

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060524AL\
 Data File : FE048566.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jun 2024 13:53
 Operator : YP\AJ
 Sample : PB161330BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB161330BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/06/2024

Supervised By :Ankita Jodhani 06/06/2024

Integration File: autoint1.e

Quant Time: Jun 06 01:35:32 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 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)	11.948	6990833	48.684 ug/ml
Spiked Amount 50.000		Recovery =	97.37%
12) S 1-chlorooctadecane (S...	13.381	5863804	53.825 ug/ml
Spiked Amount 50.000		Recovery =	107.65%
Target Compounds			
1) T n-Nonane (C9)	3.347	6624276	44.308 ug/ml
2) T n-Decane (C10)	4.590	7063053	46.775 ug/ml
3) T A~Naphthalene (C11.7)	6.290	7821016	52.526 ug/ml
4) T n-Dodecane (C12)	6.749	7159509	48.366 ug/ml
5) T A~2-methylnaphthalene...	7.385	7910250	57.050 ug/ml
6) T n-Tetradecane (C14)	8.579	7796932	54.972 ug/ml
7) T n-Hexadecane (C16)	10.185	8054053	57.129 ug/ml
8) T n-Octadecane (C18)	11.628	7954422	57.273 ug/ml
10) T n-Eicosane (C20)	12.937	7914330	59.805 ug/ml
11) T n-Heneicosane (C21)	13.549	7646397	59.032 ug/ml
13) T n-Docosane (C22)	14.134	7597177	58.956 ug/ml
14) T n-Tetracosane (C24)	15.228	14298136	110.368 ug/ml
15) T n-Hexacosane (C26)	16.257	7634519	58.906 ug/ml
16) T n-Octacosane (C28)	17.204	7969561	61.658 ug/ml
17) T n-Tricontane (C30)	18.092	7855405	58.639 ug/ml
18) T n-Dotriacontane (C32)	18.923	8195340	60.375 ug/ml
19) T n-Tetratriacontane (C34)	19.706	8249506	60.303 ug/ml
20) T n-Hexatriacontane (C36)	20.445	8244552	60.651 ug/ml
21) T n-Octatriacontane (C38)	21.184	8401264	61.605 ug/ml
22) T n-Tetracontane (C40)	22.102	8024066	58.603 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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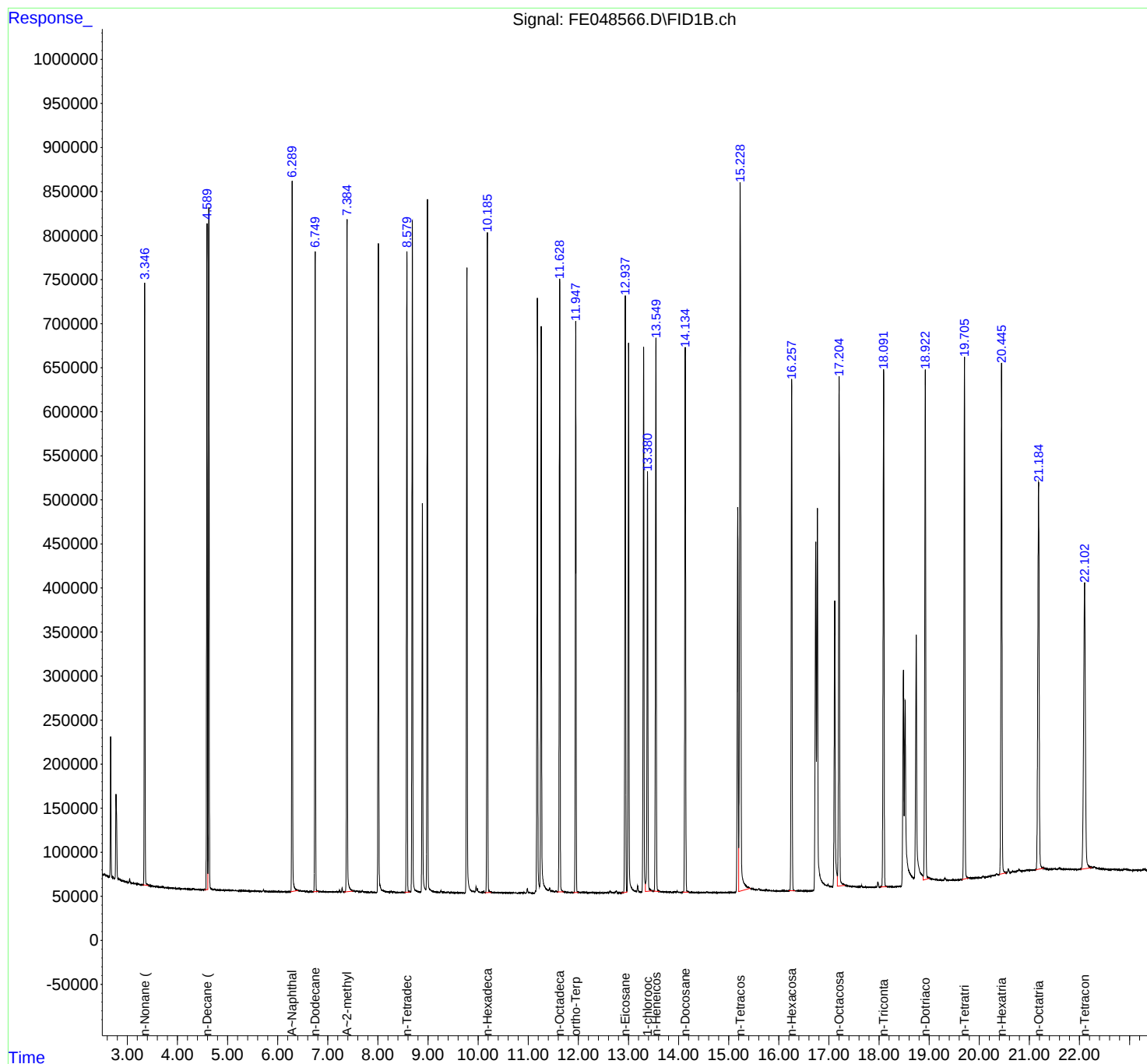
Response via : Initial Calibration

