

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
 Data File : FE045586.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2023 10:20
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 12/01/2023
 Supervised By :Ankita
 Jodhani
 12/01/2023

Integration File: autoint1.e
 Quant Time: Nov 30 11:41:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 30 11:36:32 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)	11.866	9831376	49.282 ug/ml
Spiked Amount 50.000		Recovery =	98.56%
12) S 1-chlorooctadecane (S...	13.307	7498261	49.354 ug/ml
Spiked Amount 50.000		Recovery =	98.71%
Target Compounds			
1) T n-Nonane (C9)	3.253	7506080	49.254 ug/ml
2) T n-Decane (C10)	4.504	7589802	49.200 ug/ml
3) T A~Naphthalene (C11.7)	6.202	8402959	49.313 ug/ml
4) T n-Dodecane (C12)	6.670	7688885	49.218 ug/ml
5) T A~2-methylnaphthalene...	7.299	8270992	49.346 ug/ml
6) T n-Tetradecane (C14)	8.497	7681916	49.262 ug/ml
7) T n-Hexadecane (C16)	10.107	7907871	49.238 ug/ml
8) T n-Octadecane (C18)	11.552	8152112	49.275 ug/ml
10) T n-Eicosane (C20)	12.863	8135857	49.317 ug/ml
11) T n-Heneicosane (C21)	13.475	8137053	49.335 ug/ml
13) T n-Docosane (C22)	14.063	8167208	49.446 ug/ml
14) T n-Tetracosane (C24)	15.168	8254585	49.482 ug/ml
15) T n-Hexacosane (C26)	16.191	8243332	49.514 ug/ml
16) T n-Octacosane (C28)	17.142	8147091	49.585 ug/ml
17) T n-Tricontane (C30)	18.031	8184783	49.601 ug/ml
18) T n-Dotriacontane (C32)	18.865	8079038	49.715 ug/mlm
19) T n-Tetratriacontane (C34)	19.651	7709380	49.573 ug/ml
20) T n-Hexatriacontane (C36)	20.391	7390739	49.264 ug/ml
21) T n-Octatriacontane (C38)	21.126	7210393	49.727 ug/ml
22) T n-Tetracontane (C40)	22.029	6904640	49.987 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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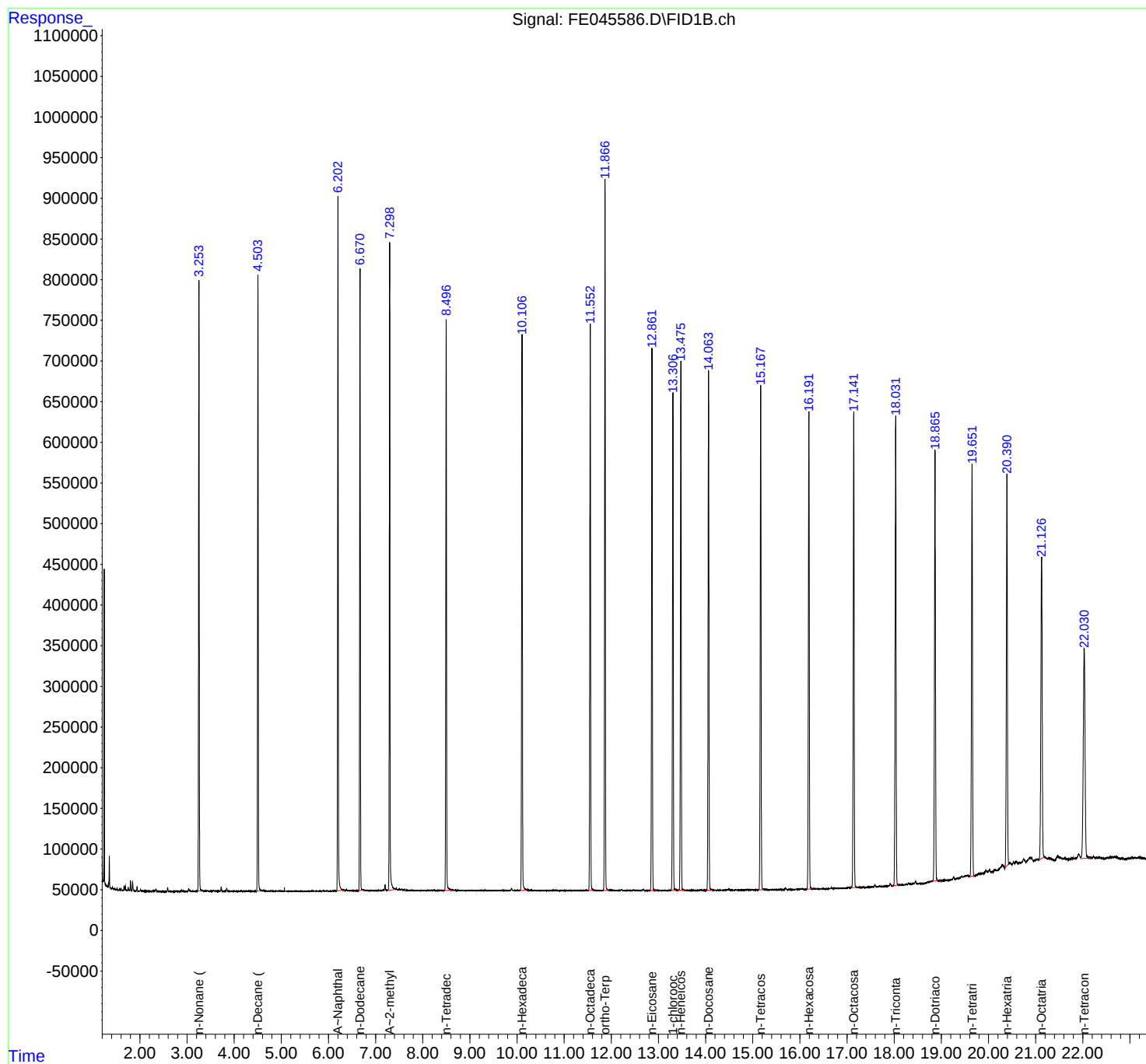
Reviewed By :Yogesh
Patel

