

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121924AL\
 Data File : FE051713.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2024 14:31
 Operator : YP\AJ
 Sample : PB165706BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165706BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2024

Supervised By :Ankita Jodhani 12/20/2024

Integration File: autoint1.e

Quant Time: Dec 20 04:27:19 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M

Quant Title : GC Extractables

QLast Update : Tue Dec 17 15:04:25 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)	12.015	5167803	32.190 ug/ml
Spiked Amount 50.000		Recovery =	64.38%
12) S 1-chlorooctadecane (S...	13.436	4360119	34.564 ug/ml
Spiked Amount 50.000		Recovery =	69.13%
Target Compounds			
1) T n-Nonane (C9)	3.492	5411168	45.160 ug/ml
2) T n-Decane (C10)	4.721	5914214	47.568 ug/ml
3) T A~Naphthalene (C11.7)	6.405	6977100	48.962 ug/ml
4) T n-Dodecane (C12)	6.854	6359846	48.877 ug/ml
5) T A~2-methylnaphthalene...	7.488	6542166	46.228 ug/ml
6) T n-Tetradecane (C14)	8.667	6600471	49.228 ug/ml
7) T n-Hexadecane (C16)	10.261	6758607	47.293 ug/ml
8) T n-Octadecane (C18)	11.694	6973653	47.307 ug/ml
10) T n-Eicosane (C20)	12.995	7176561	49.884 ug/ml
11) T n-Heneicosane (C21)	13.602	6924341	48.726 ug/ml
13) T n-Docosane (C22)	14.185	6891378	48.881 ug/ml
14) T n-Tetracosane (C24)	15.274	13706543	98.238 ug/ml
15) T n-Hexacosane (C26)	16.294	6569087	48.755 ug/ml
16) T n-Octacosane (C28)	17.234	6450650	49.587 ug/ml
17) T n-Tricontane (C30)	18.117	6326155	47.801 ug/ml
18) T n-Dotriacontane (C32)	18.942	6194673	49.413 ug/ml
19) T n-Tetratriacontane (C34)	19.719	6223381	56.565 ug/ml
20) T n-Hexatriacontane (C36)	20.453	6075059	63.274 ug/ml
21) T n-Octatriacontane (C38)	21.192	6213736	69.006 ug/ml
22) T n-Tetracontane (C40)	22.114	6410124	65.674 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121924AL\
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Signal(s) : FID1B.ch
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Operator : YP\AJ
Sample : PB165706BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

