

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032423AL\
 Data File : FE041004.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2023 15:16
 Operator : YP\AJ
 Sample : PB151654BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB151654BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/27/2023

Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e

Quant Time: Mar 25 00:56:38 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M

Quant Title : GC Extractables

QLast Update : Tue Feb 28 03:05:09 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)	11.871	7928281	42.440 ug/ml
Spiked Amount 50.000		Recovery =	84.88%
12) S 1-chlorooctadecane (S...	13.308	6532171	44.135 ug/ml
Spiked Amount 50.000		Recovery =	88.27%
Target Compounds			
1) T n-Nonane (C9)	3.273	6656520	43.259 ug/ml
2) T n-Decane (C10)	4.517	6968772	46.321 ug/ml
3) T A~Naphthalene (C11.7)	6.216	7711090	46.489 ug/ml
4) T n-Dodecane (C12)	6.678	7441019	48.606 ug/ml
5) T A~2-methylnaphthalene...	7.311	7310324	48.303 ug/ml
6) T n-Tetradecane (C14)	8.506	7472764	48.350 ug/ml
7) T n-Hexadecane (C16)	10.111	7714747	47.763 ug/ml
8) T n-Octadecane (C18)	11.554	7609165	44.814 ug/ml
10) T n-Eicosane (C20)	12.864	7457129	44.081 ug/ml
11) T n-Heneicosane (C21)	13.476	7064071	41.224 ug/ml
13) T n-Docosane (C22)	14.062	6916447	40.373 ug/ml
14) T n-Tetracosane (C24)	15.162	13404690	77.757 ug/ml
15) T n-Hexacosane (C26)	16.191	6533518	38.441 ug/ml
16) T n-Octacosane (C28)	17.139	6626236	39.511 ug/ml
17) T n-Tricontane (C30)	18.031	6465752	39.598 ug/ml
18) T n-Dotriacontane (C32)	18.862	6344812	37.072 ug/ml
19) T n-Tetratriacontane (C34)	19.649	6459035	41.777 ug/ml
20) T n-Hexatriacontane (C36)	20.390	6409592	44.119 ug/ml
21) T n-Octatriacontane (C38)	21.121	6506793	47.337 ug/mlm
22) T n-Tetracontane (C40)	22.009	6671286	43.174 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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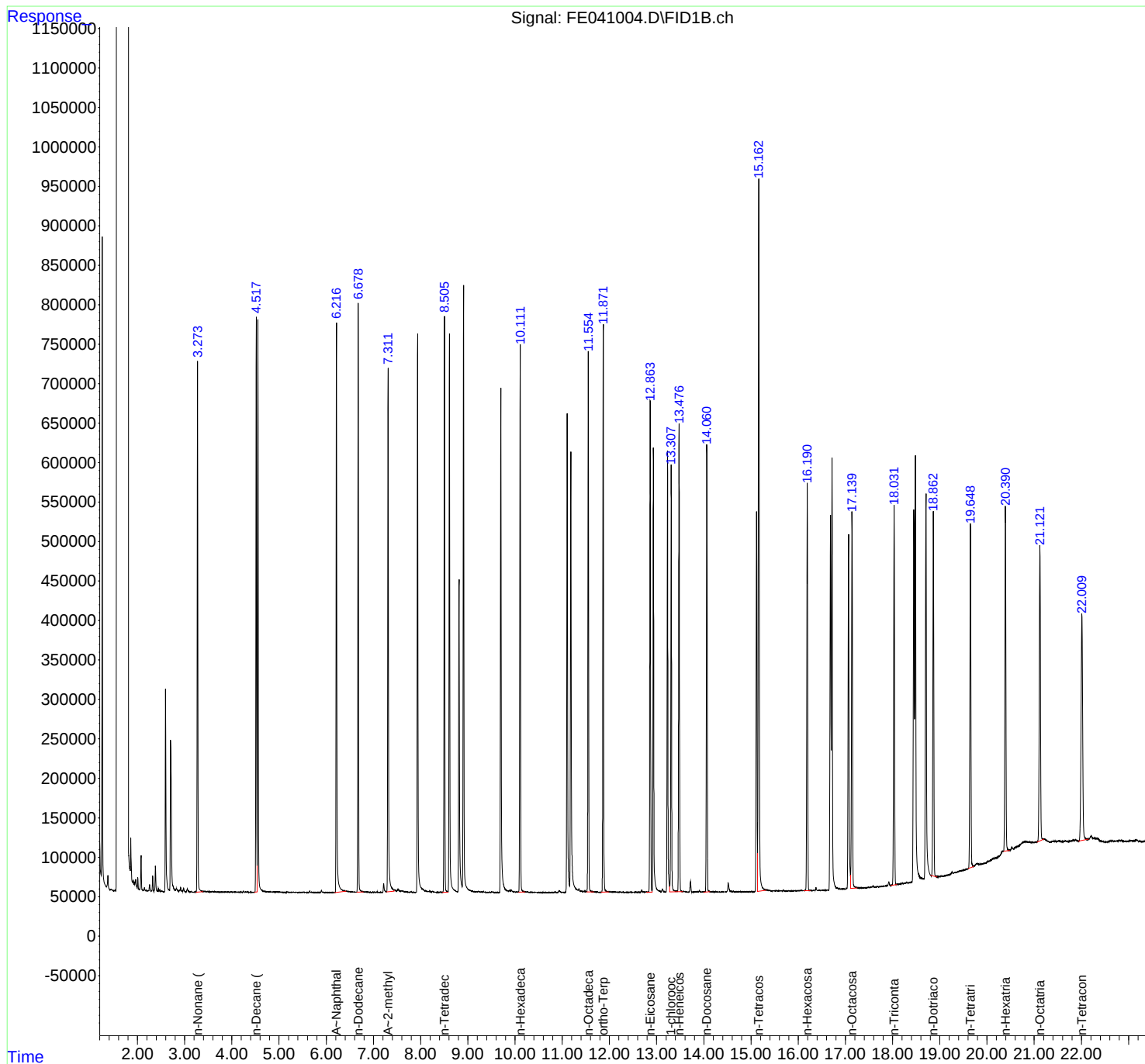
Instrument :
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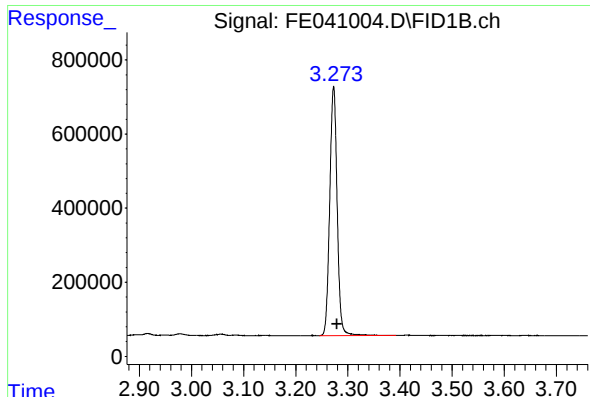
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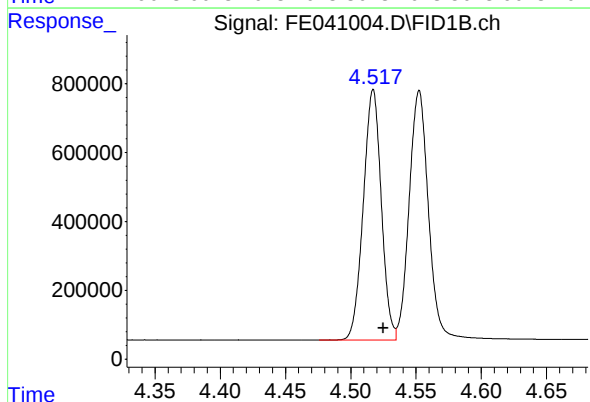
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: -0.006 min
Response: 6656520
Conc: 43.26 ug/ml

