

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092923AL\
 Data File : FE044526.D
 Signal(s) : FID1B.ch
 Acq On : 29 Sep 2023 19:19
 Operator : YP\AJ
 Sample : 04668-05MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :Ankita Jodhani 10/02/2023

Integration File: autoint1.e
 Quant Time: Oct 02 07:51:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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			
Target Compounds			
1) T n-Nonane (C9)	3.310	5088964	31.345 ug/ml
2) T n-Decane (C10)	4.563	6488703	39.185 ug/ml
3) T A~Naphthalene (C11.7)	6.264	7445296	41.643 ug/ml
4) T n-Dodecane (C12)	6.727	8174390	49.145 ug/ml
5) T A~2-methylnaphthalene...	7.361	8691818	50.803 ug/mlm
6) T n-Tetradecane (C14)	8.574	7664030	46.684 ug/mlm
7) T n-Hexadecane (C16)	10.163	1772664	10.464 ug/mlm
8) T n-Octadecane (C18)	11.608	1771095	10.431 ug/mlm
10) T n-Eicosane (C20)	12.911	1365050	8.484 ug/mlm
11) T n-Heneicosane (C21)	13.539	612595	3.912 ug/mlm
13) T n-Docosane (C22)	14.127	2323596	15.066 ug/mlm
14) T n-Tetracosane (C24)	15.249	9928359	65.678 ug/mlm
15) T n-Hexacosane (C26)	16.255	7225679	49.122 ug/mlm
16) T n-Octacosane (C28)	17.197	7143805	49.810 ug/ml
17) T n-Tricontane (C30)	18.086	7131832	48.112 ug/ml
18) T n-Dotriacontane (C32)	18.918	7300861	49.318 ug/ml
19) T n-Tetratriacontane (C34)	19.703	7275353	49.782 ug/ml
20) T n-Hexatriacontane (C36)	20.445	7004206	48.287 ug/ml
21) T n-Octatriacontane (C38)	21.186	7426793	49.582 ug/ml
22) T n-Tetracontane (C40)	22.106	7717695	48.905 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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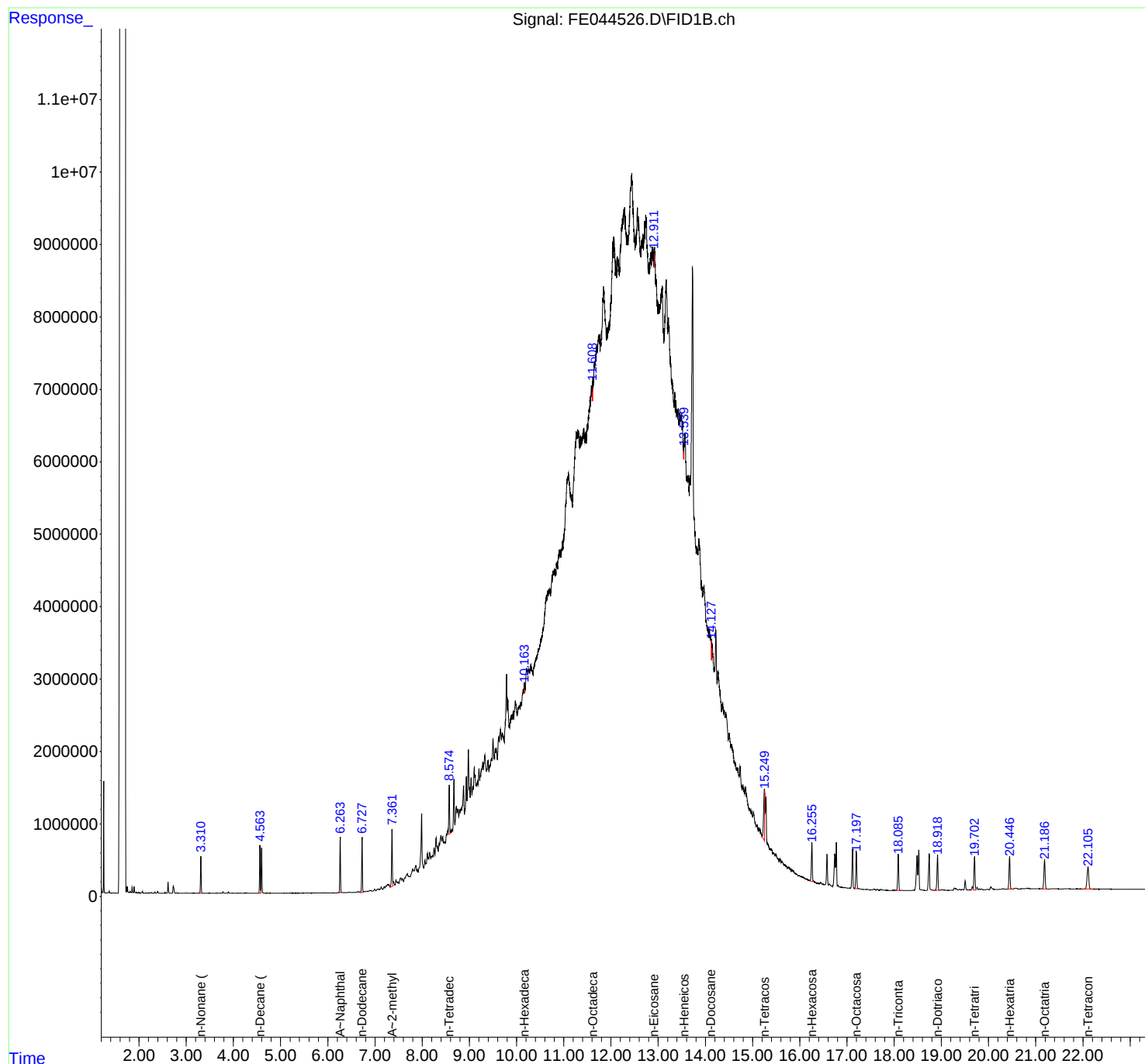
Instrument :
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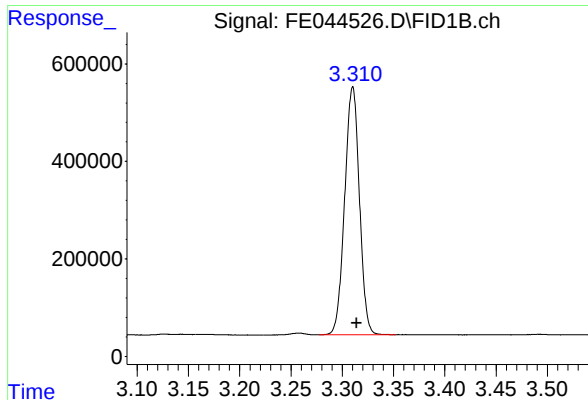
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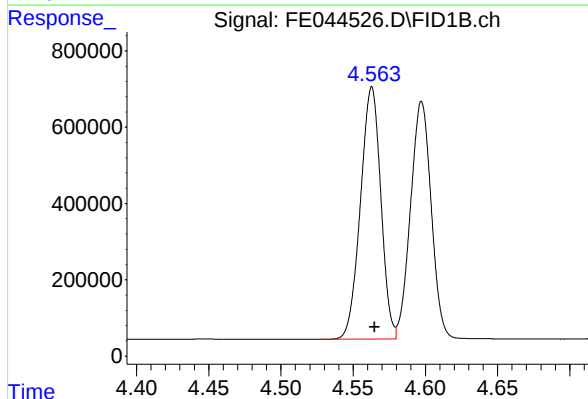
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.004 min
Response: 5088964
Conc: 31.35 ug/ml

