

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092223AL\
 Data File : FE044406.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2023 16:25
 Operator : YP\AJ
 Sample : 04531-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-BCDMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :Ankita Jodhani 09/25/2023

Integration File: autoint1.e

Quant Time: Sep 23 02:13:17 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 31 03:37:37 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)	11.925	5476353	28.906 ug/ml
Spiked Amount 50.000		Recovery =	57.81%
12) S 1-chlorooctadecane (S...	13.363	4378900	31.697 ug/ml
Spiked Amount 50.000		Recovery =	63.39%
Target Compounds			
1) T n-Nonane (C9)	3.311	2812949	17.243 ug/ml
2) T n-Decane (C10)	4.563	3177793	19.119 ug/ml
3) T A~Naphthalene (C11.7)	6.264	3902257	21.792 ug/ml
4) T n-Dodecane (C12)	6.727	3844537	22.860 ug/ml
5) T A~2-methylnaphthalene...	7.360	4691888	27.368 ug/ml
6) T n-Tetradecane (C14)	8.556	5485892	32.711 ug/ml
7) T n-Hexadecane (C16)	10.164	6696058	38.742 ug/ml
8) T n-Octadecane (C18)	11.609	7050506	40.504 ug/ml
10) T n-Eicosane (C20)	12.920	7152705	43.242 ug/ml
11) T n-Heneicosane (C21)	13.532	6843690	42.309 ug/ml
13) T n-Docosane (C22)	14.119	6778454	42.429 ug/ml
14) T n-Tetracosane (C24)	15.207	12813523	81.939 ug/mlm
15) T n-Hexacosane (C26)	16.247	6383535	42.344 ug/ml
16) T n-Octacosane (C28)	17.195	6282596	43.535 ug/ml
17) T n-Tricontane (C30)	18.086	6233329	42.905 ug/ml
18) T n-Dotriacontane (C32)	18.918	6051404	42.482 ug/ml
19) T n-Tetratriacontane (C34)	19.702	6021105	43.027 ug/ml
20) T n-Hexatriacontane (C36)	20.443	5926500	43.229 ug/ml
21) T n-Octatriacontane (C38)	21.185	6146528	44.278 ug/ml
22) T n-Tetracontane (C40)	22.108	6364074	46.029 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Thu Aug 31 03:37:37 2023

