

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
 Data File : FE053073.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2025 16:01
 Operator : YP\AJ
 Sample : PB167382BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB167382BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/01/2025

Supervised By :mohammad ahmed 04/02/2025

Integration File: autoint1.e

Quant Time: Apr 01 01:39:57 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M

Quant Title : GC Extractables

QLast Update : Mon Mar 31 02:44:53 2025

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)	11.901	6298065	38.666 ug/ml
Spiked Amount 50.000		Recovery =	77.33%
12) S 1-chlorooctadecane (S...	13.345	4727254	39.379 ug/ml
Spiked Amount 50.000		Recovery =	78.76%
Target Compounds			
1) T n-Nonane (C9)	3.263	6228981	40.229 ug/ml
2) T n-Decane (C10)	4.514	6478998	41.305 ug/ml
3) T A~Naphthalene (C11.7)	6.219	6838658	40.709 ug/ml
4) T n-Dodecane (C12)	6.686	6489384	41.493 ug/ml
5) T A~2-methylnaphthalene...	7.320	6072506	38.058 ug/ml
6) T n-Tetradecane (C14)	8.523	6295505	41.116 ug/ml
7) T n-Hexadecane (C16)	10.136	6230564	40.420 ug/ml
8) T n-Octadecane (C18)	11.585	6031794	39.770 ug/ml
10) T n-Eicosane (C20)	12.900	6059965	42.503 ug/ml
11) T n-Heneicosane (C21)	13.513	5769926	41.579 ug/ml
13) T n-Docosane (C22)	14.101	5689962	41.546 ug/ml
14) T n-Tetracosane (C24)	15.198	11989122	88.770 ug/ml
15) T n-Hexacosane (C26)	16.234	5584308	41.859 ug/ml
16) T n-Octacosane (C28)	17.184	5917434	44.840 ug/ml
17) T n-Tricontane (C30)	18.076	5708218	42.115 ug/ml
18) T n-Dotriacontane (C32)	18.910	5617482	41.746 ug/mlm
19) T n-Tetratriacontane (C34)	19.697	5592485	43.220 ug/ml
20) T n-Hexatriacontane (C36)	20.440	4892528	41.186 ug/ml
21) T n-Octatriacontane (C38)	21.180	4653279	40.486 ug/ml
22) T n-Tetracontane (C40)	22.100	4102110	36.524 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB167382BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

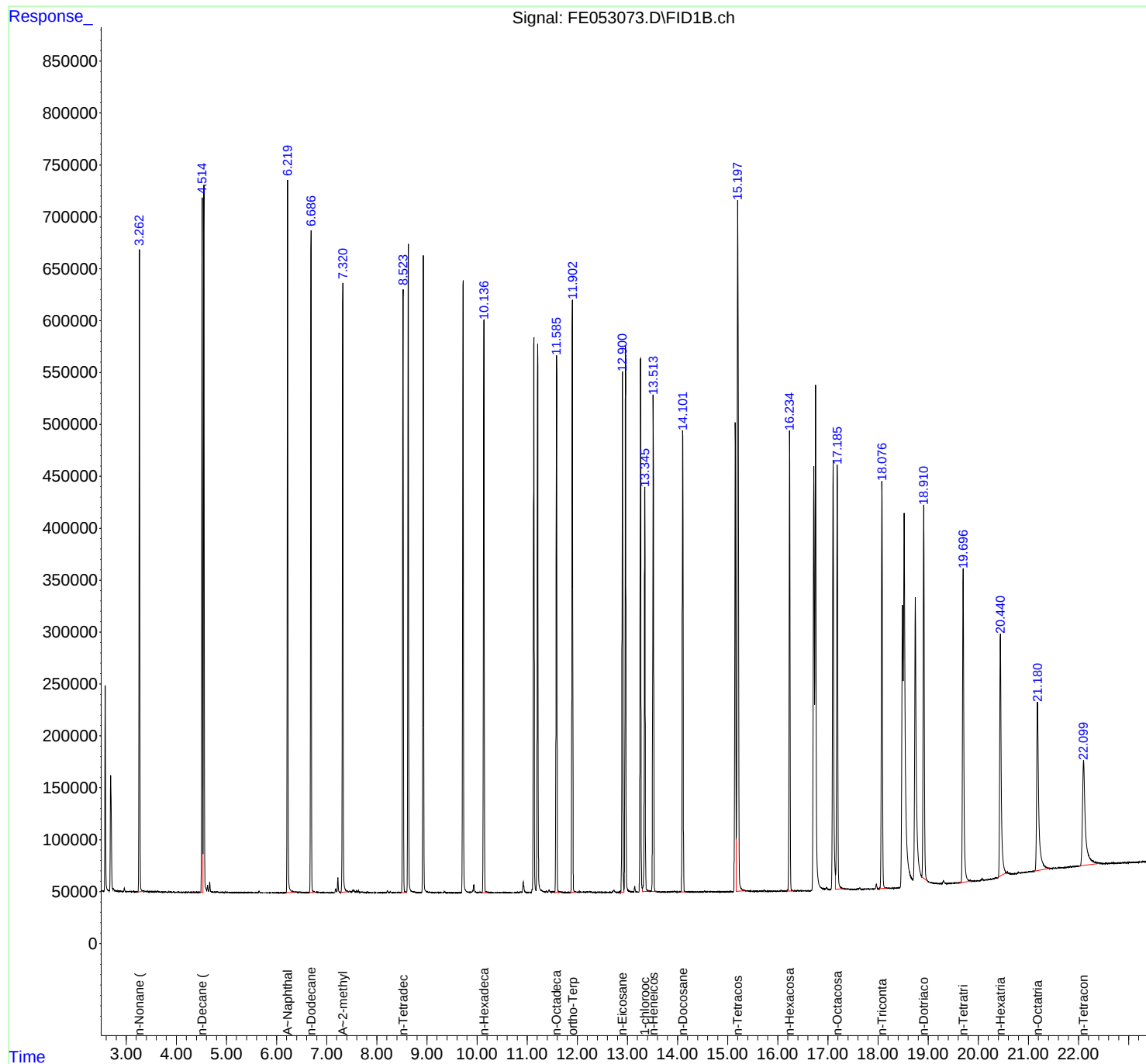
Instrument :
FID_E
ClientSampleId :
PB167382BSD