Instrument :
FID_E
ClientSampleId :

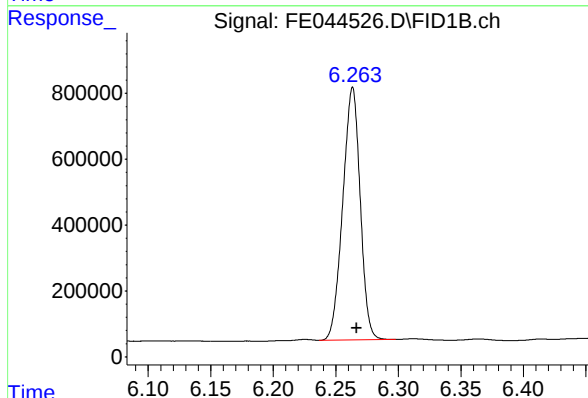
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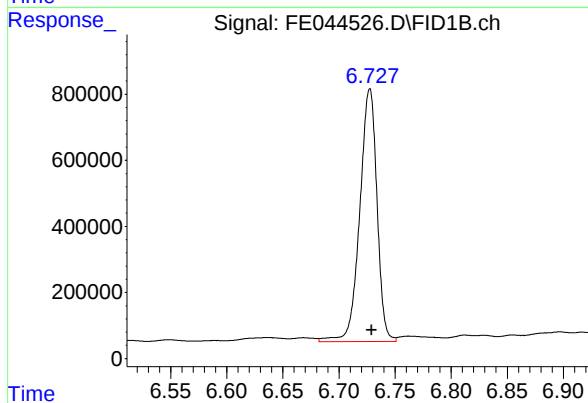
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 6488703
Conc: 39.19 ug/ml



