

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040723AL\
 Data File : FE041228.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2023 16:00
 Operator : YP\AJ
 Sample : 02219-08MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 01:01:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.842	4804219	25.562 ug/ml
Spiked Amount 50.000		Recovery =	51.12%
12) S 1-chlorooctadecane (S...	13.280	3964012	27.551 ug/ml
Spiked Amount 50.000		Recovery =	55.10%
Target Compounds			
1) T n-Nonane (C9)	3.262	6552223	37.762 ug/ml
2) T n-Decane (C10)	4.499	6655855	39.102 ug/ml
3) T A~Naphthalene (C11.7)	6.193	6816663	37.268 ug/ml
4) T n-Dodecane (C12)	6.655	6808501	39.251 ug/ml
5) T A~2-methylnaphthalene...	7.286	6417531	38.750 ug/ml
6) T n-Tetradecane (C14)	8.481	6710649	38.486 ug/ml
7) T n-Hexadecane (C16)	10.086	6794174	38.201 ug/ml
8) T n-Octadecane (C18)	11.528	6615729	37.052 ug/ml
10) T n-Eicosane (C20)	12.838	6541082	38.347 ug/ml
11) T n-Heneicosane (C21)	13.450	6184099	36.552 ug/ml
13) T n-Docosane (C22)	14.036	6084585	36.768 ug/ml
14) T n-Tetracosane (C24)	15.134	12155659	75.134 ug/ml
15) T n-Hexacosane (C26)	16.163	6008114	38.758 ug/ml
16) T n-Octacosane (C28)	17.112	6086575	39.735 ug/ml
17) T n-Tricontane (C30)	18.004	6023534	39.407 ug/ml
18) T n-Dotriacontane (C32)	18.835	5966380	38.215 ug/mlm
19) T n-Tetratriacontane (C34)	19.620	6006755	38.761 ug/mlm
20) T n-Hexatriacontane (C36)	20.362	5985584	39.405 ug/ml
21) T n-Octatriacontane (C38)	21.088	6181949	39.572 ug/mlm
22) T n-Tetracontane (C40)	21.969	6522971	40.870 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 31 Sample Multiplier: 1

