

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044885.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 08:25
 Operator : YP\AJ
 Sample : 04882-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-228MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e
 Quant Time: Oct 17 10:47:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.909	6645956	33.153 ug/ml
Spiked Amount 50.000		Recovery =	66.31%
12) S 1-chlorooctadecane (S...	13.351	5090994	34.402 ug/ml
Spiked Amount 50.000		Recovery =	68.80%
Target Compounds			
1) T n-Nonane (C9)	3.290	4431294	26.416 ug/ml
2) T n-Decane (C10)	4.543	5201125	30.532 ug/ml
3) T A~Naphthalene (C11.7)	6.244	6136855	33.151 ug/ml
4) T n-Dodecane (C12)	6.708	5923840	34.317 ug/ml
5) T A~2-methylnaphthalene...	7.340	6368765	35.305 ug/ml
6) T n-Tetradecane (C14)	8.538	6615375	38.578 ug/ml
7) T n-Hexadecane (C16)	10.148	7329159	41.912 ug/ml
8) T n-Octadecane (C18)	11.595	7718509	44.254 ug/ml
10) T n-Eicosane (C20)	12.907	7802843	46.715 ug/ml
11) T n-Heneicosane (C21)	13.520	7422614	45.534 ug/ml
13) T n-Docosane (C22)	14.107	7416460	46.366 ug/ml
14) T n-Tetracosane (C24)	15.195	14225431	91.661 ug/mlm
15) T n-Hexacosane (C26)	16.237	6913096	46.046 ug/ml
16) T n-Octacosane (C28)	17.186	7103731	48.376 ug/ml
17) T n-Tricontane (C30)	18.078	6848791	46.049 ug/ml
18) T n-Dotriacontane (C32)	18.911	6870372	45.773 ug/ml
19) T n-Tetratriacontane (C34)	19.695	6976879	46.867 ug/ml
20) T n-Hexatriacontane (C36)	20.436	6705989	43.619 ug/mlm
21) T n-Octatriacontane (C38)	21.179	6964476	44.584 ug/mlm
22) T n-Tetracontane (C40)	22.101	7212553	43.157 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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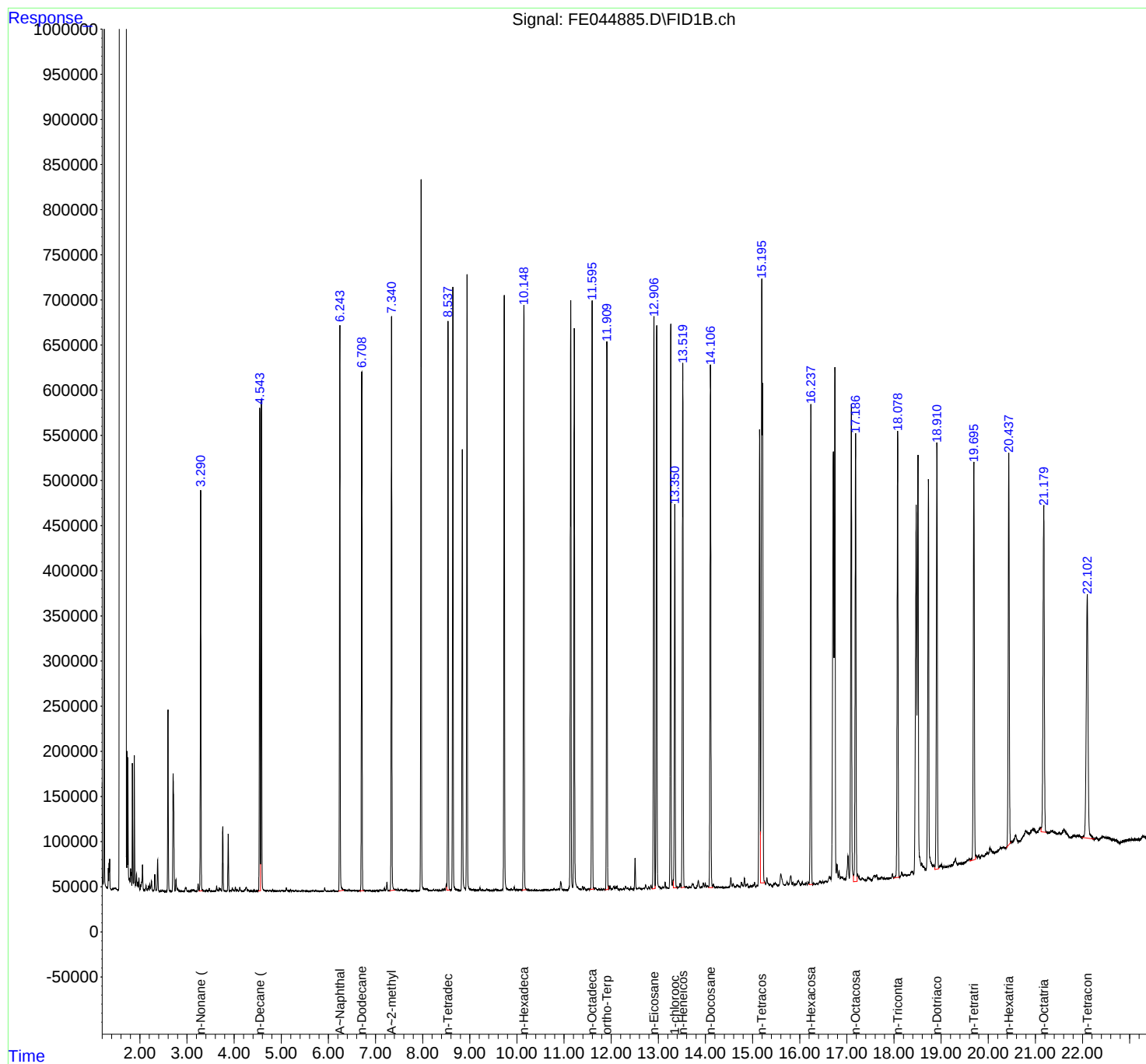
Instrument :
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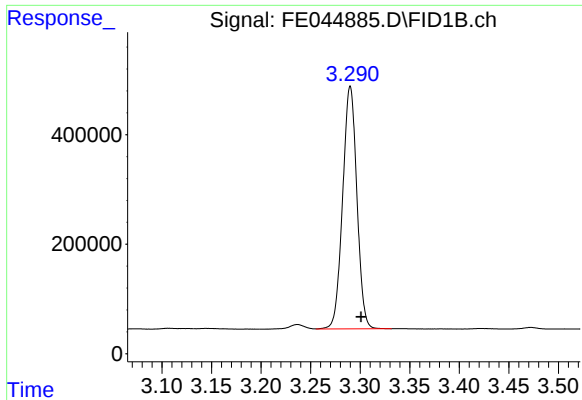
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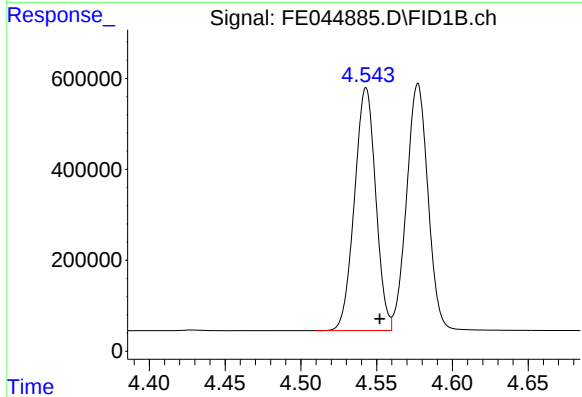
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.011 min
Response: 4431294
Conc: 26.42 ug/ml