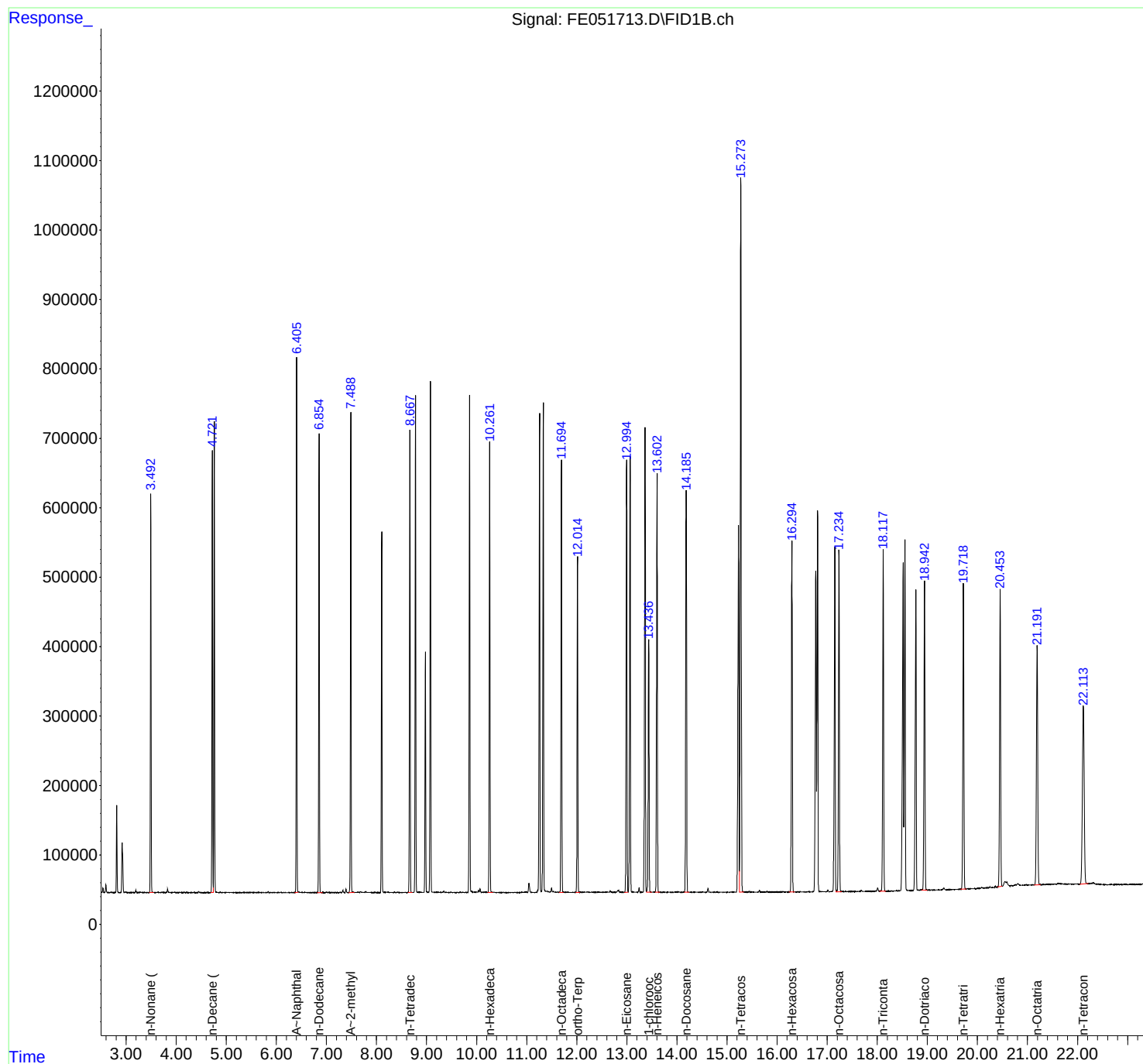
Instrument :
FID_E
ClientSampleId :
PB165706BSD

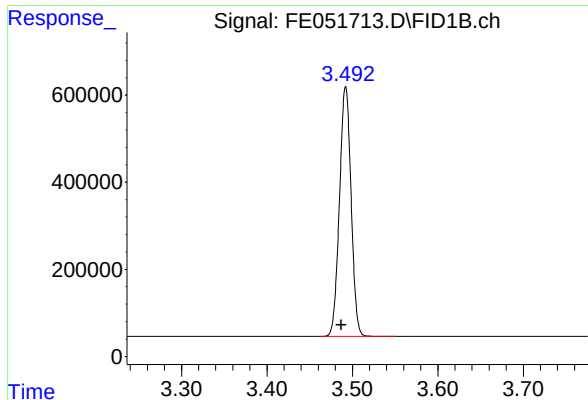
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.
Quant Title : GC Extractables
QLast Update : Tue Dec 17 15:04:25 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.492 min
Delta R.T.: 0.005 min
Response: 5411168
Conc: 45.16 ug/ml

Instrument :

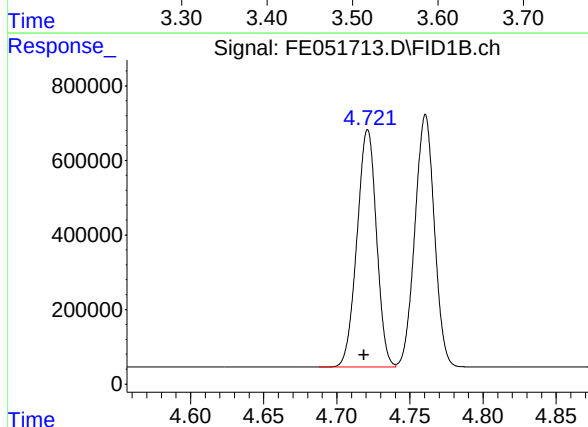
FID_E

ClientSampleId :