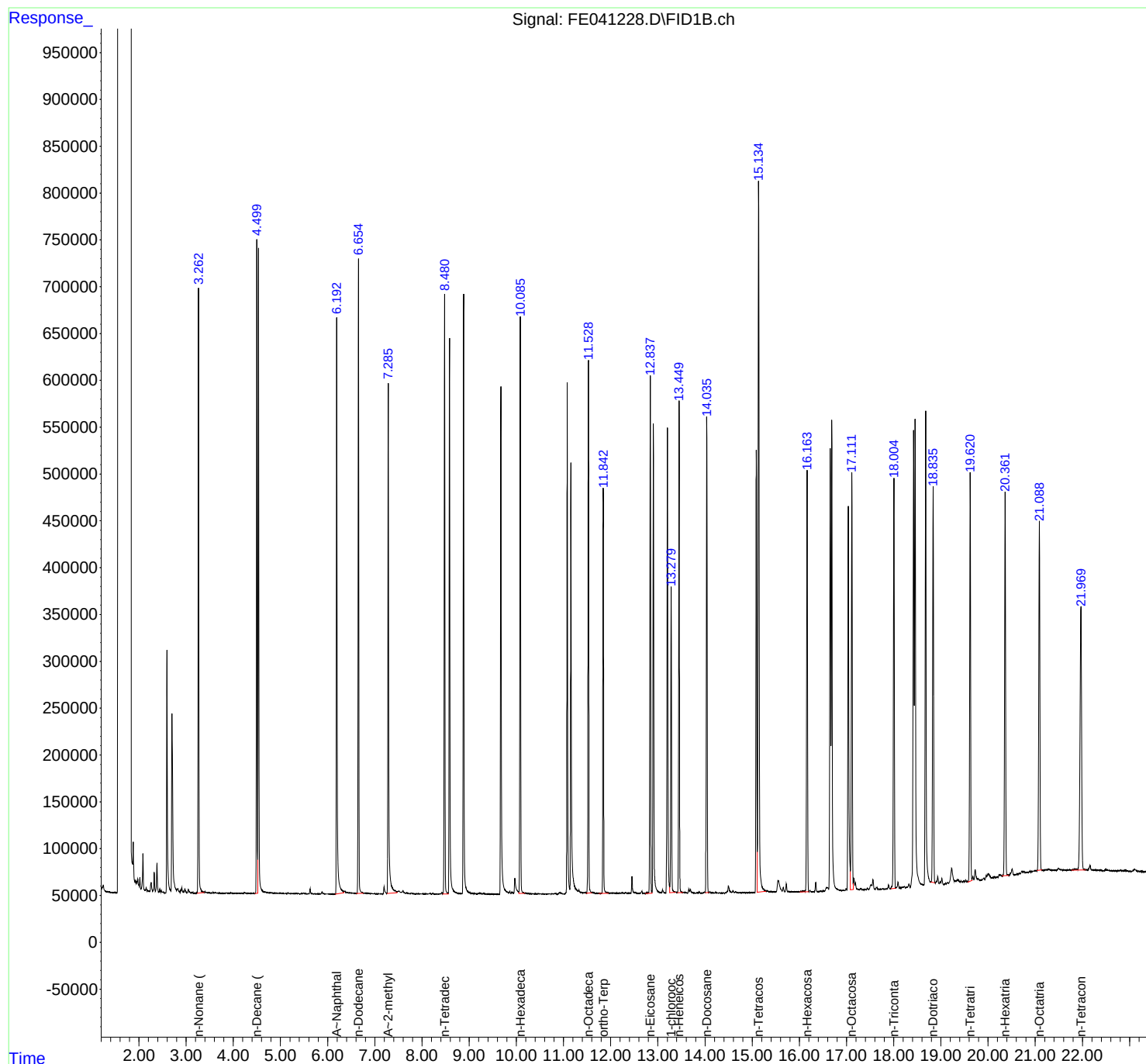
Instrument :
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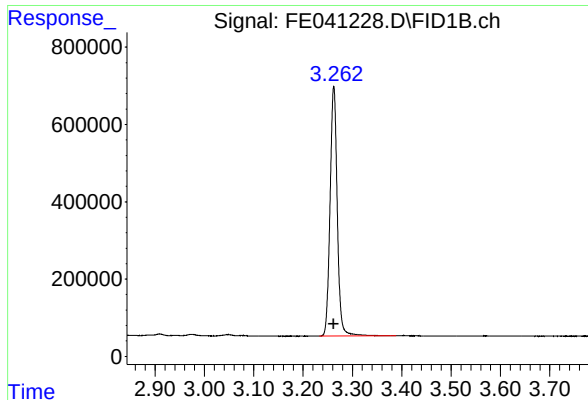
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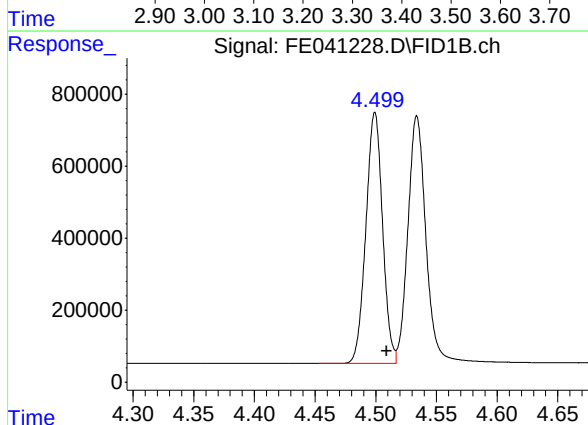
#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 6552223
Conc: 37.76 ug/ml

Instrument :
FID_E
ClientSampleId :
6MS

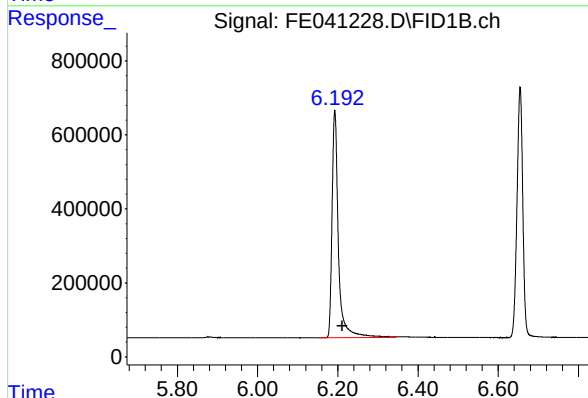
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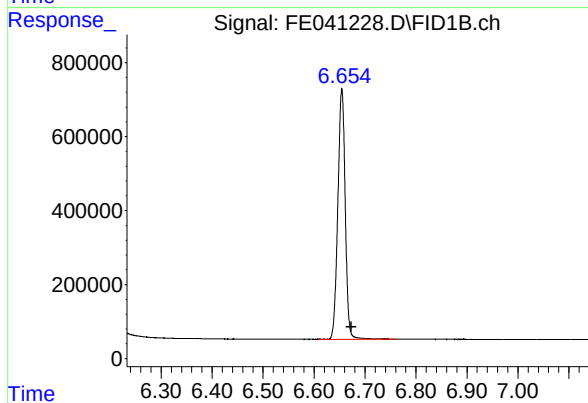
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.010 min
Response: 6655855
Conc: 39.10 ug/ml