Instrument :
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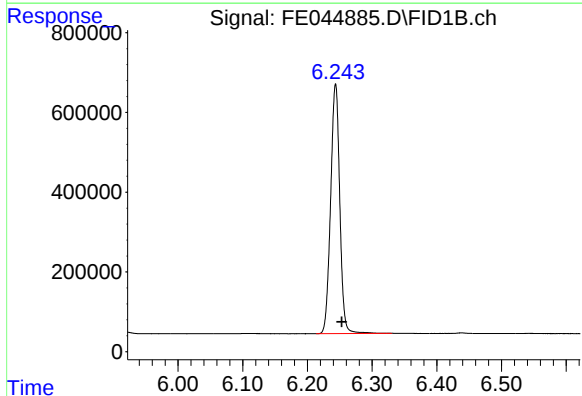
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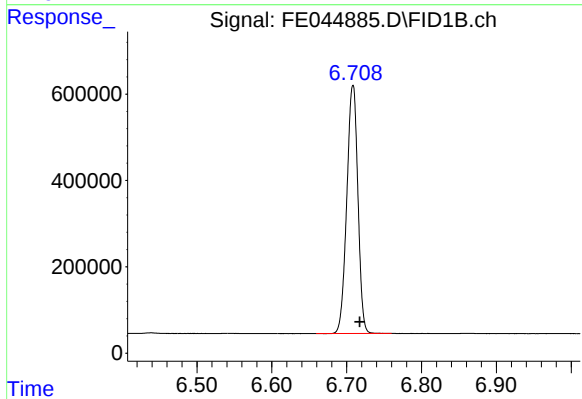
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.009 min
Response: 5201125
Conc: 30.53 ug/ml