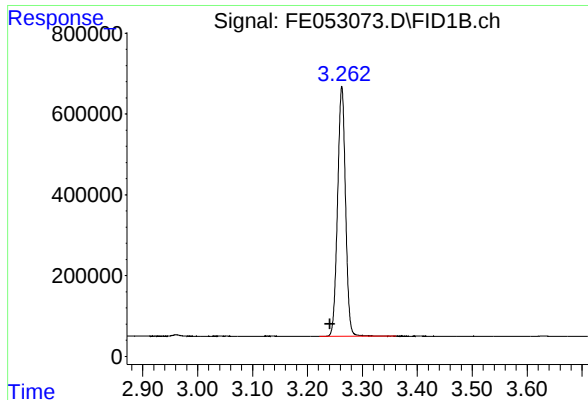
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Quant Title : GC Extractables
QLast Update : Mon Mar 31 02:44:53 2025
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: 0.022 min
Response: 6228981
Conc: 40.23 ug/ml

Instrument :

FID_E

ClientSampleId :

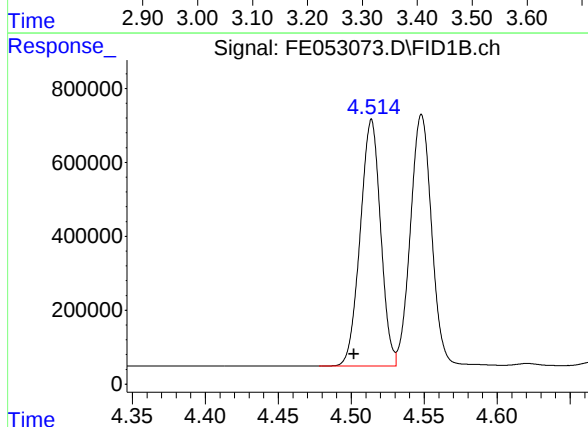
PB167382BSD

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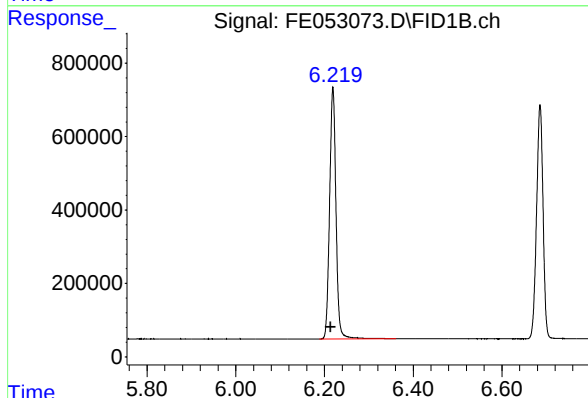
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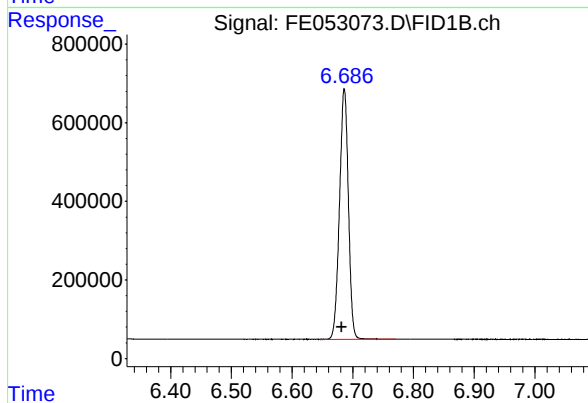
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.012 min
Response: 6478998
Conc: 41.30 ug/ml



