

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
 Data File : FE050269.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2024 06:00
 Operator : YP\AJ
 Sample : PB163556BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163556BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/23/2024

Supervised By :Ankita Jodhani 09/23/2024

Integration File: autoint1.e

Quant Time: Sep 21 07:51:07 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 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)	11.868	5943236	39.947 ug/ml
Spiked Amount 50.000		Recovery =	79.89%
12) S 1-chlorooctadecane (S...	13.301	4946487	44.036 ug/ml
Spiked Amount 50.000		Recovery =	88.07%
Target Compounds			
1) T n-Nonane (C9)	3.267	6012398	44.357 ug/ml
2) T n-Decane (C10)	4.513	6342364	45.955 ug/ml
3) T A~Naphthalene (C11.7)	6.217	6655229	47.548 ug/ml
4) T n-Dodecane (C12)	6.676	6307830	45.615 ug/ml
5) T A~2-methylnaphthalene...	7.312	5894780	44.848 ug/ml
6) T n-Tetradecane (C14)	8.504	6580497	48.325 ug/ml
7) T n-Hexadecane (C16)	10.108	6594007	47.472 ug/ml
8) T n-Octadecane (C18)	11.550	6549209	46.746 ug/ml
10) T n-Eicosane (C20)	12.858	6518337	48.592 ug/mlm
11) T n-Heneicosane (C21)	13.468	6328141	48.160 ug/ml
13) T n-Docosane (C22)	14.053	6204707	47.649 ug/ml
14) T n-Tetracosane (C24)	15.152	12015643	92.010 ug/ml
15) T n-Hexacosane (C26)	16.175	6027810	47.115 ug/ml
16) T n-Octacosane (C28)	17.122	7037815	54.638 ug/ml
17) T n-Tricontane (C30)	18.008	6255933	46.783 ug/ml
18) T n-Dotriacontane (C32)	18.840	6380844	47.884 ug/mlm
19) T n-Tetratriacontane (C34)	19.623	6554821	53.049 ug/ml
20) T n-Hexatriacontane (C36)	20.362	6491232	58.506 ug/ml
21) T n-Octatriacontane (C38)	21.087	6488749	58.839 ug/mlm
22) T n-Tetracontane (C40)	21.976	6079496	55.870 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163556BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

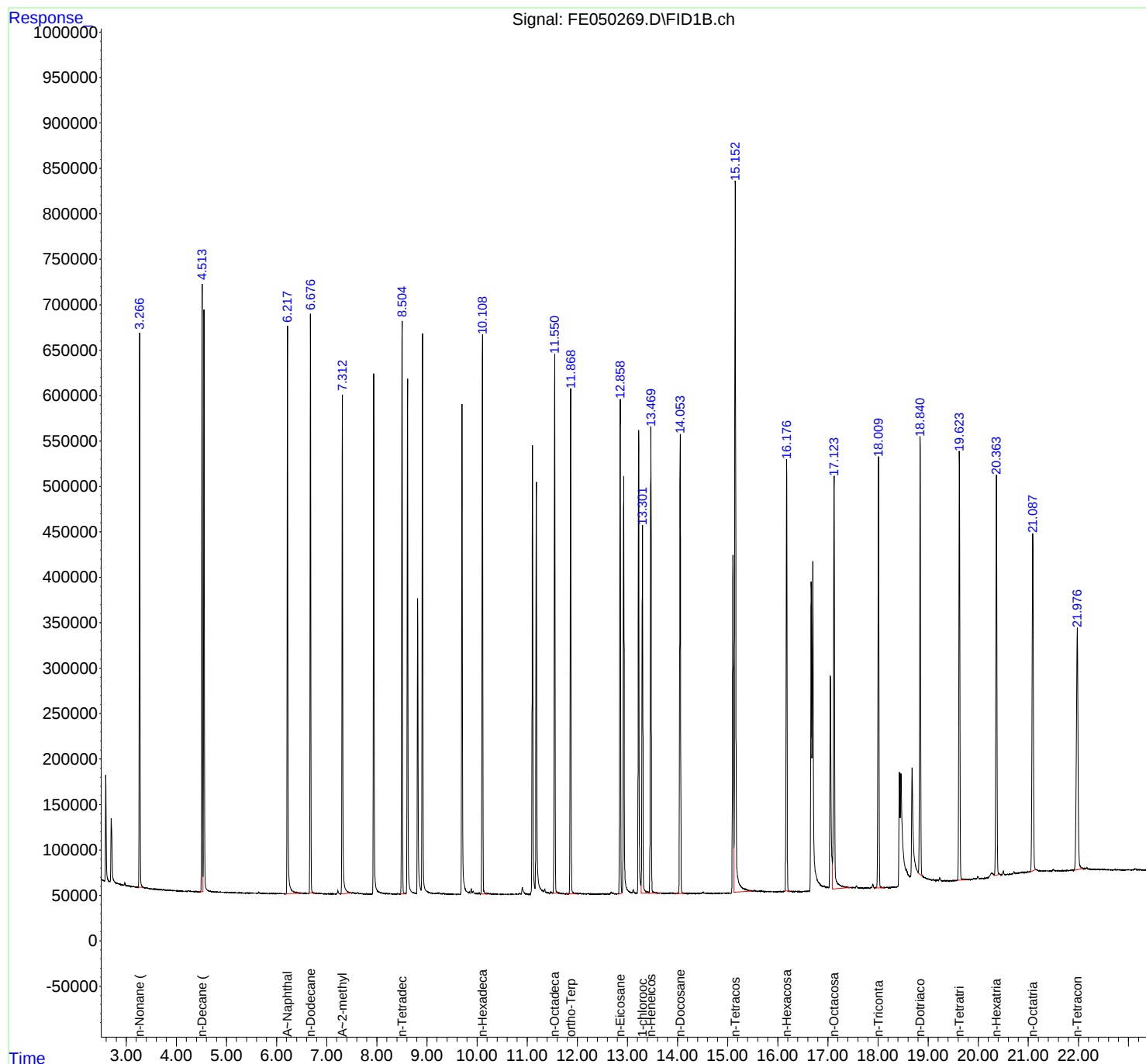
Instrument :
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ClientSampleId :
PB163556BSD