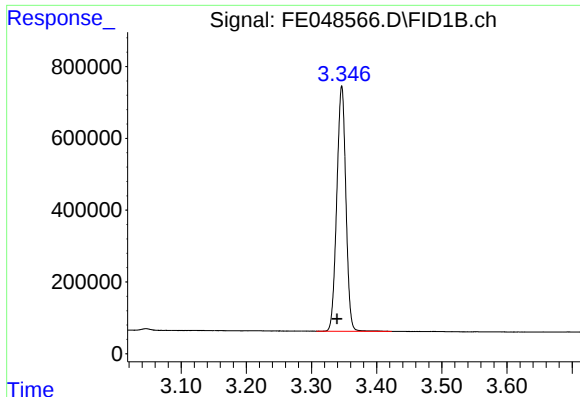
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: 0.008 min
Response: 6624276
Conc: 44.31 ug/ml

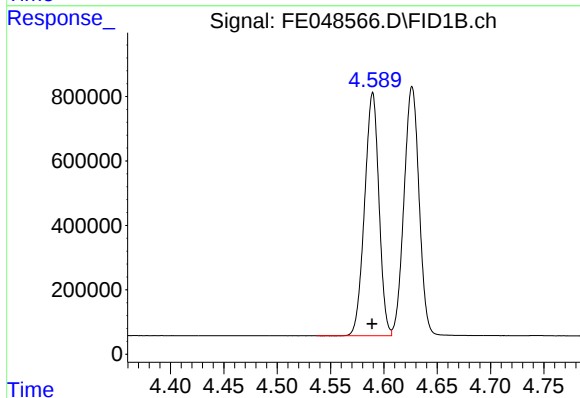
Instrument :

