

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062922AL\
 Data File : FE036292.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jun 2022 15:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2022
 Supervised By :Ankita Jodhani 06/30/2022

Integration File: autoint1.e
 Quant Time: Jun 30 01:29:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.873	3597779	18.007 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
12) S 1-chlorooctadecane (S...	13.312	2799434	18.082 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
Target Compounds			
1) T n-Nonane (C9)	3.264	3236141	17.993 ug/ml
2) T n-Decane (C10)	4.519	3327407	18.510 ug/ml
3) T A~Naphthalene (C11.7)	6.220	3706204	18.472 ug/ml
4) T n-Dodecane (C12)	6.687	3417203	18.449 ug/ml
5) T A~2-methylnaphthalene...	7.316	3749620	18.419 ug/ml
6) T n-Tetradecane (C14)	8.513	3442399	18.413 ug/ml
7) T n-Hexadecane (C16)	10.118	3429169	18.311 ug/ml
8) T n-Octadecane (C18)	11.561	3403991	18.297 ug/ml
10) T n-Eicosane (C20)	12.868	3305163	18.244 ug/ml
11) T n-Heneicosane (C21)	13.479	3251369	18.100 ug/ml
13) T n-Docosane (C22)	14.066	3262488	18.453 ug/ml
14) T n-Tetracosane (C24)	15.167	3297483	19.253 ug/ml
15) T n-Hexacosane (C26)	16.187	3307226	20.017 ug/ml
16) T n-Octacosane (C28)	17.136	3338102	20.853 ug/ml
17) T n-Tricontane (C30)	18.023	3384732	21.862 ug/ml
18) T n-Dotriacontane (C32)	18.856	3282266	22.460 ug/ml
19) T n-Tetratriacontane (C34)	19.640	3034632	21.929 ug/mlm
20) T n-Hexatriacontane (C36)	20.381	2772443	20.652 ug/ml
21) T n-Octatriacontane (C38)	21.109	2764523	20.787 ug/mlm
22) T n-Tetracontane (C40)	22.005	2937390	21.007 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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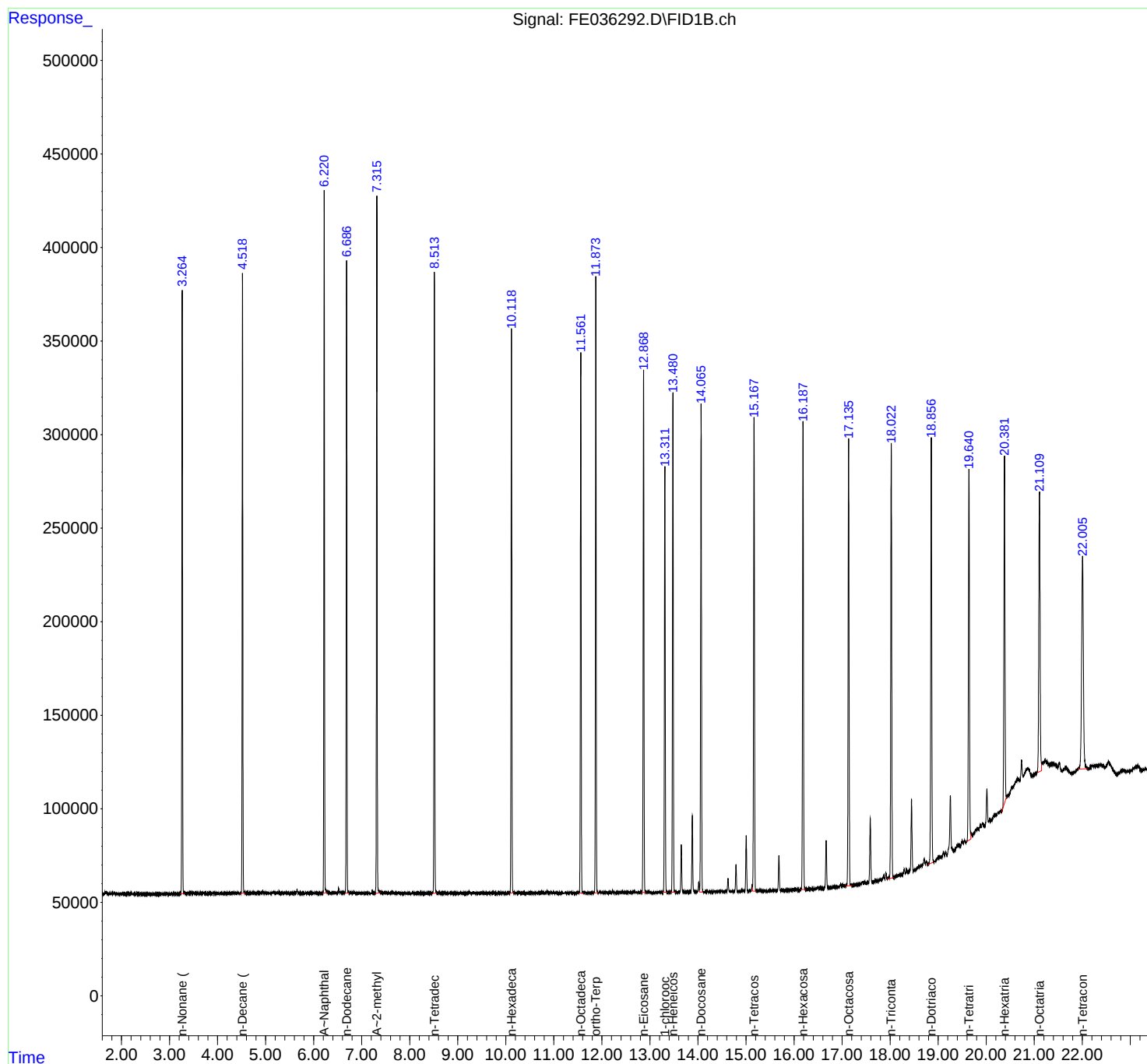
Instrument :
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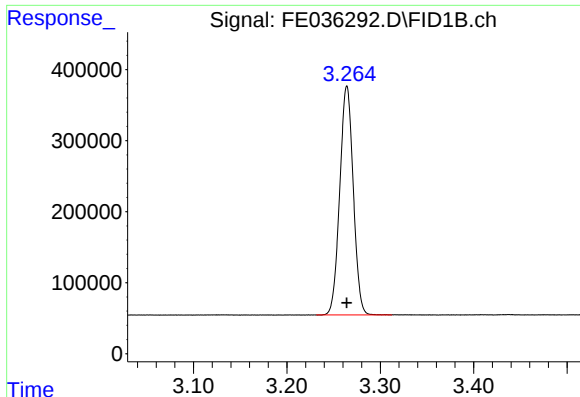
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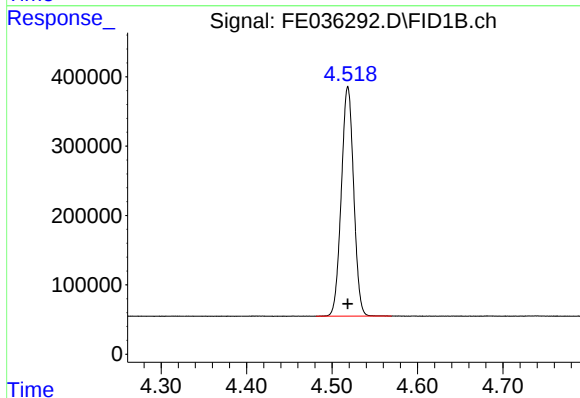
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 3236141
Conc: 17.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