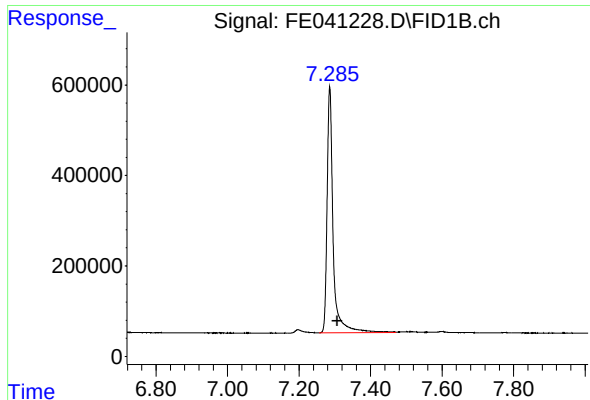
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: -0.019 min
Response: 6816663
Conc: 37.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.655 min
Delta R.T.: -0.019 min
Response: 6808501
Conc: 39.25 ug/ml



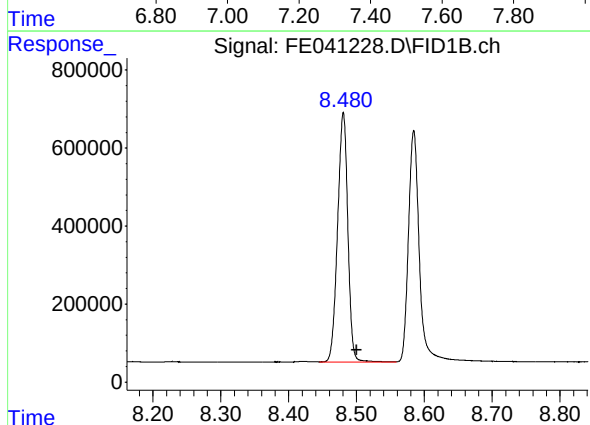
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.286 min
Delta R.T.: -0.021 min
Response: 6417531
Conc: 38.75 ug/ml

Instrument :
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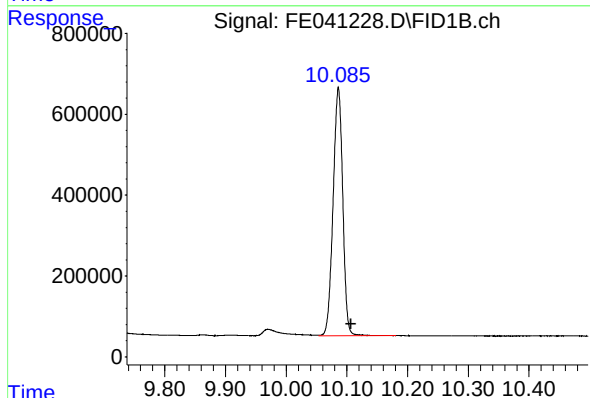
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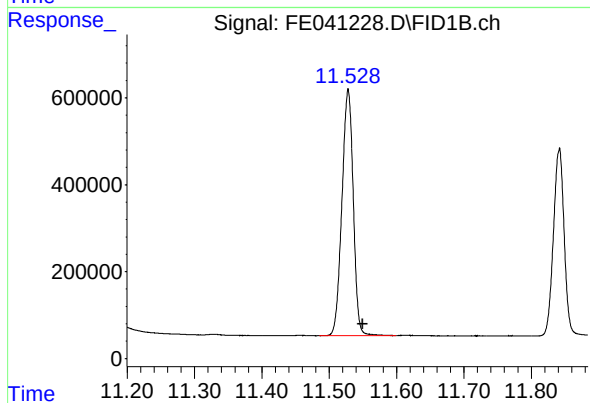
#6 n-Tetradecane (C14)

