

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FE045870.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 19:33
 Operator : YP\AJ
 Sample : 05833-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 351MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File: autoint1.e
 Quant Time: Dec 15 22:37:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.840	7022544	33.582 ug/ml
Spiked Amount 50.000		Recovery =	67.16%
12) S 1-chlorooctadecane (S...	13.282	5489322	34.887 ug/ml
Spiked Amount 50.000		Recovery =	69.77%
Target Compounds			
1) T n-Nonane (C9)	3.231	4784994	30.175 ug/ml
2) T n-Decane (C10)	4.481	5498981	34.340 ug/mlm
3) T A~Naphthalene (C11.7)	6.179	6569938	37.716 ug/ml
4) T n-Dodecane (C12)	6.647	6201141	38.390 ug/ml
5) T A~2-methylnaphthalene...	7.275	6775172	39.897 ug/ml
6) T n-Tetradecane (C14)	8.475	6837056	42.619 ug/ml
7) T n-Hexadecane (C16)	10.083	7325286	44.236 ug/ml
8) T n-Octadecane (C18)	11.528	7605633	44.361 ug/ml
10) T n-Eicosane (C20)	12.840	7647390	44.199 ug/ml
11) T n-Heneicosane (C21)	13.451	7275572	42.292 ug/ml
13) T n-Docosane (C22)	14.038	7205825	41.792 ug/ml
14) T n-Tetracosane (C24)	15.127	13960952	79.969 ug/mlm
15) T n-Hexacosane (C26)	16.167	6792388	39.002 ug/ml
16) T n-Octacosane (C28)	17.116	6695049	38.737 ug/mlm
17) T n-Tricontane (C30)	18.010	6696648	38.278 ug/ml
18) T n-Dotriacontane (C32)	18.840	6608483	36.224 ug/ml
19) T n-Tetratriacontane (C34)	19.627	6546027	39.450 ug/ml
20) T n-Hexatriacontane (C36)	20.367	6378110	40.180 ug/ml
21) T n-Octatriacontane (C38)	21.096	6603456	42.109 ug/mlm
22) T n-Tetracontane (C40)	21.996	7014774	49.360 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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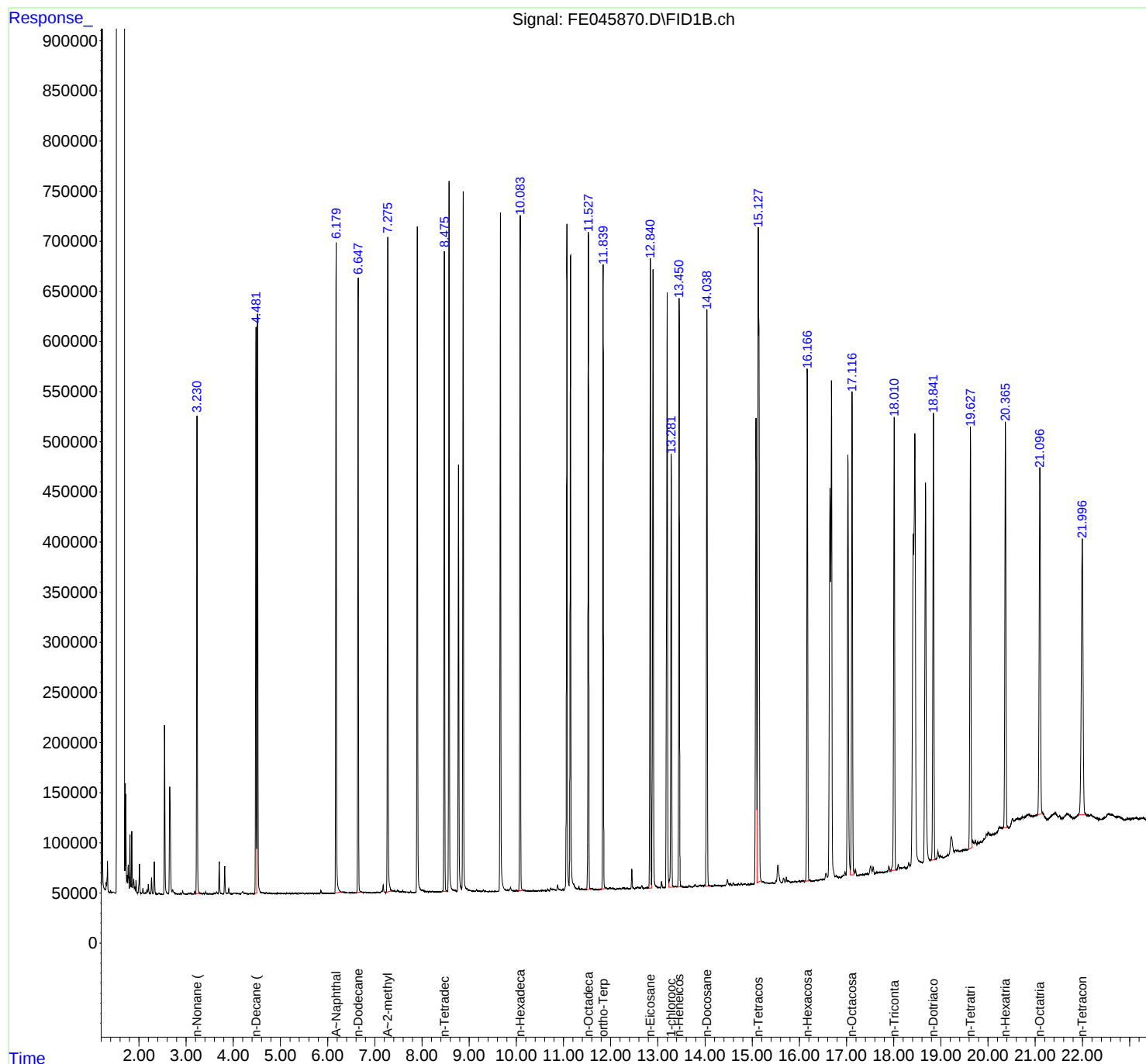
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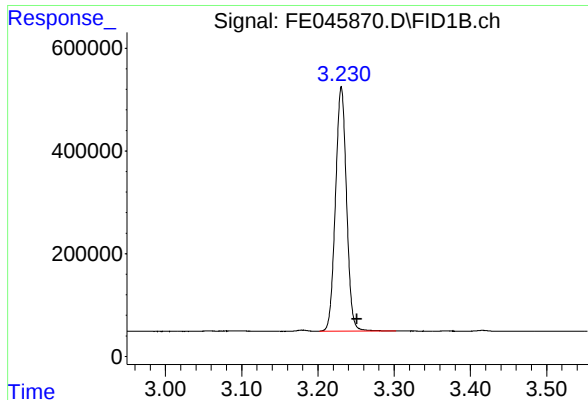
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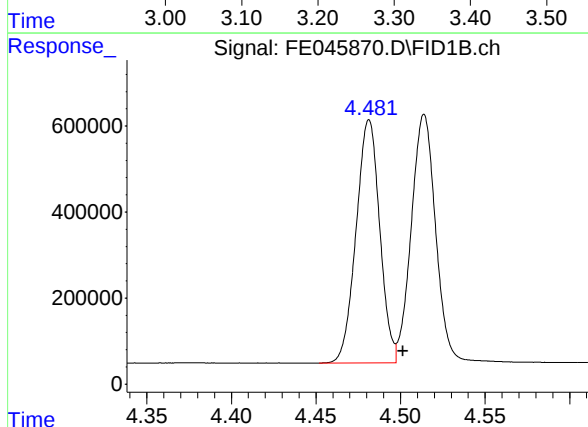
#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: -0.020 min
Response: 4784994
Conc: 30.17 ug/ml

