

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044896.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 14:57
 Operator : YP\AJ
 Sample : PB156432BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB156432BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e

Quant Time: Oct 17 16:07:19 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.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)	11.907	8297671	41.392 ug/ml
Spiked Amount 50.000		Recovery =	82.78%
12) S 1-chlorooctadecane (S...	13.349	6494863	43.888 ug/ml
Spiked Amount 50.000		Recovery =	87.78%
Target Compounds			
1) T n-Nonane (C9)	3.298	5228342	31.167 ug/ml
2) T n-Decane (C10)	4.546	5654890	33.196 ug/ml
3) T A~Naphthalene (C11.7)	6.243	6439554	34.786 ug/ml
4) T n-Dodecane (C12)	6.707	6199565	35.914 ug/ml
5) T A~2-methylnaphthalene...	7.338	6534413	36.223 ug/ml
6) T n-Tetradecane (C14)	8.536	6824004	39.795 ug/ml
7) T n-Hexadecane (C16)	10.146	7417018	42.415 ug/ml
8) T n-Octadecane (C18)	11.592	7567977	43.391 ug/ml
10) T n-Eicosane (C20)	12.904	7509567	44.959 ug/ml
11) T n-Heneicosane (C21)	13.517	7143048	43.819 ug/ml
13) T n-Docosane (C22)	14.104	7036024	43.988 ug/ml
14) T n-Tetracosane (C24)	15.190	13601084	87.638 ug/mlm
15) T n-Hexacosane (C26)	16.234	6621204	44.102 ug/ml
16) T n-Octacosane (C28)	17.183	6619916	45.081 ug/ml
17) T n-Tricontane (C30)	18.075	6551381	44.049 ug/ml
18) T n-Dotriacontane (C32)	18.906	6617715	44.090 ug/ml
19) T n-Tetratriacontane (C34)	19.691	6697877	44.993 ug/ml
20) T n-Hexatriacontane (C36)	20.431	6618748	43.051 ug/mlm
21) T n-Octatriacontane (C38)	21.172	7065932	45.234 ug/ml
22) T n-Tetracontane (C40)	22.090	7230706	43.266 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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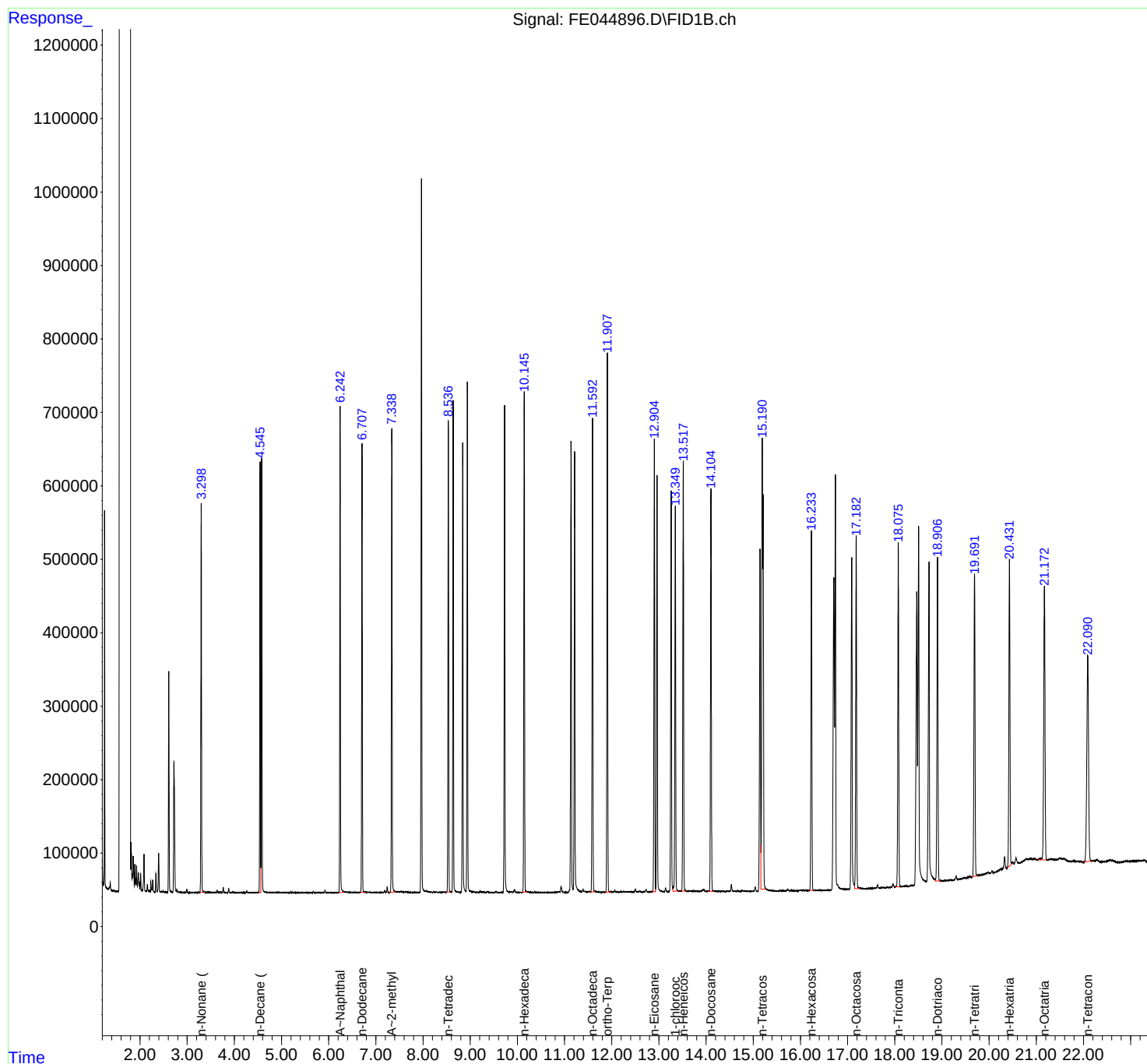
Instrument :
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PB156432BSD

