

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090624AL\
 Data File : FE049949.D
 Signal(s) : FID1B.ch
 Acq On : 06 Sep 2024 15:27
 Operator : YP\AJ
 Sample : PB163180BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB163180BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2024
 Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e
 Quant Time: Sep 07 00:59:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 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)	11.884	6276632	38.814 ug/ml
Spiked Amount 50.000		Recovery =	77.63%
12) S 1-chlorooctadecane (S...	13.318	5167115	42.351 ug/ml
Spiked Amount 50.000		Recovery =	84.70%
Target Compounds			
1) T n-Nonane (C9)	3.279	6668095	43.088 ug/ml
2) T n-Decane (C10)	4.526	7256654	45.960 ug/ml
3) T A~Naphthalene (C11.7)	6.231	7625275	47.523 ug/ml
4) T n-Dodecane (C12)	6.690	7664171	48.751 ug/ml
5) T A~2-methylnaphthalene...	7.326	7376672	49.259 ug/ml
6) T n-Tetradecane (C14)	8.518	7699932	49.877 ug/ml
7) T n-Hexadecane (C16)	10.123	7578379	48.523 ug/ml
8) T n-Octadecane (C18)	11.565	7669440	48.834 ug/ml
10) T n-Eicosane (C20)	12.875	7652377	51.253 ug/ml
11) T n-Heneicosane (C21)	13.485	7430384	50.651 ug/ml
13) T n-Docosane (C22)	14.070	7316816	50.200 ug/ml
14) T n-Tetracosane (C24)	15.169	13414532	92.218 ug/ml
15) T n-Hexacosane (C26)	16.193	7141094	49.479 ug/ml
16) T n-Octacosane (C28)	17.141	7818817	54.283 ug/ml
17) T n-Tricontane (C30)	18.028	7329332	48.959 ug/ml
18) T n-Dotriacontane (C32)	18.858	7460580	49.316 ug/mlm
19) T n-Tetratriacontane (C34)	19.642	7764404	50.787 ug/ml
20) T n-Hexatriacontane (C36)	20.381	7849320	51.690 ug/ml
21) T n-Octatriacontane (C38)	21.110	8041009	51.232 ug/ml
22) T n-Tetracontane (C40)	22.005	7833001	51.304 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163180BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