Instrument :
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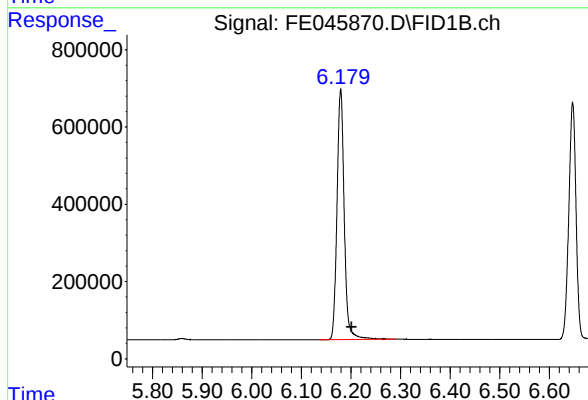
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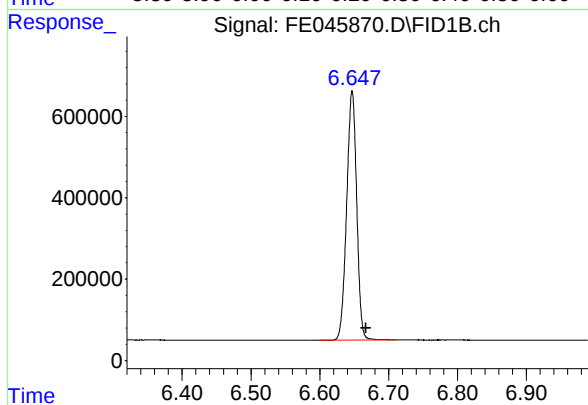
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.020 min
Response: 5498981
Conc: 34.34 ug/ml



