

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
 Data File : FE048255.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2024 22:37
 Operator : YP\AJ
 Sample : PB160972BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160972BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/20/2024
 Supervised By :Ankita Jodhani 05/20/2024

Integration File: autoint1.e
 Quant Time: May 18 00:00:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.963	5785636	40.104 ug/ml
Spiked Amount 50.000		Recovery =	80.21%
12) S 1-chlorooctadecane (S...	13.395	4839416	43.309 ug/ml
Spiked Amount 50.000		Recovery =	86.62%
Target Compounds			
1) T n-Nonane (C9)	3.357	5341364	41.445 ug/ml
2) T n-Decane (C10)	4.601	5711406	43.382 ug/ml
3) T A~Naphthalene (C11.7)	6.304	6133568	44.420 ug/ml
4) T n-Dodecane (C12)	6.762	5586149	41.903 ug/ml
5) T A~2-methylnaphthalene...	7.400	6077880	45.673 ug/ml
6) T n-Tetradecane (C14)	8.592	5666059	42.756 ug/ml
7) T n-Hexadecane (C16)	10.198	5602969	40.739 ug/ml
8) T n-Octadecane (C18)	11.641	5485236	39.378 ug/ml
10) T n-Eicosane (C20)	12.950	5444092	40.433 ug/ml
11) T n-Heneicosane (C21)	13.561	5261777	39.749 ug/ml
13) T n-Docosane (C22)	14.148	5223775	39.419 ug/ml
14) T n-Tetracosane (C24)	15.245	9628125	72.309 ug/ml
15) T n-Hexacosane (C26)	16.271	5239942	39.267 ug/ml
16) T n-Octacosane (C28)	17.219	5406026	40.602 ug/ml
17) T n-Tricontane (C30)	18.106	5370838	38.915 ug/ml
18) T n-Dotriacontane (C32)	18.937	5445105	39.421 ug/ml
19) T n-Tetratriacontane (C34)	19.719	5549679	40.740 ug/mlm
20) T n-Hexatriacontane (C36)	20.459	5424695	40.064 ug/mlm
21) T n-Octatriacontane (C38)	21.200	5335732	38.646 ug/ml
22) T n-Tetracontane (C40)	22.121	5182299	37.197 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 28 Sample Multiplier: 1