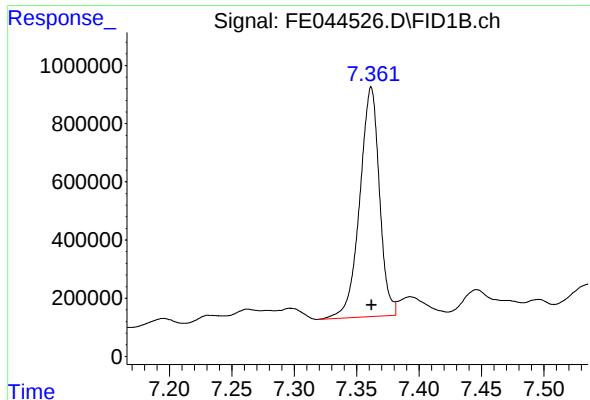
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.003 min
Response: 7445296
Conc: 41.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 8174390
Conc: 49.14 ug/ml



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

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 8691818
Conc: 50.80 ug/ml

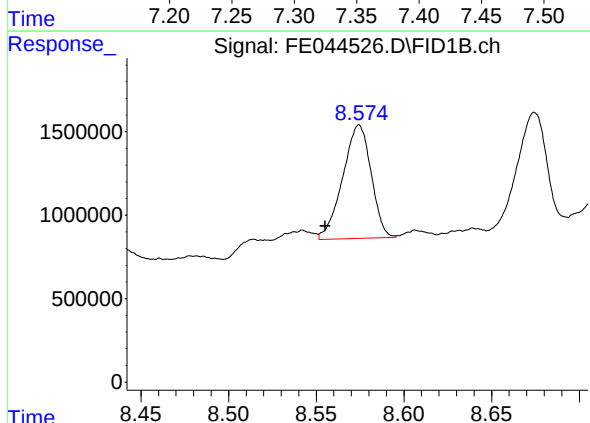
Instrument :

FID_E

ClientSampleId :

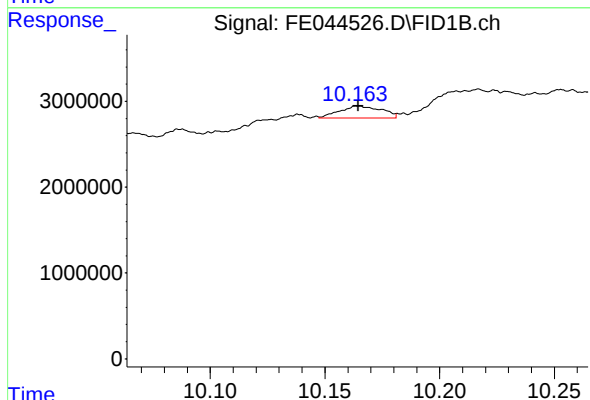
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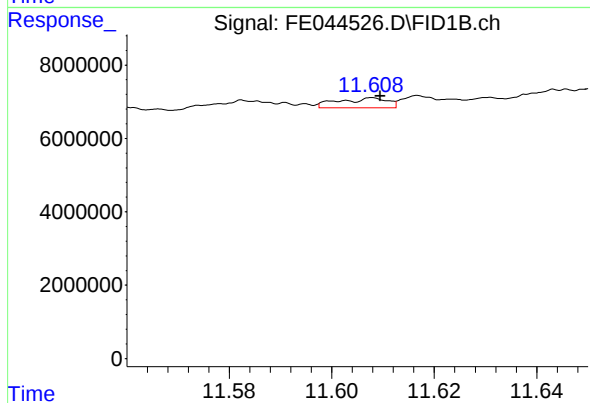
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: 0.019 min
Response: 7664030
Conc: 46.68 ug/ml m



