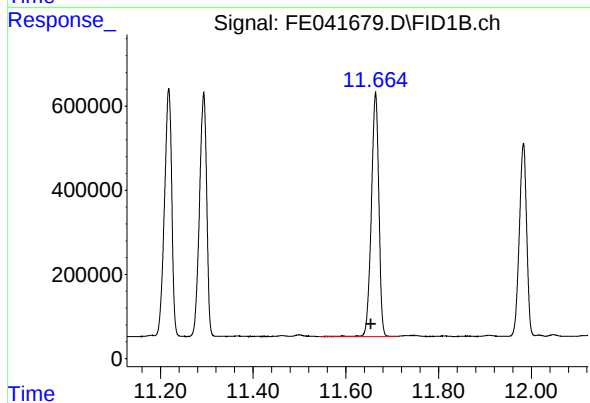
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.009 min
Response: 5747872
Conc: 37.84 ug/ml



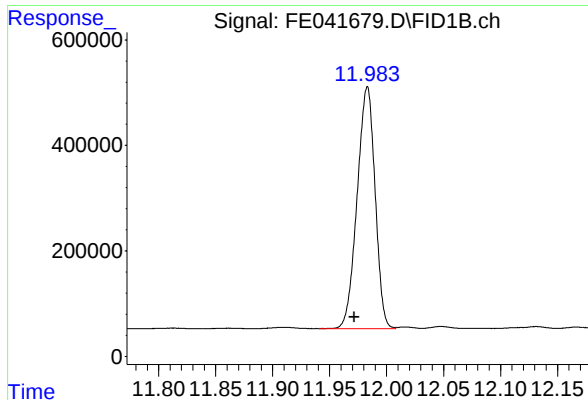
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.009 min
Response: 6240653
Conc: 39.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.664 min
Delta R.T.: 0.010 min
Response: 6496416
Conc: 39.63 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.012 min
Response: 5021262
Conc: 26.76 ug/ml

Instrument :

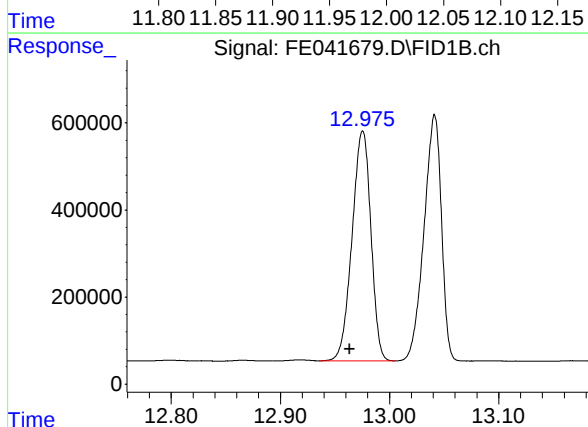
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ClientSampleId :

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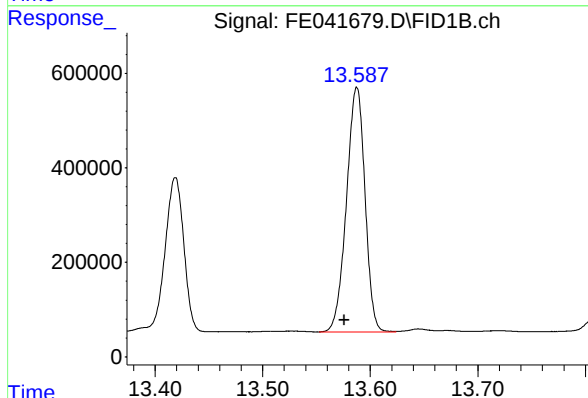
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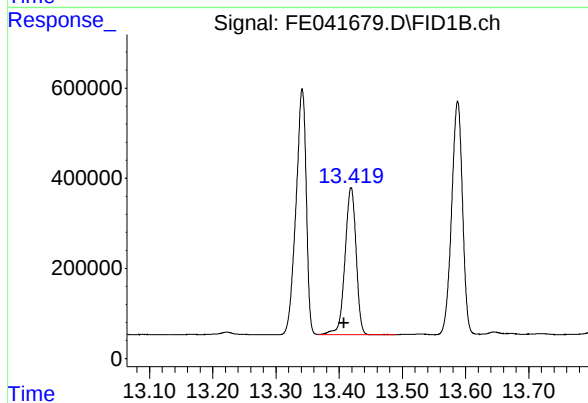
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.012 min
Response: 6344598
Conc: 39.45 ug/ml