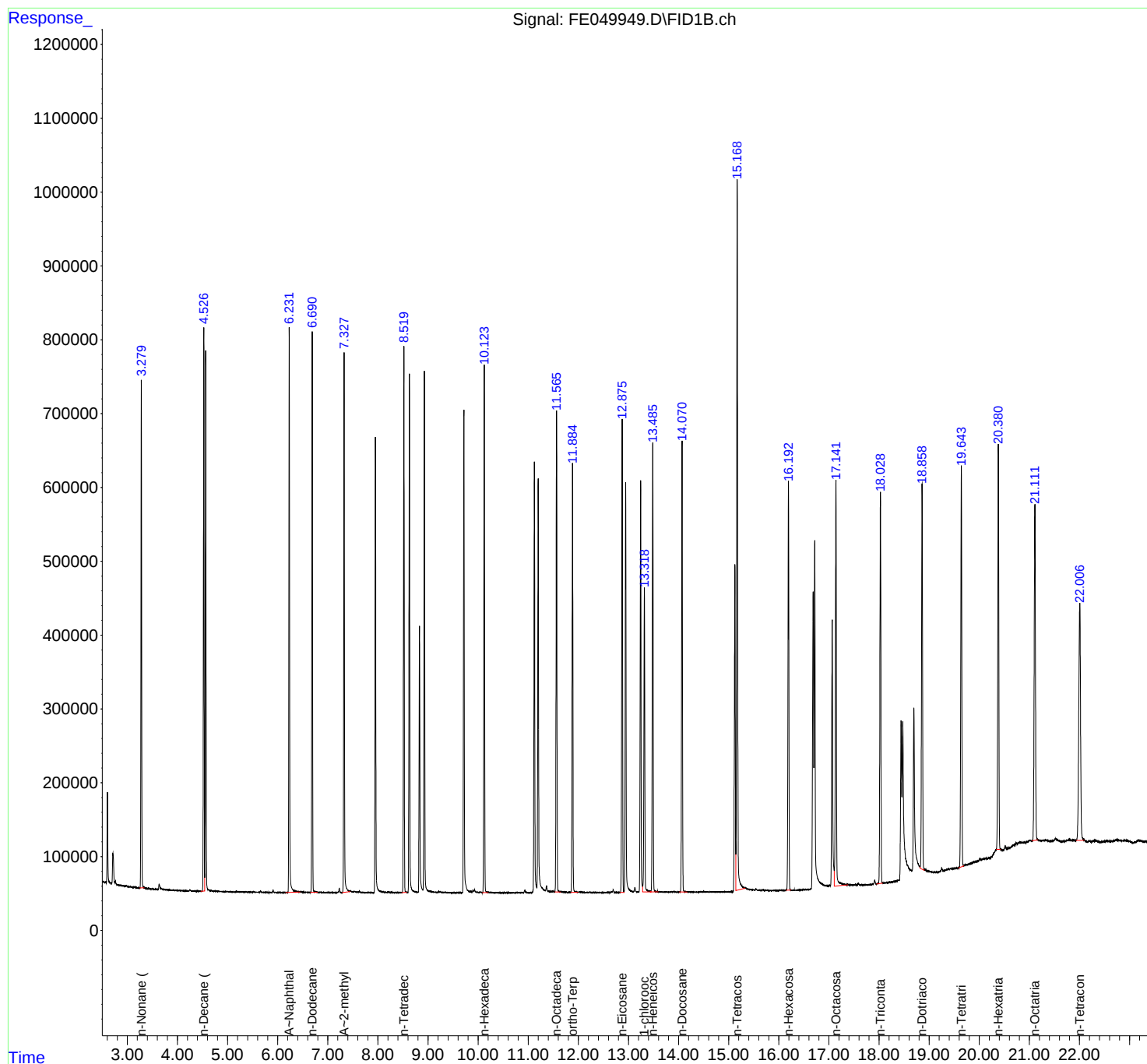
Instrument :
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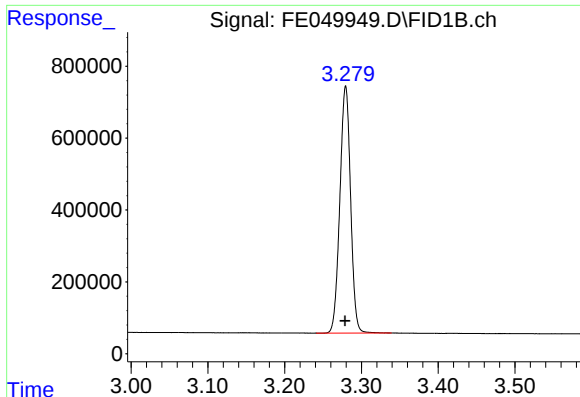
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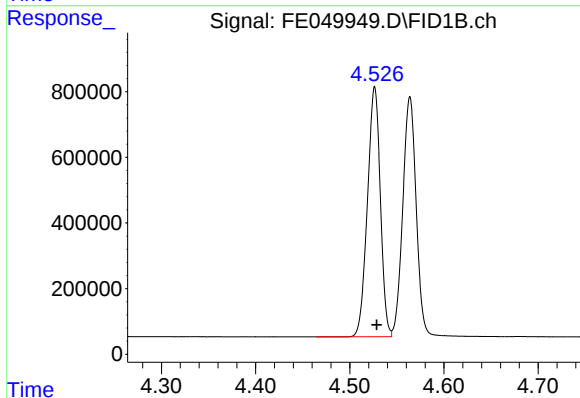
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 6668095
Conc: 43.09 ug/ml