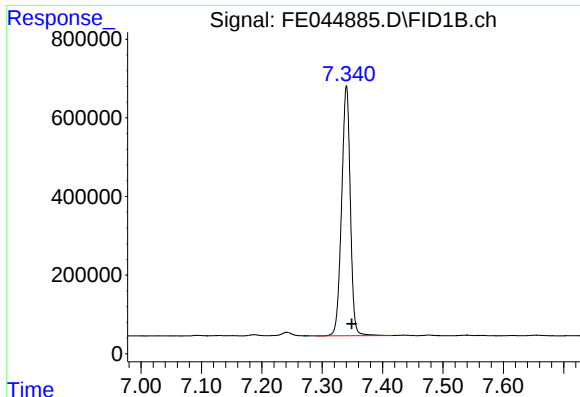
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.010 min
Response: 6136855
Conc: 33.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.708 min
Delta R.T.: -0.009 min
Response: 5923840
Conc: 34.32 ug/ml



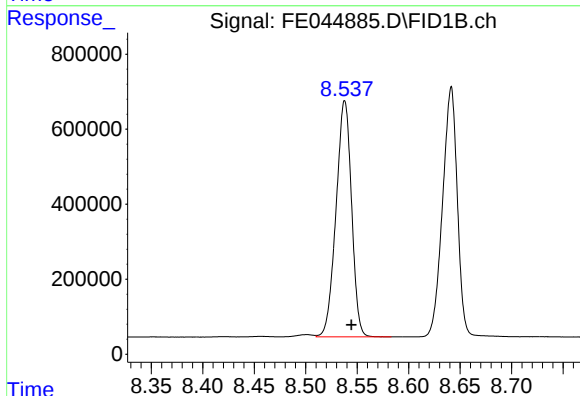
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.340 min
Delta R.T.: -0.009 min
Response: 6368765
Conc: 35.31 ug/ml

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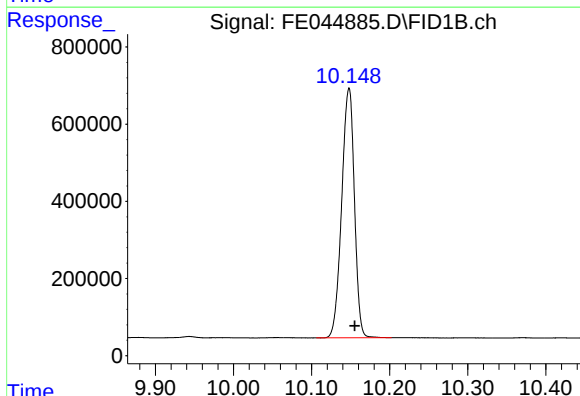
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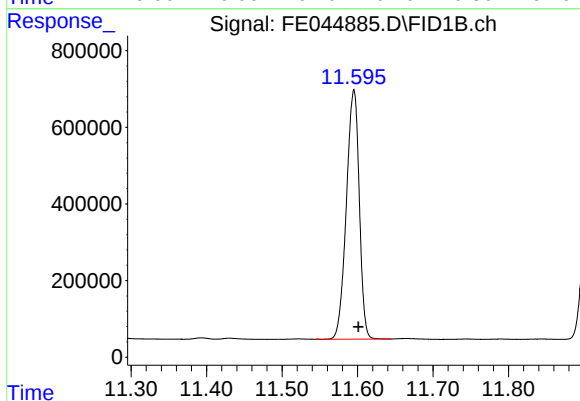
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: -0.006 min
Response: 6615375
Conc: 38.58 ug/ml