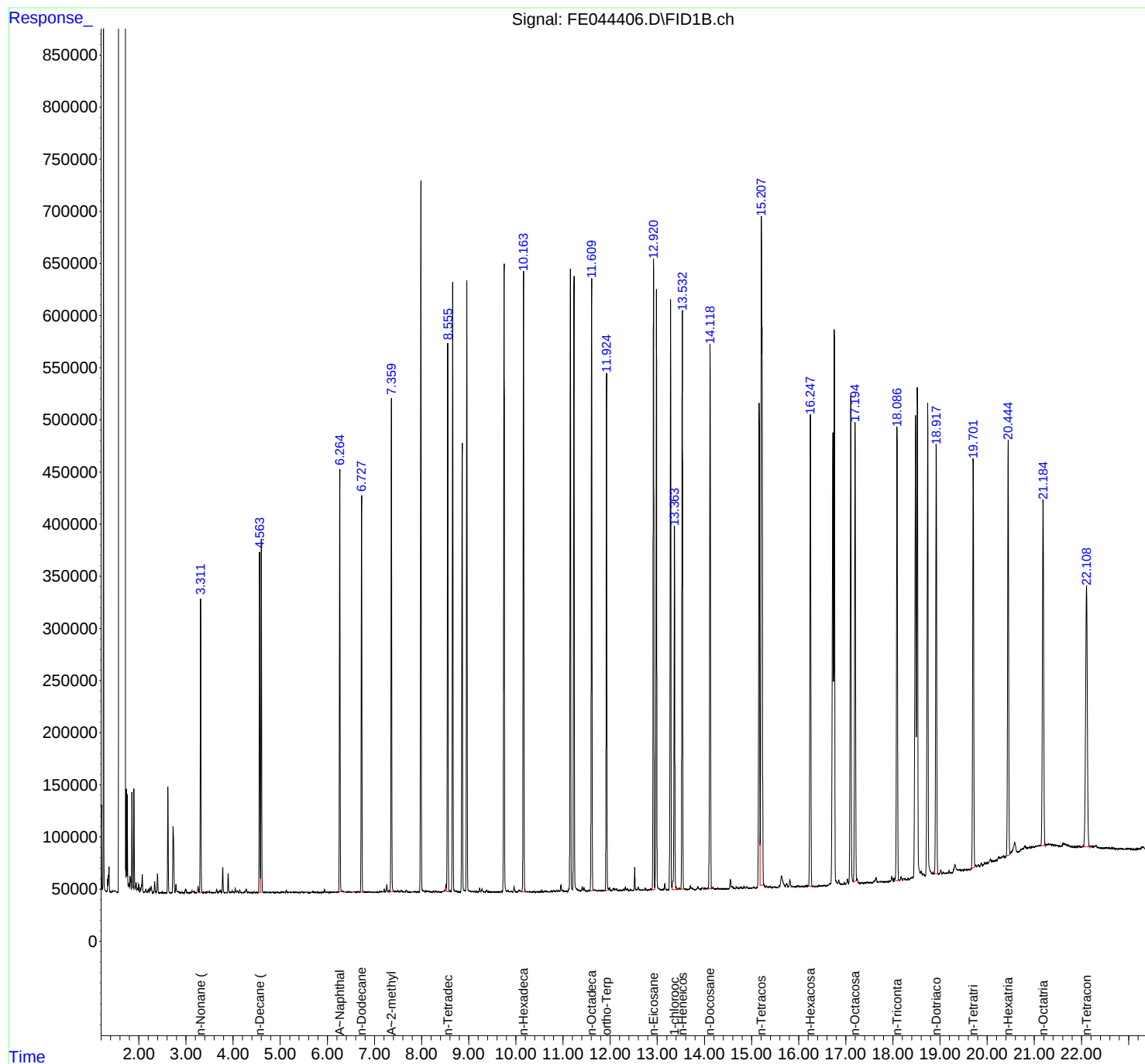
Response via : Initial Calibration

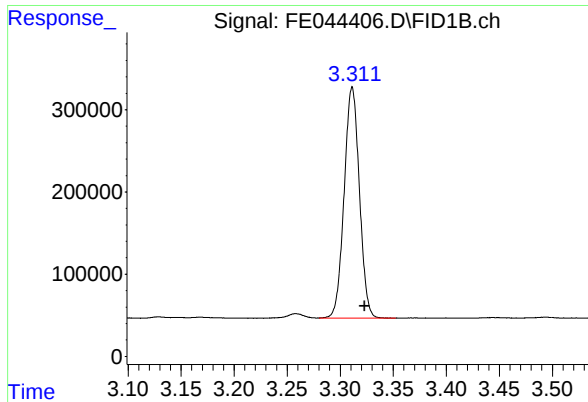
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





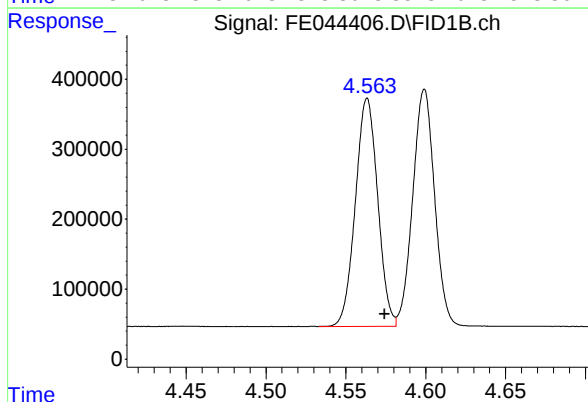
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.012 min
Response: 2812949
Conc: 17.24 ug/ml