PB165706BSD

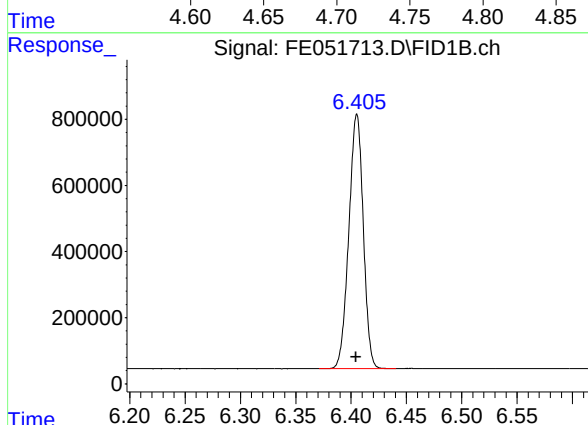
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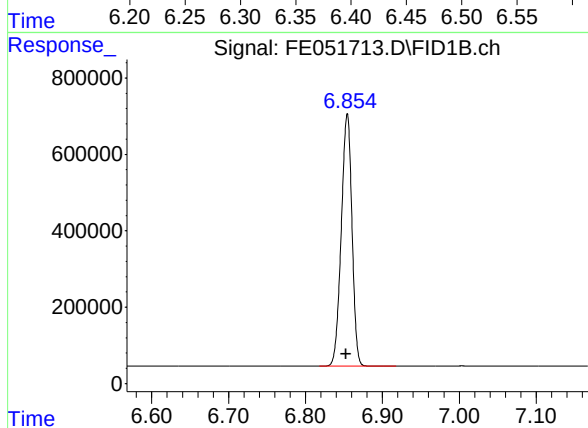
#2 n-Decane (C10)

R.T.: 4.721 min
Delta R.T.: 0.002 min
Response: 5914214
Conc: 47.57 ug/ml



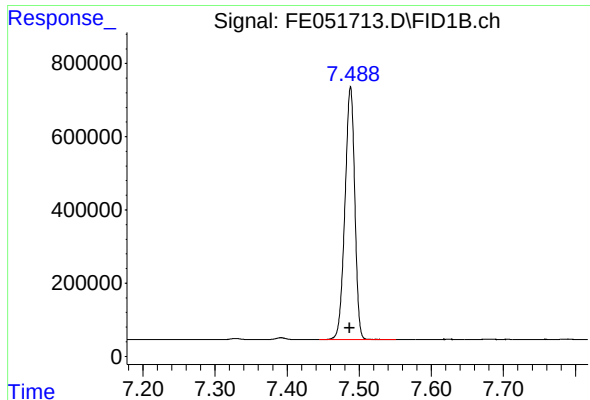
#3 A~Naphthalene (C11.7)

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 6977100
Conc: 48.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.854 min
Delta R.T.: 0.001 min
Response: 6359846
Conc: 48.88 ug/ml



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

R.T.: 7.488 min
Delta R.T.: 0.001 min
Response: 6542166
Conc: 46.23 ug/ml

Instrument :

FID_E

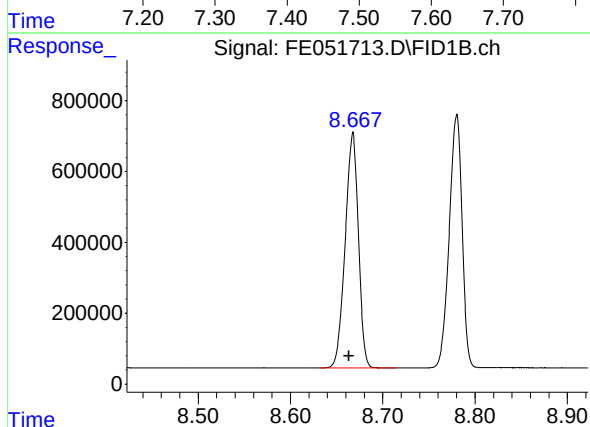
ClientSampleId :