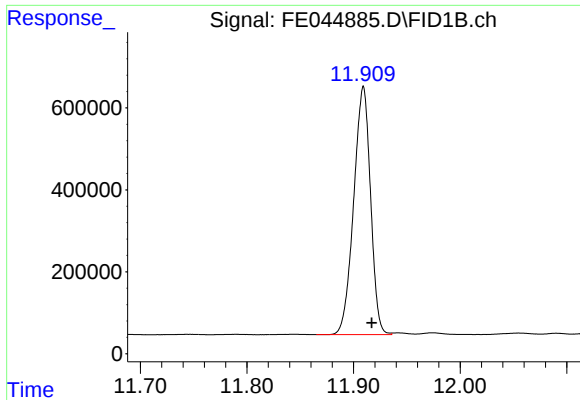
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.007 min
Response: 7329159
Conc: 41.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: -0.006 min
Response: 7718509
Conc: 44.25 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.909 min
Delta R.T.: -0.008 min
Response: 6645956
Conc: 33.15 ug/ml

Instrument :

FID_E

ClientSampleId :

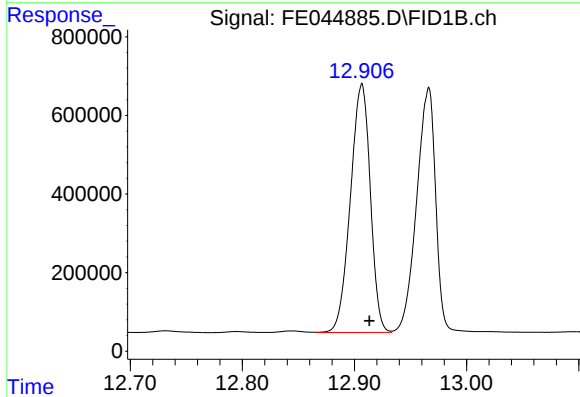
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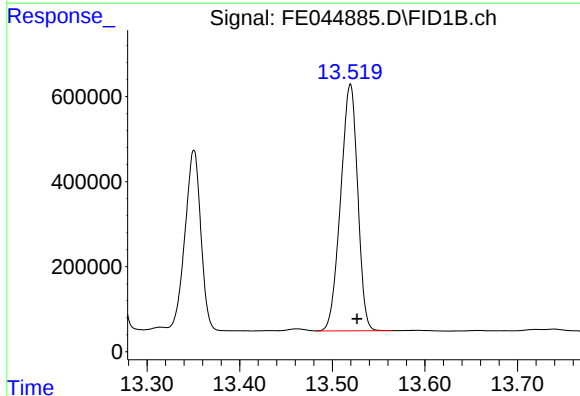
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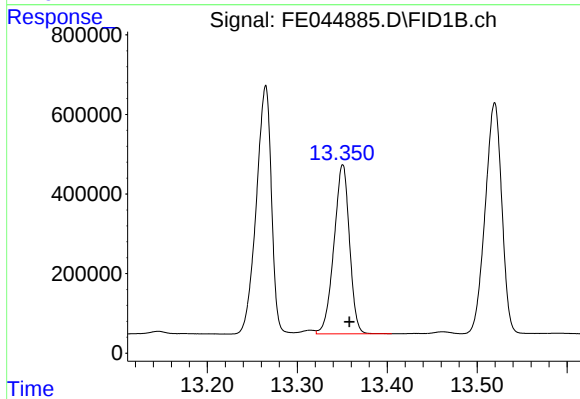
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: -0.007 min
Response: 7802843
Conc: 46.72 ug/ml



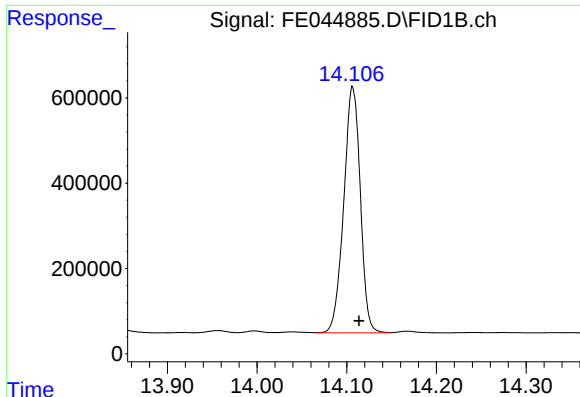
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.007 min
Response: 7422614
Conc: 45.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.351 min
Delta R.T.: -0.008 min
Response: 5090994
Conc: 34.40 ug/ml