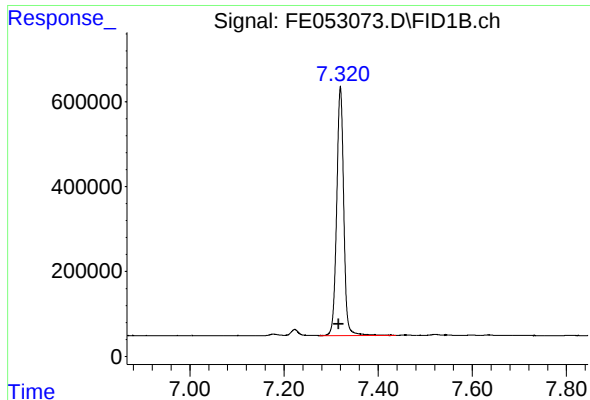
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.005 min
Response: 6838658
Conc: 40.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: 0.004 min
Response: 6489384
Conc: 41.49 ug/ml



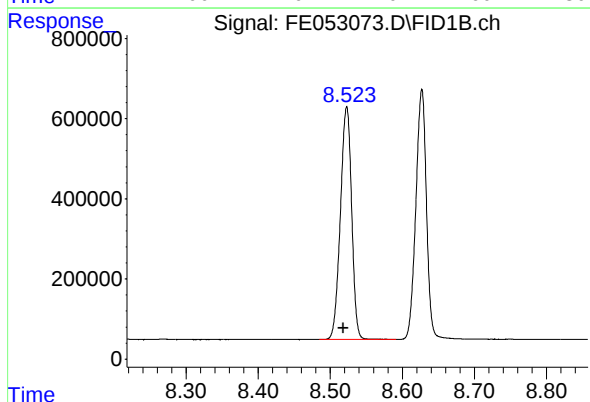
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: 0.004 min
Response: 6072506
Conc: 38.06 ug/ml

Instrument :
FID_E
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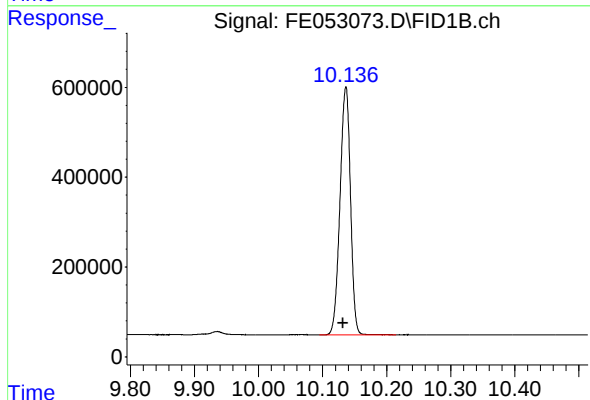
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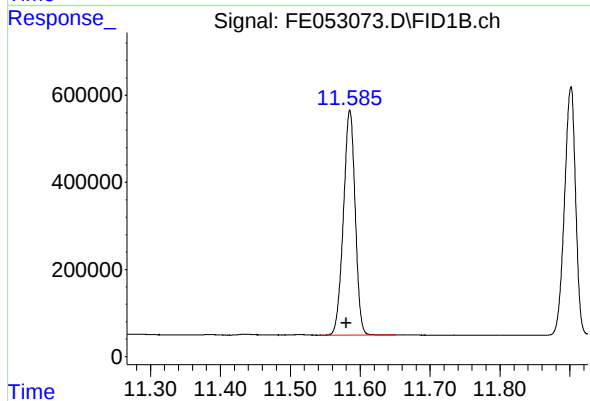
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: 0.005 min
Response: 6295505
Conc: 41.12 ug/ml



