

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101524AL\
 Data File : FE050669.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2024 14:27
 Operator : YP\AJ
 Sample : PB164153BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB164153BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e

Quant Time: Oct 16 02:47:30 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.858	6040411	38.314 ug/ml
Spiked Amount 50.000		Recovery =	76.63%
12) S 1-chlorooctadecane (S...	13.292	5050234	42.692 ug/ml
Spiked Amount 50.000		Recovery =	85.38%
Target Compounds			
1) T n-Nonane (C9)	3.252	4903634	34.706 ug/ml
2) T n-Decane (C10)	4.500	5235900	36.493 ug/ml
3) T A~Naphthalene (C11.7)	6.208	5925217	41.438 ug/ml
4) T n-Dodecane (C12)	6.665	5652547	39.272 ug/ml
5) T A~2-methylnaphthalene...	7.303	5565658	42.011 ug/ml
6) T n-Tetradecane (C14)	8.492	5847422	40.872 ug/ml
7) T n-Hexadecane (C16)	10.097	5806503	39.455 ug/ml
8) T n-Octadecane (C18)	11.538	5904865	39.532 ug/ml
10) T n-Eicosane (C20)	12.846	5872282	40.950 ug/ml
11) T n-Heneicosane (C21)	13.457	5665558	40.343 ug/ml
13) T n-Docosane (C22)	14.042	5584628	39.806 ug/ml
14) T n-Tetracosane (C24)	15.142	10832397	76.675 ug/mlm
15) T n-Hexacosane (C26)	16.163	5519491	39.224 ug/ml
16) T n-Octacosane (C28)	17.111	6579793	44.965 ug/ml
17) T n-Tricontane (C30)	17.998	5742348	36.115 ug/ml
18) T n-Dotriacontane (C32)	18.829	5730575	35.349 ug/ml
19) T n-Tetratriacontane (C34)	19.612	5897341	40.148 ug/ml
20) T n-Hexatriacontane (C36)	20.352	5588815	44.071 ug/ml
21) T n-Octatriacontane (C38)	21.075	5275897	42.669 ug/ml
22) T n-Tetracontane (C40)	21.957	4477631	40.212 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