#13 n-Docosane (C22)

R.T.: 14.107 min
Delta R.T.: -0.007 min
Response: 7416460
Conc: 46.37 ug/ml

Instrument :

FID_E

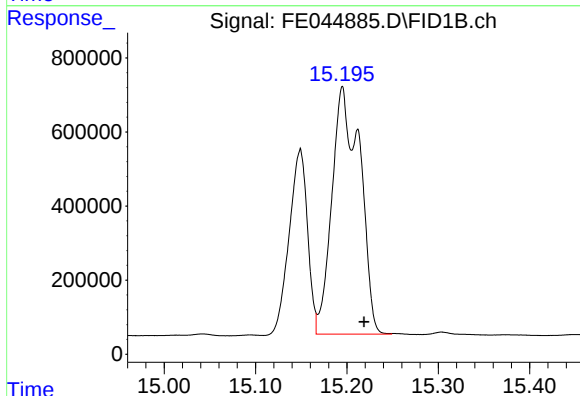
ClientSampleId :

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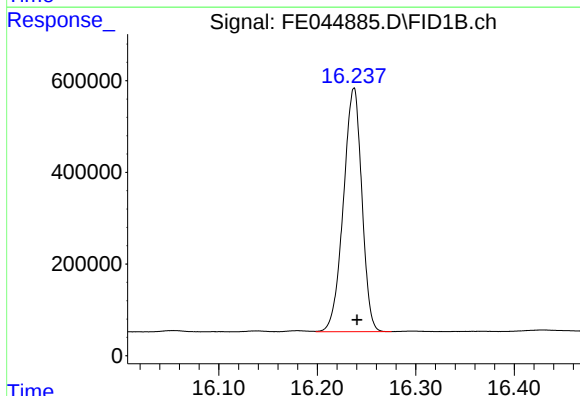
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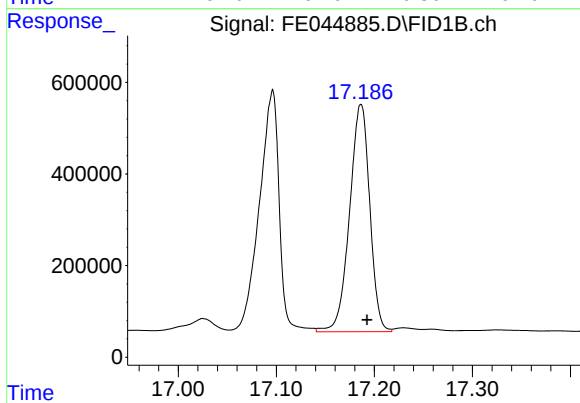
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.024 min
Response: 14225431
Conc: 91.66 ug/ml m



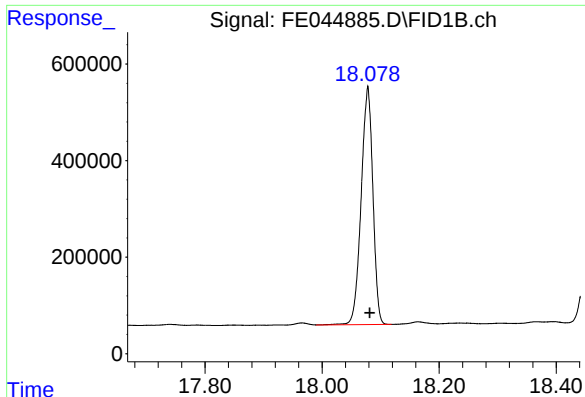
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.003 min
Response: 6913096
Conc: 46.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.186 min
Delta R.T.: -0.006 min
Response: 7103731
Conc: 48.38 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: -0.004 min
Response: 6848791
Conc: 46.05 ug/ml

Instrument :