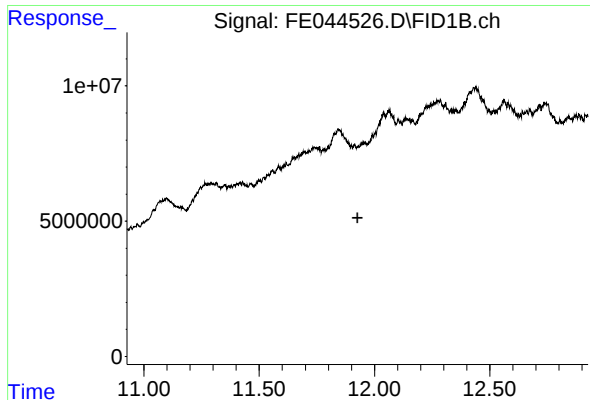
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.002 min
Response: 1772664
Conc: 10.46 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.002 min
Response: 1771095
Conc: 10.43 ug/ml m



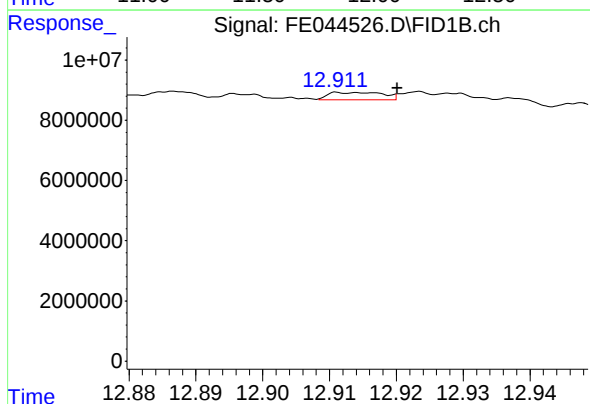
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.926 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :

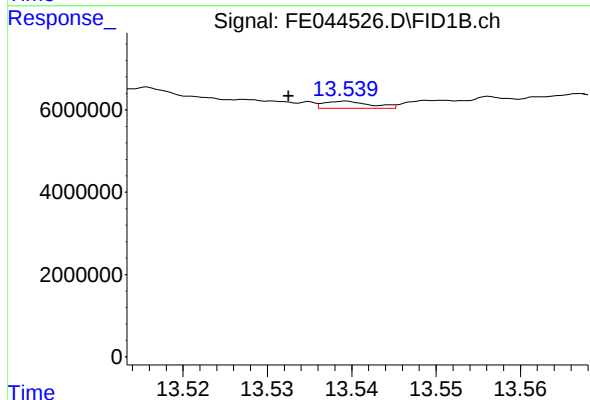
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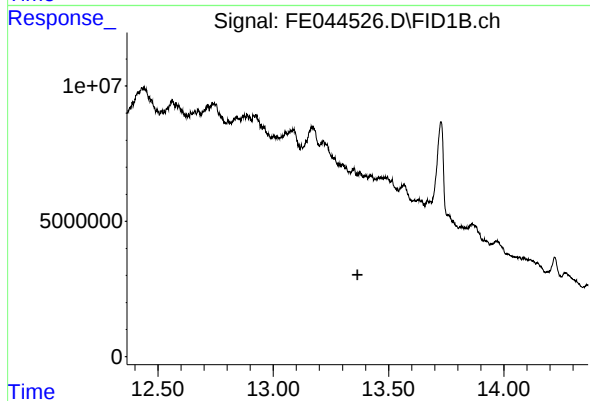
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: -0.009 min
Response: 1365050
Conc: 8.48 ug/ml m



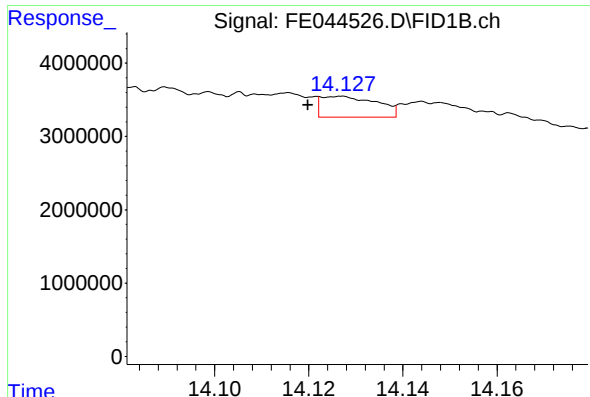
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: 0.007 min
Response: 612595
Conc: 3.91 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 13.365 min
Response: 0
Conc: N.D.