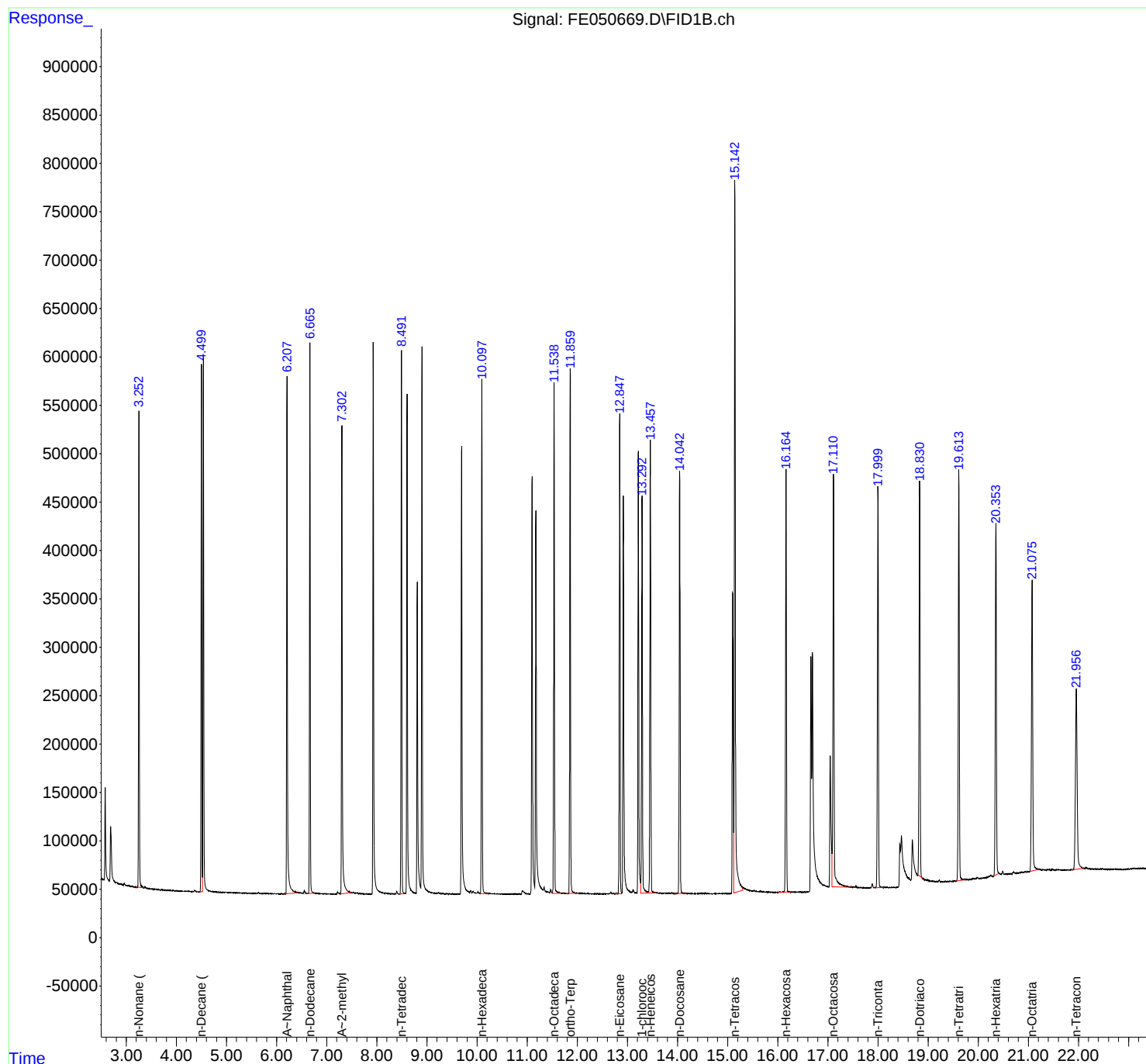
Instrument :
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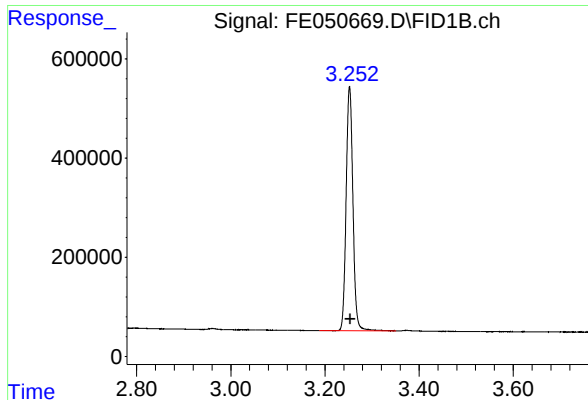
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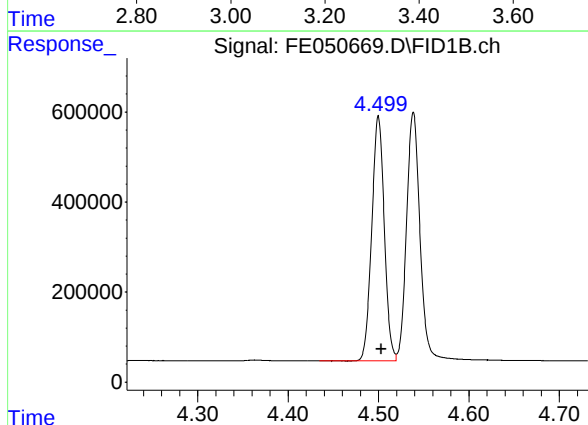
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: -0.002 min
Response: 4903634
Conc: 34.71 ug/ml

Instrument :
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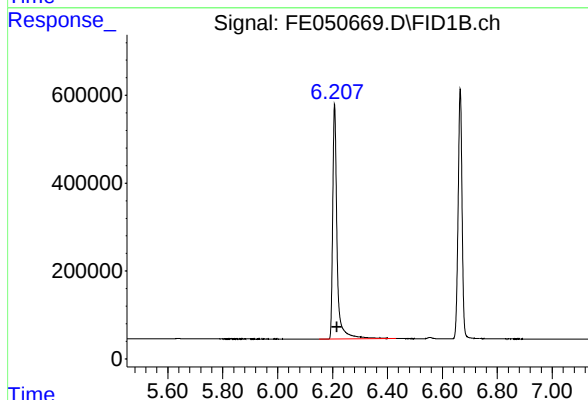
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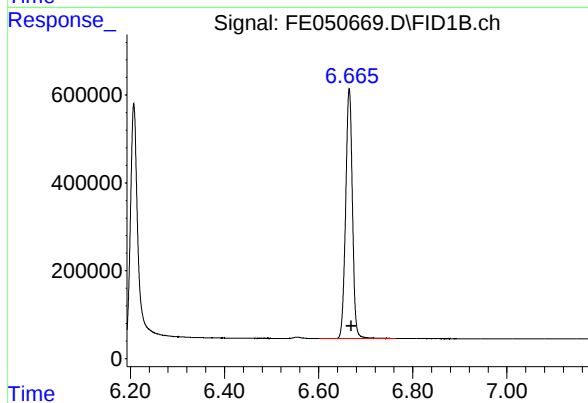
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 5235900
Conc: 36.49 ug/ml



