

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112724AL\
 Data File : FE051482.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2024 13:53
 Operator : YP\AJ
 Sample : PB165295BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB165295BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: sample.E
 Quant Time: Nov 28 03:04:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 07 04:56:04 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)	11.833	5837355	38.891 ug/ml
Spiked Amount 50.000		Recovery =	77.78%
12) S 1-chlorooctadecane (S...	13.264	5267177	46.394 ug/ml
Spiked Amount 50.000		Recovery =	92.79%
Target Compounds			
1) T n-Nonane (C9)	3.233	5516271	39.866 ug/ml
2) T n-Decane (C10)	4.477	5630405	40.166 ug/ml
3) T A~Naphthalene (C11.7)	6.186	6051124	45.894 ug/ml
4) T n-Dodecane (C12)	6.639	5833979	41.318 ug/ml
5) T A~2-methylnaphthalene...	7.280	5338907	42.679 ug/ml
6) T n-Tetradecane (C14)	8.466	5843720	41.932 ug/ml
7) T n-Hexadecane (C16)	10.070	5750293	40.521 ug/ml
8) T n-Octadecane (C18)	11.511	5878121	41.162 ug/ml
10) T n-Eicosane (C20)	12.819	5817507	42.509 ug/ml
11) T n-Heneicosane (C21)	13.430	5652919	42.298 ug/ml
13) T n-Docosane (C22)	14.015	5532758	41.615 ug/ml
14) T n-Tetracosane (C24)	15.117	10506655	79.201 ug/mlm
15) T n-Hexacosane (C26)	16.136	5371837	40.127 ug/ml
16) T n-Octacosane (C28)	17.082	6550057	48.046 ug/mlm
17) T n-Tricontane (C30)	17.971	5334605	36.718 ug/ml
18) T n-Dotriacontane (C32)	18.801	5966273	40.182 ug/ml
19) T n-Tetratriacontane (C34)	19.584	5096480	37.930 ug/mlm
20) T n-Hexatriacontane (C36)	20.323	4777605	40.041 ug/mlm
21) T n-Octatriacontane (C38)	21.043	4635957	40.732 ug/mlm
22) T n-Tetracontane (C40)	21.917	4636916	41.691 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB165295BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