#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: 0.007 min
Response: 2323596
Conc: 15.07 ug/ml

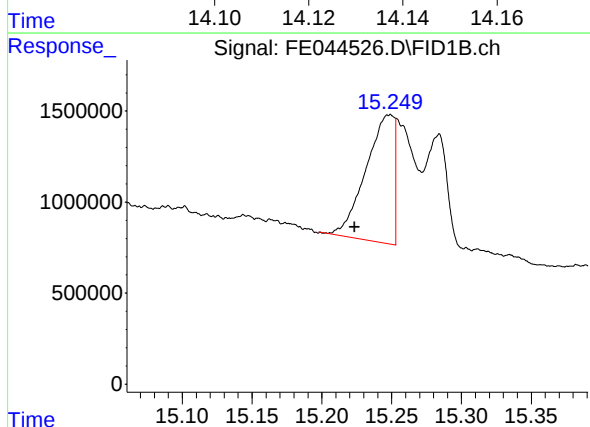
Instrument :

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ClientSampleId :

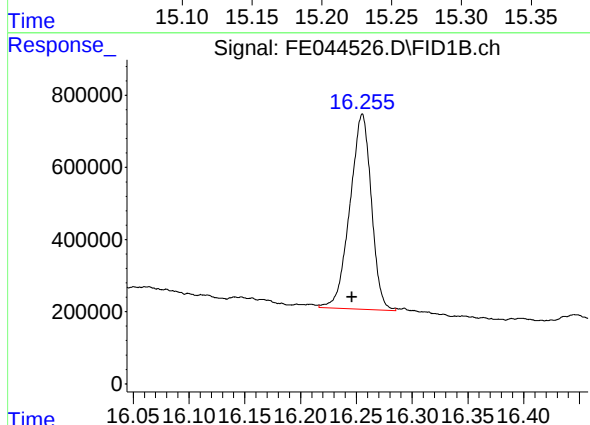
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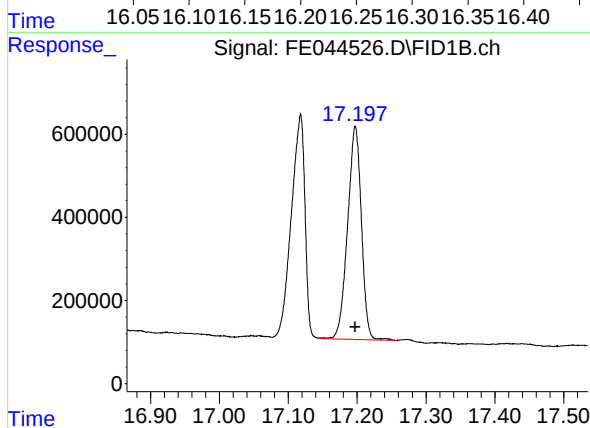
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: 0.026 min
Response: 9928359
Conc: 65.68 ug/ml m



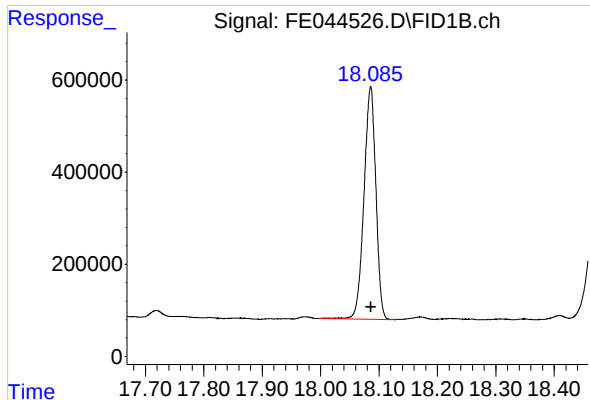
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.009 min
Response: 7225679
Conc: 49.12 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.197 min
Delta R.T.: 0.000 min
Response: 7143805
Conc: 49.81 ug/ml