Instrument :
FID_E
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PB151654BSD

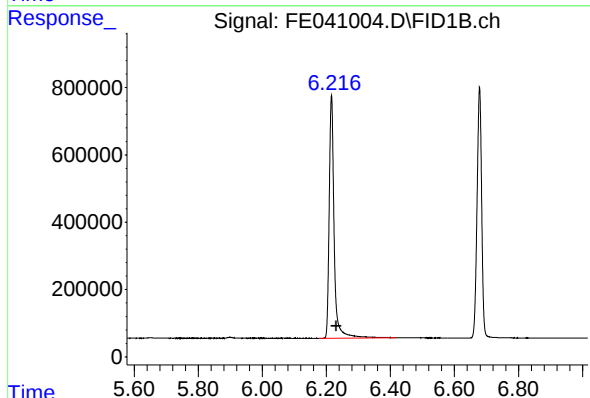
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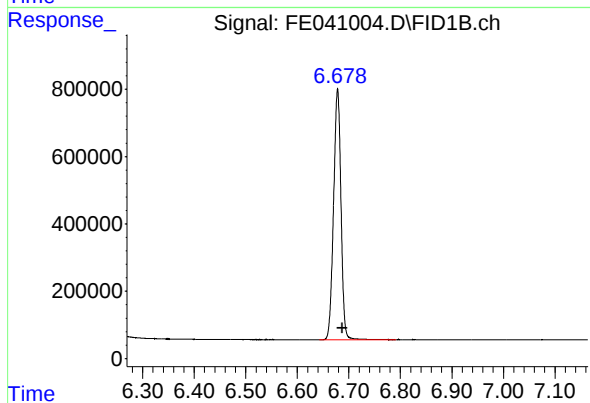
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.008 min
Response: 6968772
Conc: 46.32 ug/ml



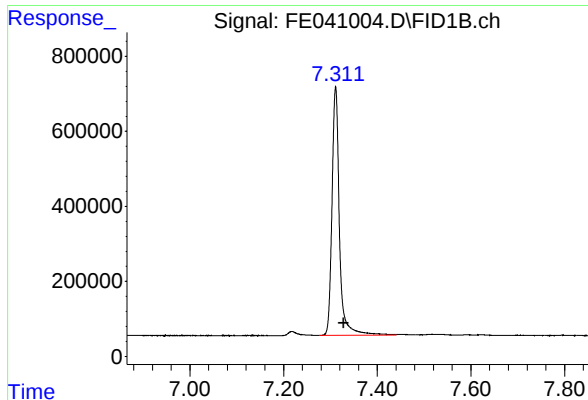
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.015 min
Response: 7711090
Conc: 46.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.678 min
Delta R.T.: -0.009 min
Response: 7441019
Conc: 48.61 ug/ml



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

R.T.: 7.311 min
Delta R.T.: -0.017 min
Response: 7310324
Conc: 48.30 ug/ml

Instrument :

FID_E

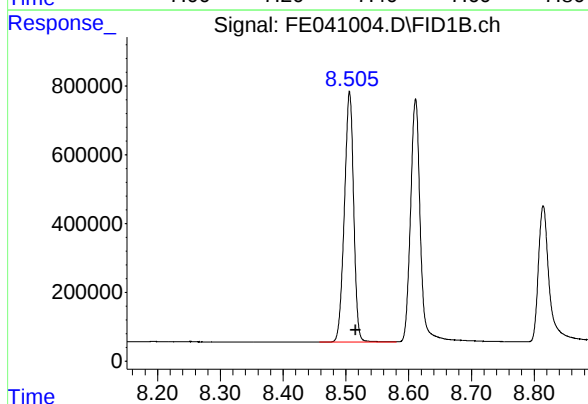
ClientSampleId :

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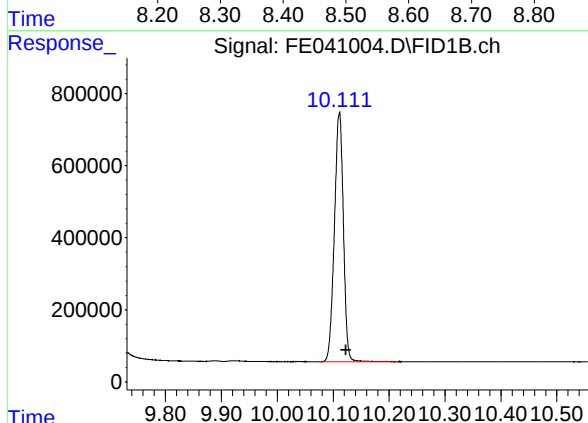
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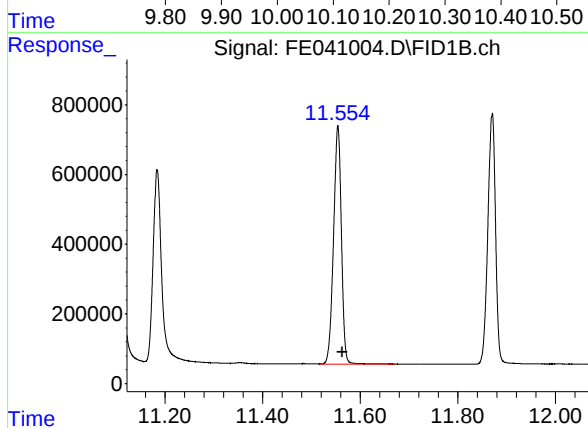
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: -0.009 min
Response: 7472764
Conc: 48.35 ug/ml