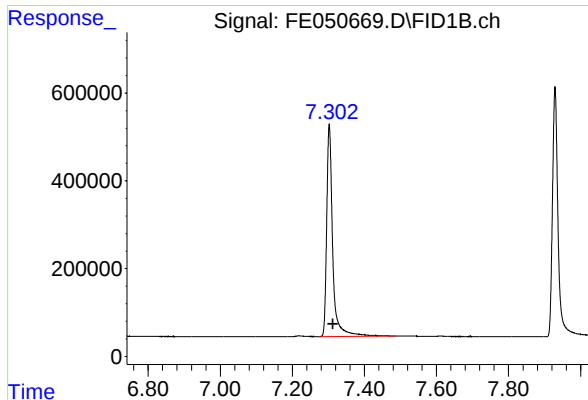
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.009 min
Response: 5925217
Conc: 41.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.005 min
Response: 5652547
Conc: 39.27 ug/ml



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

R.T.: 7.303 min
Delta R.T.: -0.010 min
Response: 5565658
Conc: 42.01 ug/ml

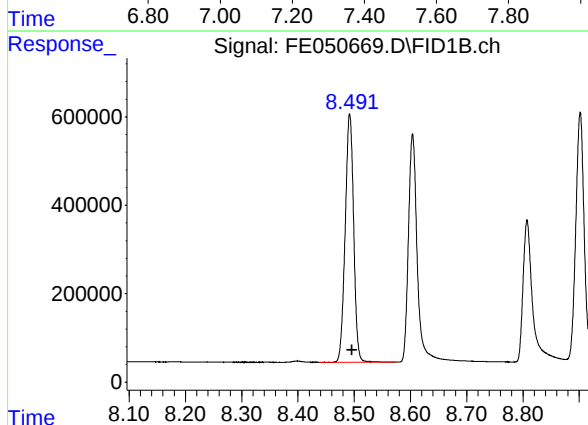
Instrument :

FID_E

ClientSampleId :
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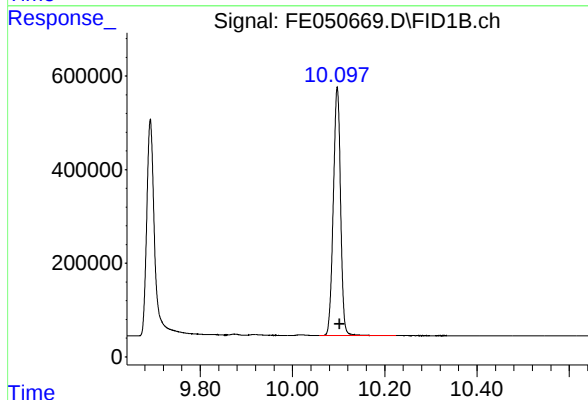
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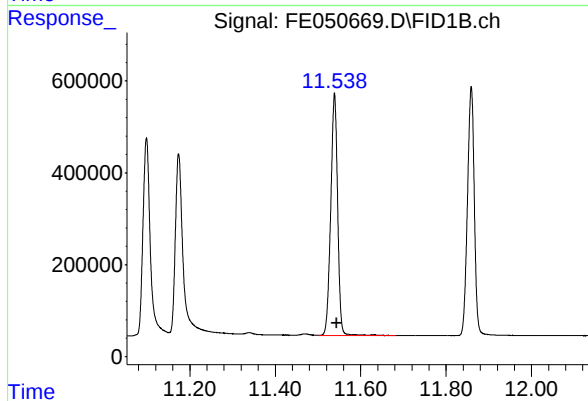
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 5847422
Conc: 40.87 ug/ml