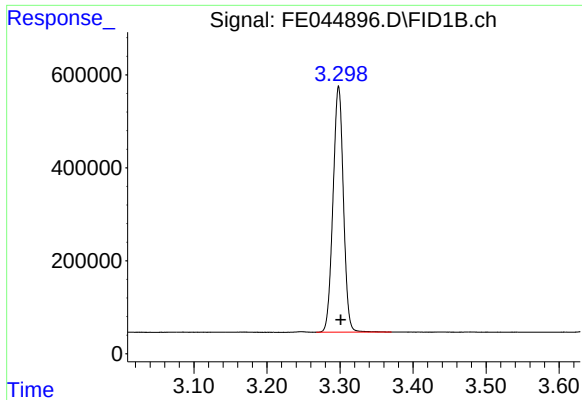
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Quant Title : GC Extractables
QLast Update : Thu Oct 12 06:15:32 2023
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





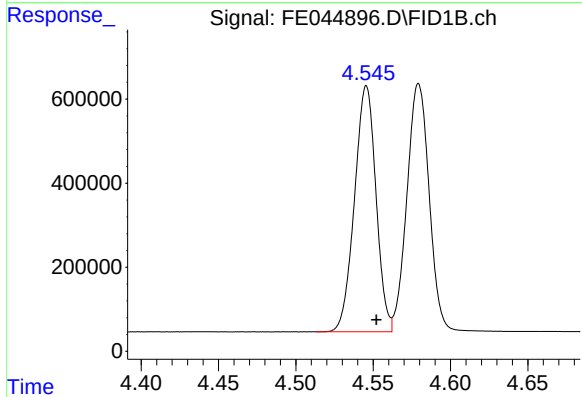
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: -0.003 min
Response: 5228342
Conc: 31.17 ug/ml

Instrument :
FID_E
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PB156432BSD