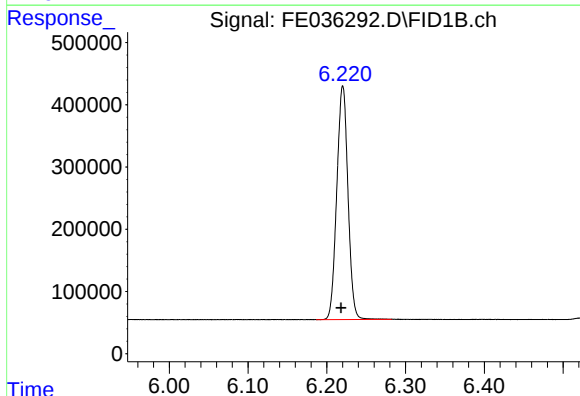
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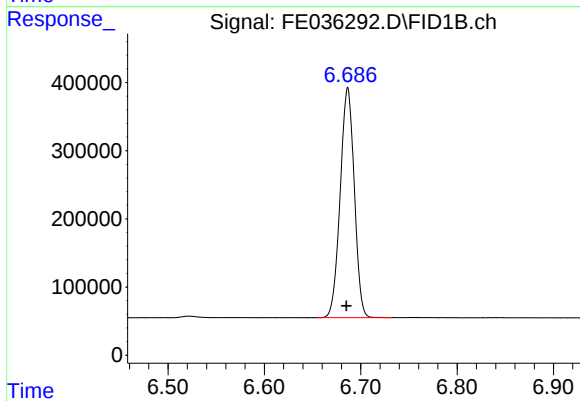
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 3327407
Conc: 18.51 ug/ml