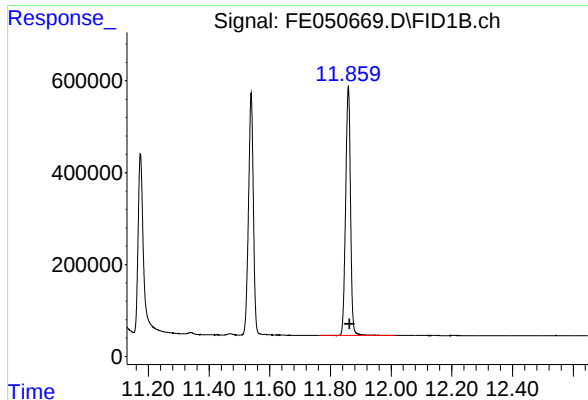
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.006 min
Response: 5806503
Conc: 39.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.538 min
Delta R.T.: -0.006 min
Response: 5904865
Conc: 39.53 ug/ml



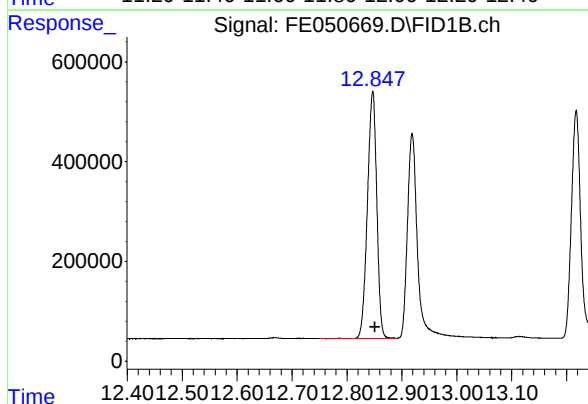
#9 ortho-Terphenyl (SURR)

R.T.: 11.858 min
Delta R.T.: -0.005 min
Response: 6040411
Conc: 38.31 ug/ml

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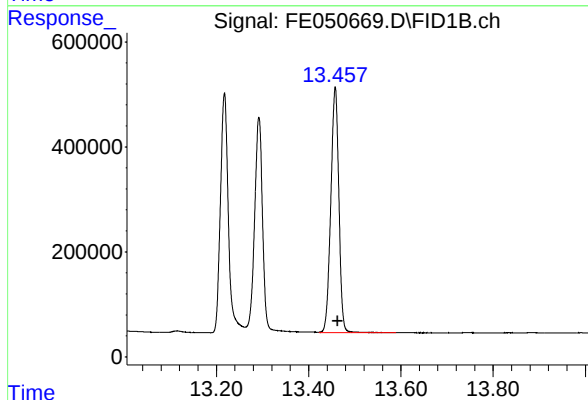
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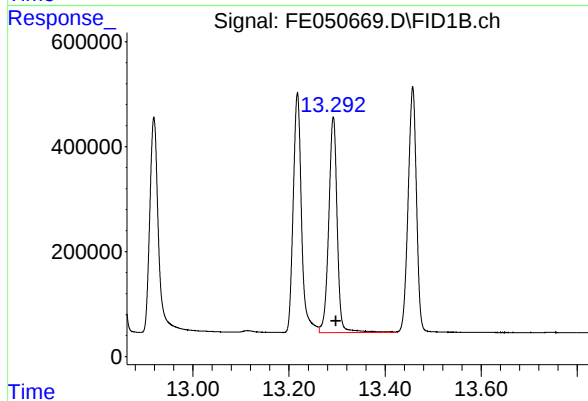
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: -0.005 min
Response: 5872282
Conc: 40.95 ug/ml



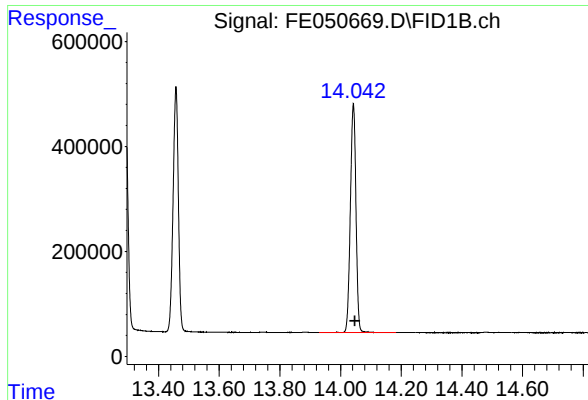
#11 n-Heneicosane (C21)