PB165706BSD

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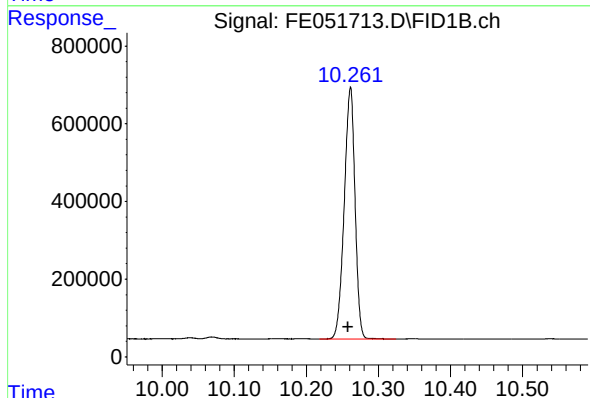
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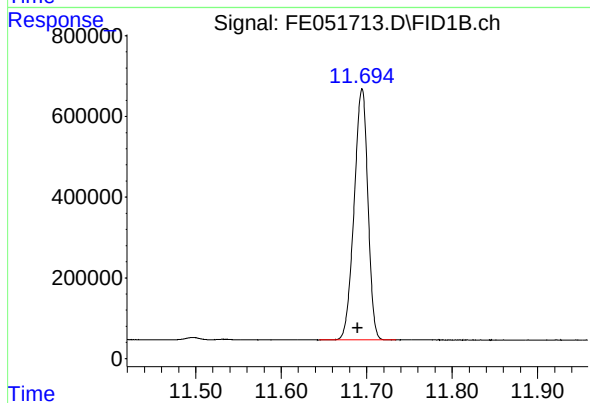
#6 n-Tetradecane (C14)

R.T.: 8.667 min
Delta R.T.: 0.004 min
Response: 6600471
Conc: 49.23 ug/ml



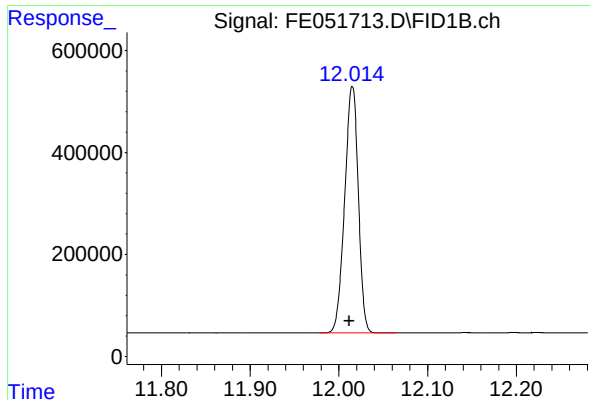
#7 n-Hexadecane (C16)

R.T.: 10.261 min
Delta R.T.: 0.003 min
Response: 6758607
Conc: 47.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.694 min
Delta R.T.: 0.005 min
Response: 6973653
Conc: 47.31 ug/ml



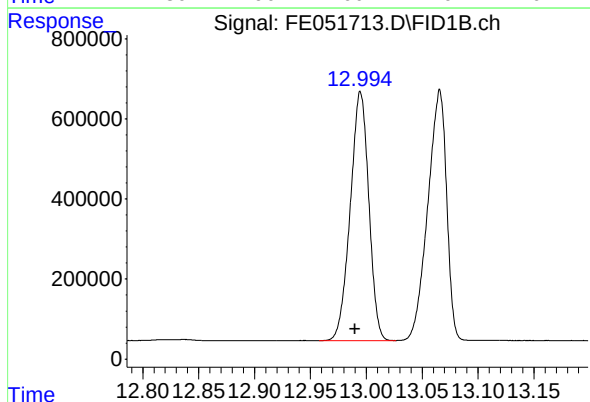
#9 ortho-Terphenyl (SURR)