R.T.: 8.481 min
Delta R.T.: -0.020 min
Response: 6710649
Conc: 38.49 ug/ml



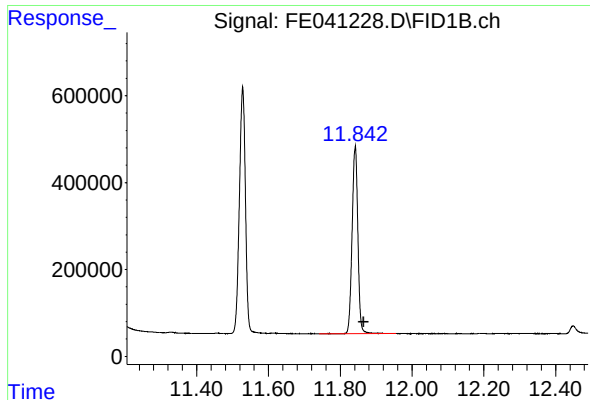
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.021 min
Response: 6794174
Conc: 38.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.021 min
Response: 6615729
Conc: 37.05 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.842 min
Delta R.T.: -0.023 min
Response: 4804219
Conc: 25.56 ug/ml

Instrument :

FID_E

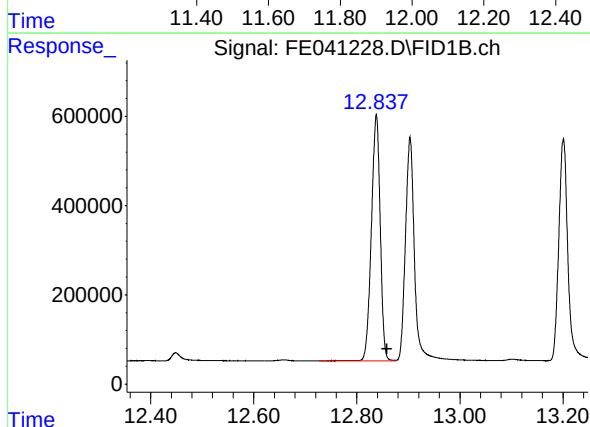
ClientSampleId :

6MS

Manual Integrations

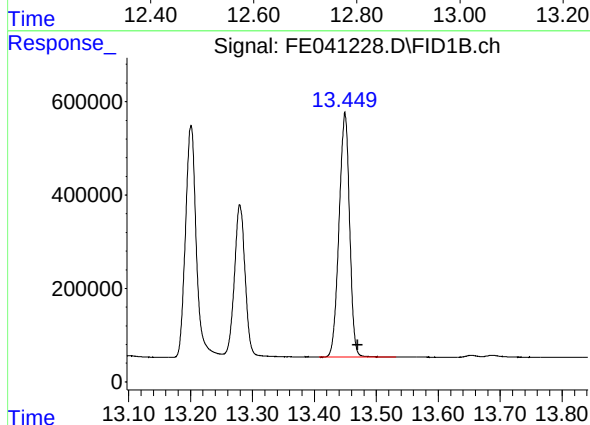
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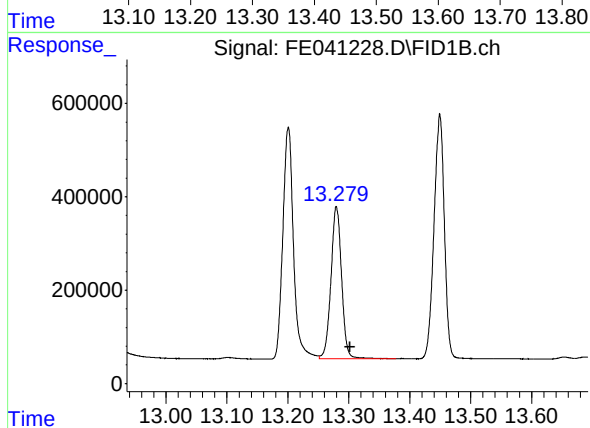
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.020 min
Response: 6541082
Conc: 38.35 ug/ml