Instrument :
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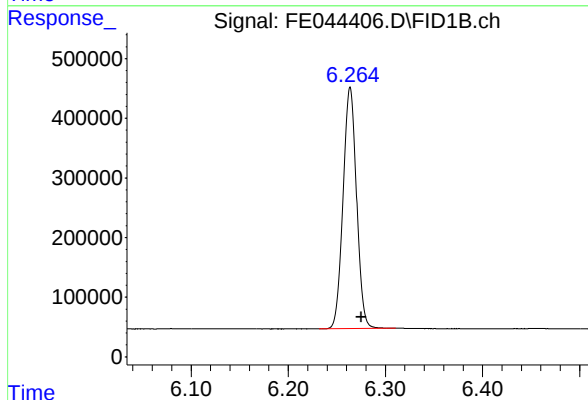
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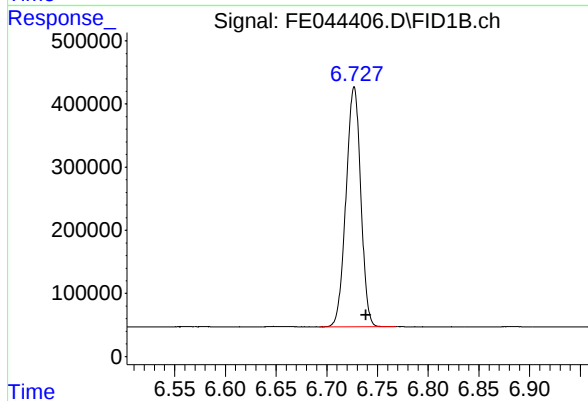
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.011 min
Response: 3177793
Conc: 19.12 ug/ml



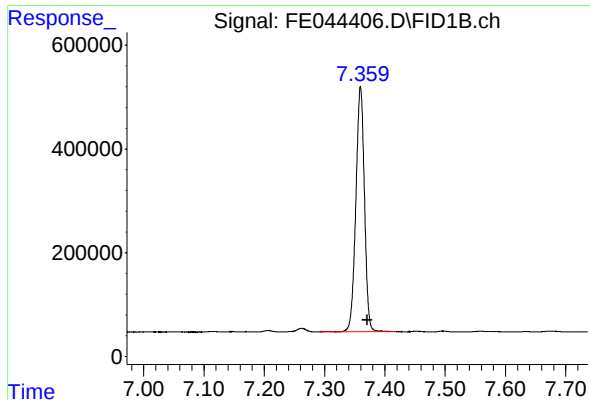
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.011 min
Response: 3902257
Conc: 21.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: -0.012 min
Response: 3844537
Conc: 22.86 ug/ml



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

R.T.: 7.360 min
Delta R.T.: -0.011 min
Response: 4691888
Conc: 27.37 ug/ml

Instrument :

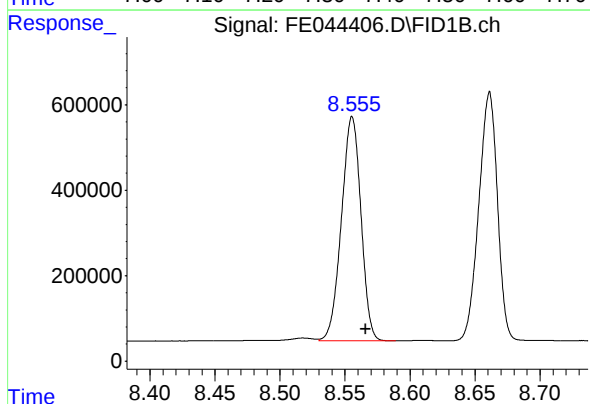
FID_E

ClientSampleId :

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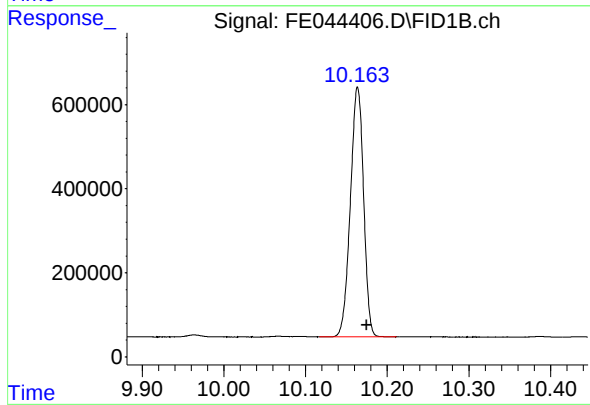
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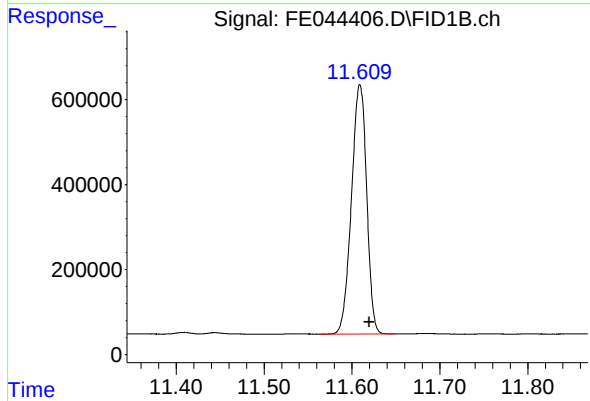
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: -0.010 min
Response: 5485892
Conc: 32.71 ug/ml