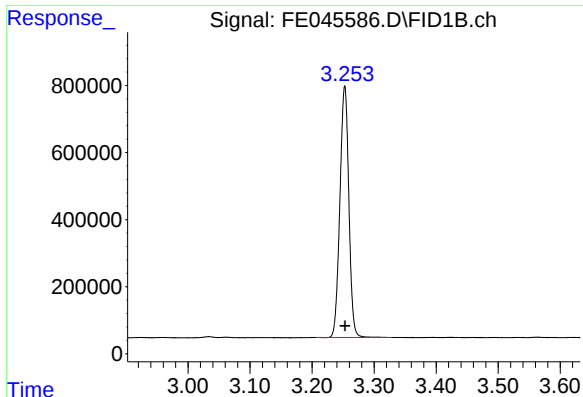
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Jodhani
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#1 n-Nonane (C9)

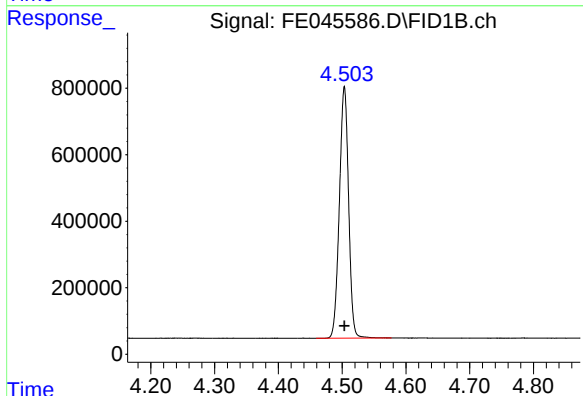
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 7506080
Conc: 49.25 ug/ml