FID_E

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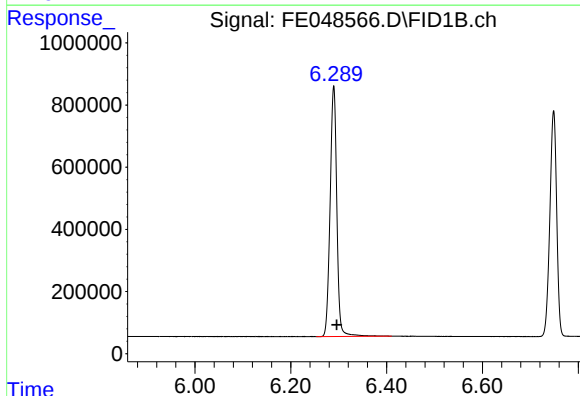
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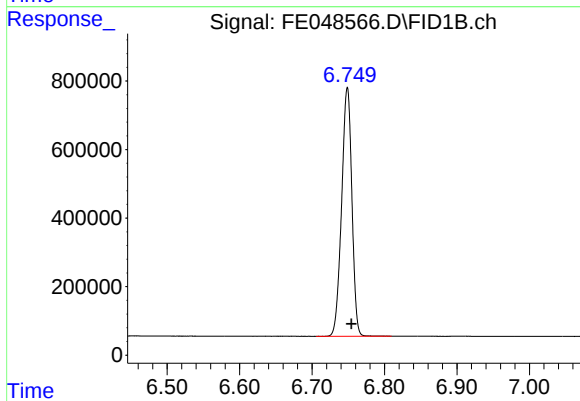
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 7063053
Conc: 46.77 ug/ml



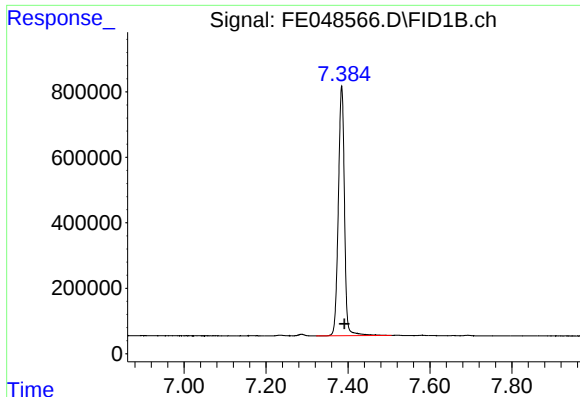
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.006 min
Response: 7821016
Conc: 52.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 7159509
Conc: 48.37 ug/ml



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

R.T.: 7.385 min
Delta R.T.: -0.007 min
Response: 7910250
Conc: 57.05 ug/ml

Instrument :

FID_E

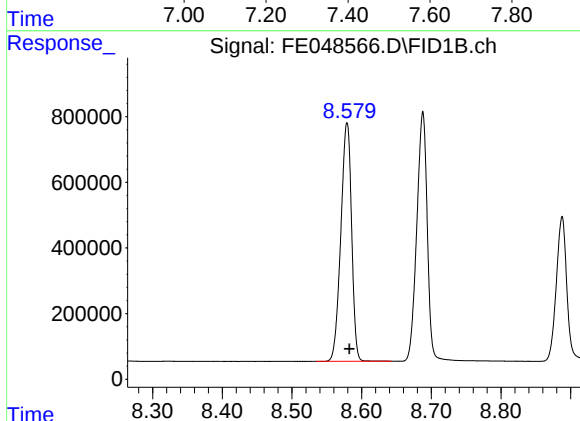
ClientSampleId :

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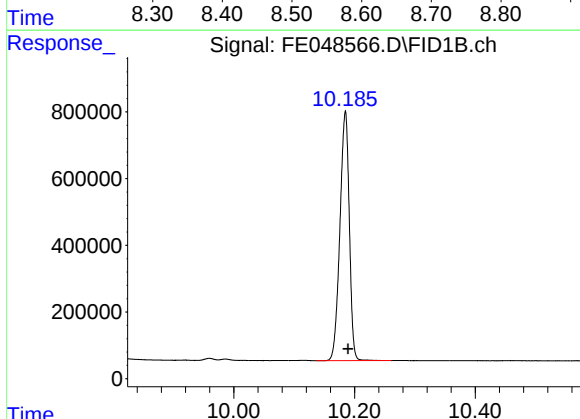
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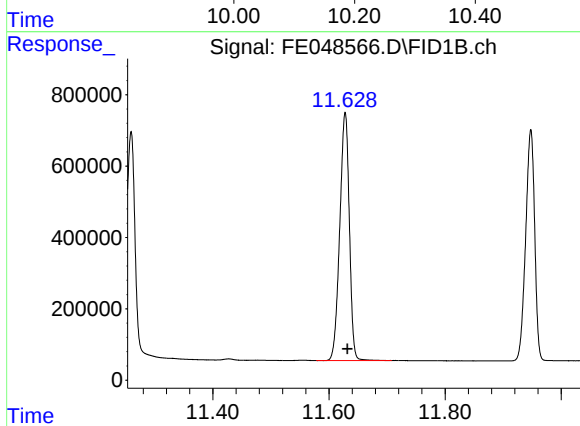
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.003 min
Response: 7796932
Conc: 54.97 ug/ml