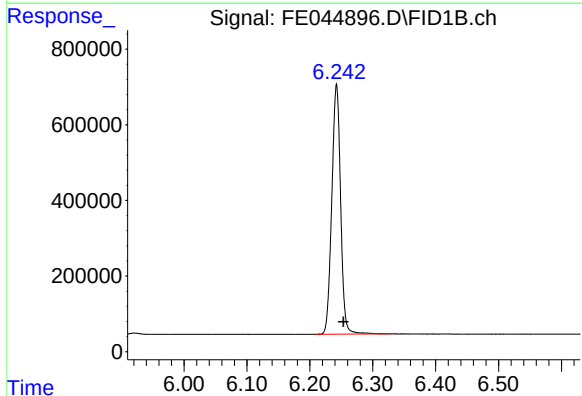
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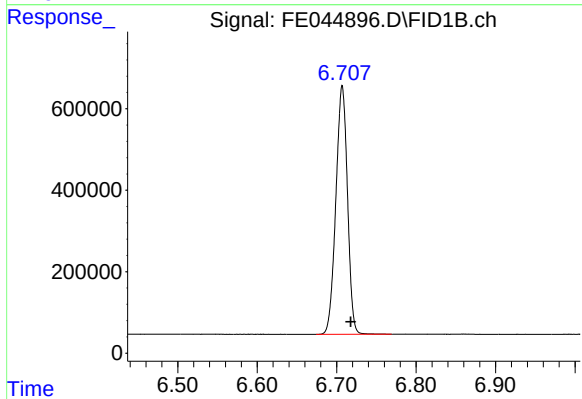
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.006 min
Response: 5654890
Conc: 33.20 ug/ml



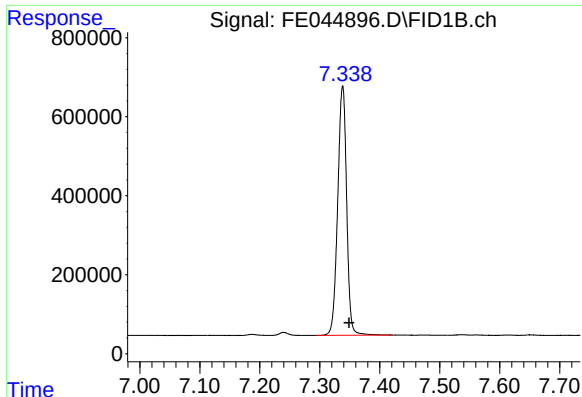
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.011 min
Response: 6439554
Conc: 34.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.707 min
Delta R.T.: -0.011 min
Response: 6199565
Conc: 35.91 ug/ml



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

R.T.: 7.338 min
Delta R.T.: -0.011 min
Response: 6534413
Conc: 36.22 ug/ml

Instrument :

FID_E

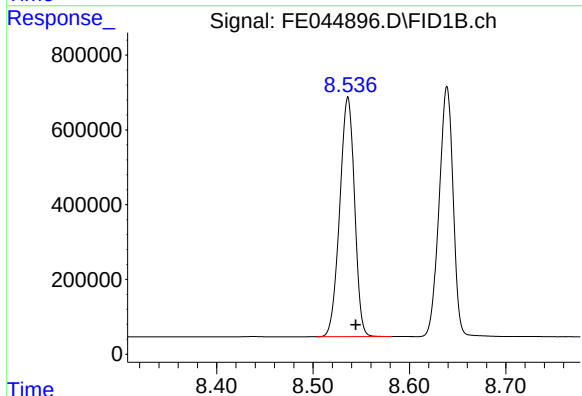
ClientSampleId :

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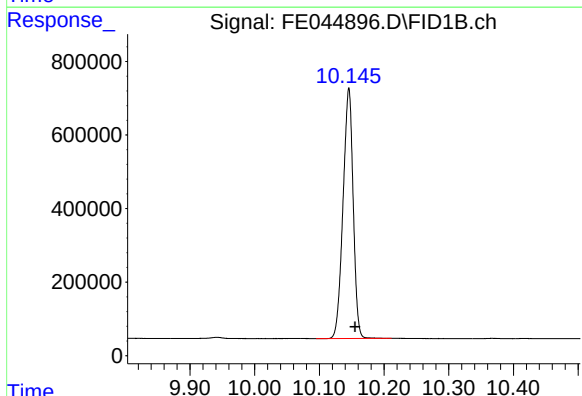
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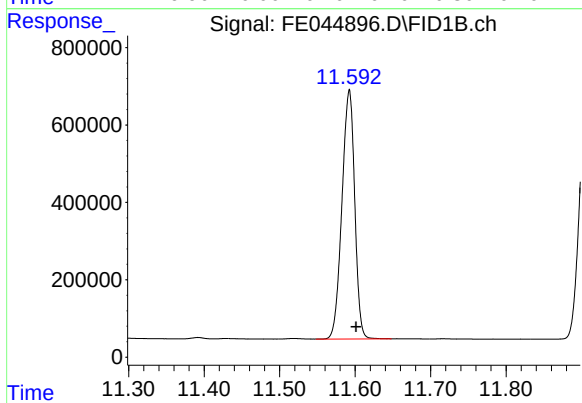
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.008 min
Response: 6824004
Conc: 39.80 ug/ml