R.T.: 13.457 min
Delta R.T.: -0.006 min
Response: 5665558
Conc: 40.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.292 min
Delta R.T.: -0.006 min
Response: 5050234
Conc: 42.69 ug/ml



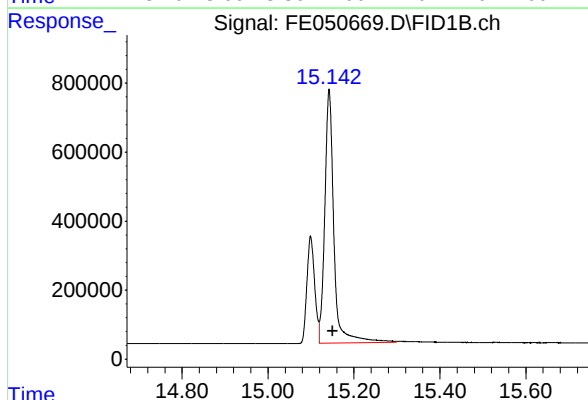
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.006 min
Response: 5584628
Conc: 39.81 ug/ml

Instrument :
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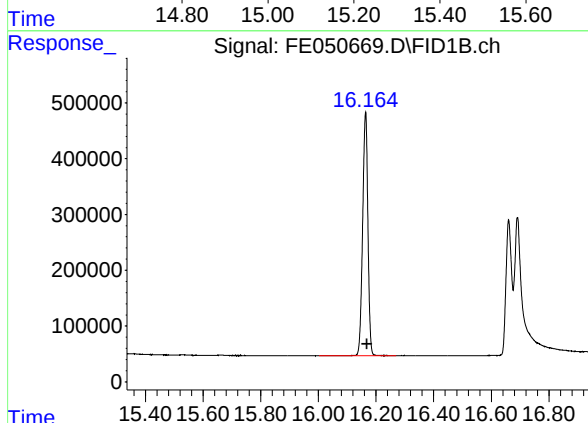
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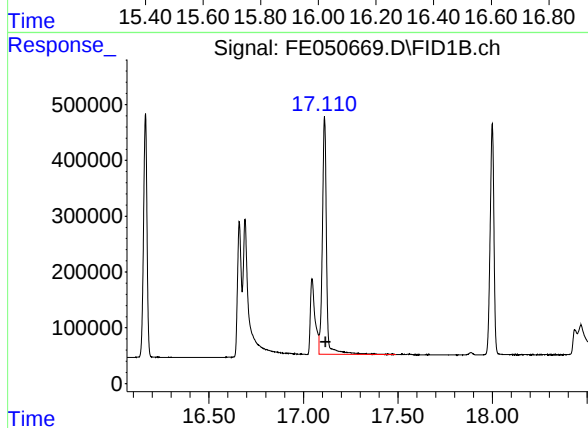
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.008 min
Response: 10832397
Conc: 76.67 ug/ml



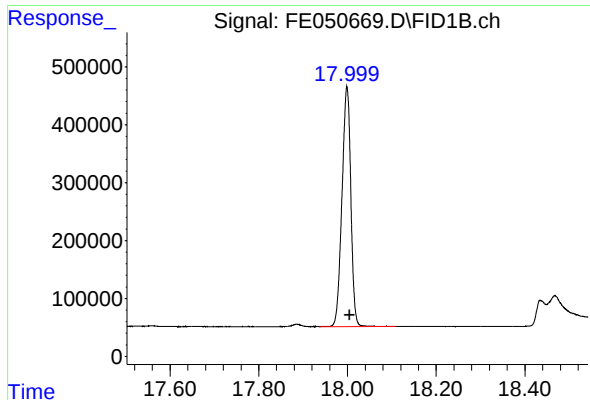
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.006 min
Response: 5519491
Conc: 39.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: -0.006 min
Response: 6579793
Conc: 44.97 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.998 min
Delta R.T.: -0.006 min
Response: 5742348
Conc: 36.11 ug/ml

Instrument :