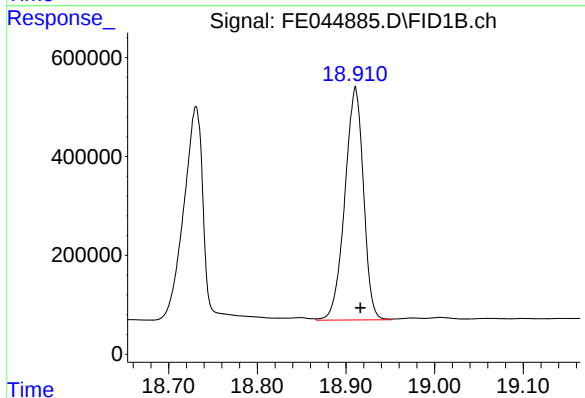
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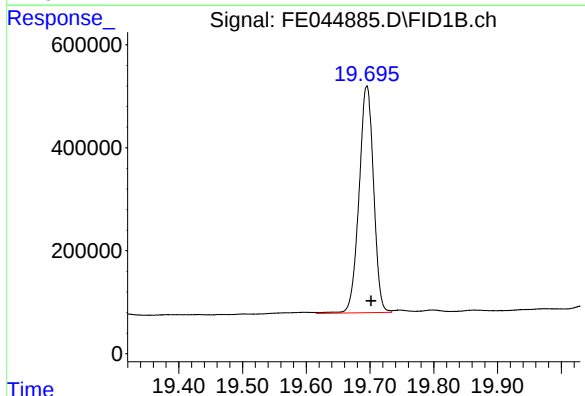
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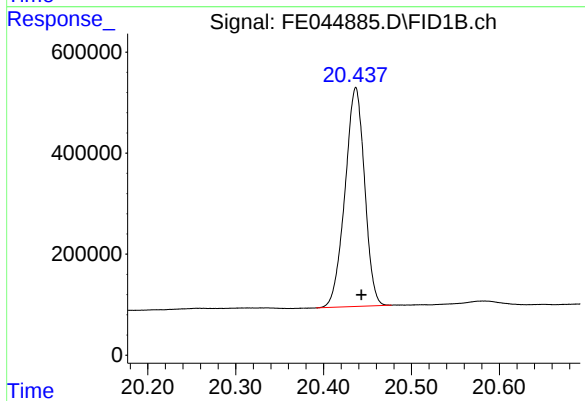
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.006 min
Response: 6870372
Conc: 45.77 ug/ml



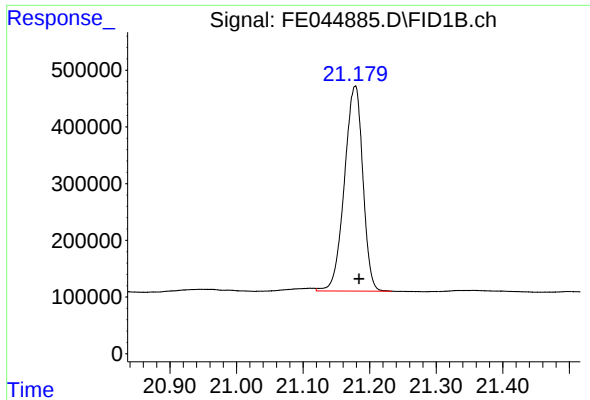
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.006 min
Response: 6976879
Conc: 46.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.436 min
Delta R.T.: -0.006 min
Response: 6705989
Conc: 43.62 ug/ml m



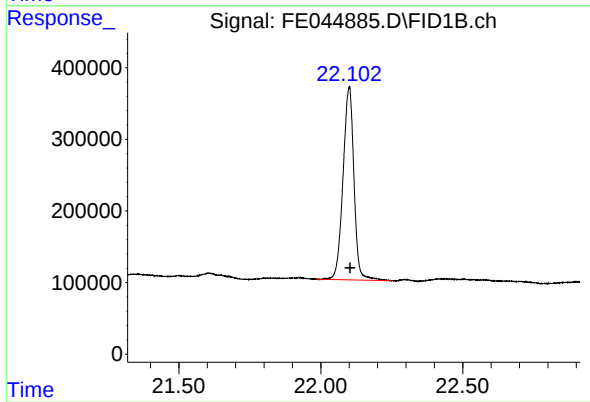
#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.005 min
Response: 6964476
Conc: 44.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.002 min
Response: 7212553
Conc: 43.16 ug/ml