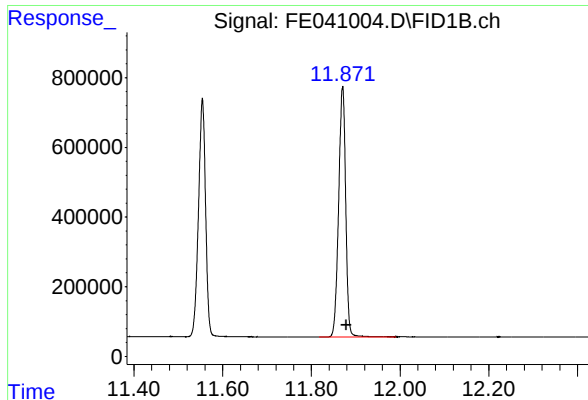
#7 n-Hexadecane (C16)

R.T.: 10.111 min
Delta R.T.: -0.012 min
Response: 7714747
Conc: 47.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.554 min
Delta R.T.: -0.009 min
Response: 7609165
Conc: 44.81 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: -0.008 min
Response: 7928281
Conc: 42.44 ug/ml

Instrument :

FID_E

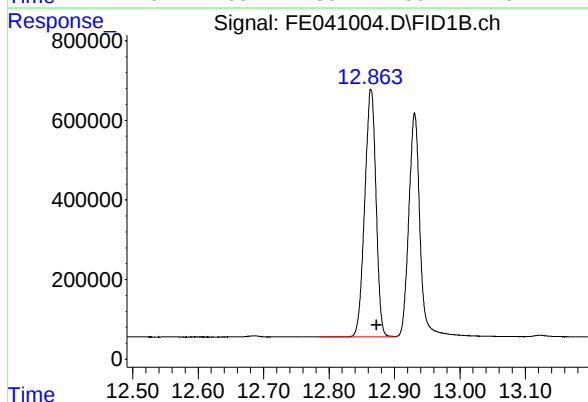
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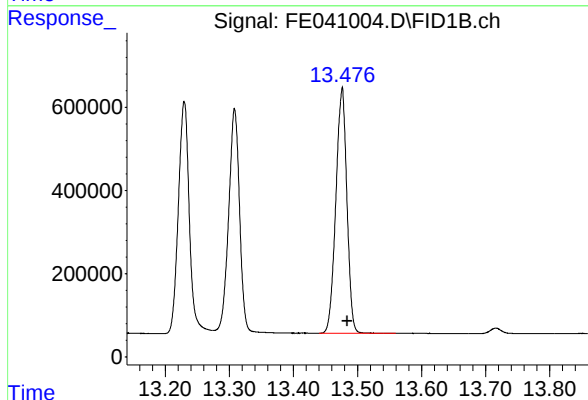
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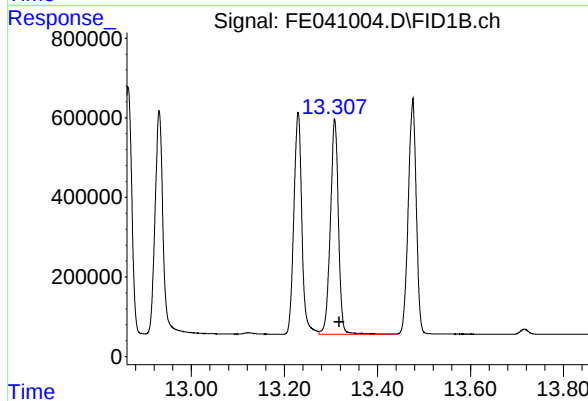
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.009 min
Response: 7457129
Conc: 44.08 ug/ml



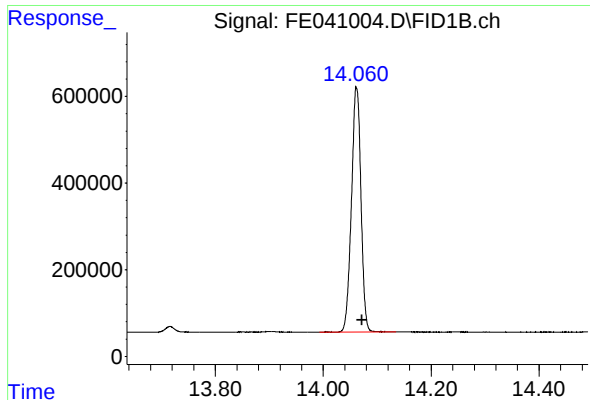
#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: -0.008 min
Response: 7064071
Conc: 41.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.308 min
Delta R.T.: -0.010 min
Response: 6532171
Conc: 44.13 ug/ml