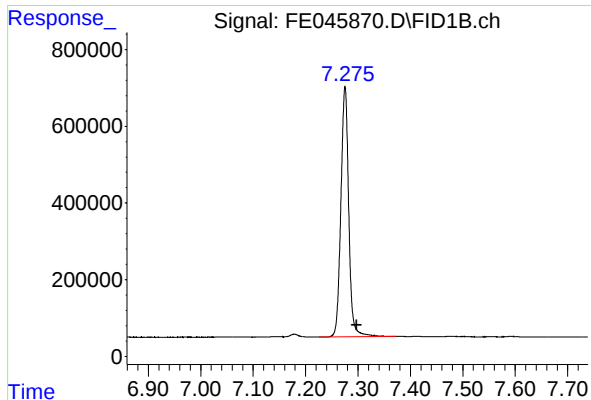
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.022 min
Response: 6569938
Conc: 37.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.020 min
Response: 6201141
Conc: 38.39 ug/ml



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

R.T.: 7.275 min
Delta R.T.: -0.022 min
Response: 6775172
Conc: 39.90 ug/ml

Instrument :

FID_E

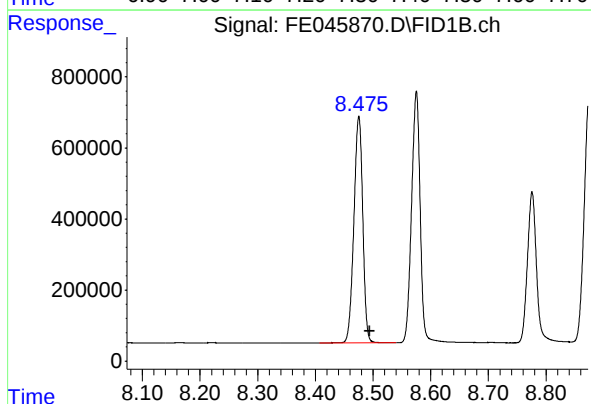
ClientSampleId :

351MS

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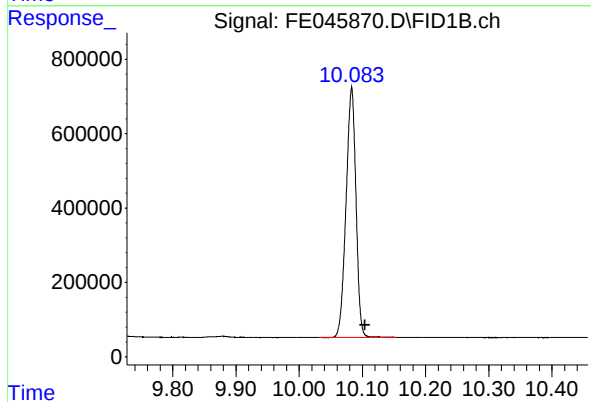
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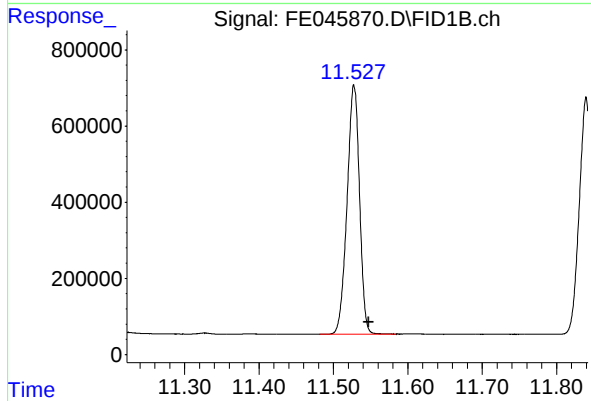
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.019 min
Response: 6837056
Conc: 42.62 ug/ml