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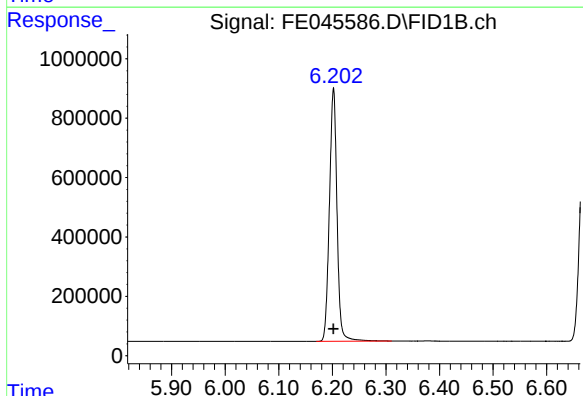
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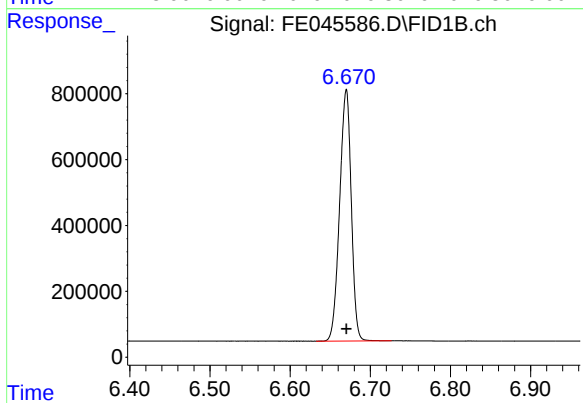
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 7589802
Conc: 49.20 ug/ml



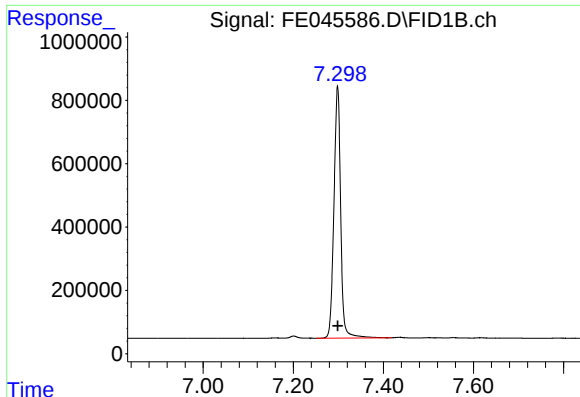
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 8402959
Conc: 49.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 7688885
Conc: 49.22 ug/ml



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

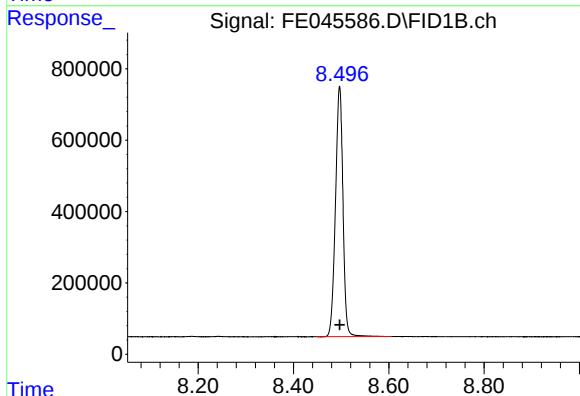
R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 8270992
Conc: 49.35 ug/ml

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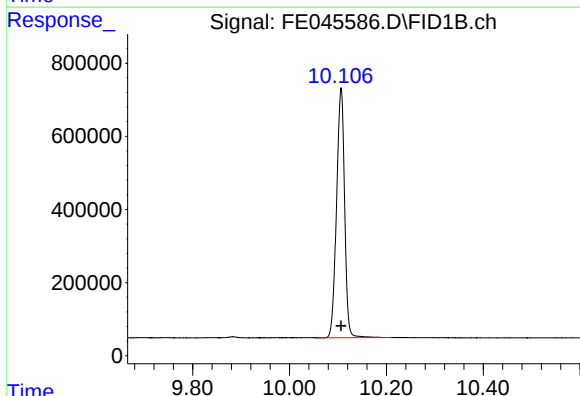
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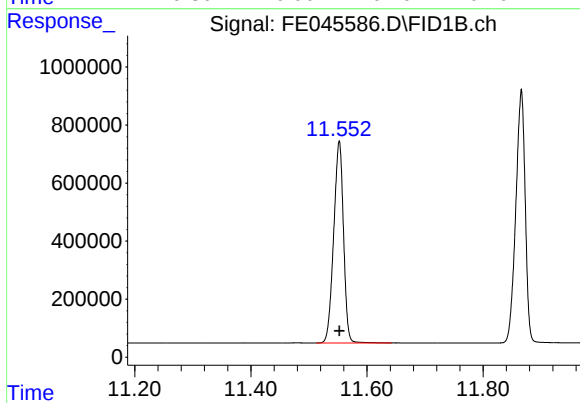
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 7681916
Conc: 49.26 ug/ml