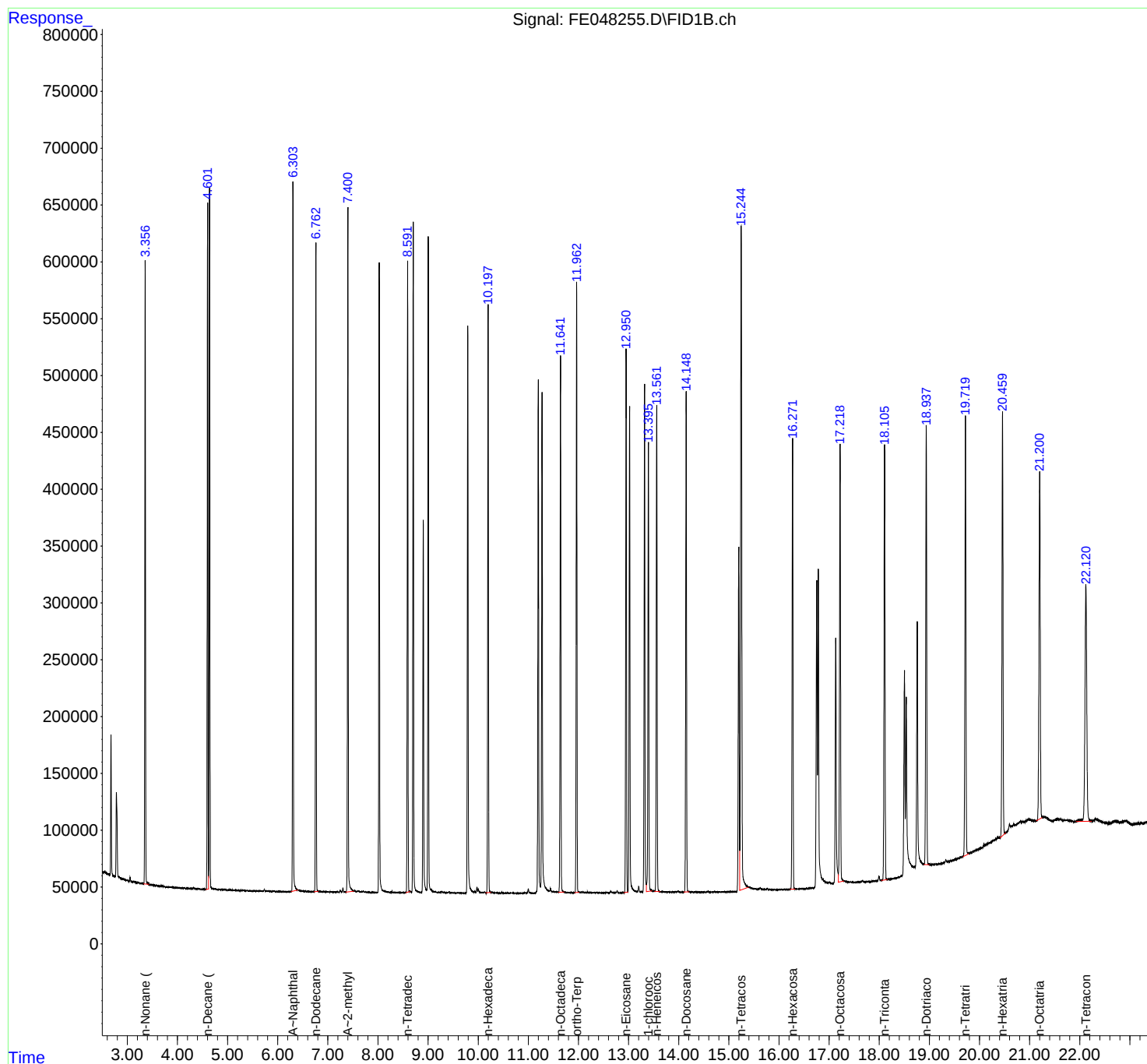
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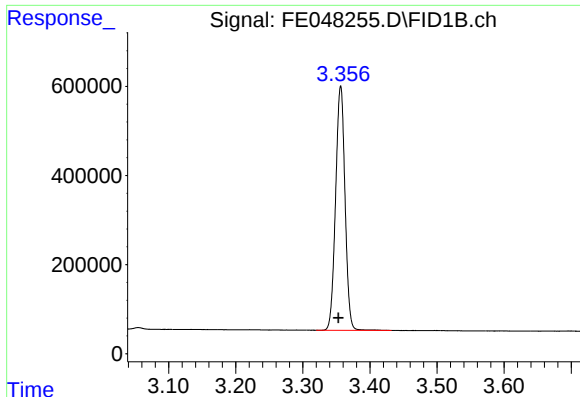
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#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: 0.004 min
Response: 5341364
Conc: 41.44 ug/ml

Instrument :

FID_E

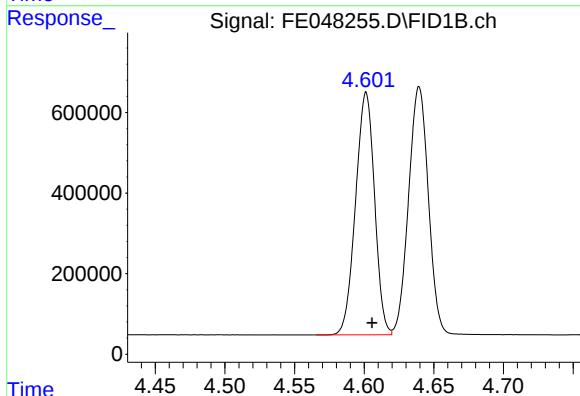
ClientSampleId :