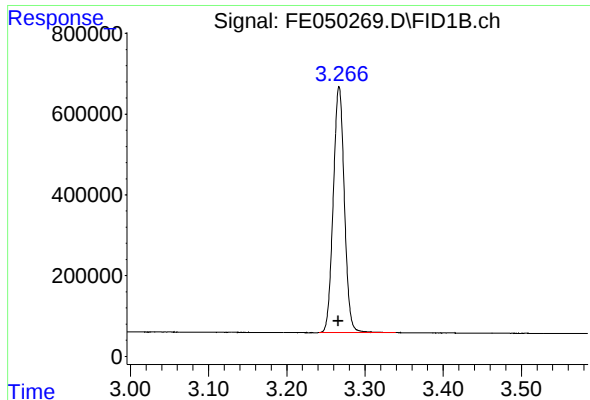
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Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





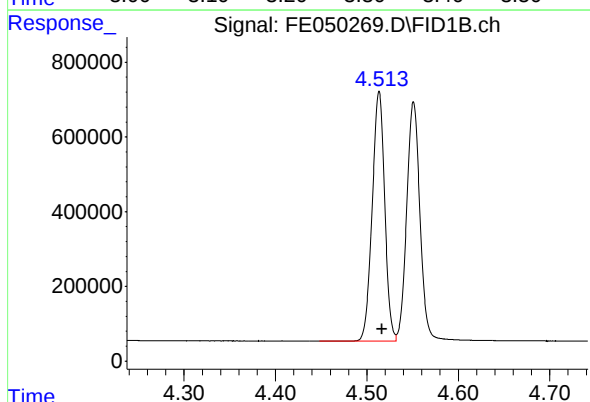
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 6012398
Conc: 44.36 ug/ml

Instrument :
FID_E
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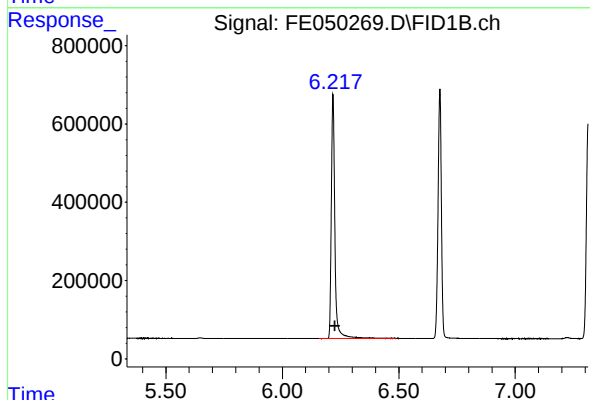
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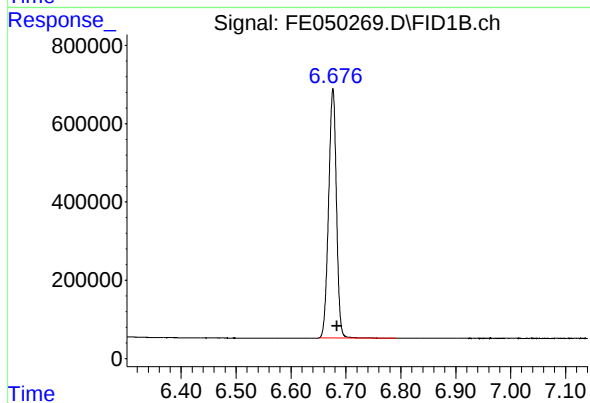
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.003 min
Response: 6342364
Conc: 45.96 ug/ml