R.T.: 12.015 min
Delta R.T.: 0.003 min
Response: 5167803
Conc: 32.19 ug/ml

Instrument :
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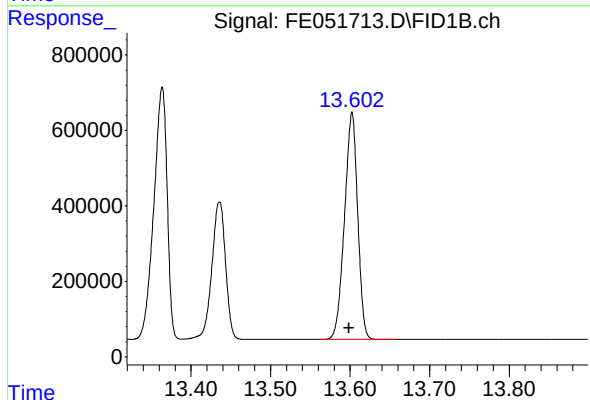
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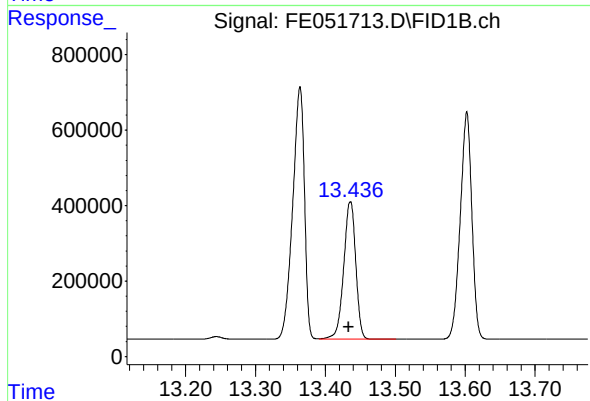
#10 n-Eicosane (C20)

R.T.: 12.995 min
Delta R.T.: 0.005 min
Response: 7176561
Conc: 49.88 ug/ml



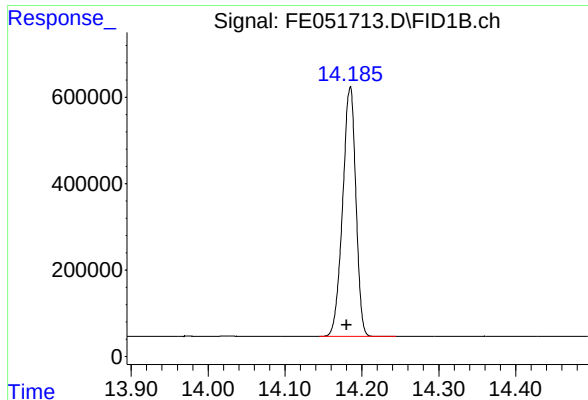
#11 n-Heneicosane (C21)

R.T.: 13.602 min
Delta R.T.: 0.004 min
Response: 6924341
Conc: 48.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.436 min
Delta R.T.: 0.003 min
Response: 4360119
Conc: 34.56 ug/ml



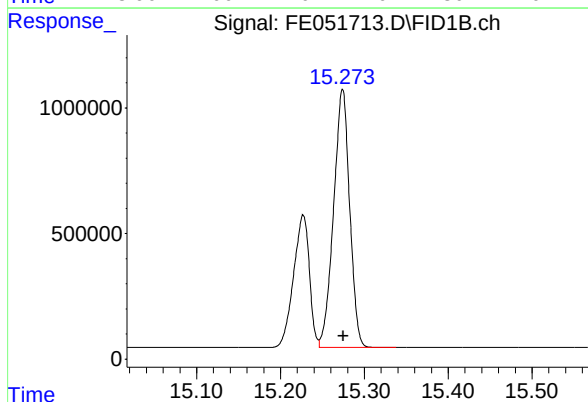
#13 n-Docosane (C22)