Instrument :
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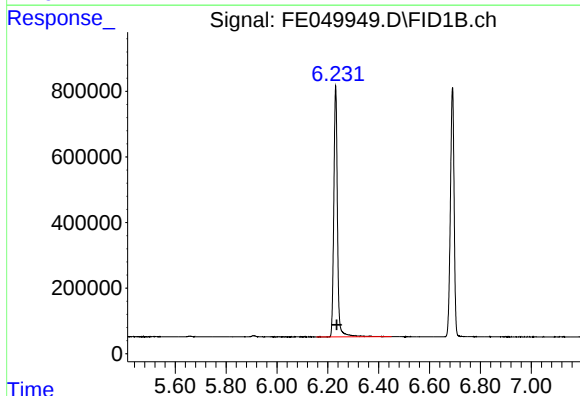
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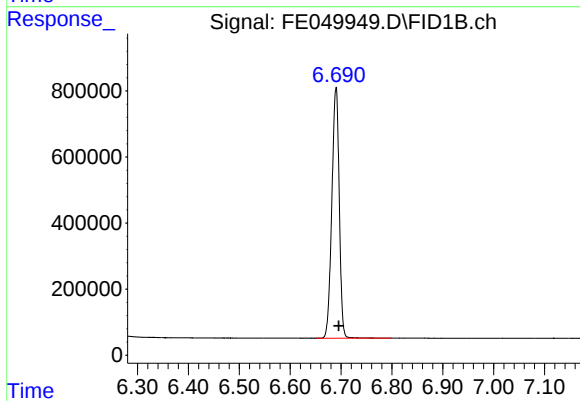
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 7256654
Conc: 45.96 ug/ml



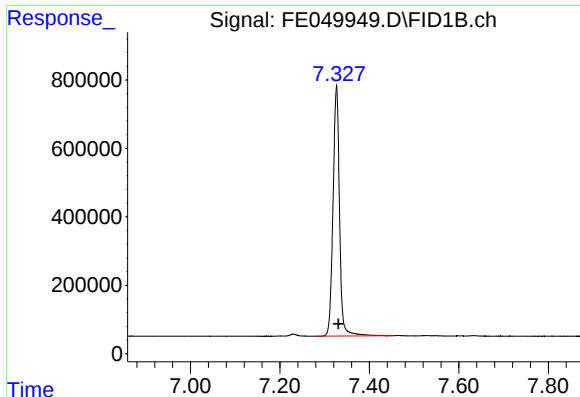
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 7625275
Conc: 47.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: -0.006 min
Response: 7664171
Conc: 48.75 ug/ml



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

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 7376672
Conc: 49.26 ug/ml

Instrument :

FID_E

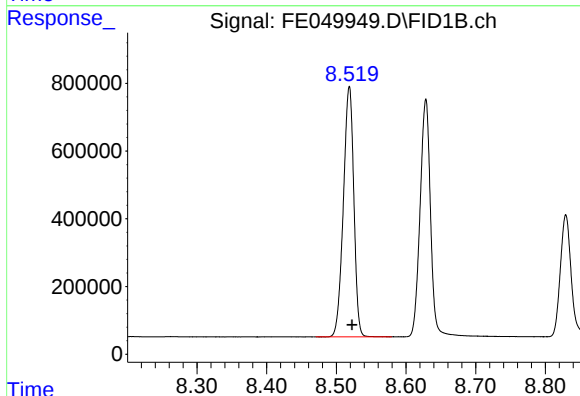
ClientSampleId :

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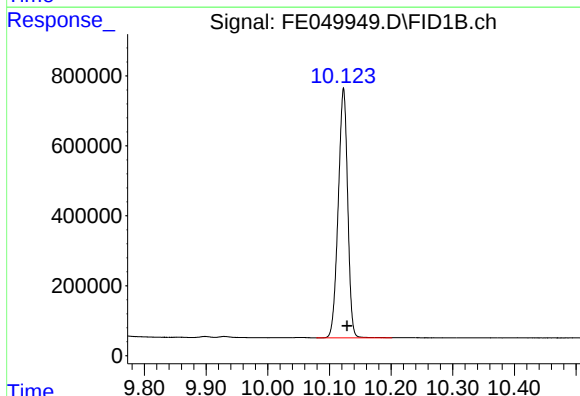
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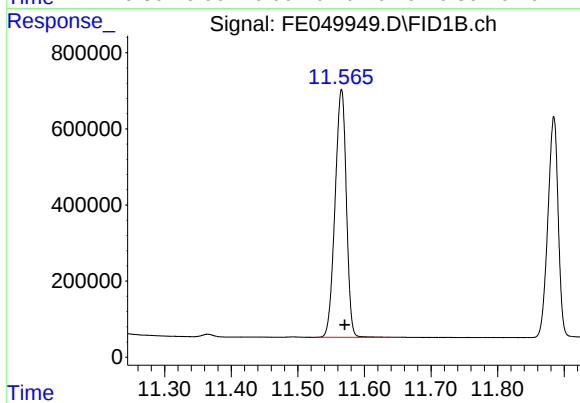
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: -0.004 min
Response: 7699932
Conc: 49.88 ug/ml