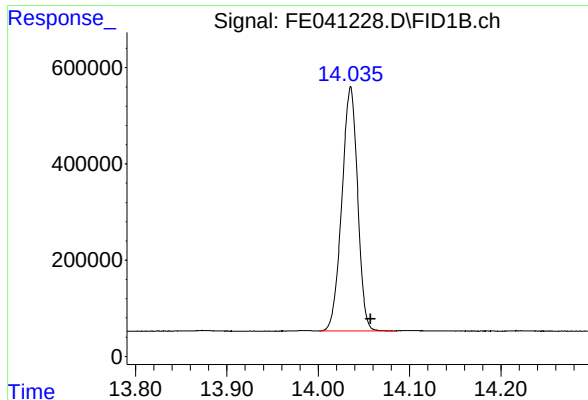
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.020 min
Response: 6184099
Conc: 36.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.280 min
Delta R.T.: -0.022 min
Response: 3964012
Conc: 27.55 ug/ml



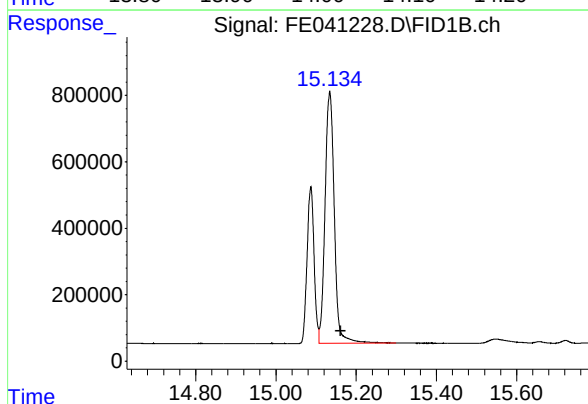
#13 n-Docosane (C22)

R.T.: 14.036 min
Delta R.T.: -0.022 min
Response: 6084585
Conc: 36.77 ug/ml

Instrument :
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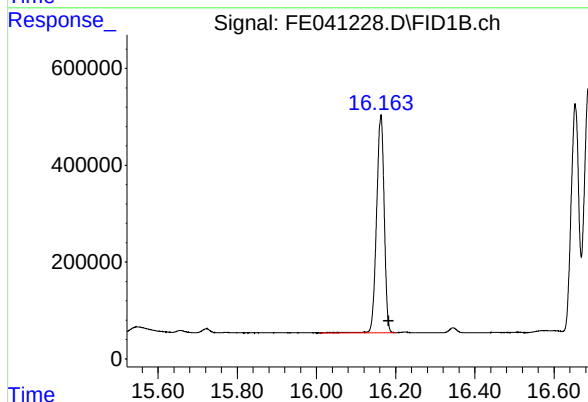
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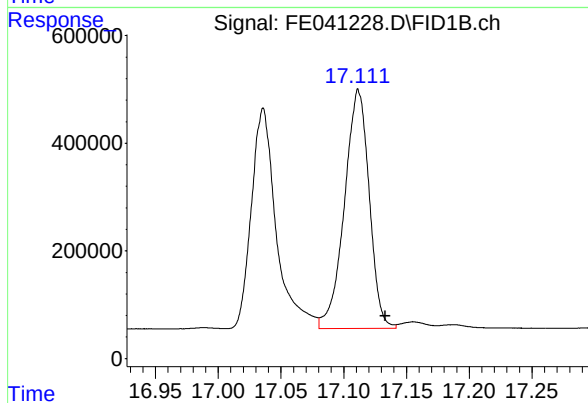
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.027 min
Response: 12155659
Conc: 75.13 ug/ml



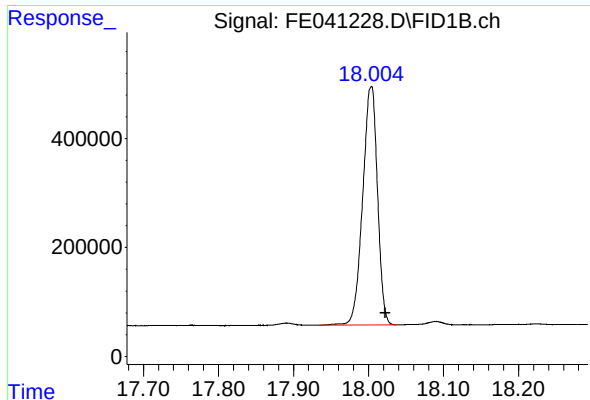
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.019 min
Response: 6008114
Conc: 38.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.112 min
Delta R.T.: -0.021 min
Response: 6086575
Conc: 39.73 ug/ml