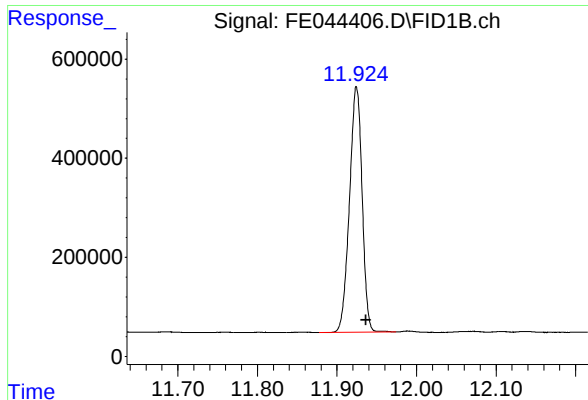
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.011 min
Response: 6696058
Conc: 38.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.011 min
Response: 7050506
Conc: 40.50 ug/ml



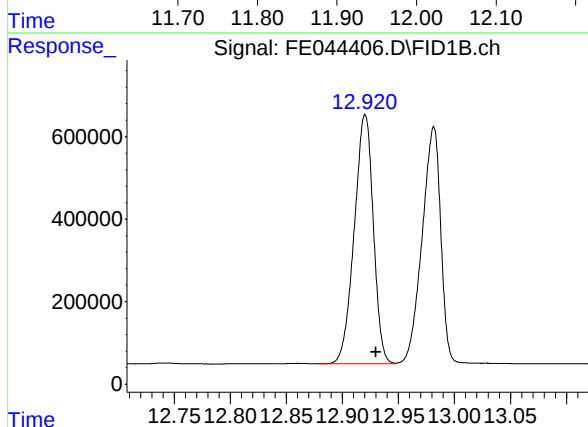
#9 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: -0.012 min
Response: 5476353
Conc: 28.91 ug/ml

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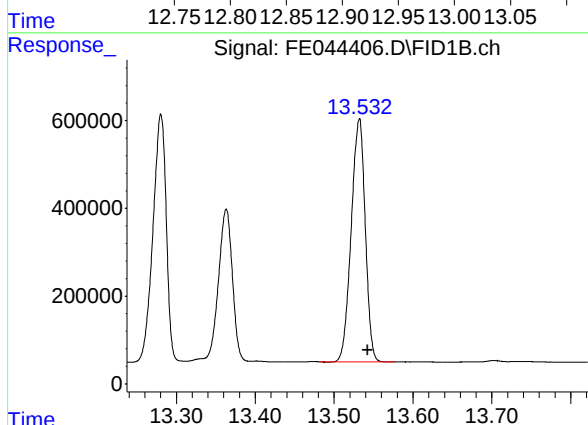
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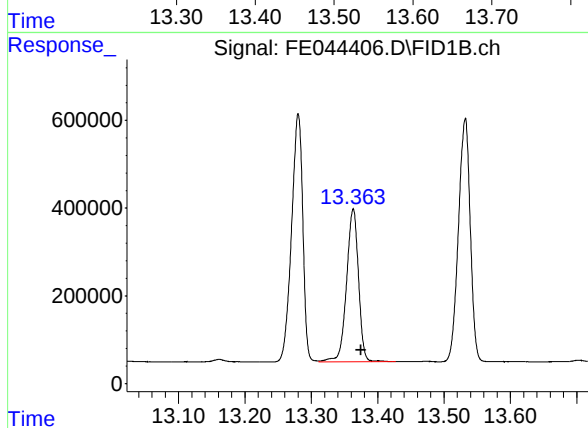
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.010 min
Response: 7152705
Conc: 43.24 ug/ml