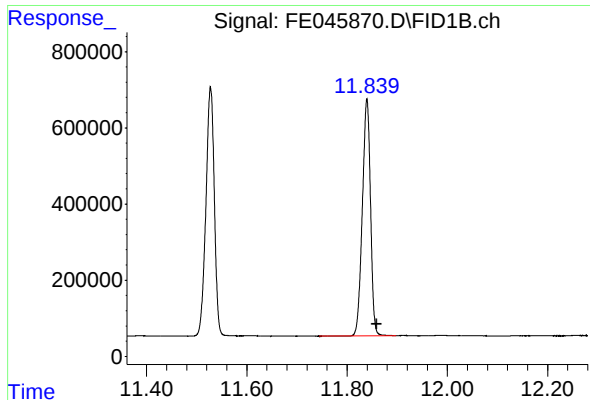
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.021 min
Response: 7325286
Conc: 44.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.020 min
Response: 7605633
Conc: 44.36 ug/ml



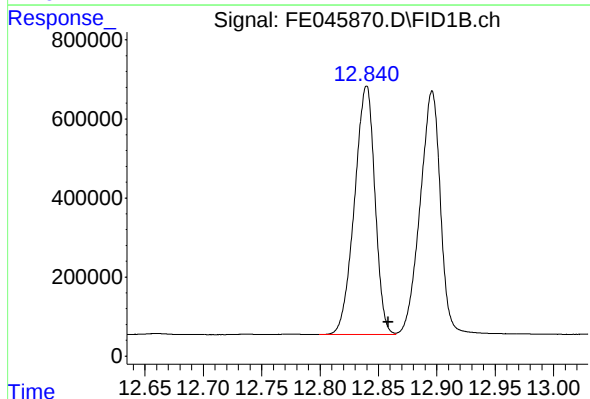
#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.019 min
Response: 7022544
Conc: 33.58 ug/ml

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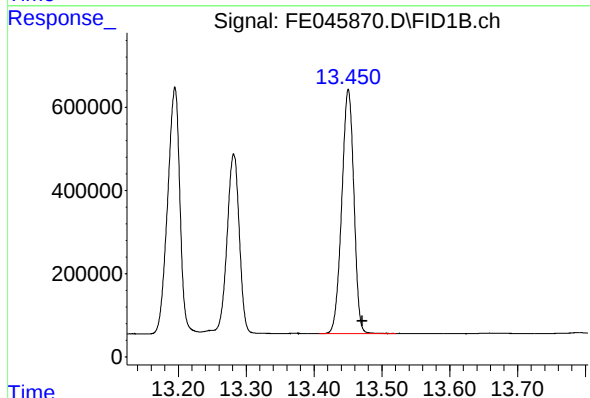
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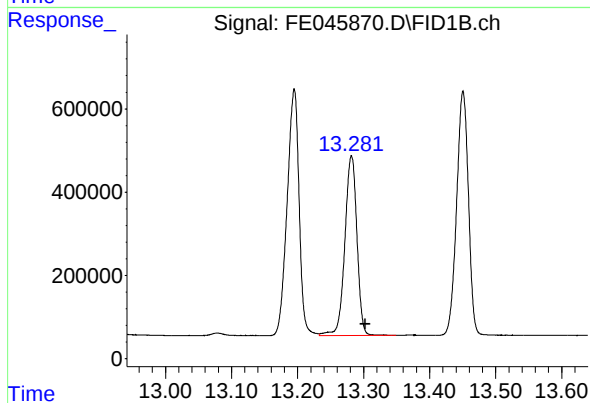
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.018 min
Response: 7647390
Conc: 44.20 ug/ml



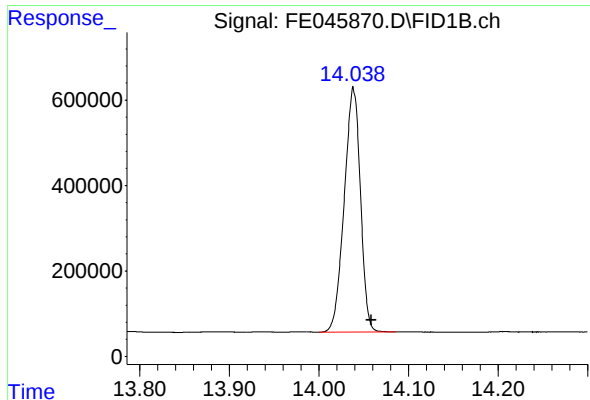
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.021 min
Response: 7275572
Conc: 42.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.021 min
Response: 5489322
Conc: 34.89 ug/ml