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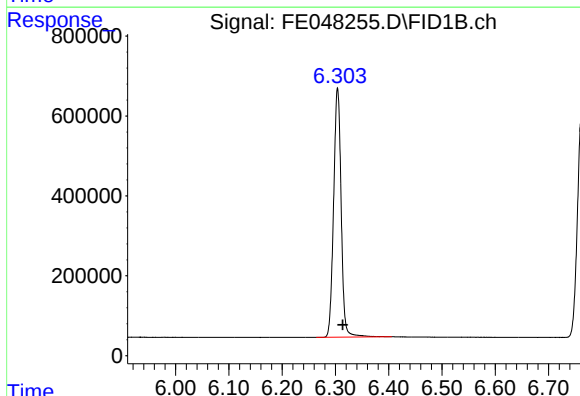
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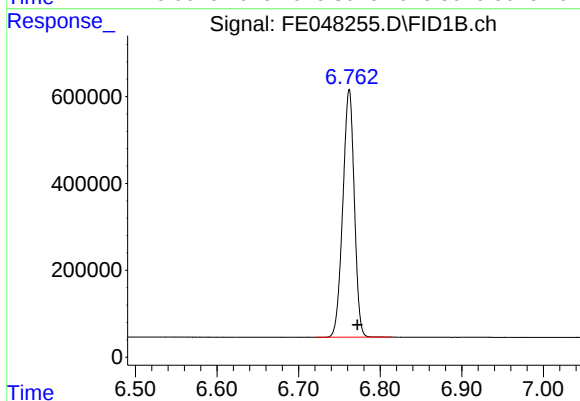
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 5711406
Conc: 43.38 ug/ml



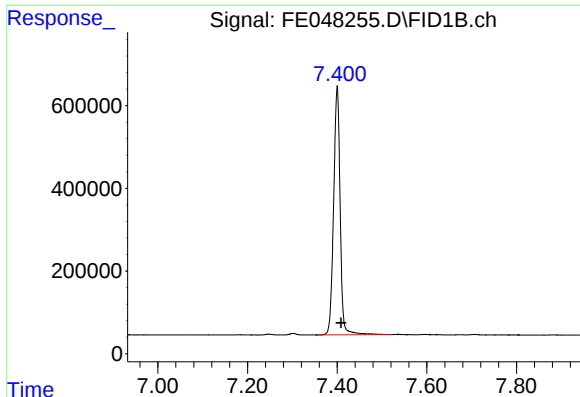
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: -0.010 min
Response: 6133568
Conc: 44.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 5586149
Conc: 41.90 ug/ml



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

R.T.: 7.400 min
Delta R.T.: -0.009 min
Response: 6077880
Conc: 45.67 ug/ml

Instrument :

FID_E

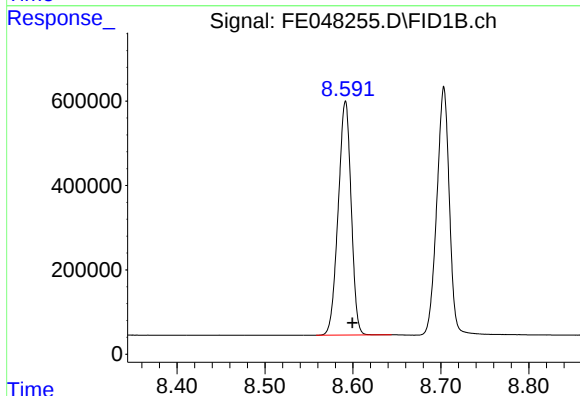
ClientSampleId :

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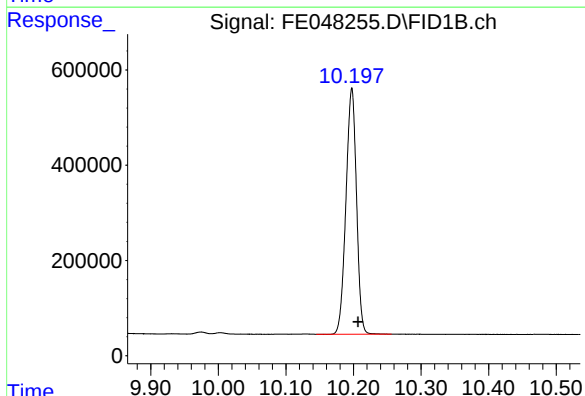
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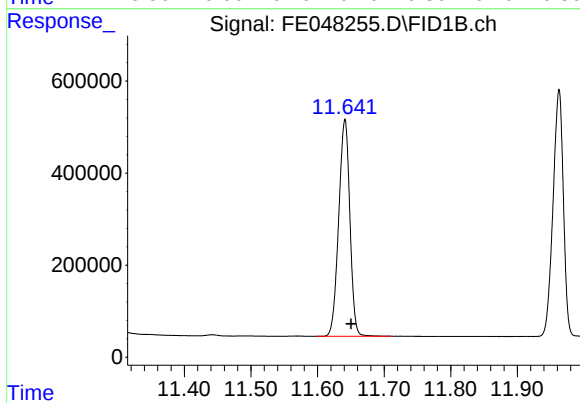
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: -0.008 min
Response: 5666059
Conc: 42.76 ug/ml