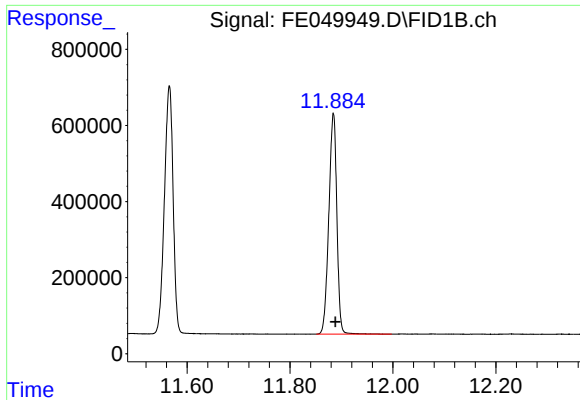
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: -0.006 min
Response: 7578379
Conc: 48.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.565 min
Delta R.T.: -0.005 min
Response: 7669440
Conc: 48.83 ug/ml



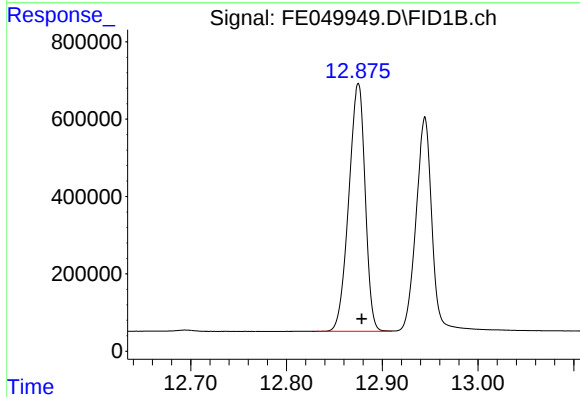
#9 ortho-Terphenyl (SURR)

R.T.: 11.884 min
Delta R.T.: -0.004 min
Response: 6276632
Conc: 38.81 ug/ml

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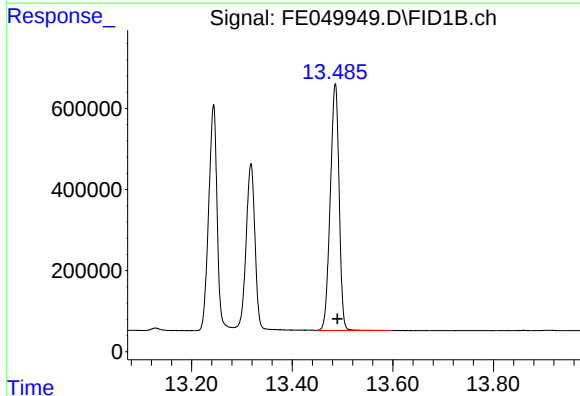
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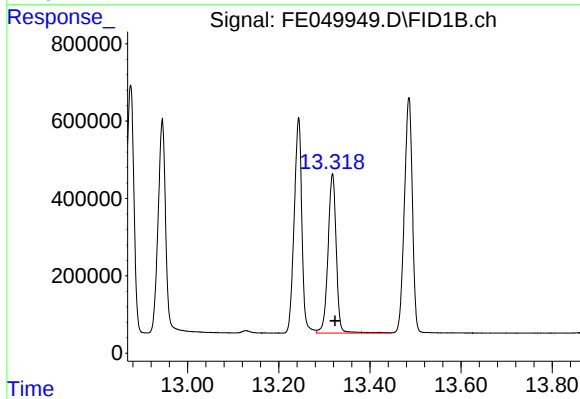
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.004 min
Response: 7652377
Conc: 51.25 ug/ml



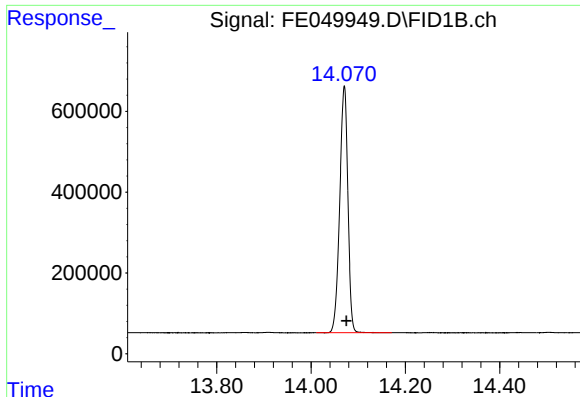
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.005 min
Response: 7430384
Conc: 50.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: -0.006 min
Response: 5167115
Conc: 42.35 ug/ml