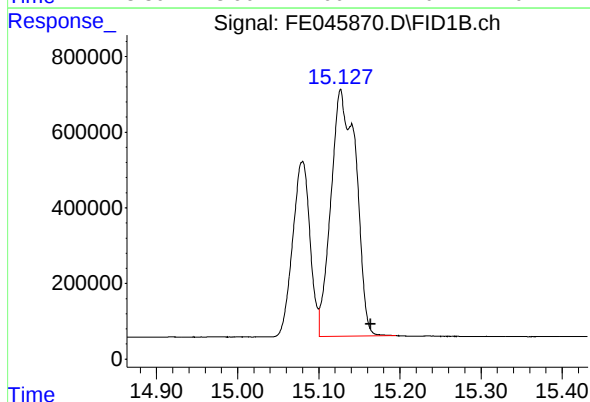
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.020 min
Response: 7205825
Conc: 41.79 ug/ml

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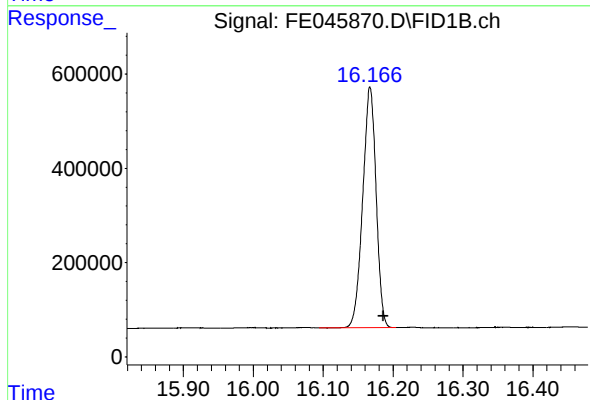
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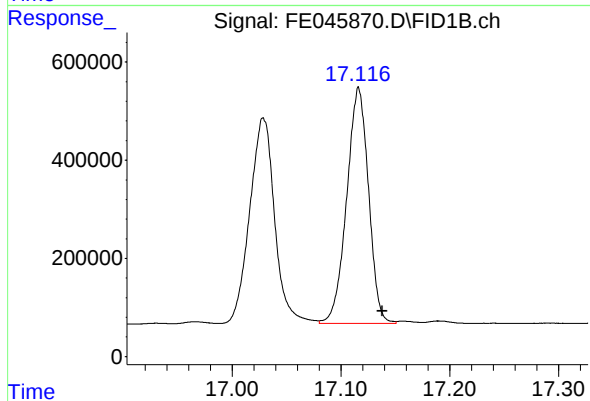
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.037 min
Response: 13960952
Conc: 79.97 ug/ml m



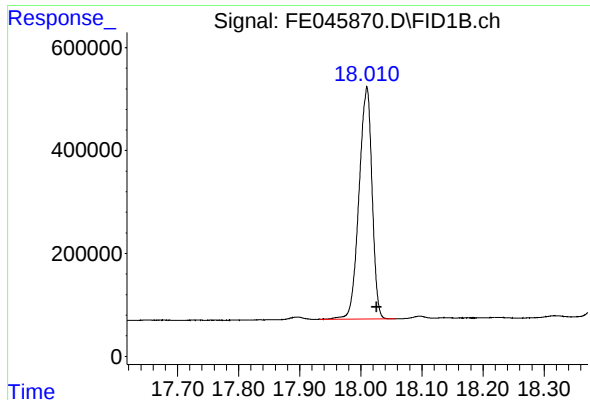
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.019 min
Response: 6792388
Conc: 39.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.023 min
Response: 6695049
Conc: 38.74 ug/ml m