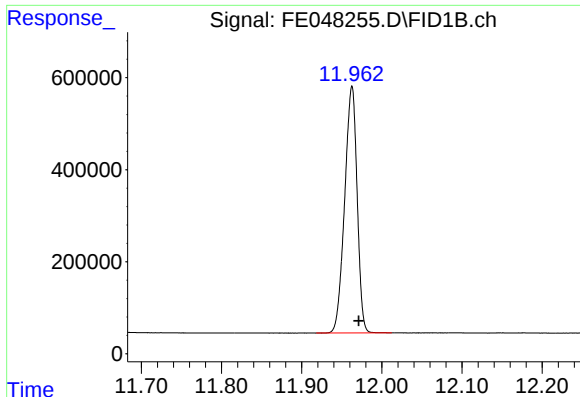
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.009 min
Response: 5602969
Conc: 40.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.641 min
Delta R.T.: -0.009 min
Response: 5485236
Conc: 39.38 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.963 min
Delta R.T.: -0.008 min
Response: 5785636
Conc: 40.10 ug/ml

Instrument :

FID_E

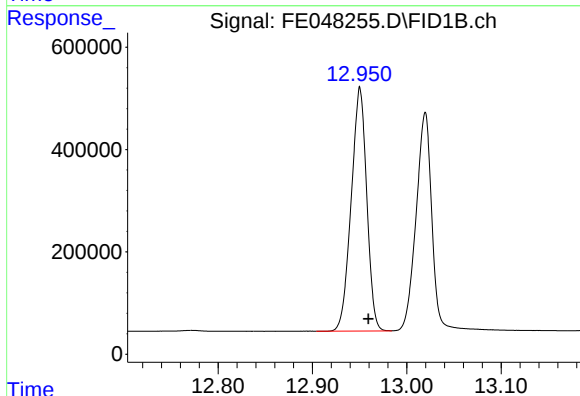
ClientSampleId :

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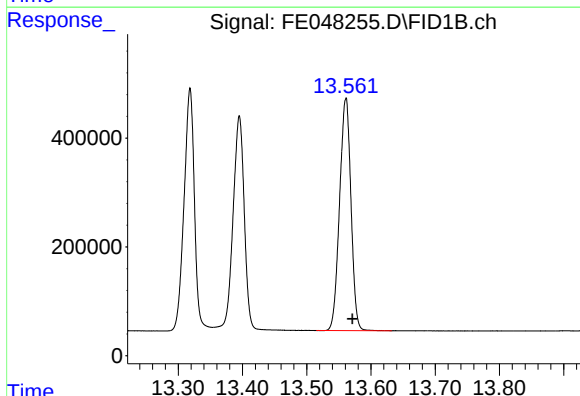
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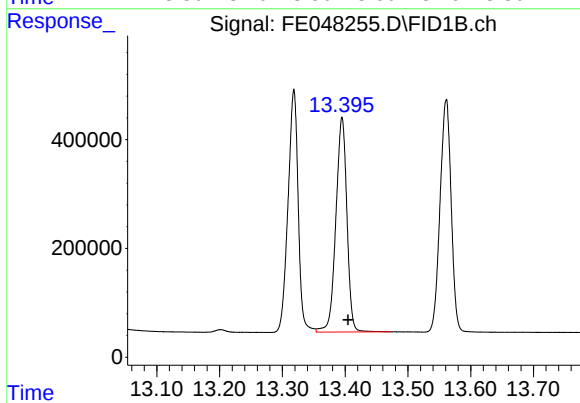
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.009 min
Response: 5444092
Conc: 40.43 ug/ml