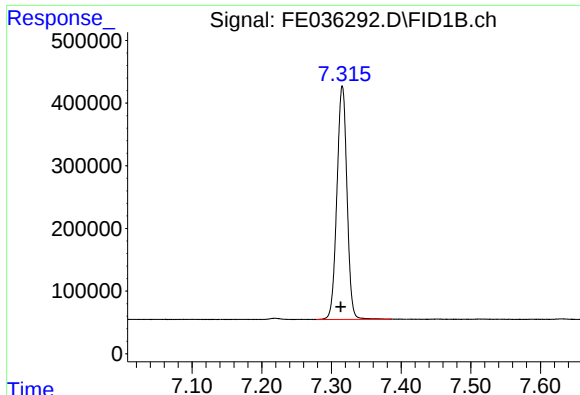
#3 A~Naphthalene (C11.7)

R.T.: 6.220 min
Delta R.T.: 0.002 min
Response: 3706204
Conc: 18.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.001 min
Response: 3417203
Conc: 18.45 ug/ml



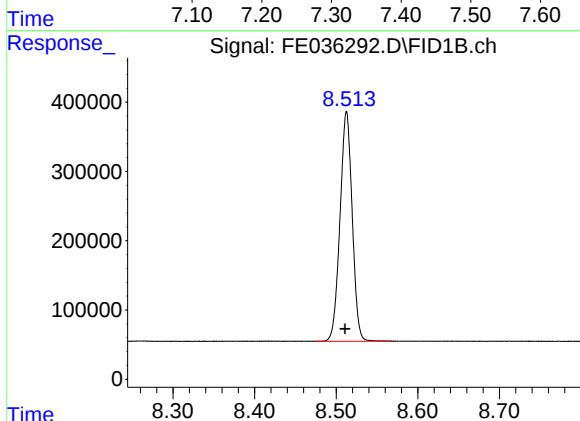
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.316 min
Delta R.T.: 0.003 min
Response: 3749620
Conc: 18.42 ug/ml

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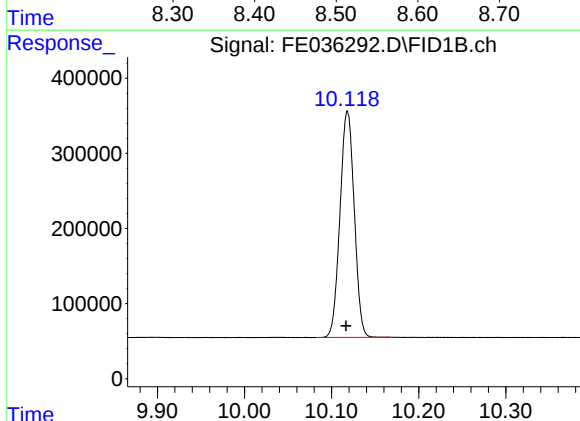
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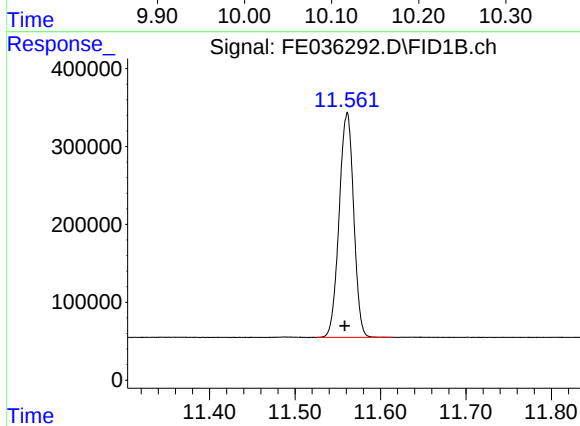
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.002 min
Response: 3442399
Conc: 18.41 ug/ml