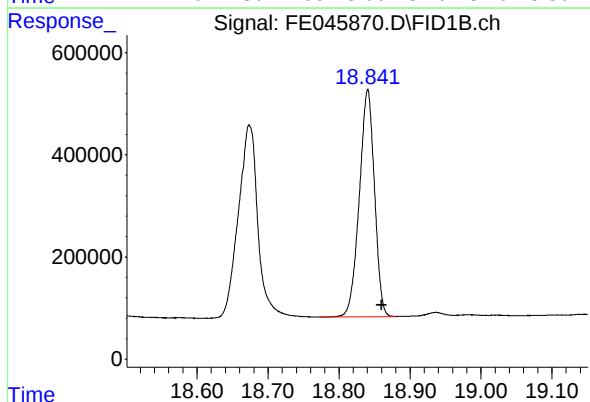
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: -0.016 min
Response: 6696648
Conc: 38.28 ug/ml

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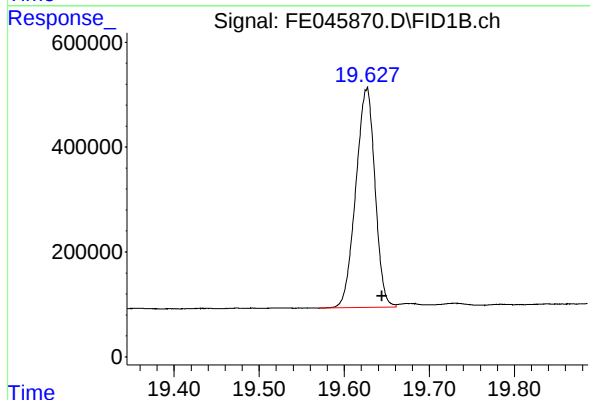
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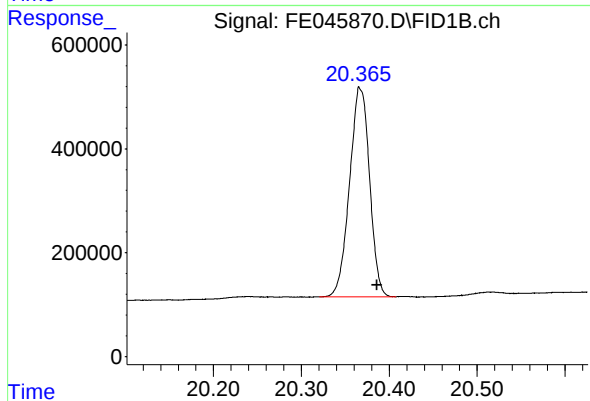
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.020 min
Response: 6608483
Conc: 36.22 ug/ml



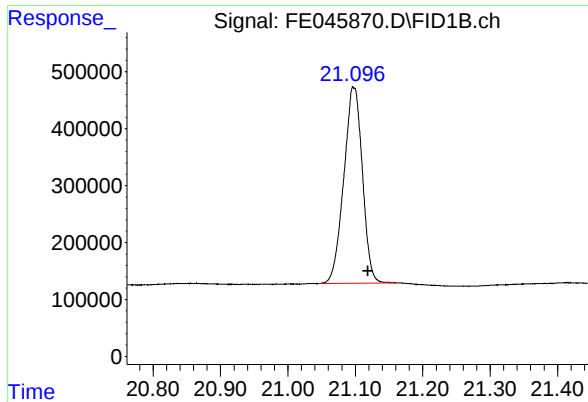
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: -0.018 min
Response: 6546027
Conc: 39.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.367 min
Delta R.T.: -0.020 min
Response: 6378110
Conc: 40.18 ug/ml



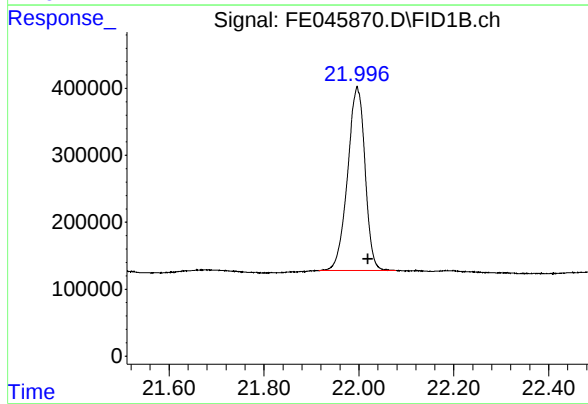
#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.023 min
Response: 6603456
Conc: 42.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: -0.023 min
Response: 7014774
Conc: 49.36 ug/ml