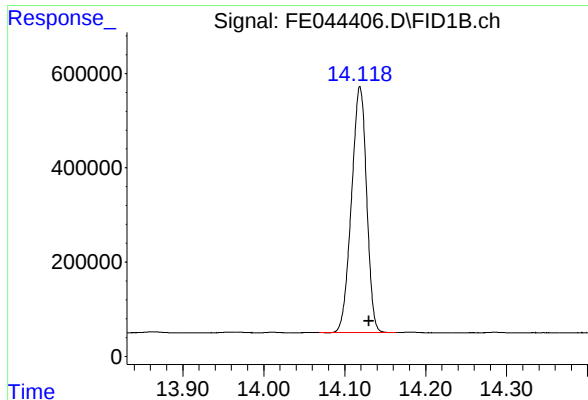
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.011 min
Response: 6843690
Conc: 42.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min
Delta R.T.: -0.012 min
Response: 4378900
Conc: 31.70 ug/ml



#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: -0.011 min
Response: 6778454
Conc: 42.43 ug/ml

Instrument :

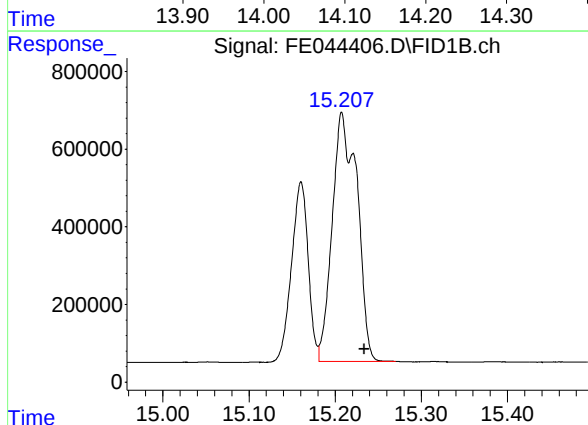
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ClientSampleId :

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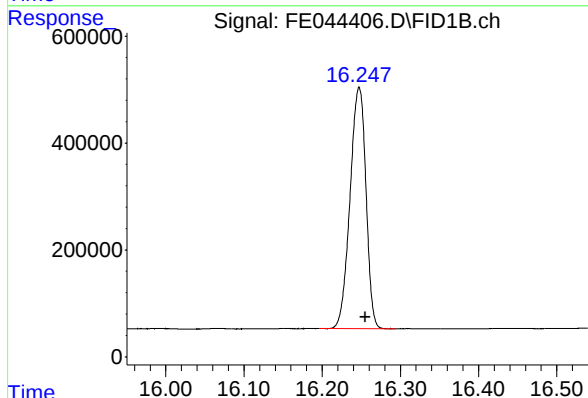
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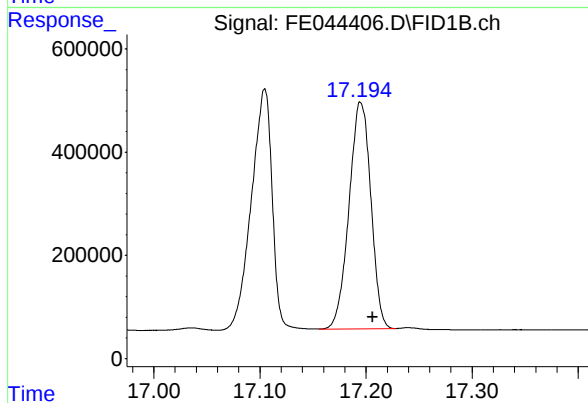
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.027 min
Response: 12813523
Conc: 81.94 ug/ml m



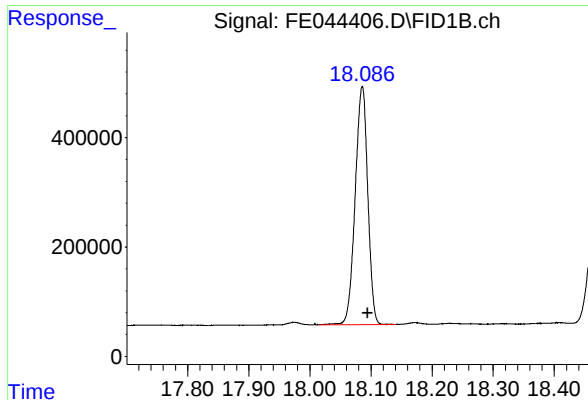
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.008 min
Response: 6383535
Conc: 42.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.195 min
Delta R.T.: -0.011 min
Response: 6282596
Conc: 43.54 ug/ml