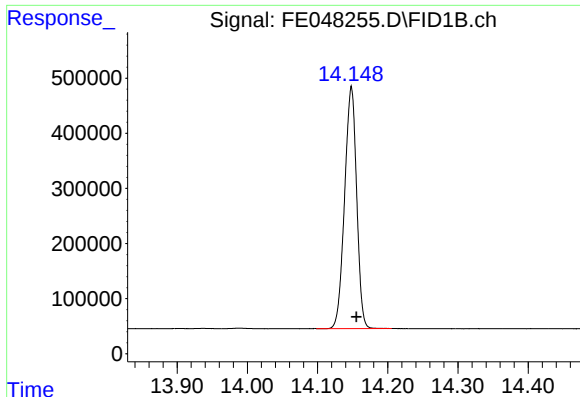
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.010 min
Response: 5261777
Conc: 39.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.010 min
Response: 4839416
Conc: 43.31 ug/ml



#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.007 min
Response: 5223775
Conc: 39.42 ug/ml

Instrument :

FID_E

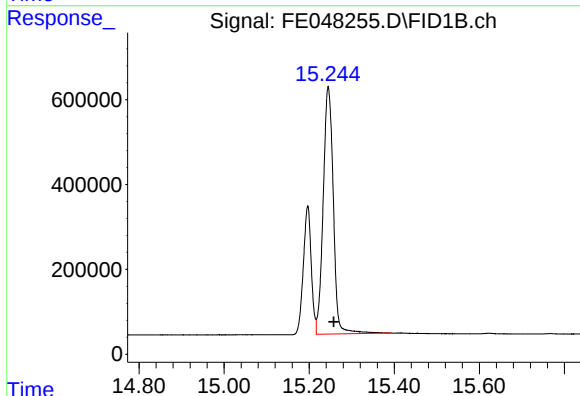
ClientSampleId :

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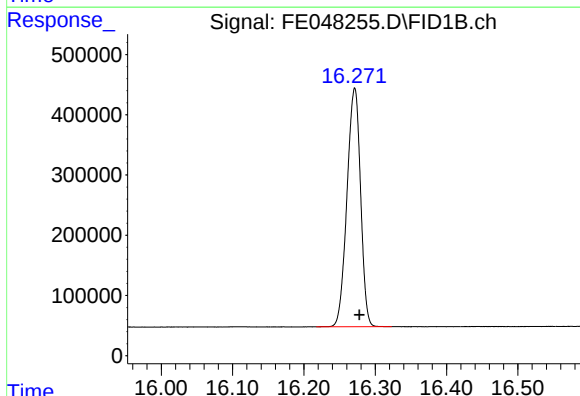
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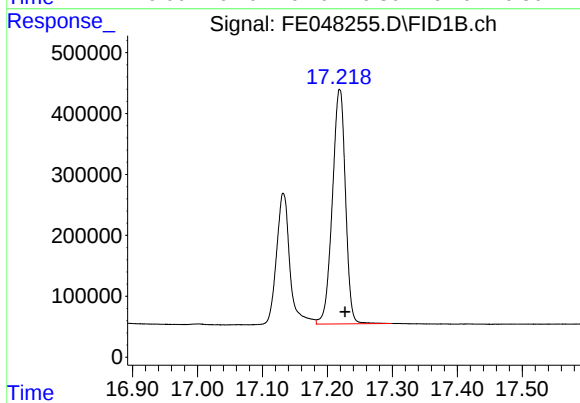
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.013 min
Response: 9628125
Conc: 72.31 ug/ml



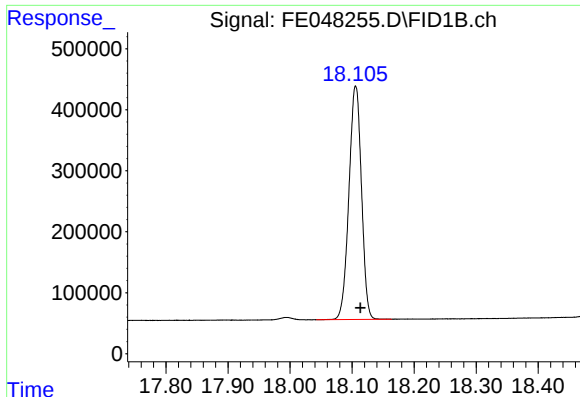
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.007 min
Response: 5239942
Conc: 39.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: -0.008 min
Response: 5406026
Conc: 40.60 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.106 min
Delta R.T.: -0.008 min
Response: 5370838
Conc: 38.92 ug/ml

Instrument :