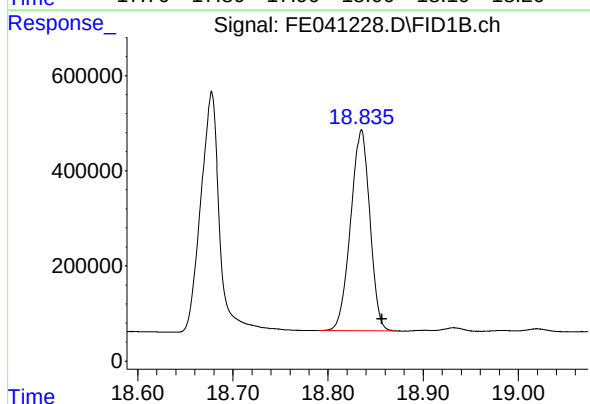
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: -0.019 min
Response: 6023534
Conc: 39.41 ug/ml

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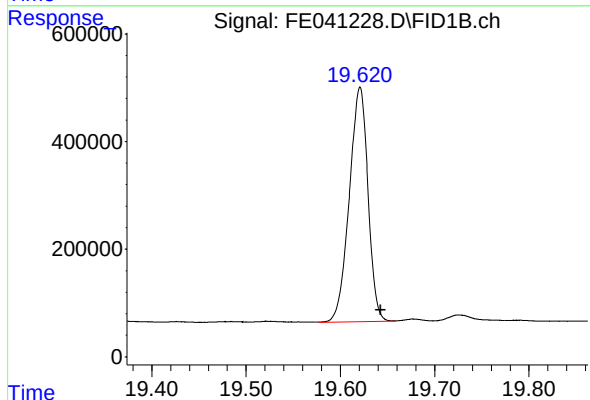
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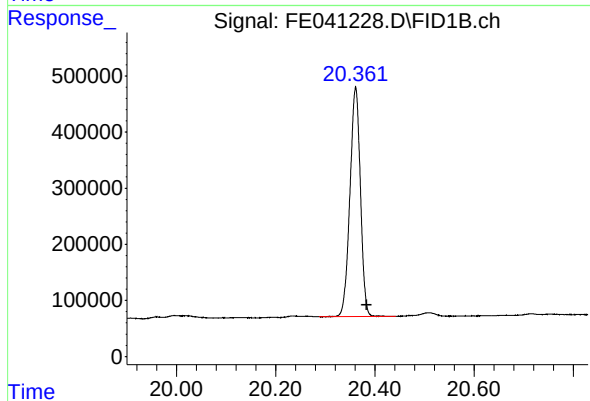
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.022 min
Response: 5966380
Conc: 38.21 ug/ml m



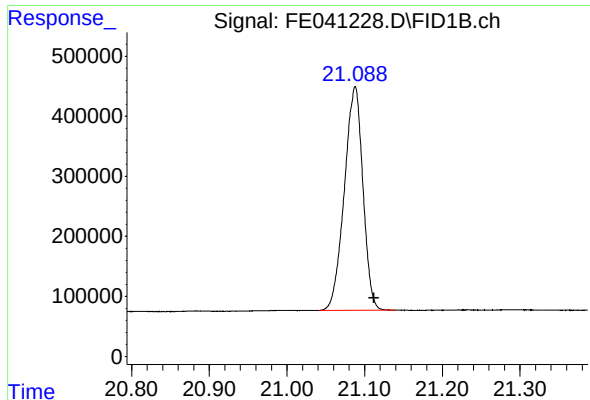
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: -0.022 min
Response: 6006755
Conc: 38.76 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.023 min
Response: 5985584
Conc: 39.41 ug/ml



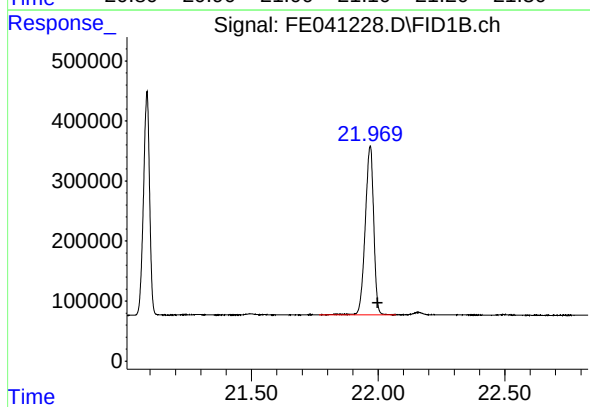
#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.024 min
Response: 6181949
Conc: 39.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: -0.029 min
Response: 6522971
Conc: 40.87 ug/ml