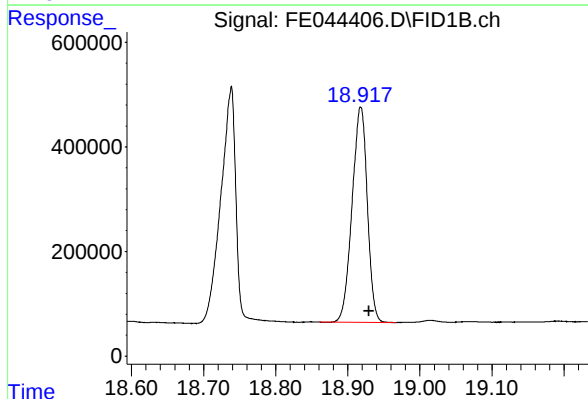
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.009 min
Response: 6233329
Conc: 42.91 ug/ml

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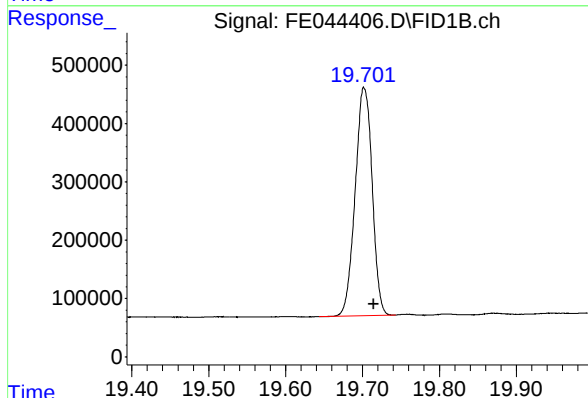
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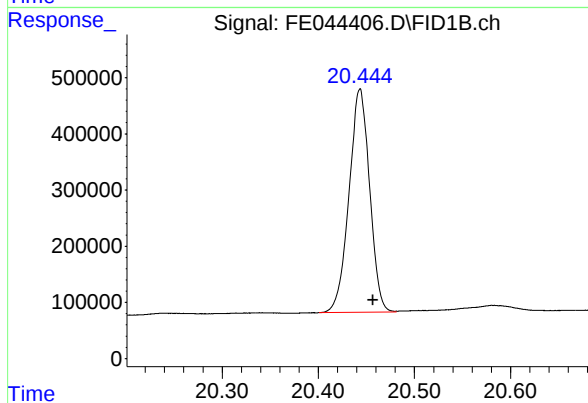
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.012 min
Response: 6051404
Conc: 42.48 ug/ml



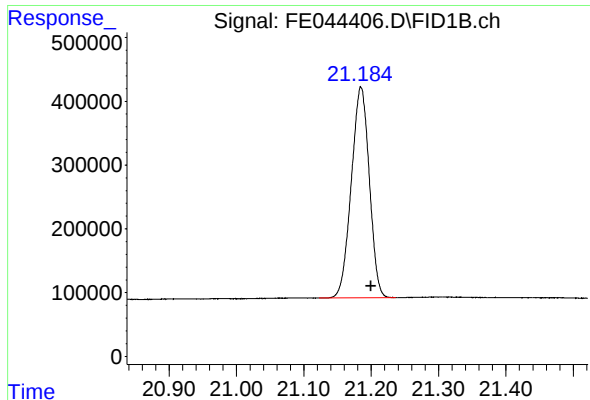
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.013 min
Response: 6021105
Conc: 43.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.443 min
Delta R.T.: -0.013 min
Response: 5926500
Conc: 43.23 ug/ml



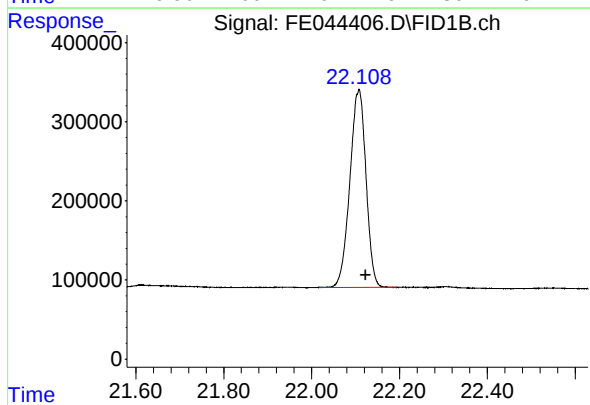
#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.015 min
Response: 6146528
Conc: 44.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: -0.016 min
Response: 6364074
Conc: 46.03 ug/ml