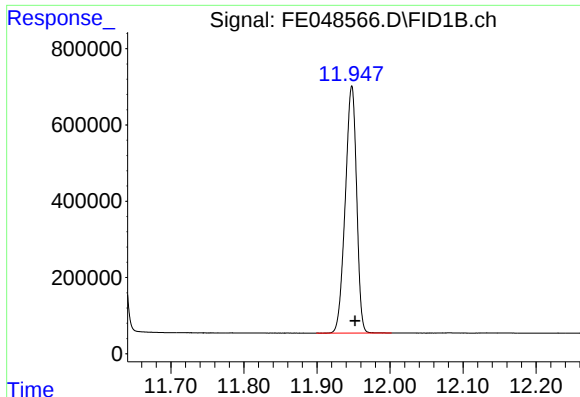
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.004 min
Response: 8054053
Conc: 57.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.004 min
Response: 7954422
Conc: 57.27 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: -0.004 min
Response: 6990833
Conc: 48.68 ug/ml

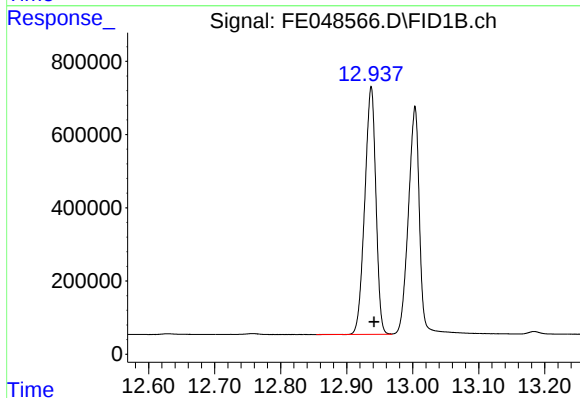
Instrument :

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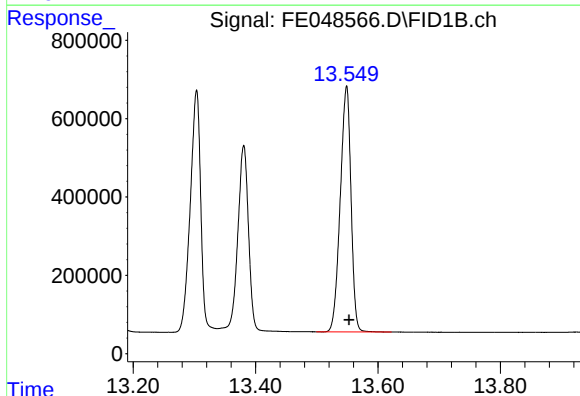
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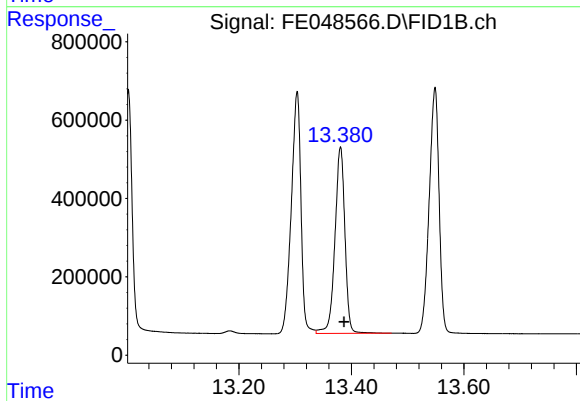
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: -0.005 min
Response: 7914330
Conc: 59.81 ug/ml