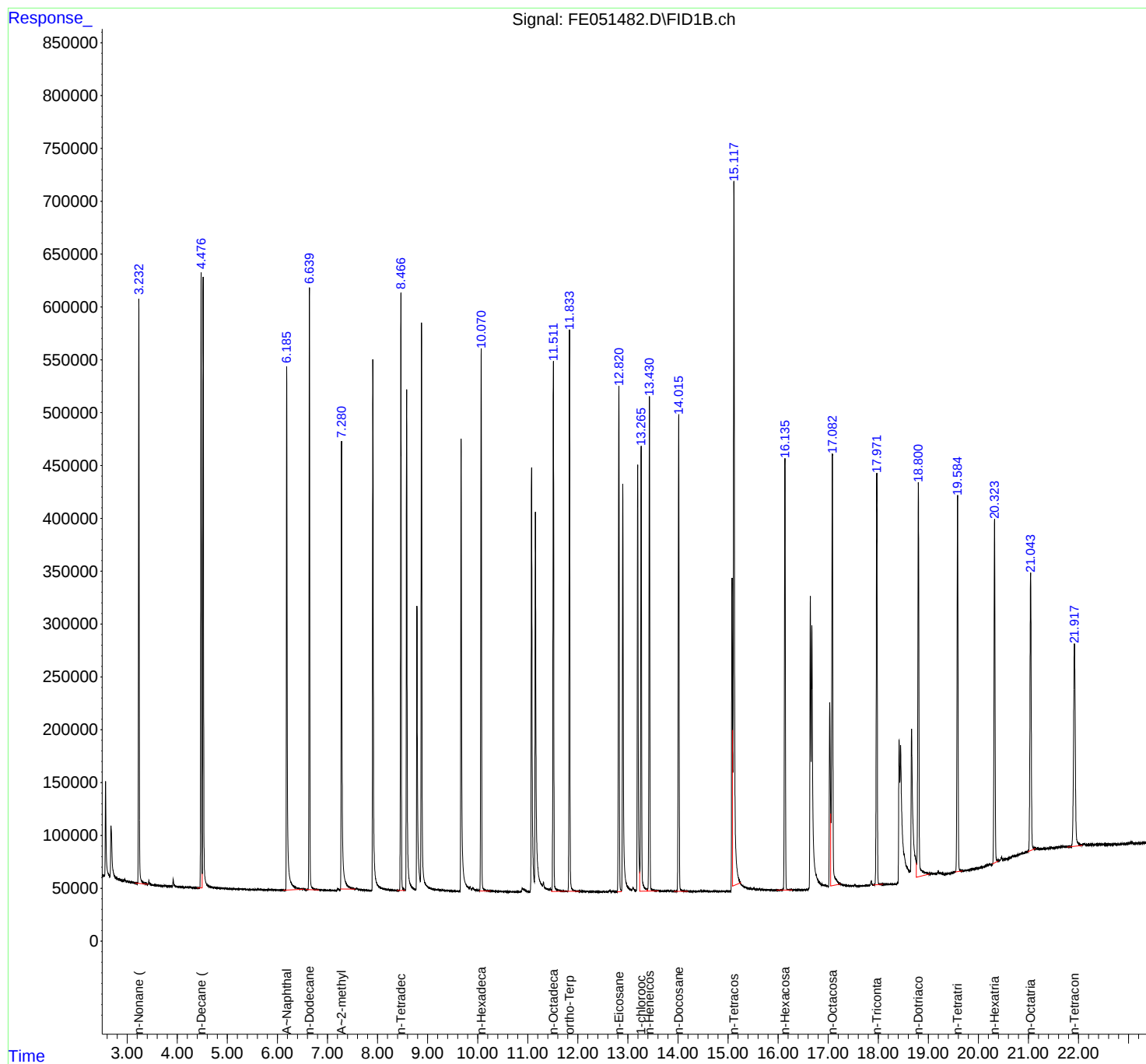
Instrument :
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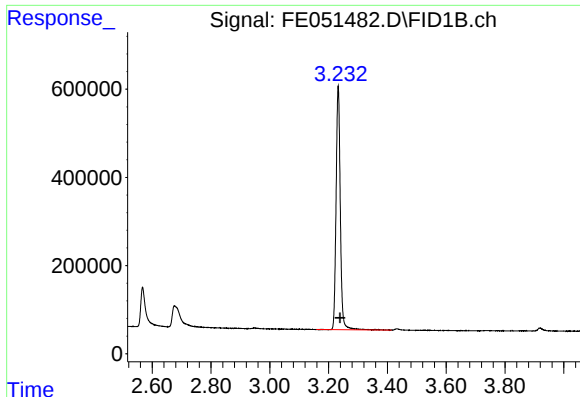
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.006 min
Response: 5516271
Conc: 39.87 ug/ml

Instrument :

FID_E

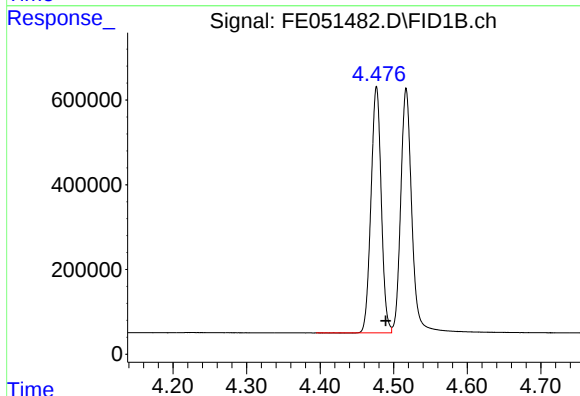
ClientSampleId :

PB165295BS

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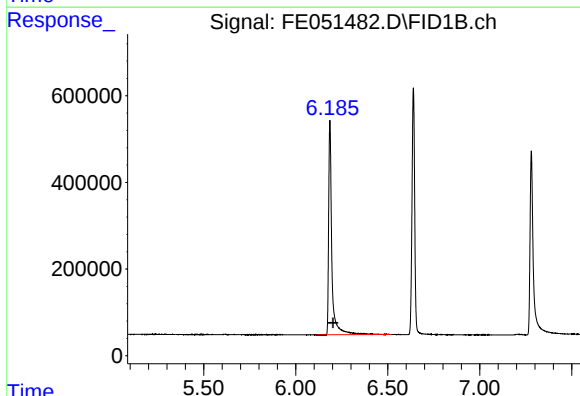
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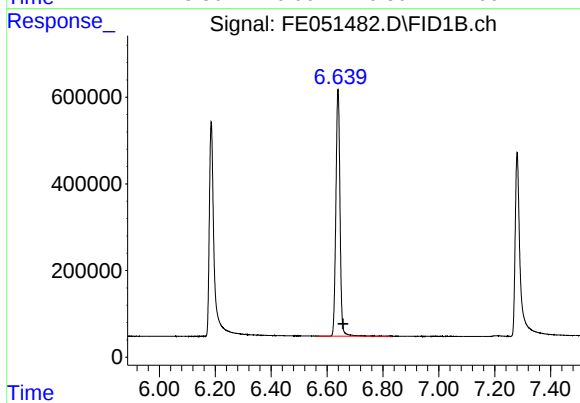
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.013 min
Response: 5630405
Conc: 40.17 ug/ml