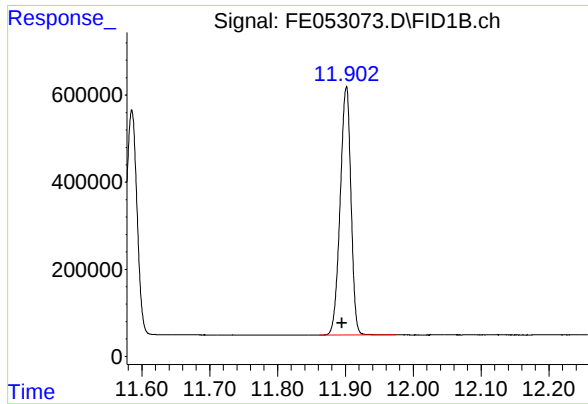
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: 0.004 min
Response: 6230564
Conc: 40.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: 0.005 min
Response: 6031794
Conc: 39.77 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: 0.006 min
Response: 6298065
Conc: 38.67 ug/ml

Instrument :

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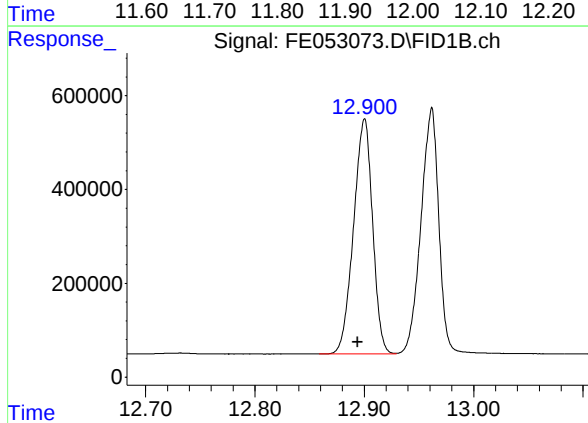
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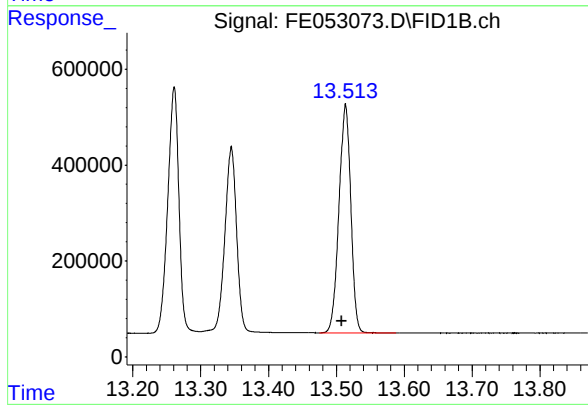
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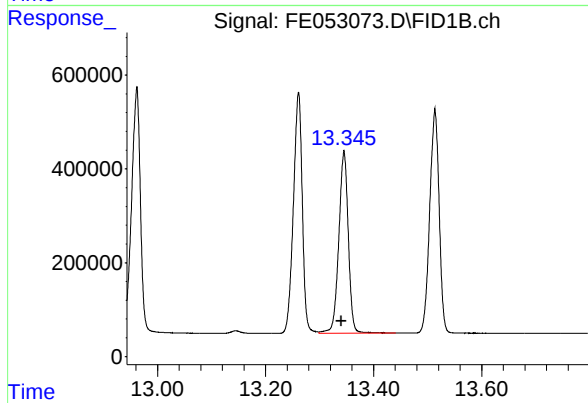
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: 0.006 min
Response: 6059965
Conc: 42.50 ug/ml



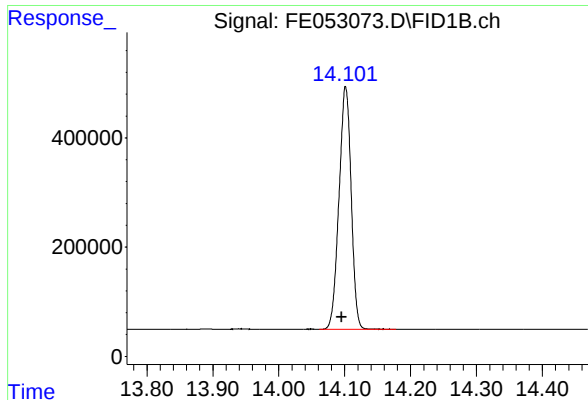
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: 0.005 min
Response: 5769926
Conc: 41.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.345 min
Delta R.T.: 0.005 min
Response: 4727254
Conc: 39.38 ug/ml