FID_E

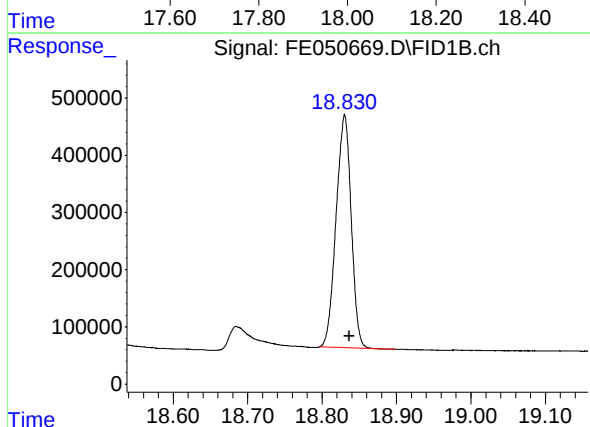
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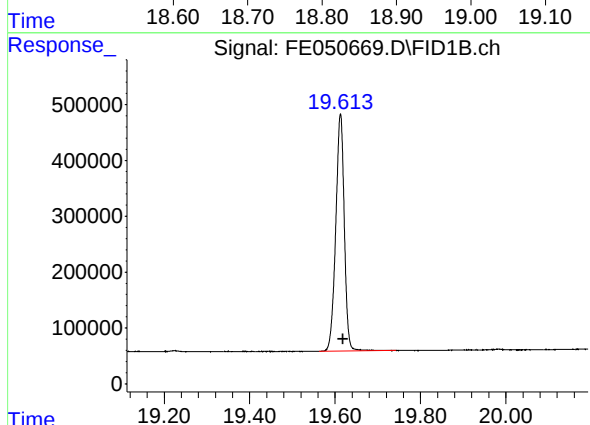
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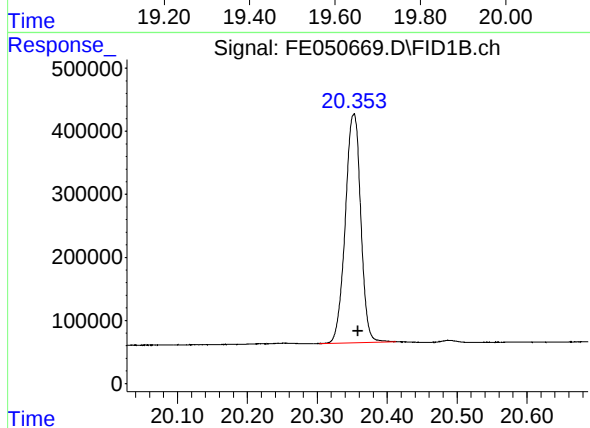
#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: -0.007 min
Response: 5730575
Conc: 35.35 ug/ml



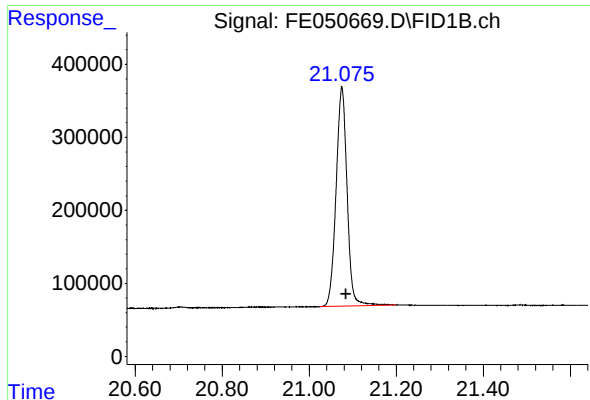
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.007 min
Response: 5897341
Conc: 40.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.007 min
Response: 5588815
Conc: 44.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.075 min
Delta R.T.: -0.009 min
Response: 5275897
Conc: 42.67 ug/ml

Instrument :

FID_E

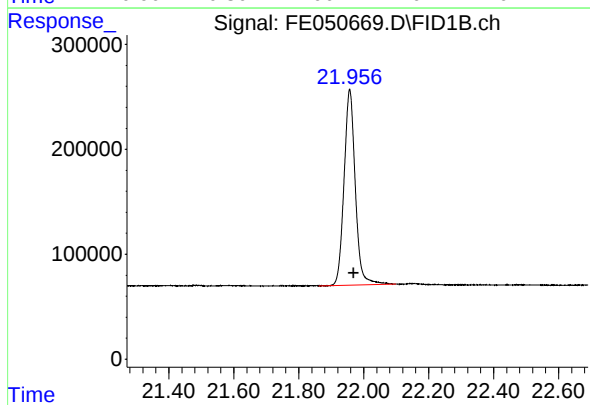
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#22 n-Tetracontane (C40)

R.T.: 21.957 min
Delta R.T.: -0.012 min
Response: 4477631
Conc: 40.21 ug/ml