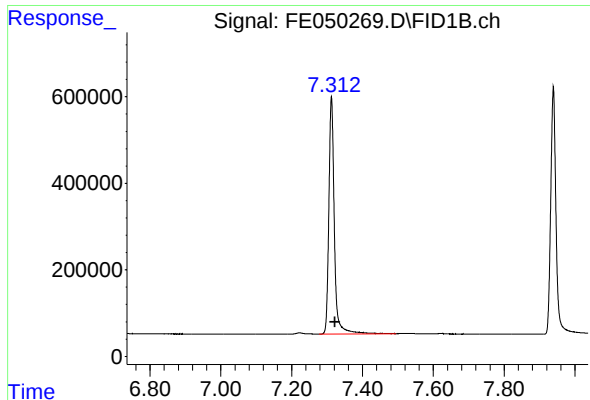
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 6655229
Conc: 47.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.676 min
Delta R.T.: -0.008 min
Response: 6307830
Conc: 45.62 ug/ml



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

R.T.: 7.312 min
Delta R.T.: -0.011 min
Response: 5894780
Conc: 44.85 ug/ml

Instrument :

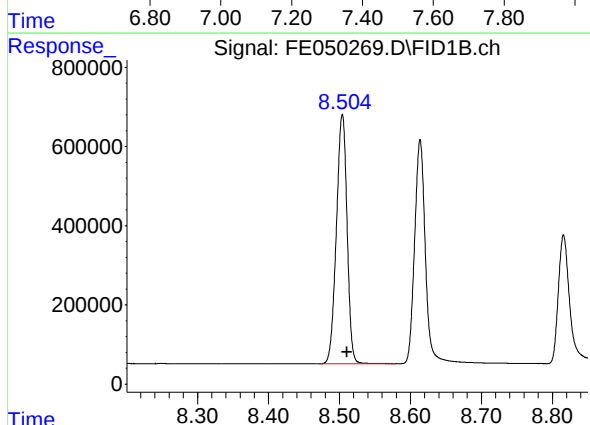
FID_E

ClientSampleId :

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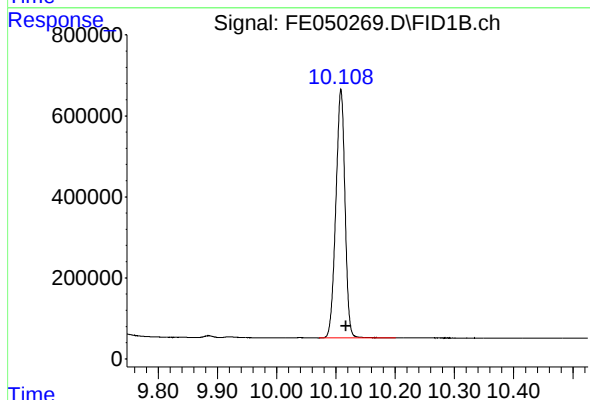
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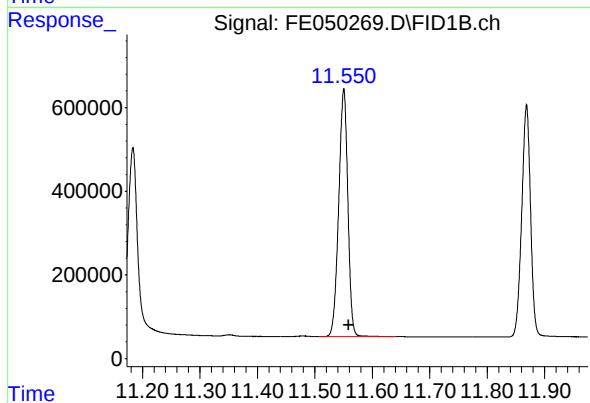
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.007 min
Response: 6580497
Conc: 48.32 ug/ml