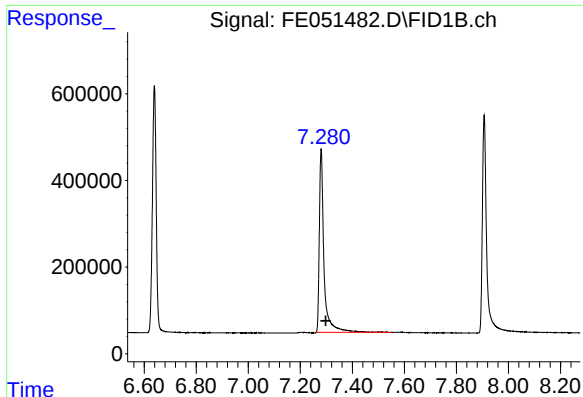
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.016 min
Response: 6051124
Conc: 45.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.639 min
Delta R.T.: -0.018 min
Response: 5833979
Conc: 41.32 ug/ml



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

R.T.: 7.280 min
Delta R.T.: -0.018 min
Response: 5338907
Conc: 42.68 ug/ml

Instrument :

FID_E

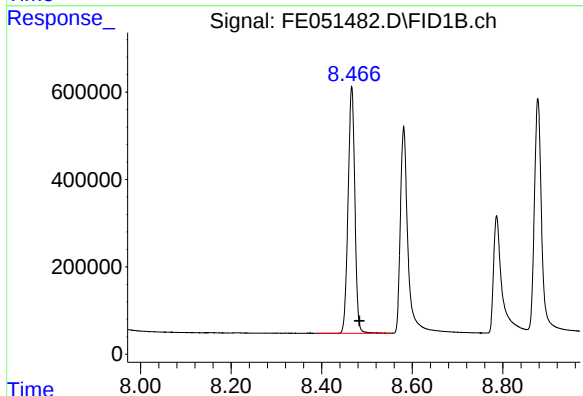
ClientSampleId :

PB165295BS

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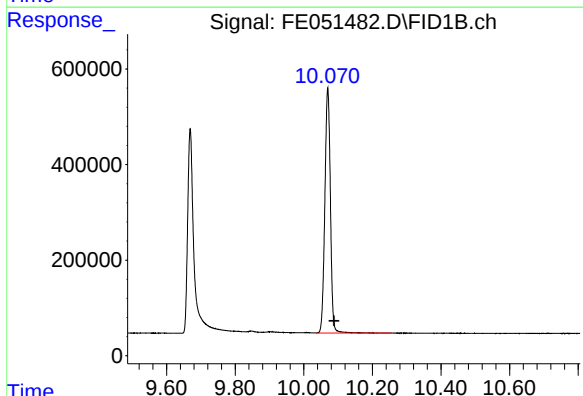
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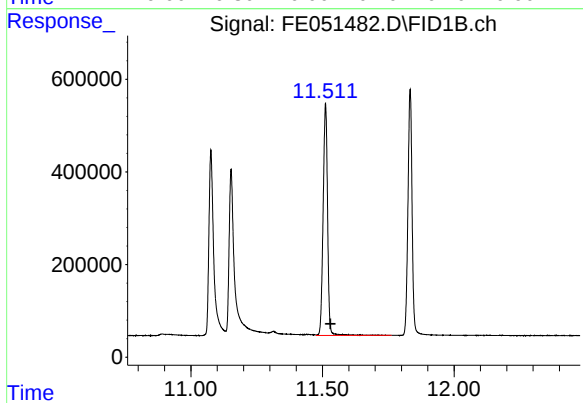
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.017 min
Response: 5843720
Conc: 41.93 ug/ml