#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: -0.010 min
Response: 6916447
Conc: 40.37 ug/ml

Instrument :

FID_E

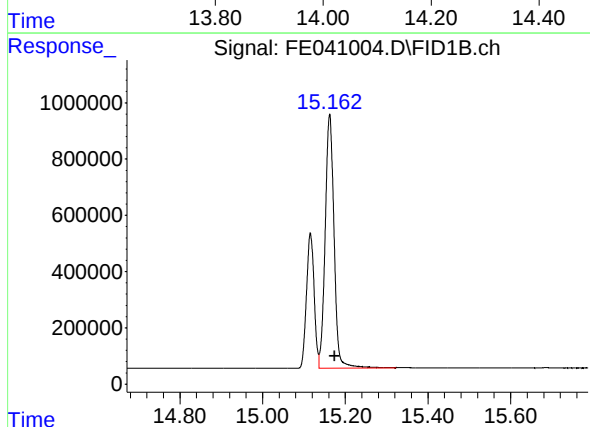
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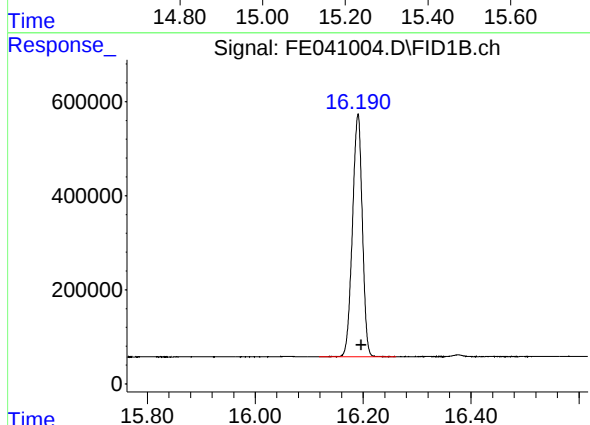
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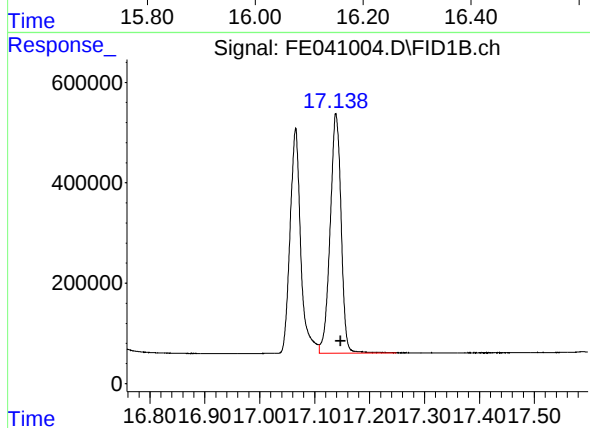
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.012 min
Response: 13404690
Conc: 77.76 ug/ml



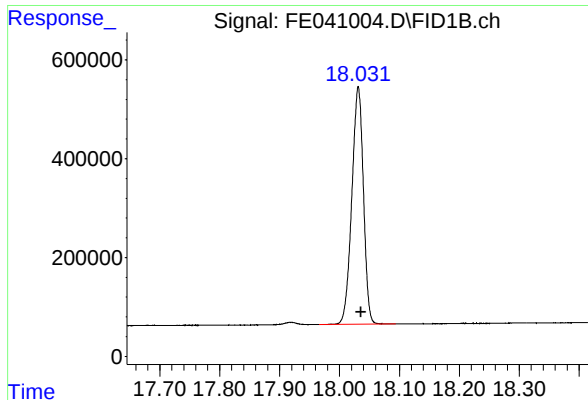
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: -0.006 min
Response: 6533518
Conc: 38.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.139 min
Delta R.T.: -0.008 min
Response: 6626236
Conc: 39.51 ug/ml