R.T.: 14.185 min
Delta R.T.: 0.004 min
Response: 6891378
Conc: 48.88 ug/ml

Instrument :
FID_E
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PB165706BSD

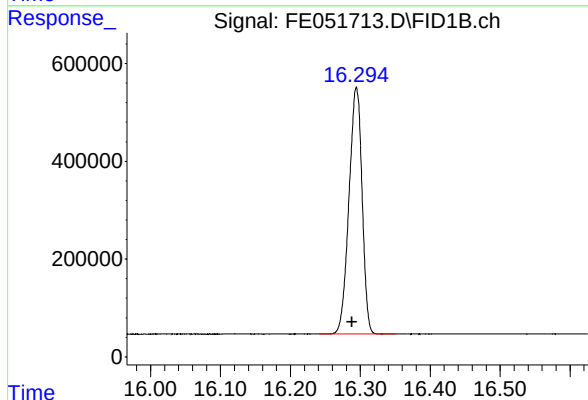
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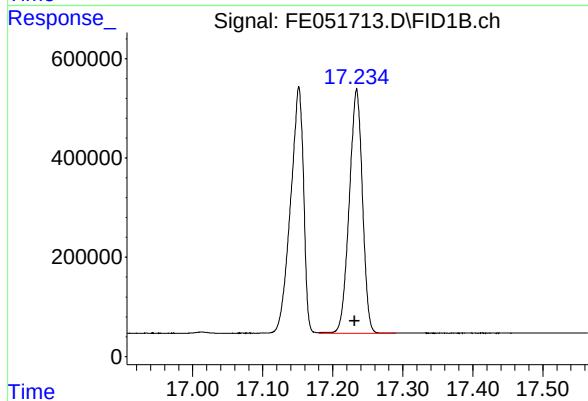
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.000 min
Response: 13706543
Conc: 98.24 ug/ml



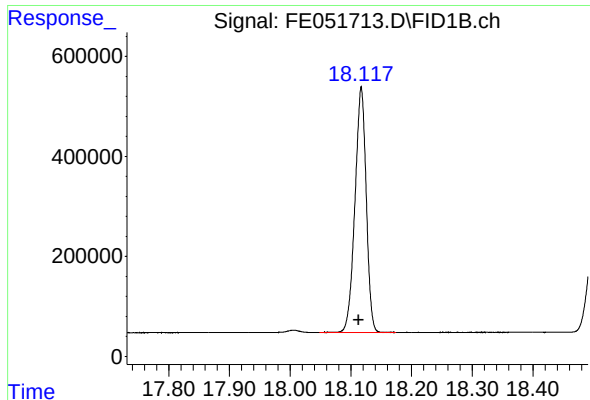
#15 n-Hexacosane (C26)

R.T.: 16.294 min
Delta R.T.: 0.006 min
Response: 6569087
Conc: 48.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.003 min
Response: 6450650
Conc: 49.59 ug/ml m



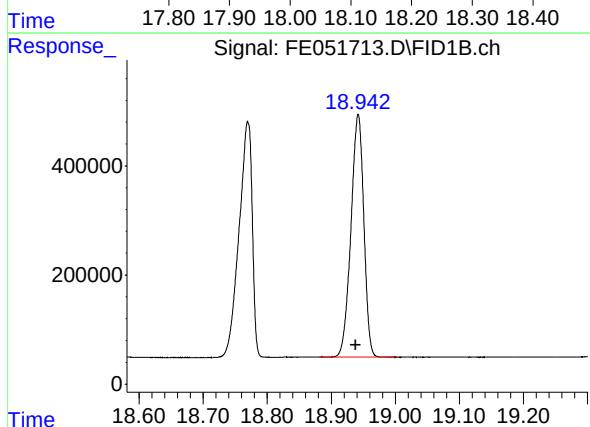
#17 n-Tricontane (C30)