#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: -0.005 min
Response: 7316816
Conc: 50.20 ug/ml

Instrument :

FID_E

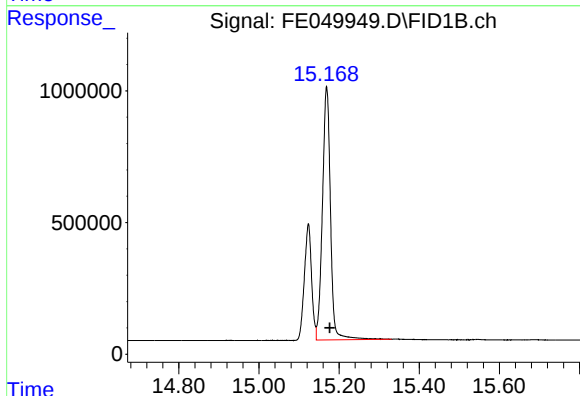
ClientSampleId :

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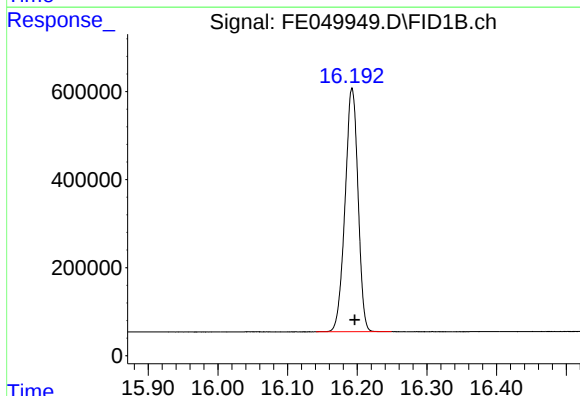
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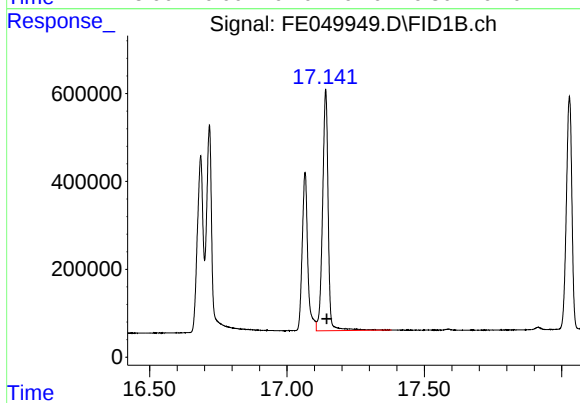
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: -0.008 min
Response: 13414532
Conc: 92.22 ug/ml



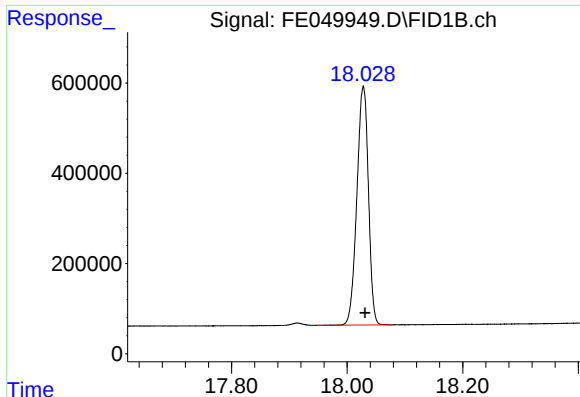
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: -0.004 min
Response: 7141094
Conc: 49.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: -0.004 min
Response: 7818817
Conc: 54.28 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: -0.003 min
Response: 7329332
Conc: 48.96 ug/ml