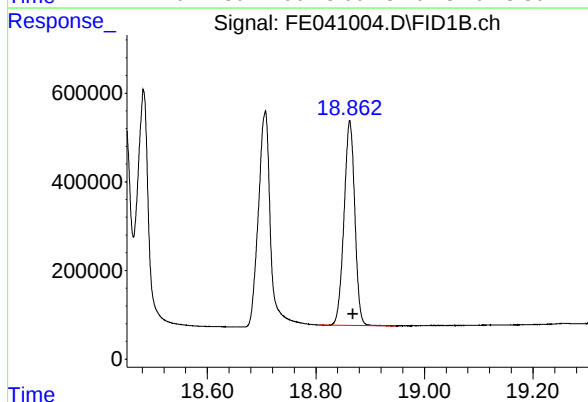
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: -0.005 min
Response: 6465752
Conc: 39.60 ug/ml

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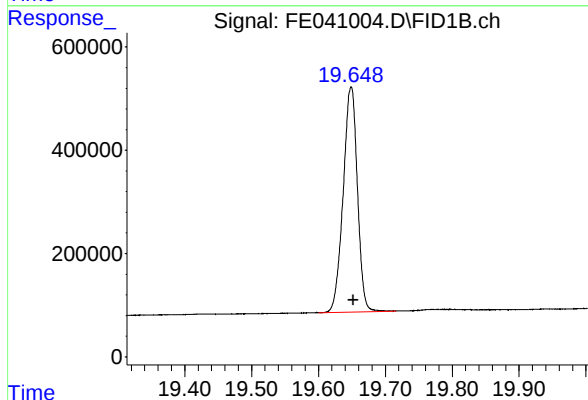
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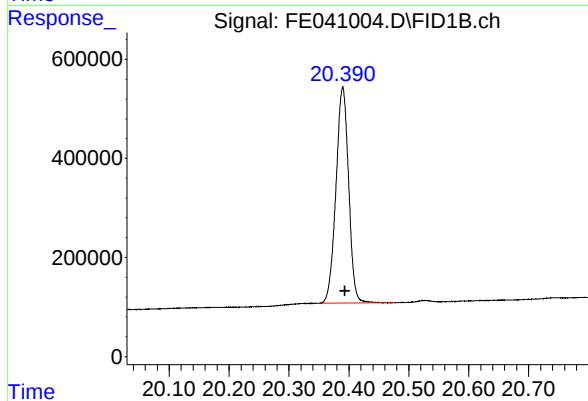
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: -0.006 min
Response: 6344812
Conc: 37.07 ug/ml



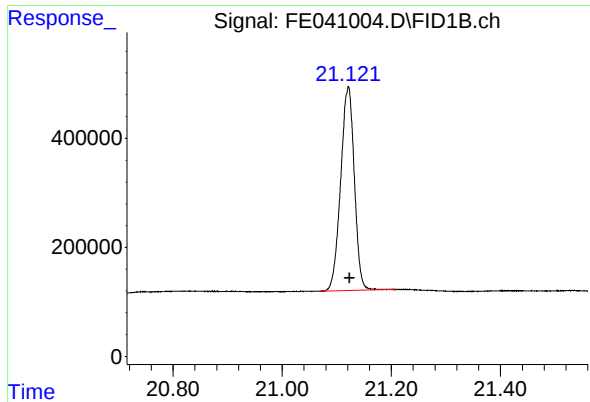
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: -0.003 min
Response: 6459035
Conc: 41.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.390 min
Delta R.T.: -0.004 min
Response: 6409592
Conc: 44.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: -0.003 min
Response: 6506793
Conc: 47.34 ug/ml

Instrument :

FID_E

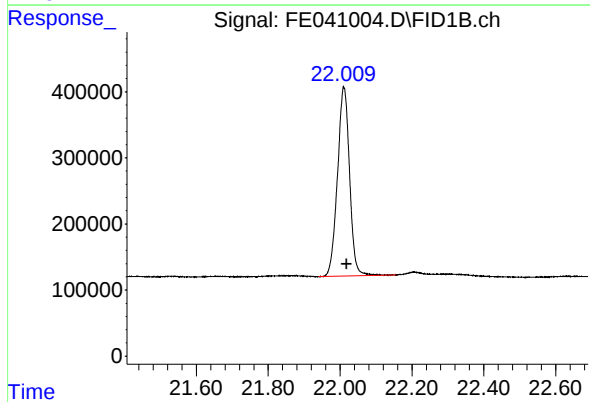
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#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.009 min
Response: 6671286
Conc: 43.17 ug/ml m