R.T.: 18.117 min
Delta R.T.: 0.004 min
Response: 6326155
Conc: 47.80 ug/ml

Instrument :
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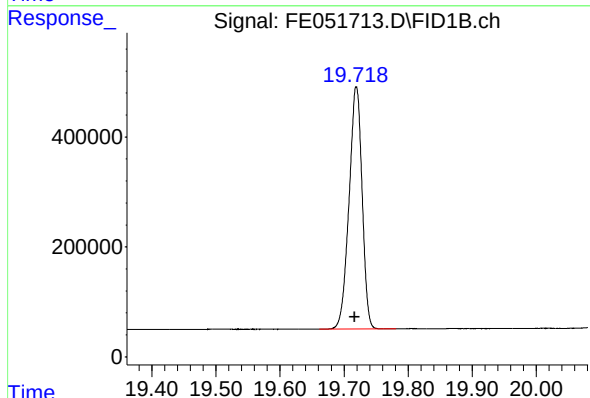
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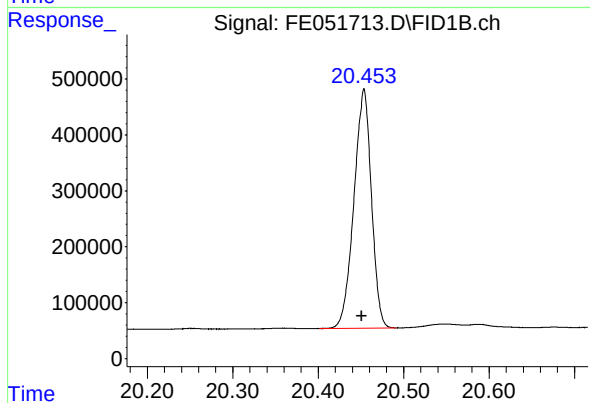
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.004 min
Response: 6194673
Conc: 49.41 ug/ml



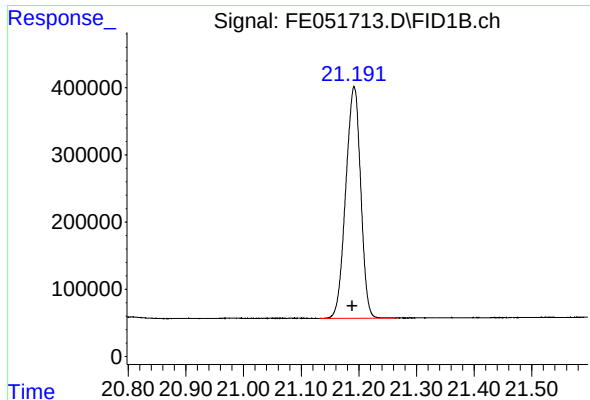
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.002 min
Response: 6223381
Conc: 56.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: 0.002 min
Response: 6075059
Conc: 63.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.003 min
Response: 6213736
Conc: 69.01 ug/ml

Instrument :

FID_E

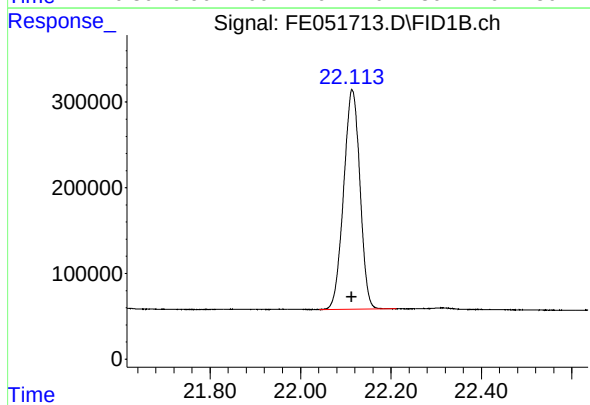
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#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: 0.001 min
Response: 6410124
Conc: 65.67 ug/ml