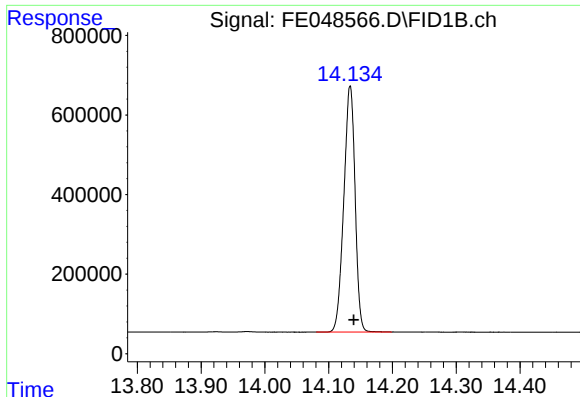
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.004 min
Response: 7646397
Conc: 59.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: -0.006 min
Response: 5863804
Conc: 53.83 ug/ml



#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.006 min
Response: 7597177
Conc: 58.96 ug/ml

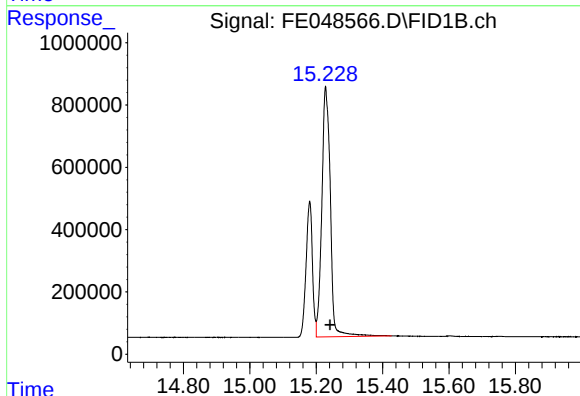
Instrument :

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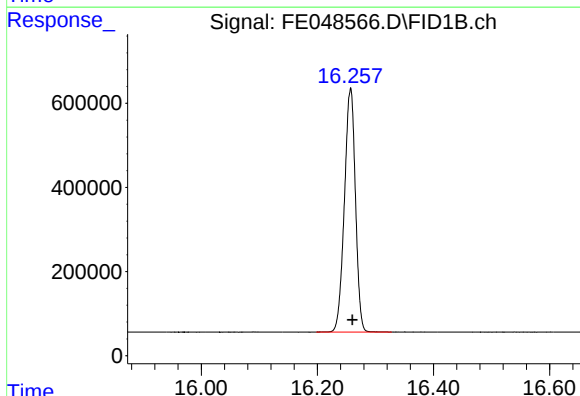
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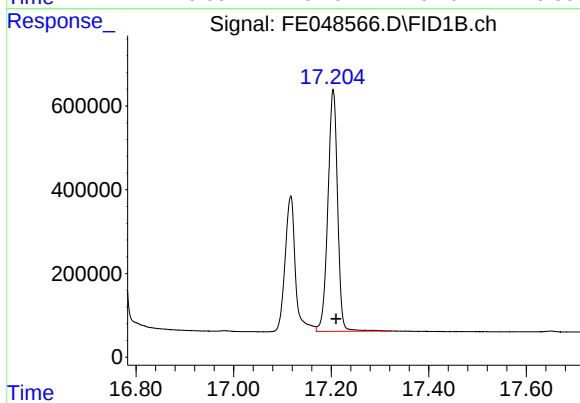
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.013 min
Response: 14298136
Conc: 110.37 ug/ml



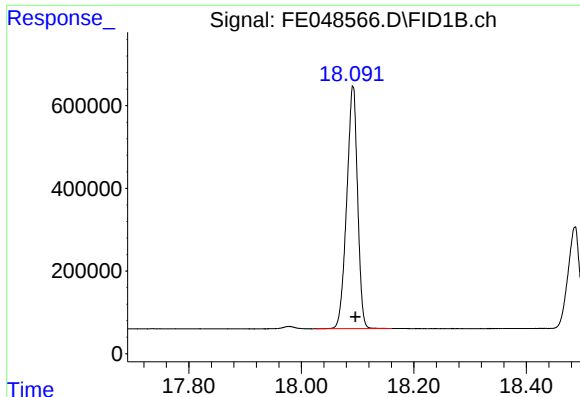
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.003 min
Response: 7634519
Conc: 58.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.006 min
Response: 7969561
Conc: 61.66 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.092 min
Delta R.T.: -0.004 min
Response: 7855405
Conc: 58.64 ug/ml

Instrument :