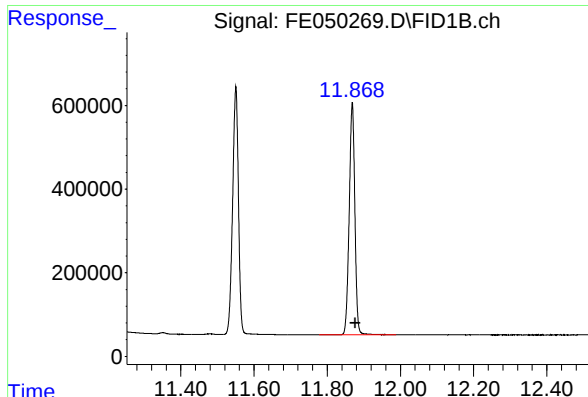
#7 n-Hexadecane (C16)

R.T.: 10.108 min
Delta R.T.: -0.009 min
Response: 6594007
Conc: 47.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.550 min
Delta R.T.: -0.009 min
Response: 6549209
Conc: 46.75 ug/ml



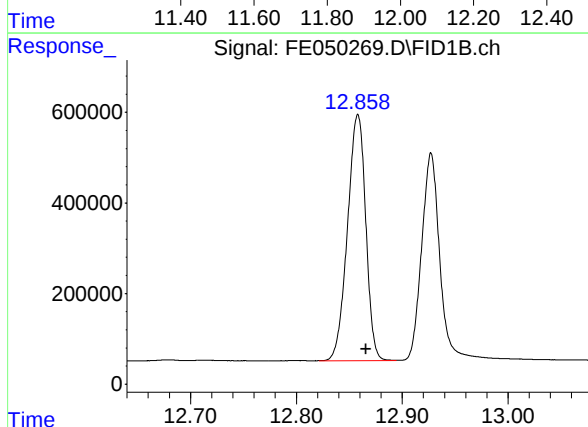
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.008 min
Response: 5943236
Conc: 39.95 ug/ml

Instrument :
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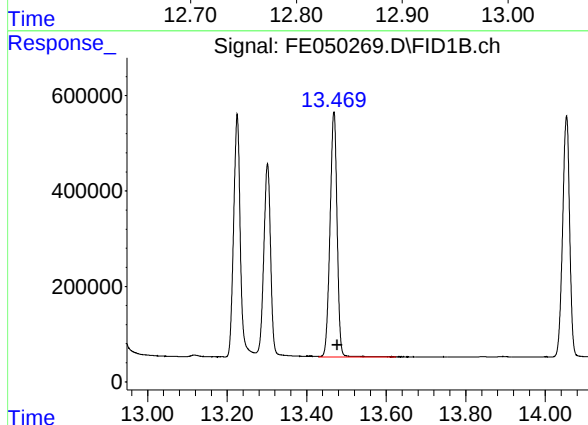
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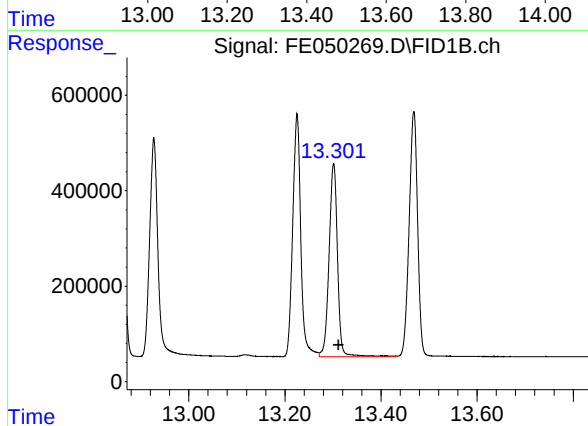
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: -0.008 min
Response: 6518337
Conc: 48.59 ug/ml



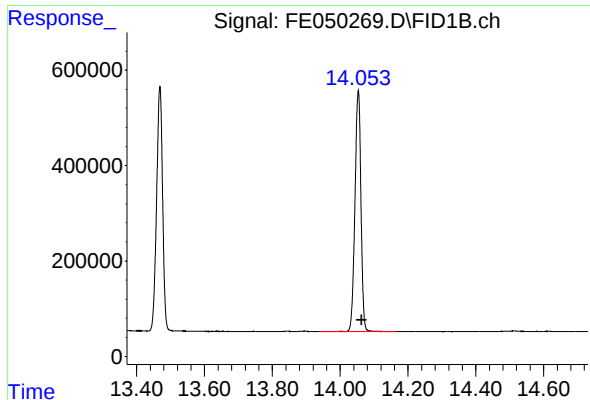
#11 n-Heneicosane (C21)