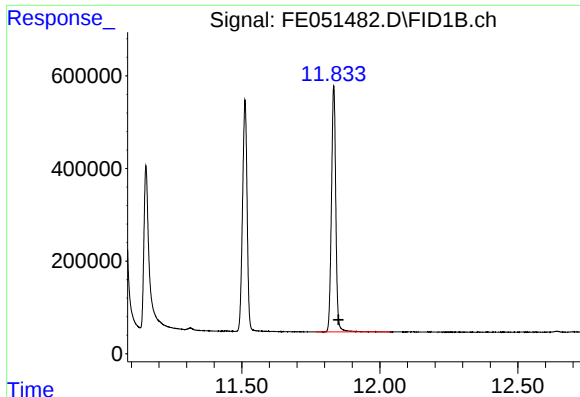
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.019 min
Response: 5750293
Conc: 40.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: -0.019 min
Response: 5878121
Conc: 41.16 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.018 min
Response: 5837355
Conc: 38.89 ug/ml

Instrument :

FID_E

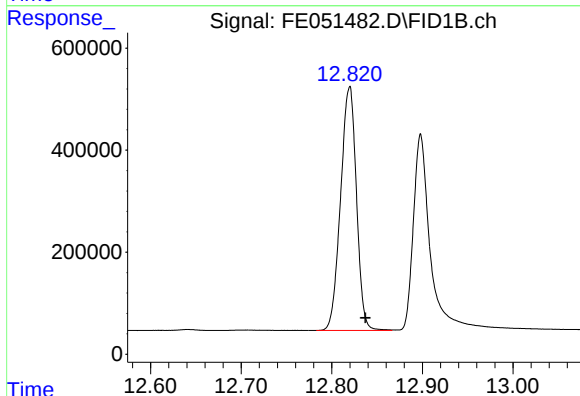
ClientSampleId :

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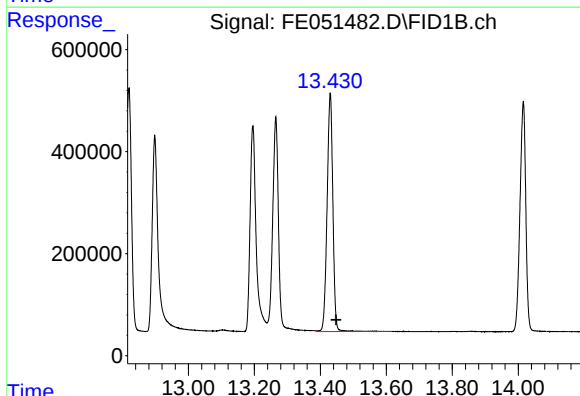
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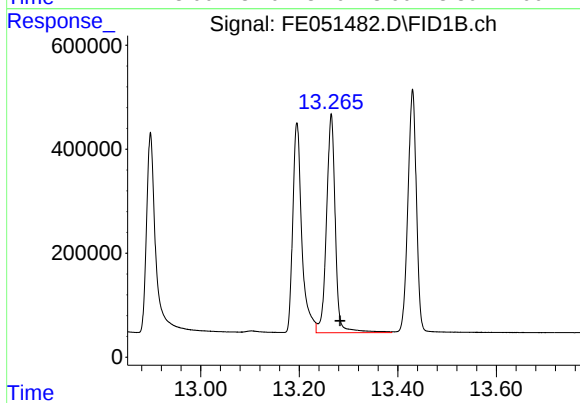
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: -0.018 min
Response: 5817507
Conc: 42.51 ug/ml



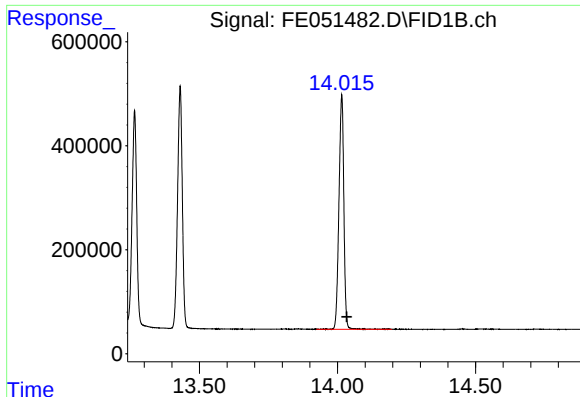
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: -0.018 min
Response: 5652919
Conc: 42.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: -0.019 min
Response: 5267177
Conc: 46.39 ug/ml