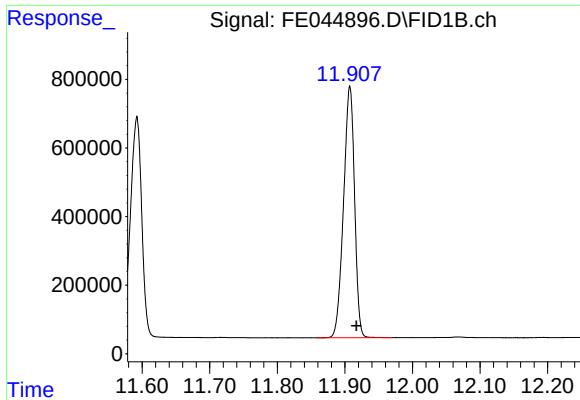
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: -0.010 min
Response: 7417018
Conc: 42.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.592 min
Delta R.T.: -0.009 min
Response: 7567977
Conc: 43.39 ug/ml



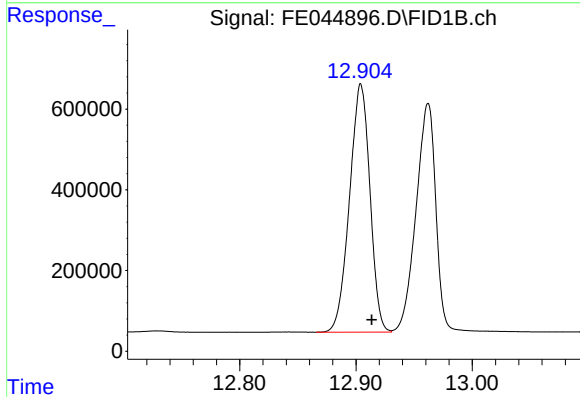
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.009 min
Response: 8297671
Conc: 41.39 ug/ml

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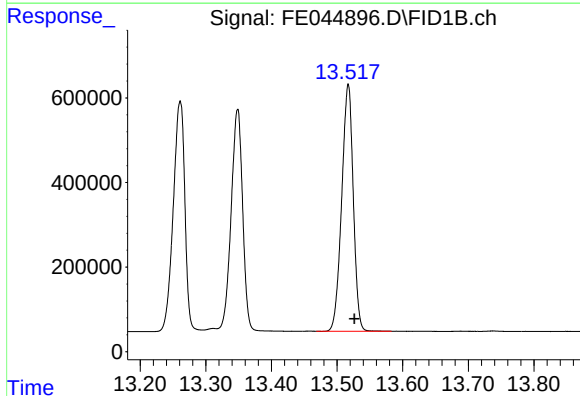
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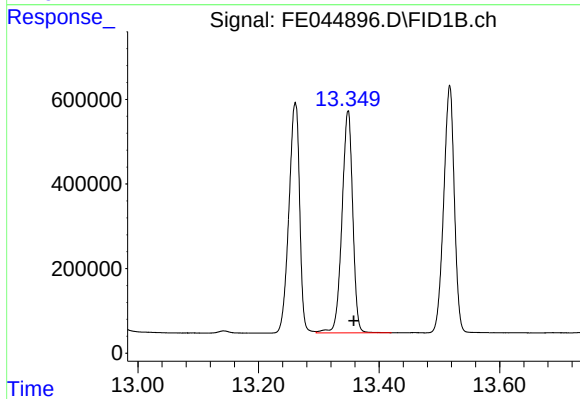
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.009 min
Response: 7509567
Conc: 44.96 ug/ml



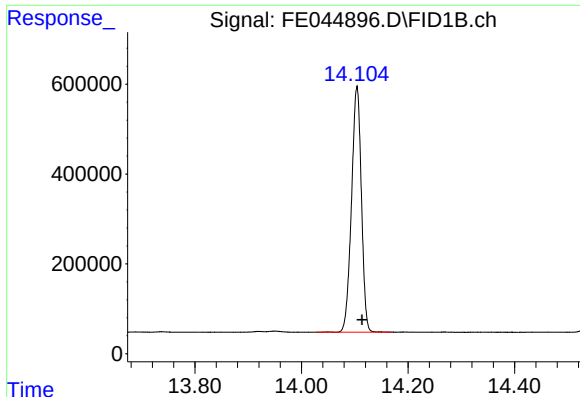
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: -0.009 min
Response: 7143048
Conc: 43.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.349 min
Delta R.T.: -0.010 min
Response: 6494863
Conc: 43.89 ug/ml