R.T.: 13.468 min
Delta R.T.: -0.009 min
Response: 6328141
Conc: 48.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.301 min
Delta R.T.: -0.011 min
Response: 4946487
Conc: 44.04 ug/ml



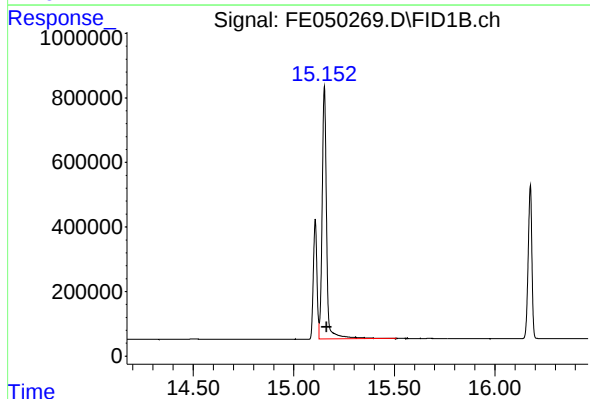
#13 n-Docosane (C22)

R.T.: 14.053 min
Delta R.T.: -0.010 min
Response: 6204707
Conc: 47.65 ug/ml

Instrument :
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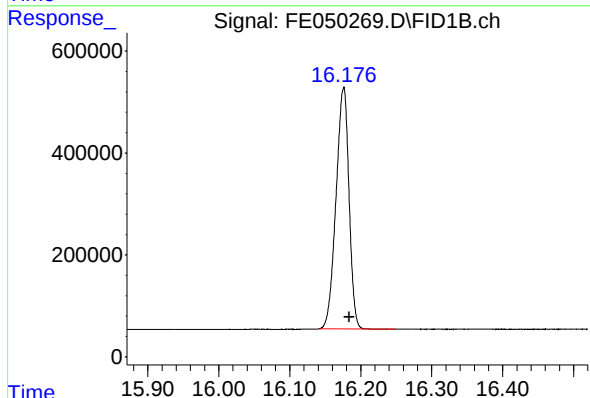
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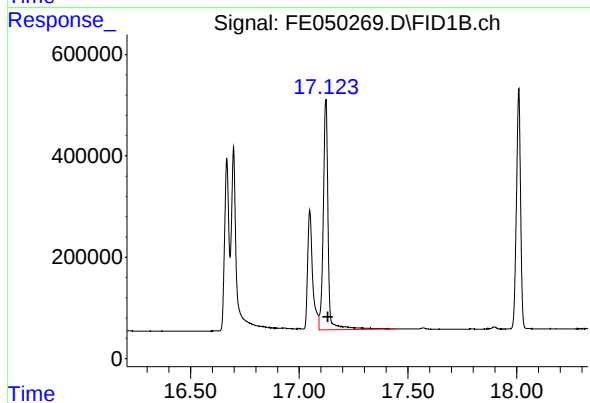
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.013 min
Response: 12015643
Conc: 92.01 ug/ml



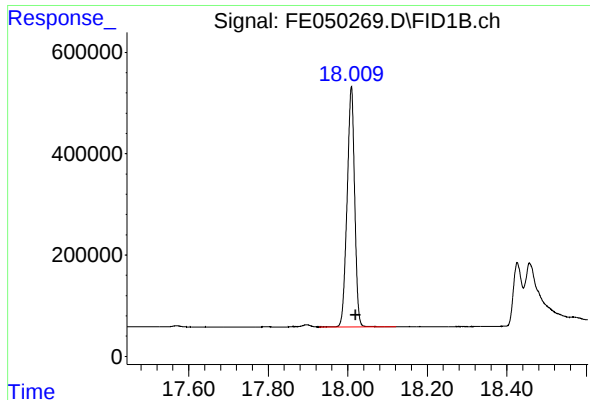
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.009 min
Response: 6027810
Conc: 47.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.012 min
Response: 7037815
Conc: 54.64 ug/ml