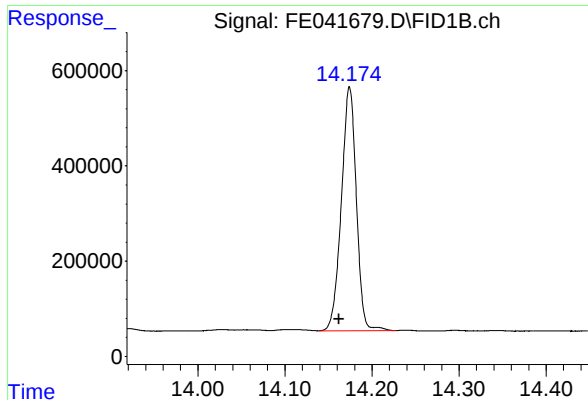
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.012 min
Response: 6207442
Conc: 38.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.419 min
Delta R.T.: 0.011 min
Response: 4006093
Conc: 28.36 ug/ml



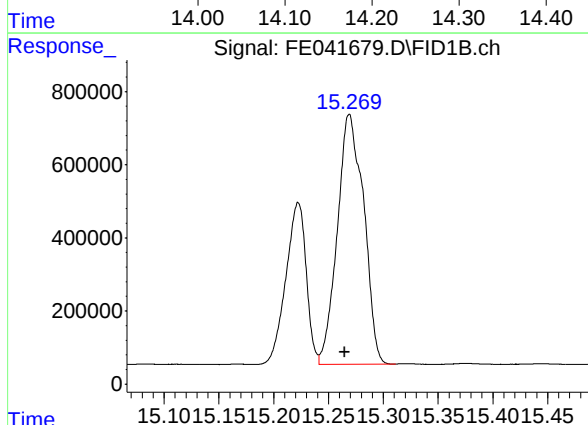
#13 n-Docosane (C22)

R.T.: 14.174 min
Delta R.T.: 0.012 min
Response: 6122765
Conc: 38.43 ug/ml

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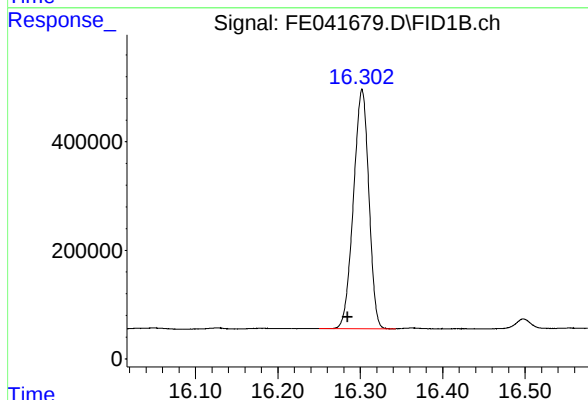
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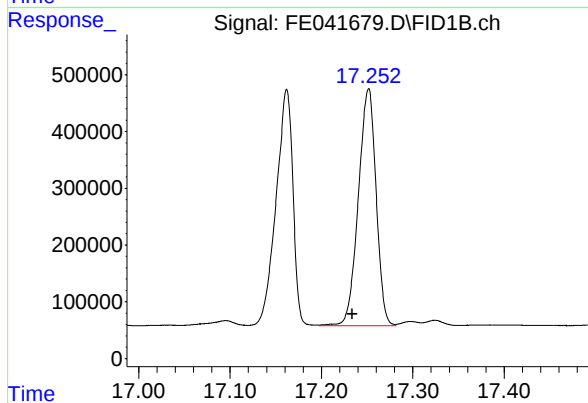
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.004 min
Response: 11417769
Conc: 70.82 ug/ml



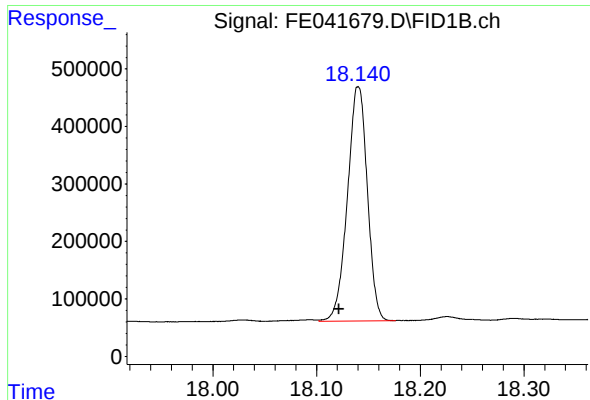
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.018 min
Response: 5720193
Conc: 36.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.252 min
Delta R.T.: 0.018 min
Response: 5638782
Conc: 36.65 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: 0.019 min
Response: 5444501
Conc: 35.75 ug/ml