#13 n-Docosane (C22)

R.T.: 14.104 min
Delta R.T.: -0.010 min
Response: 7036024
Conc: 43.99 ug/ml

Instrument :

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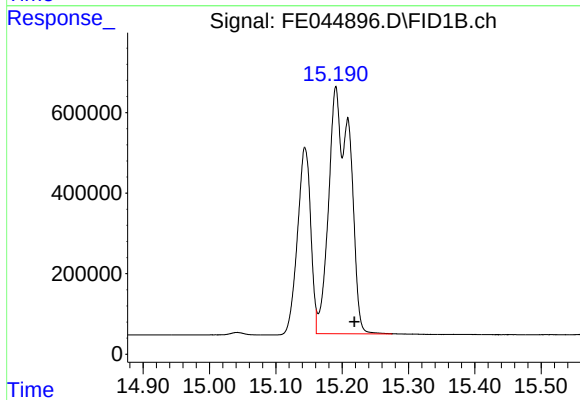
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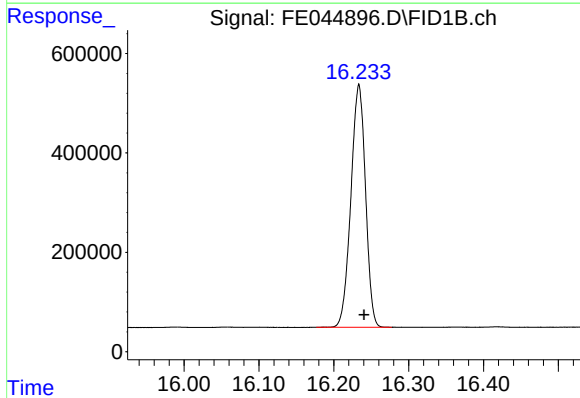
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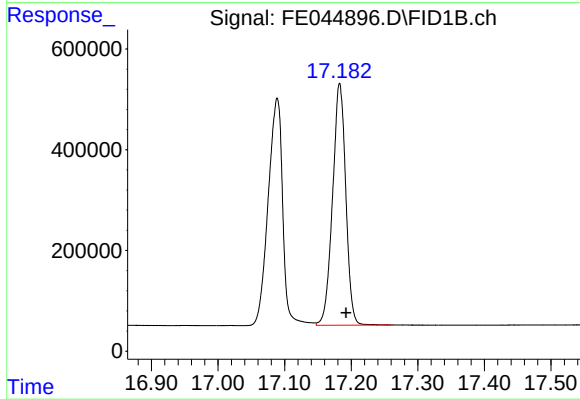
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.028 min
Response: 13601084
Conc: 87.64 ug/ml m



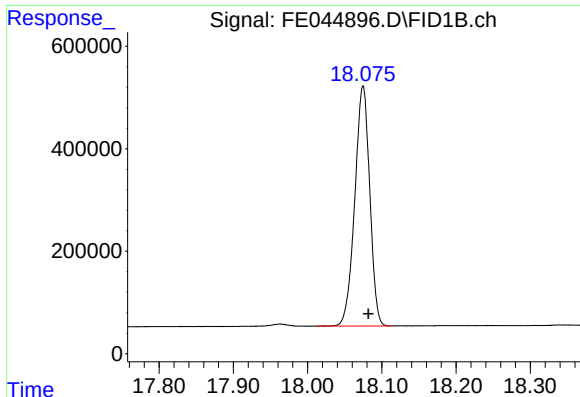
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: -0.007 min
Response: 6621204
Conc: 44.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: -0.010 min
Response: 6619916
Conc: 45.08 ug/ml