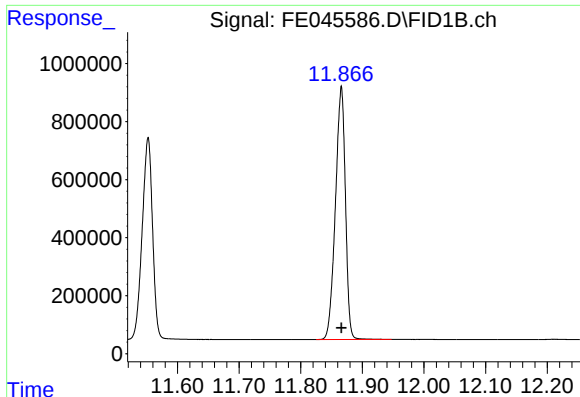
#7 n-Hexadecane (C16)

R.T.: 10.107 min
Delta R.T.: 0.000 min
Response: 7907871
Conc: 49.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.552 min
Delta R.T.: 0.000 min
Response: 8152112
Conc: 49.27 ug/ml



#9 ortho-Terphenyl (SURR)

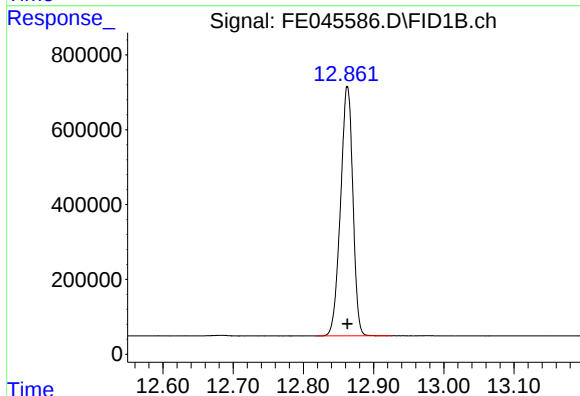
R.T.: 11.866 min
Delta R.T.: 0.000 min
Response: 9831376
Conc: 49.28 ug/ml

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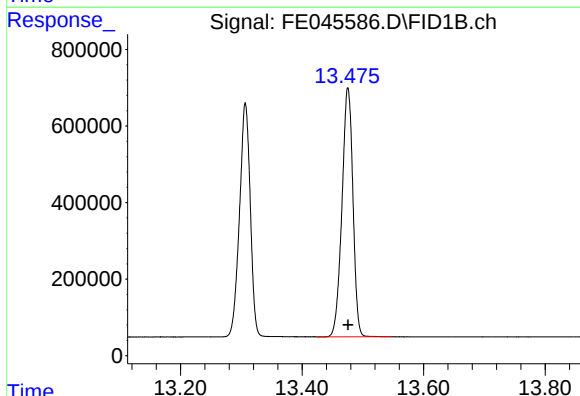
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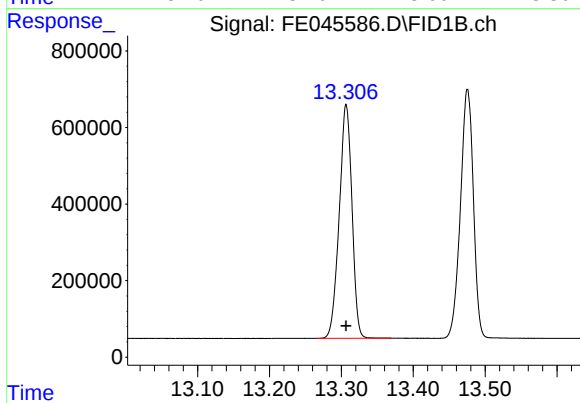
#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: 0.000 min
Response: 8135857
Conc: 49.32 ug/ml



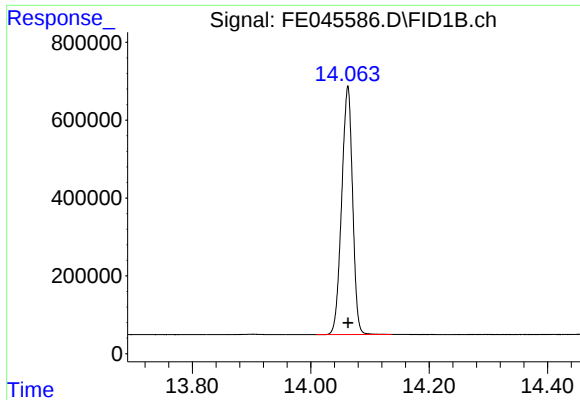
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: 0.000 min
Response: 8137053
Conc: 49.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.307 min
Delta R.T.: 0.000 min
Response: 7498261
Conc: 49.35 ug/ml