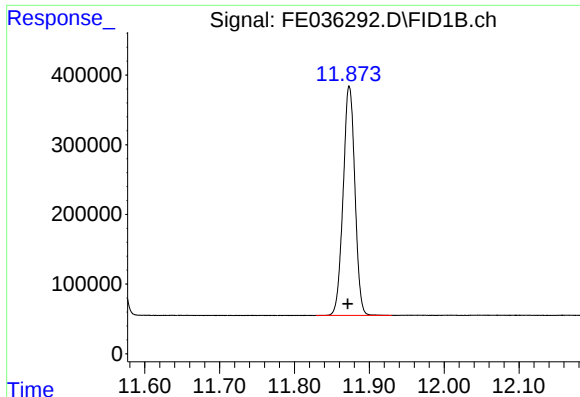
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.002 min
Response: 3429169
Conc: 18.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: 0.003 min
Response: 3403991
Conc: 18.30 ug/ml



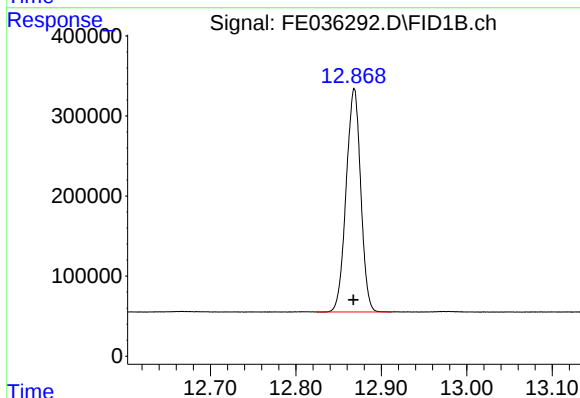
#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: 0.002 min
Response: 3597779
Conc: 18.01 ug/ml

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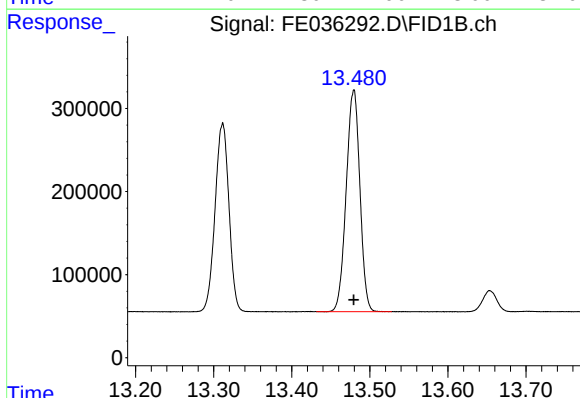
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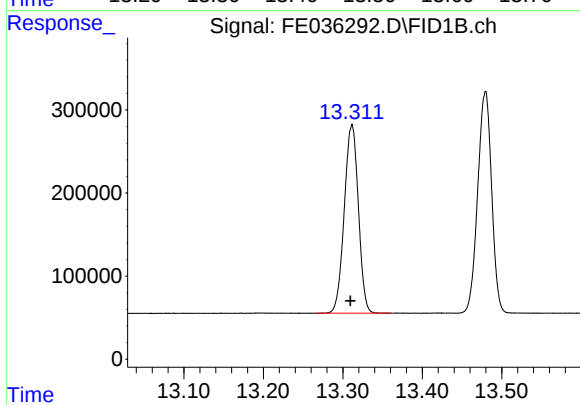
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.001 min
Response: 3305163
Conc: 18.24 ug/ml



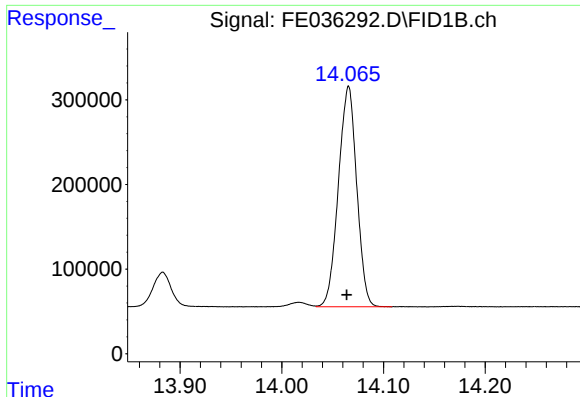
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.000 min
Response: 3251369
Conc: 18.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: 0.002 min
Response: 2799434
Conc: 18.08 ug/ml