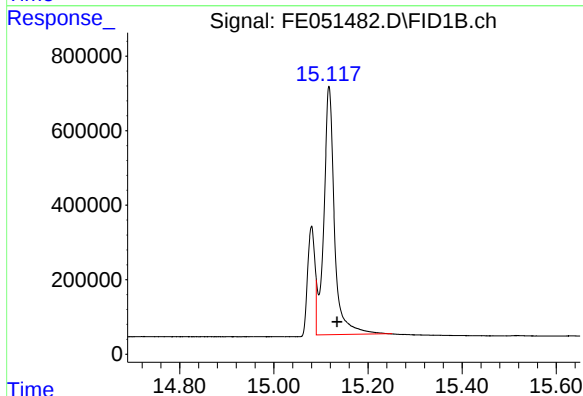
#13 n-Docosane (C22)

R.T.: 14.015 min
Delta R.T.: -0.019 min
Response: 5532758
Conc: 41.62 ug/ml

Instrument :
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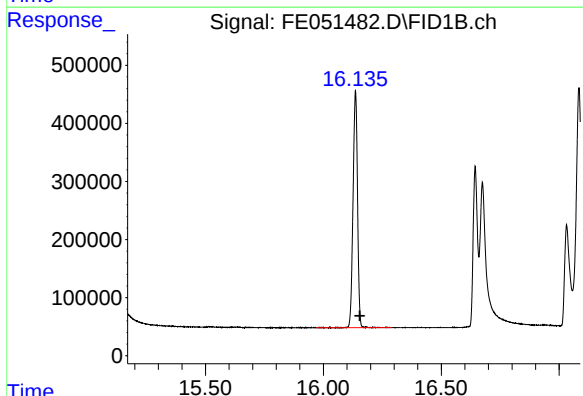
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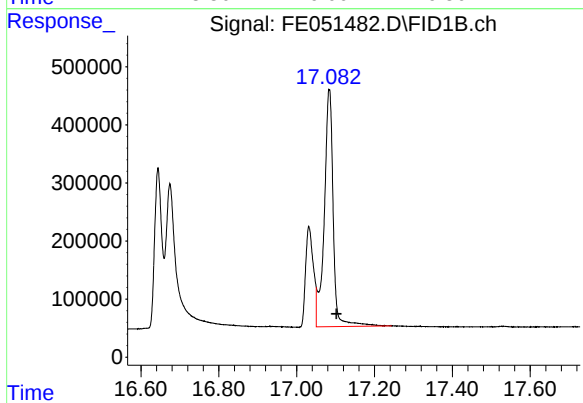
#14 n-Tetracosane (C24)

R.T.: 15.117 min
Delta R.T.: -0.017 min
Response: 10506655
Conc: 79.20 ug/ml m



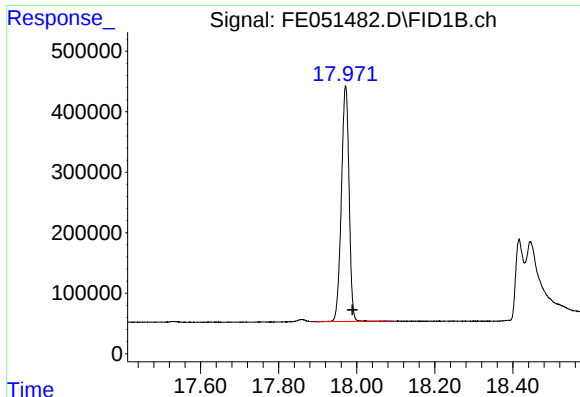
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.018 min
Response: 5371837
Conc: 40.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.082 min
Delta R.T.: -0.020 min
Response: 6550057
Conc: 48.05 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.971 min
Delta R.T.: -0.018 min
Response: 5334605
Conc: 36.72 ug/ml

Instrument :