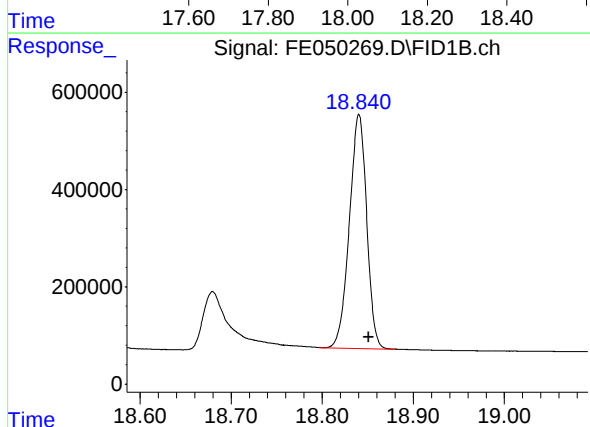
#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.011 min
Response: 6255933
Conc: 46.78 ug/ml

Instrument :
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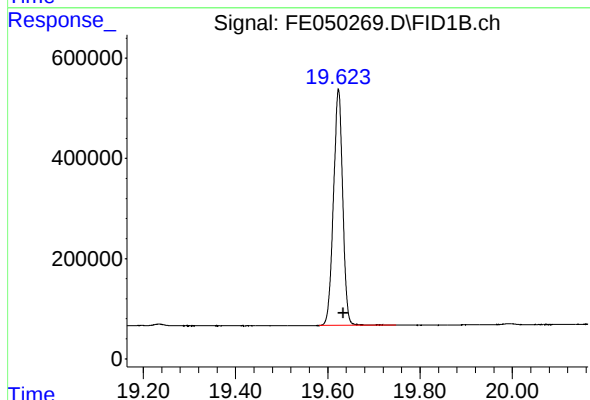
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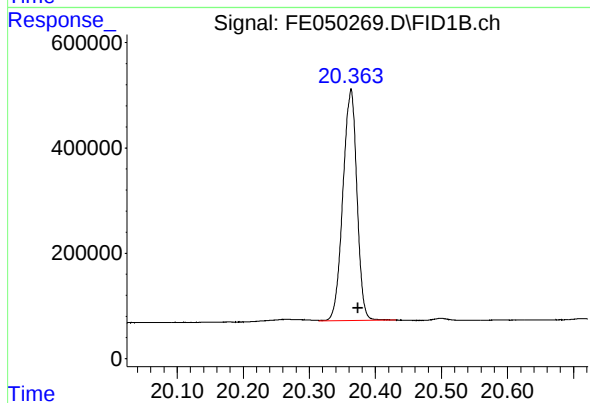
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.011 min
Response: 6380844
Conc: 47.88 ug/ml



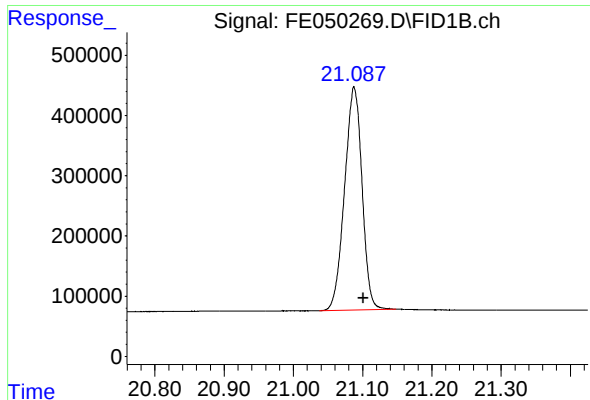
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.011 min
Response: 6554821
Conc: 53.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.012 min
Response: 6491232
Conc: 58.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.087 min
Delta R.T.: -0.014 min
Response: 6488749
Conc: 58.84 ug/ml

Instrument :

FID_E

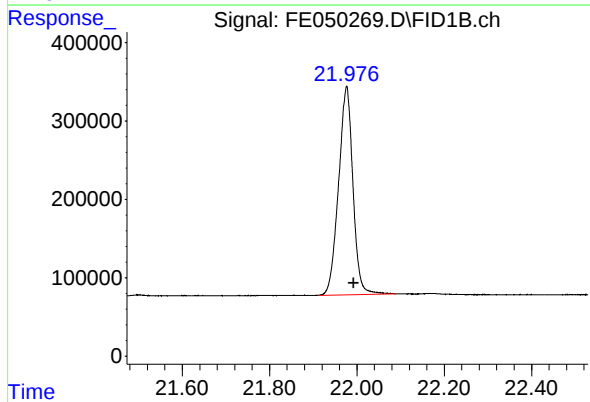
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#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: -0.016 min
Response: 6079496
Conc: 55.87 ug/ml m