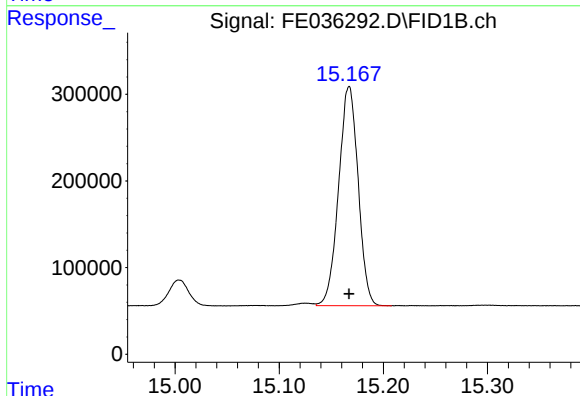
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: 0.002 min
Response: 3262488
Conc: 18.45 ug/ml

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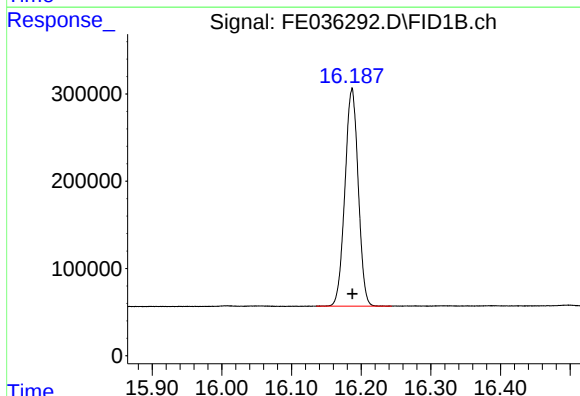
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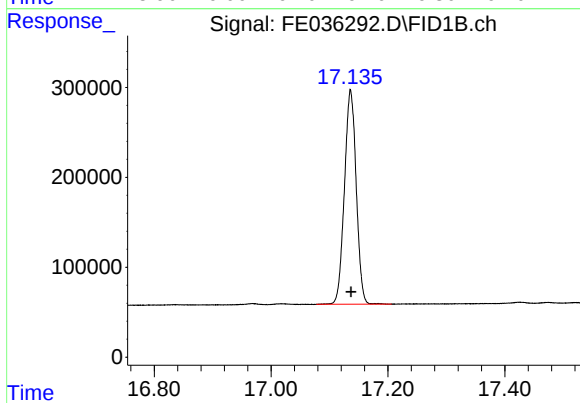
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: 0.000 min
Response: 3297483
Conc: 19.25 ug/ml



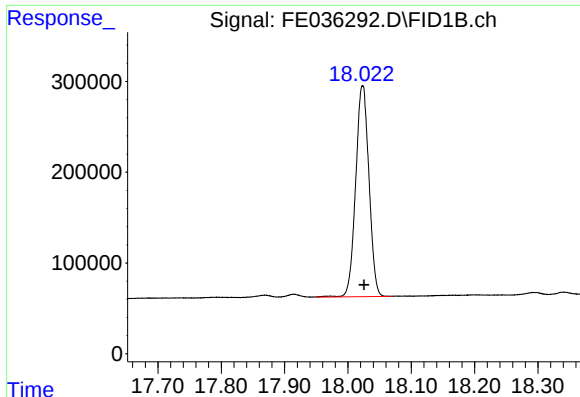
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: 0.000 min
Response: 3307226
Conc: 20.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: 0.000 min
Response: 3338102
Conc: 20.85 ug/ml