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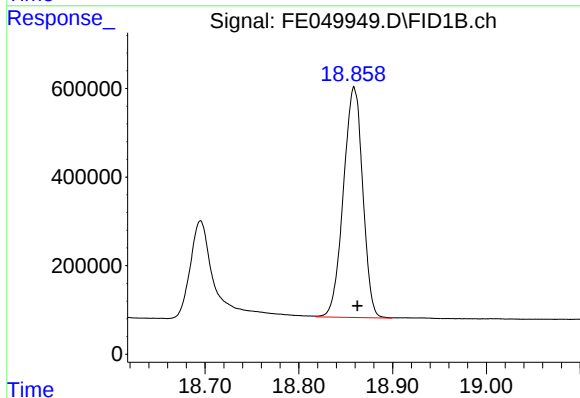
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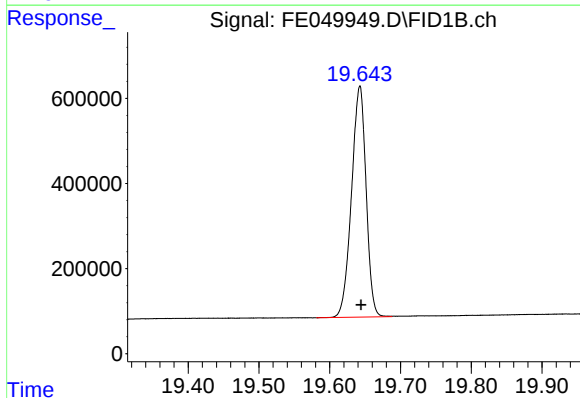
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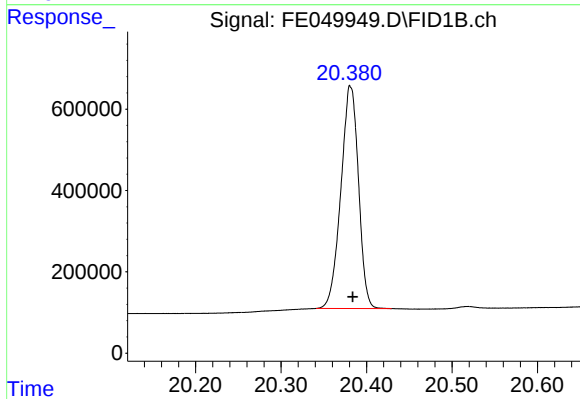
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: -0.004 min
Response: 7460580
Conc: 49.32 ug/ml m



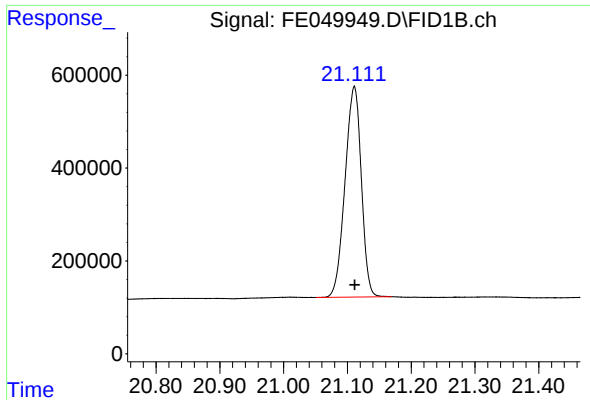
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.002 min
Response: 7764404
Conc: 50.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: -0.003 min
Response: 7849320
Conc: 51.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.001 min
Response: 8041009
Conc: 51.23 ug/ml

Instrument :

FID_E

ClientSampleId :

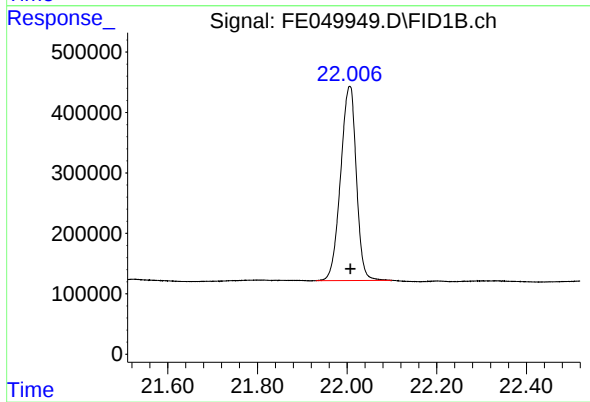
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#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.002 min
Response: 7833001
Conc: 51.30 ug/ml