FID_E

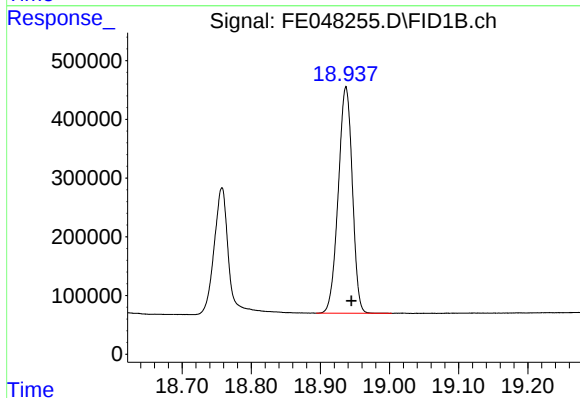
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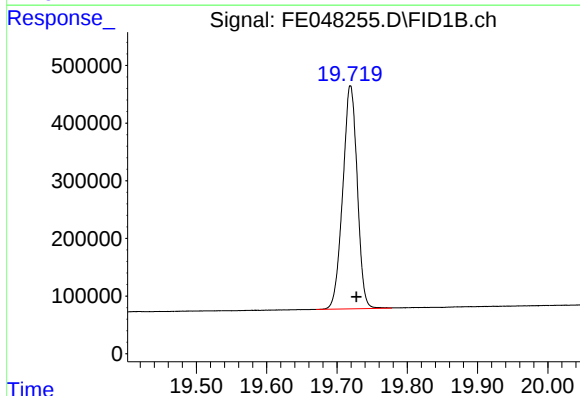
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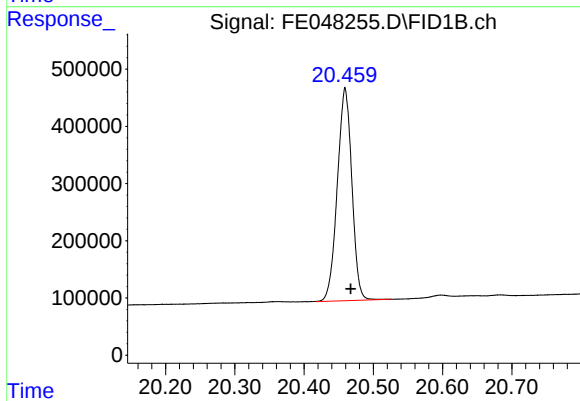
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.008 min
Response: 5445105
Conc: 39.42 ug/ml



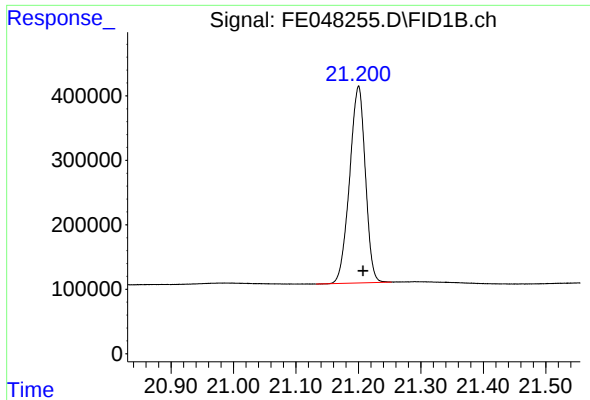
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.009 min
Response: 5549679
Conc: 40.74 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: -0.009 min
Response: 5424695
Conc: 40.06 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.007 min
Response: 5335732
Conc: 38.65 ug/ml

Instrument :

FID_E

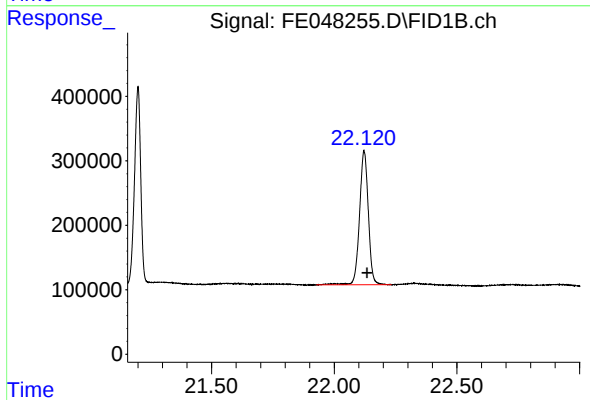
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#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.013 min
Response: 5182299
Conc: 37.20 ug/ml