#13 n-Docosane (C22)

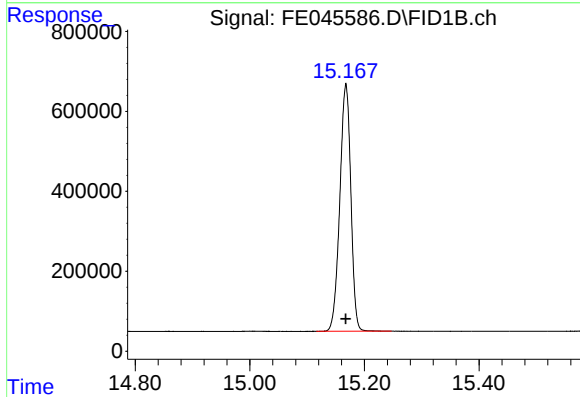
R.T.: 14.063 min
Delta R.T.: 0.000 min
Response: 8167208
Conc: 49.45 ug/ml

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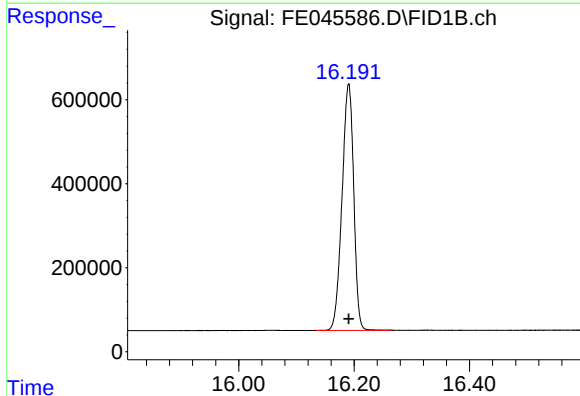
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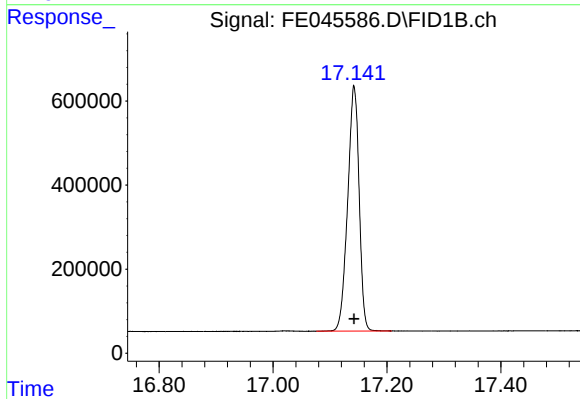
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: 0.000 min
Response: 8254585
Conc: 49.48 ug/ml



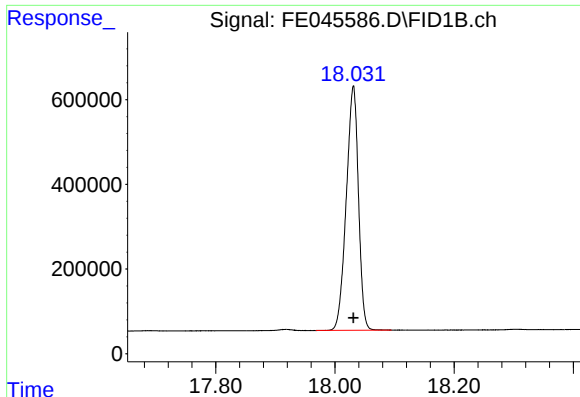
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: 0.000 min
Response: 8243332
Conc: 49.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: 0.000 min
Response: 8147091
Conc: 49.58 ug/ml



#17 n-Tricontane (C30)