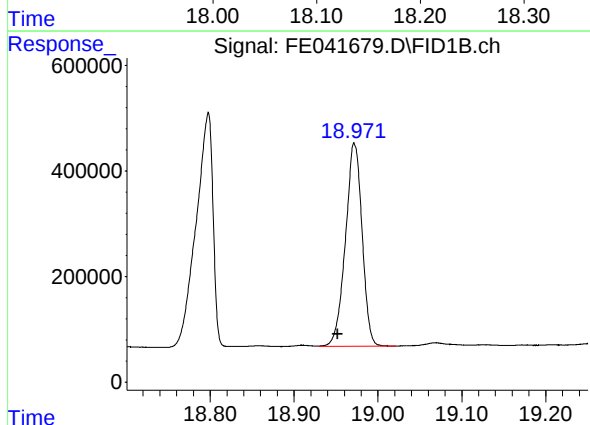
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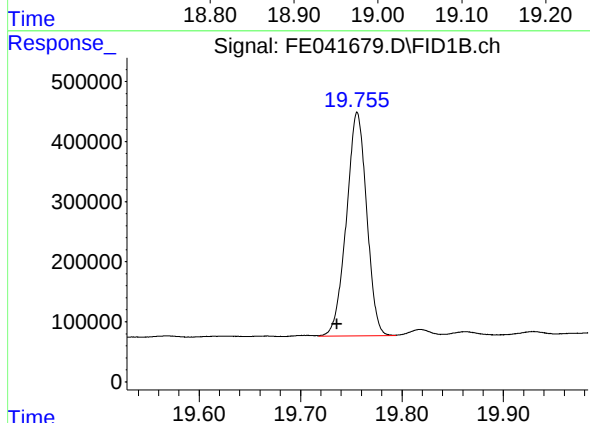
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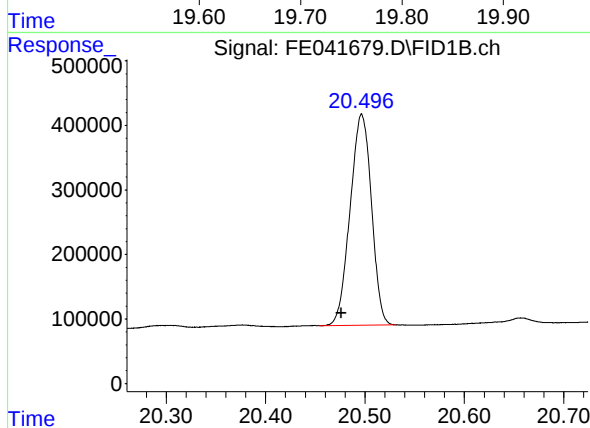
#18 n-Dotriacontane (C32)

R.T.: 18.972 min
Delta R.T.: 0.020 min
Response: 5322007
Conc: 35.72 ug/ml



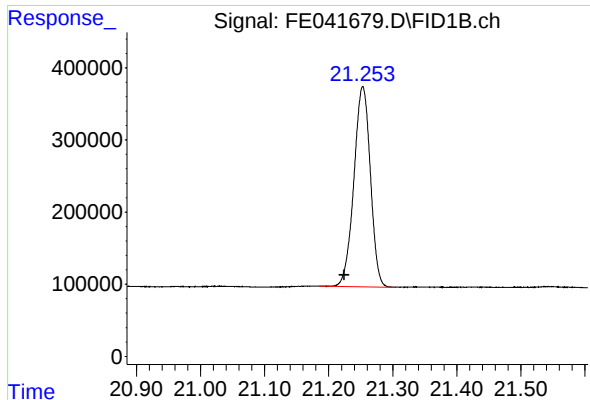
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: 0.020 min
Response: 5178263
Conc: 36.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.496 min
Delta R.T.: 0.020 min
Response: 4881267
Conc: 36.50 ug/ml m



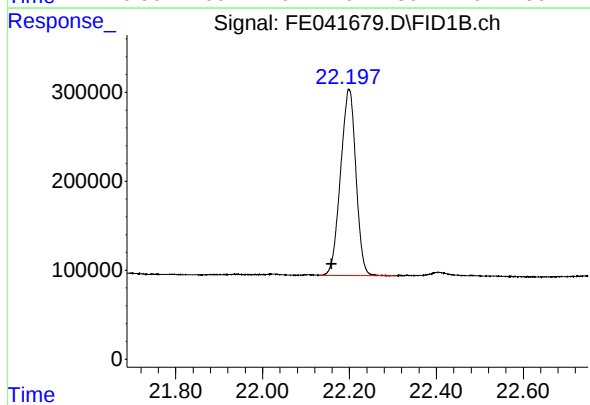
#21 n-Octatriacontane (C38)

R.T.: 21.253 min
Delta R.T.: 0.028 min
Response: 4955592
Conc: 37.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.199 min
Delta R.T.: 0.040 min
Response: 5143038
Conc: 40.62 ug/ml