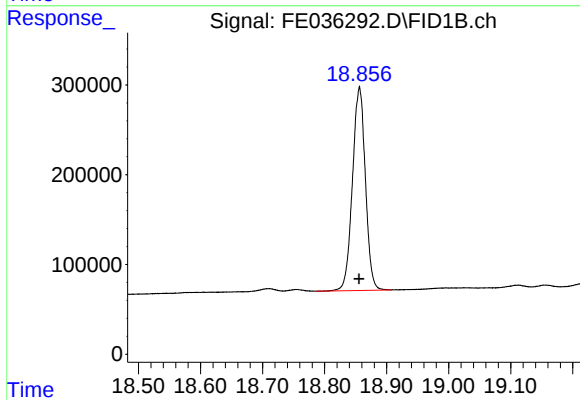
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.002 min
Response: 3384732
Conc: 21.86 ug/ml

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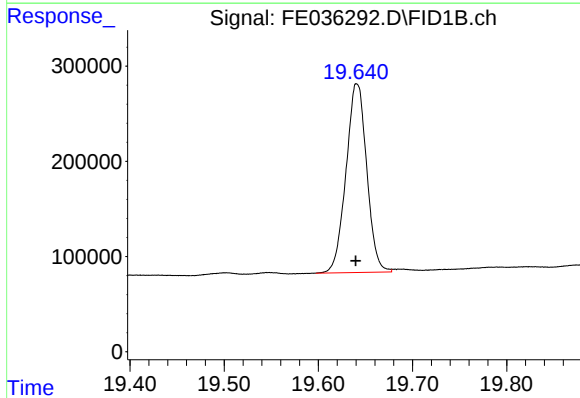
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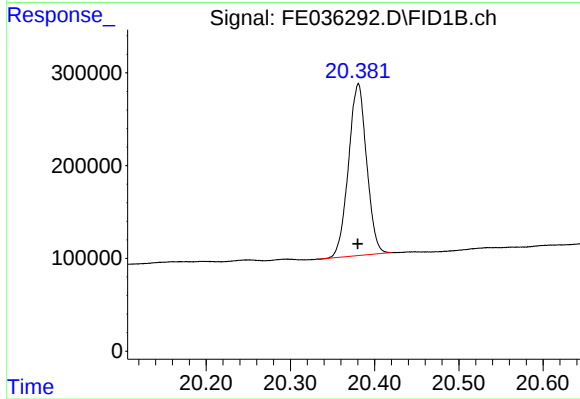
#18 n-Dotriacontane (C32)

R.T.: 18.856 min
Delta R.T.: 0.000 min
Response: 3282266
Conc: 22.46 ug/ml



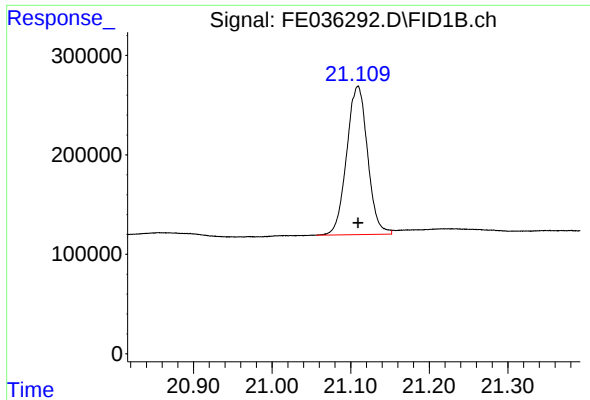
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: 0.000 min
Response: 3034632
Conc: 21.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 2772443
Conc: 20.65 ug/ml



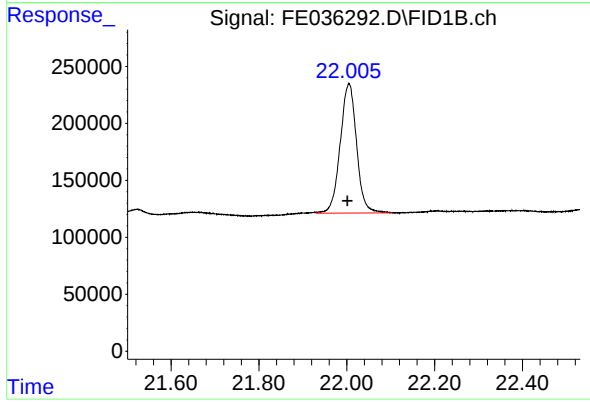
#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: 0.000 min
Response: 2764523
Conc: 20.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: 0.003 min
Response: 2937390
Conc: 21.01 ug/ml m