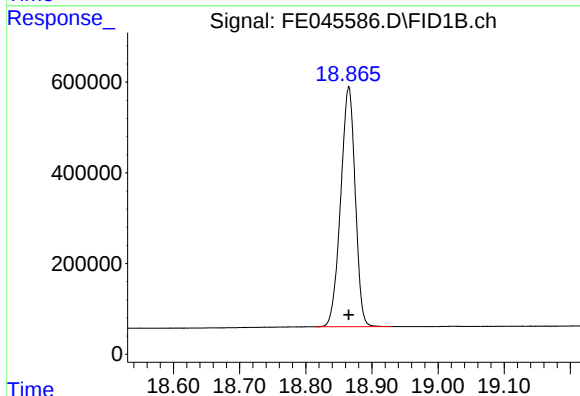
R.T.: 18.031 min
Delta R.T.: 0.000 min
Response: 8184783
Conc: 49.60 ug/ml

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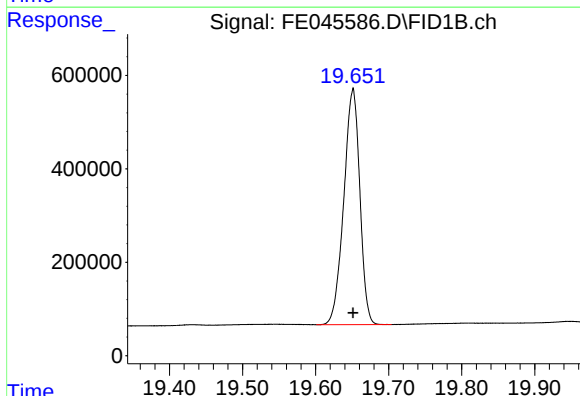
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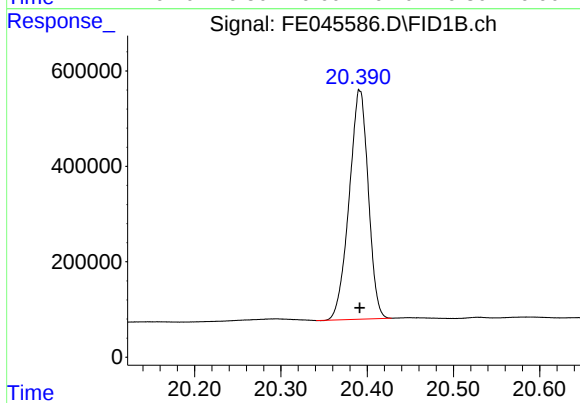
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: 0.000 min
Response: 8079038
Conc: 49.72 ug/ml m



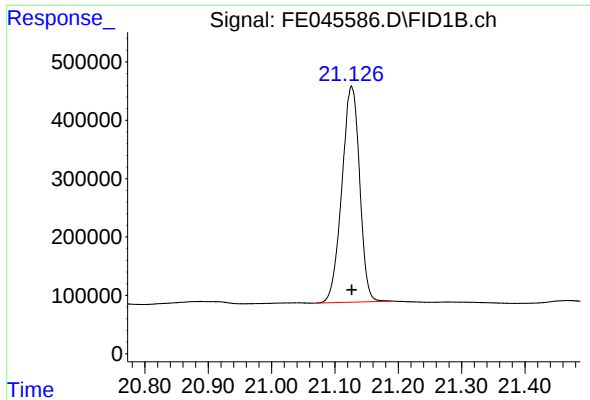
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.000 min
Response: 7709380
Conc: 49.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: 0.000 min
Response: 7390739
Conc: 49.26 ug/ml



#21 n-Octatriacontane (C38)

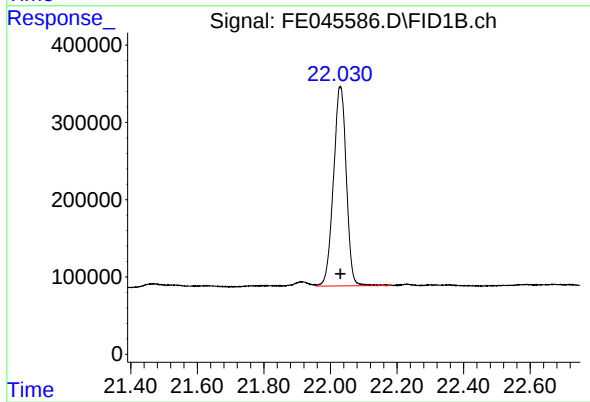
R.T.: 21.126 min
Delta R.T.: 0.000 min
Response: 7210393
Conc: 49.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.029 min
Delta R.T.: 0.000 min
Response: 6904640
Conc: 49.99 ug/ml