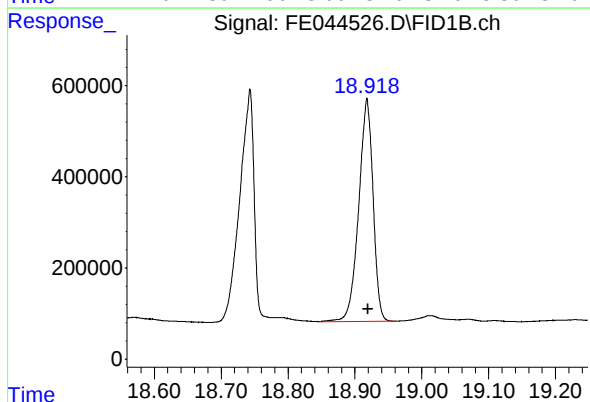
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 7131832
Conc: 48.11 ug/ml

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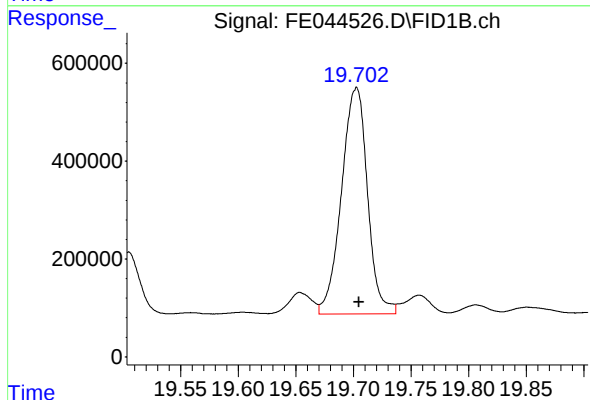
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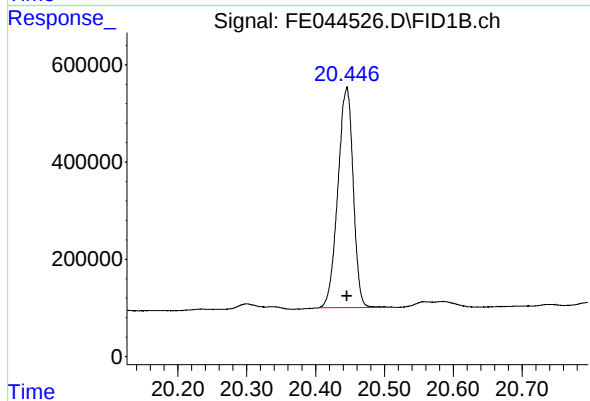
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.002 min
Response: 7300861
Conc: 49.32 ug/ml



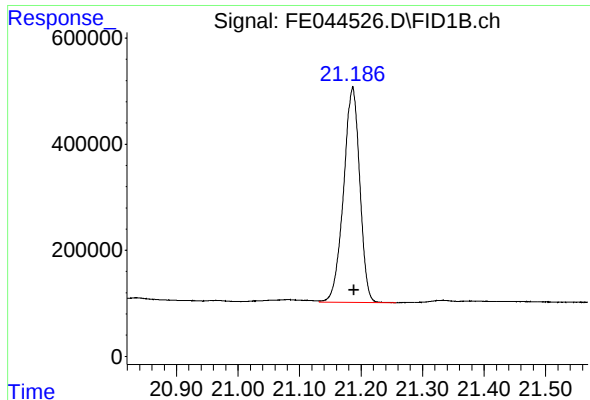
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.002 min
Response: 7275353
Conc: 49.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 7004206
Conc: 48.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.002 min
Response: 7426793
Conc: 49.58 ug/ml

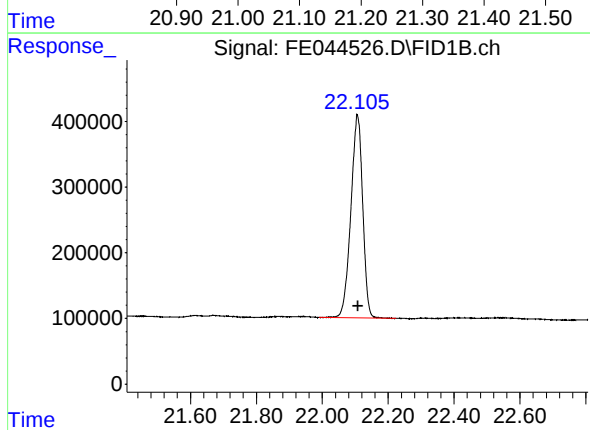
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#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: -0.003 min
Response: 7717695
Conc: 48.90 ug/ml