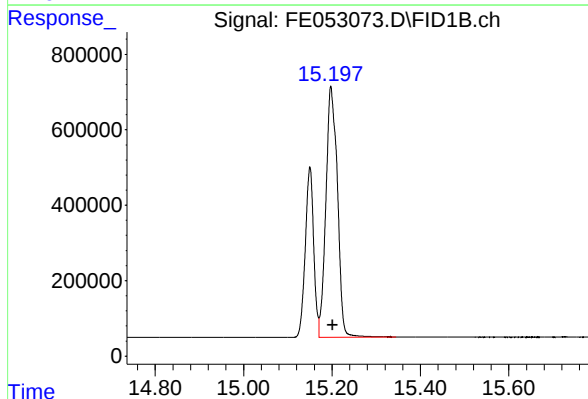
#13 n-Docosane (C22)

R.T.: 14.101 min
Delta R.T.: 0.006 min
Response: 5689962
Conc: 41.55 ug/ml

Instrument :
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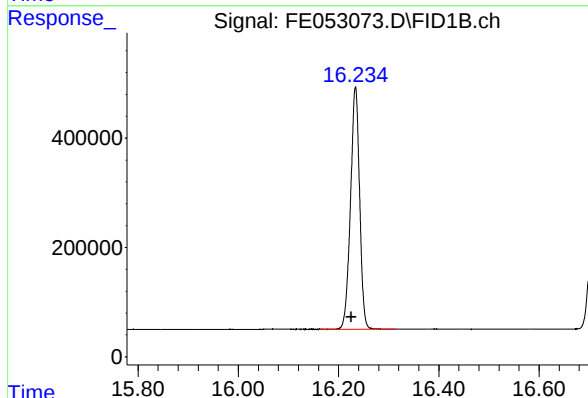
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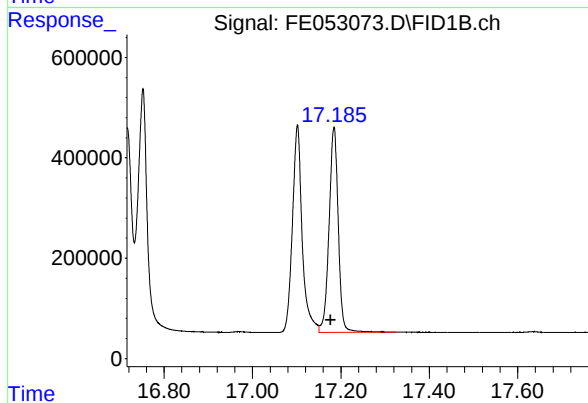
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.003 min
Response: 11989122
Conc: 88.77 ug/ml



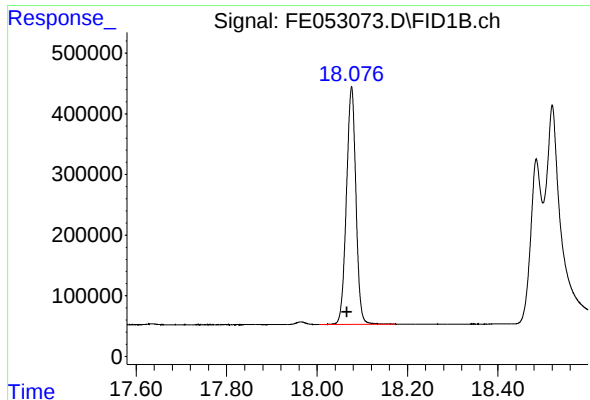
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: 0.008 min
Response: 5584308
Conc: 41.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.184 min
Delta R.T.: 0.008 min
Response: 5917434
Conc: 44.84 ug/ml