FID_E

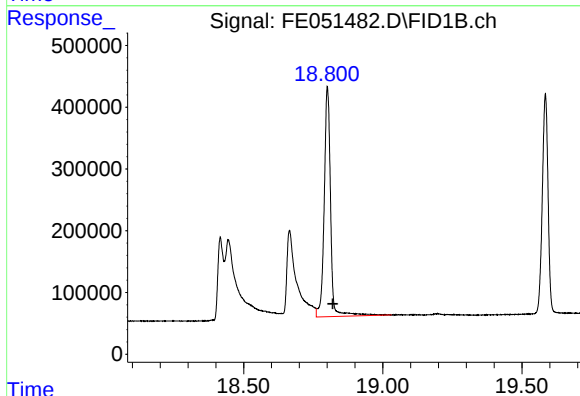
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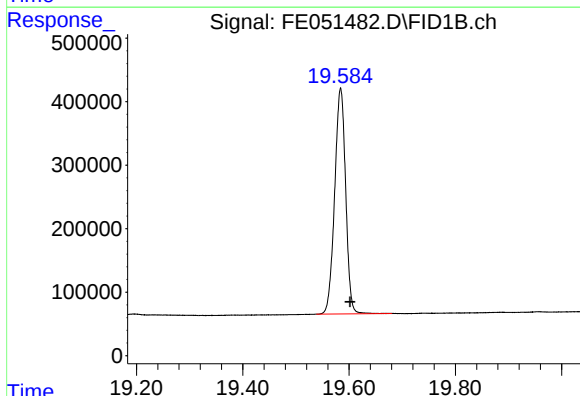
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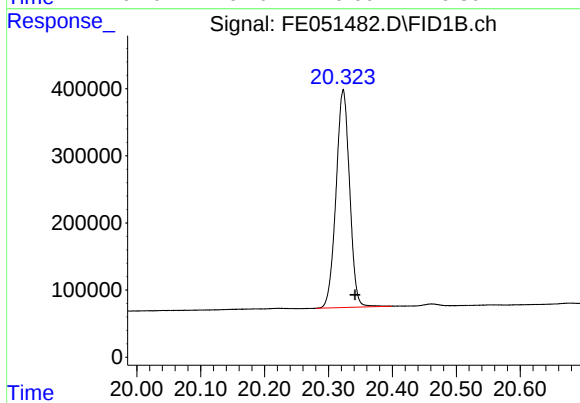
#18 n-Dotriacontane (C32)

R.T.: 18.801 min
Delta R.T.: -0.019 min
Response: 5966273
Conc: 40.18 ug/ml



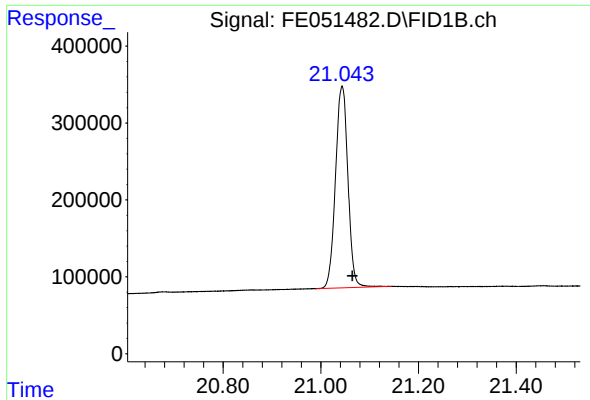
#19 n-Tetratriacontane (C34)

R.T.: 19.584 min
Delta R.T.: -0.018 min
Response: 5096480
Conc: 37.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.323 min
Delta R.T.: -0.019 min
Response: 4777605
Conc: 40.04 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.043 min
Delta R.T.: -0.022 min
Response: 4635957
Conc: 40.73 ug/ml

Instrument :

FID_E

ClientSampleId :

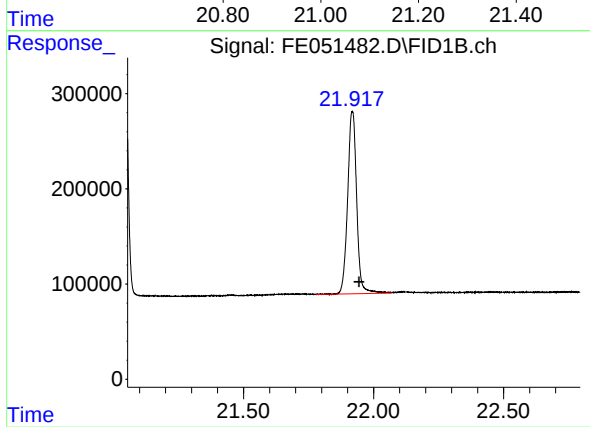
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#22 n-Tetracontane (C40)

R.T.: 21.917 min
Delta R.T.: -0.028 min
Response: 4636916
Conc: 41.69 ug/ml m