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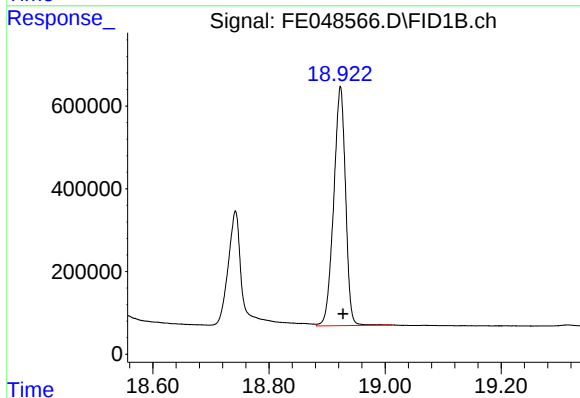
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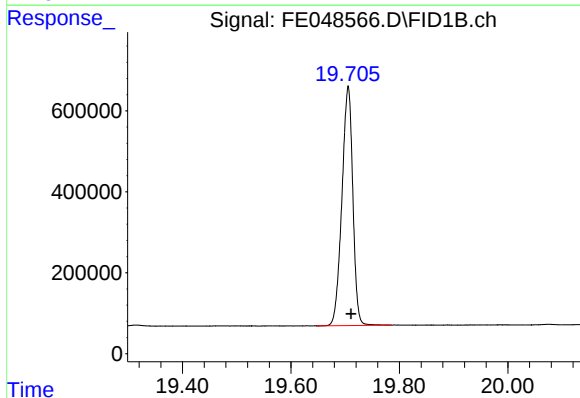
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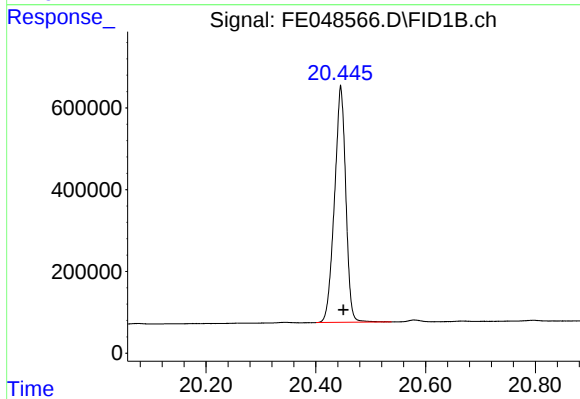
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.005 min
Response: 8195340
Conc: 60.37 ug/ml



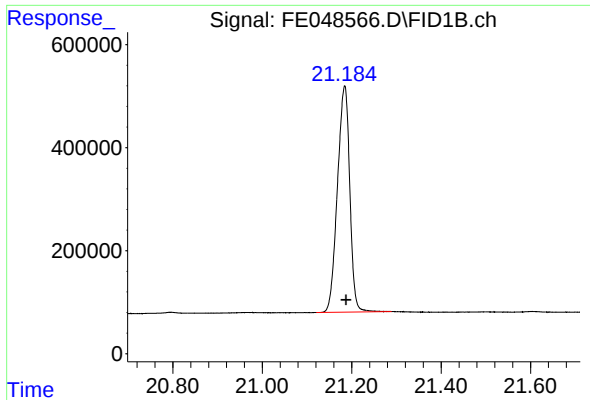
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.005 min
Response: 8249506
Conc: 60.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.005 min
Response: 8244552
Conc: 60.65 ug/ml



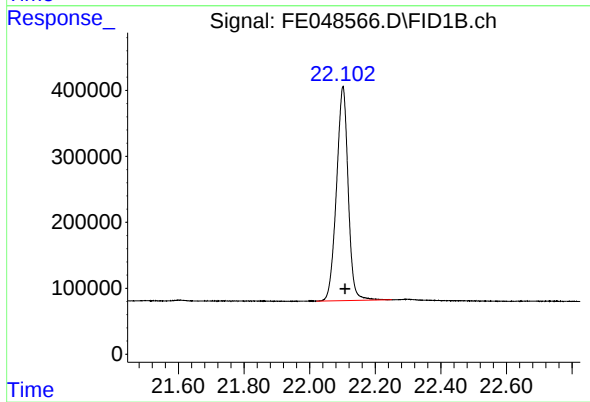
#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.003 min
Response: 8401264
Conc: 61.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.005 min
Response: 8024066
Conc: 58.60 ug/ml m