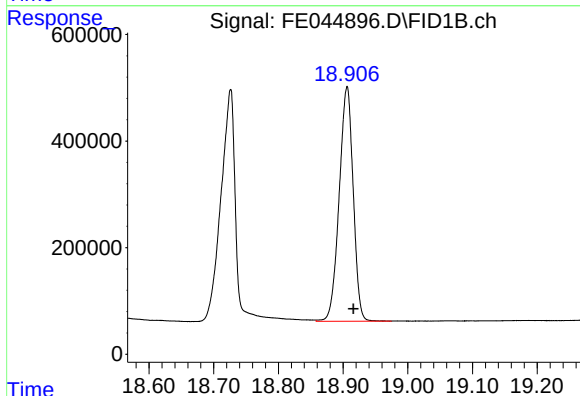
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: -0.007 min
Response: 6551381
Conc: 44.05 ug/ml

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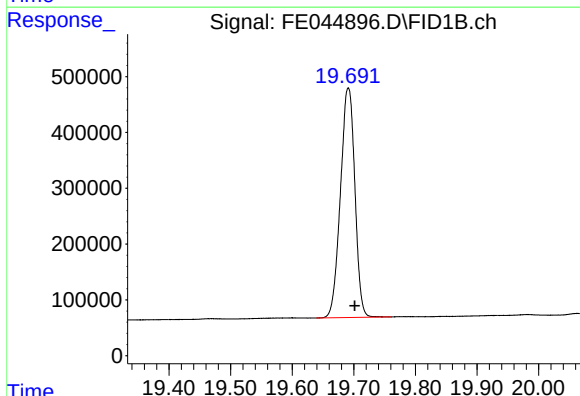
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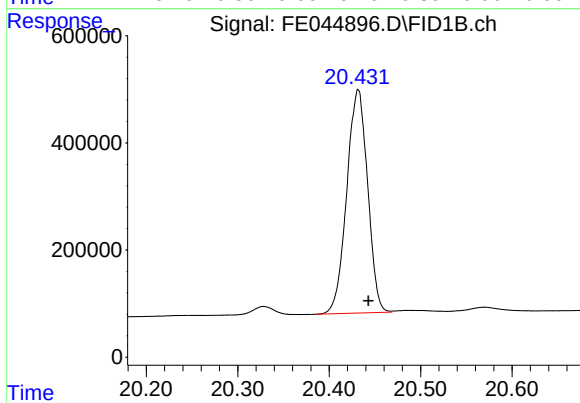
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.010 min
Response: 6617715
Conc: 44.09 ug/ml



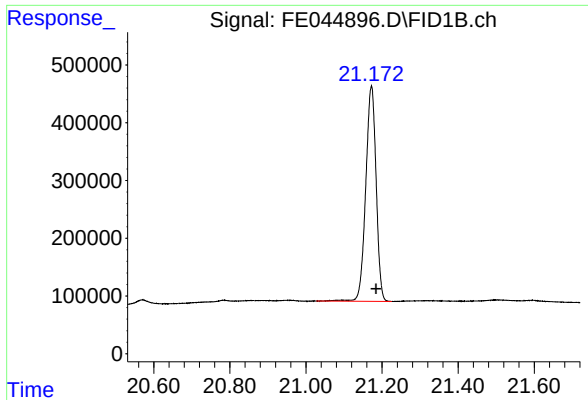
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.010 min
Response: 6697877
Conc: 44.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.012 min
Response: 6618748
Conc: 43.05 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: -0.012 min
Response: 7065932
Conc: 45.23 ug/ml

Instrument :

FID_E

ClientSampleId :

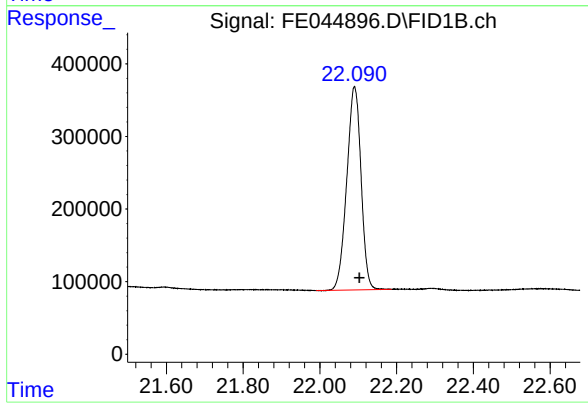
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#22 n-Tetracontane (C40)

R.T.: 22.090 min
Delta R.T.: -0.013 min
Response: 7230706
Conc: 43.27 ug/ml