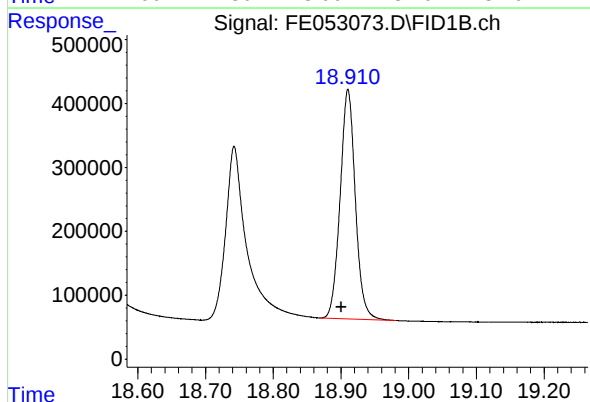
#17 n-Tricontane (C30)

R.T.: 18.076 min
Delta R.T.: 0.010 min
Response: 5708218
Conc: 42.11 ug/ml

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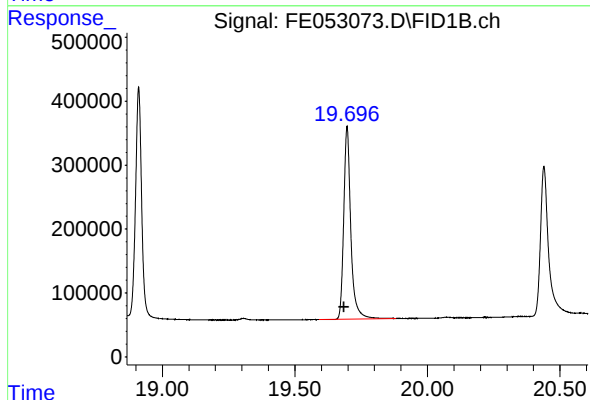
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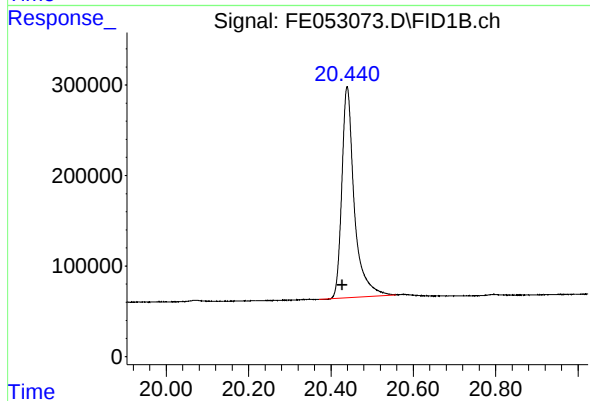
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.010 min
Response: 5617482
Conc: 41.75 ug/ml



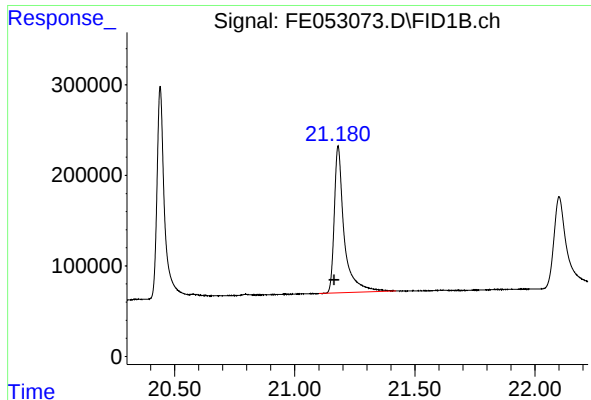
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: 0.011 min
Response: 5592485
Conc: 43.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: 0.012 min
Response: 4892528
Conc: 41.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: 0.015 min
Response: 4653279
Conc: 40.49 ug/ml

Instrument :

FID_E

ClientSampleId :

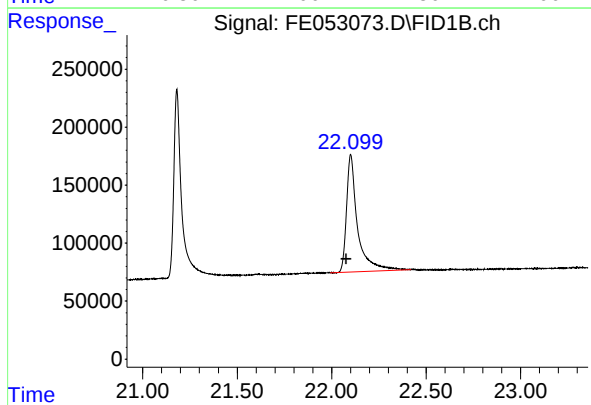
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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: 0.022 min
Response: 4102110
Conc: 36.52 ug/ml