

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110124AL\
 Data File : FE050966.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2024 16:03
 Operator : YP\AJ
 Sample : PB164589BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB164589BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E

Quant Time: Nov 04 03:09:59 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)	11.856	6651573	42.191 ug/ml
Spiked Amount 50.000		Recovery =	84.38%
12) S 1-chlorooctadecane (S...	13.289	5363050	45.337 ug/ml
Spiked Amount 50.000		Recovery =	90.67%
Target Compounds			
1) T n-Nonane (C9)	3.248	5882181	41.632 ug/ml
2) T n-Decane (C10)	4.496	6241351	43.501 ug/ml
3) T A~Naphthalene (C11.7)	6.205	6388363	44.677 ug/ml
4) T n-Dodecane (C12)	6.662	6529327	45.363 ug/ml
5) T A~2-methylnaphthalene...	7.300	5836522	44.056 ug/ml
6) T n-Tetradecane (C14)	8.490	6522827	45.593 ug/ml
7) T n-Hexadecane (C16)	10.093	6416662	43.600 ug/ml
8) T n-Octadecane (C18)	11.535	6466225	43.290 ug/ml
10) T n-Eicosane (C20)	12.843	6479940	45.188 ug/ml
11) T n-Heneicosane (C21)	13.454	6229737	44.361 ug/ml
13) T n-Docosane (C22)	14.039	6202768	44.212 ug/ml
14) T n-Tetracosane (C24)	15.140	11485574	81.298 ug/mlm
15) T n-Hexacosane (C26)	16.160	6142892	43.654 ug/mlm
16) T n-Octacosane (C28)	17.108	6881626	47.028 ug/mlm
17) T n-Tricontane (C30)	17.995	6414885	40.345 ug/ml
18) T n-Dotriacontane (C32)	18.826	6513615	40.179 ug/ml
19) T n-Tetratriacontane (C34)	19.610	6691817	45.556 ug/ml
20) T n-Hexatriacontane (C36)	20.349	6665983	52.565 ug/ml
21) T n-Octatriacontane (C38)	21.074	6524625	52.768 ug/ml
22) T n-Tetracontane (C40)	21.955	5934705	53.298 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 12 Sample Multiplier: 1

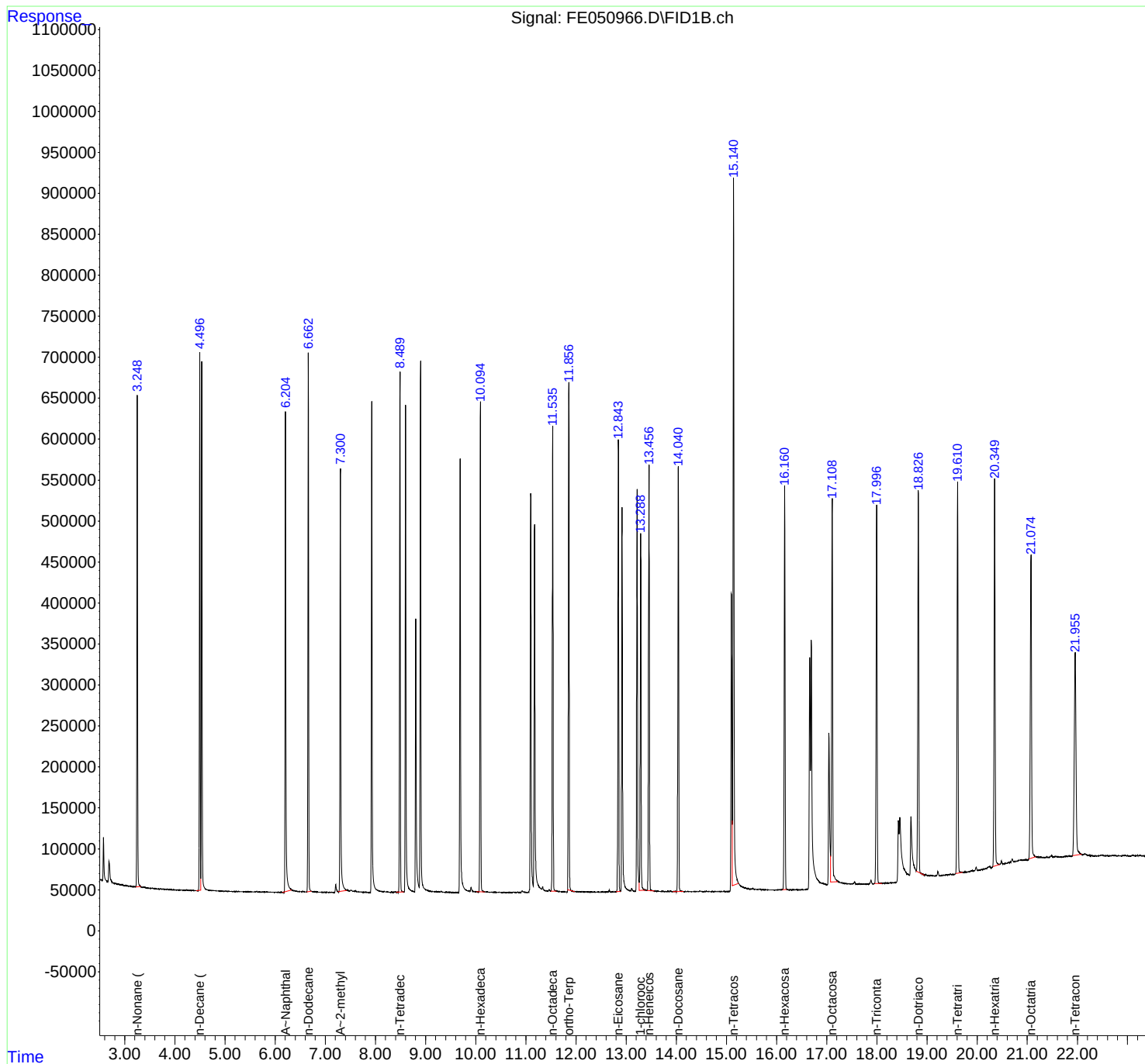
Instrument :
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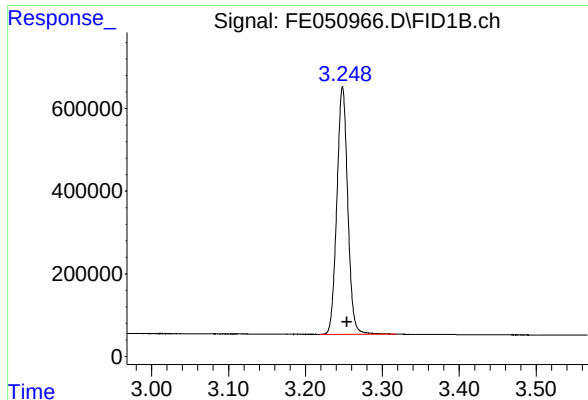
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: -0.006 min
Response: 5882181
Conc: 41.63 ug/ml

Instrument :

FID_E

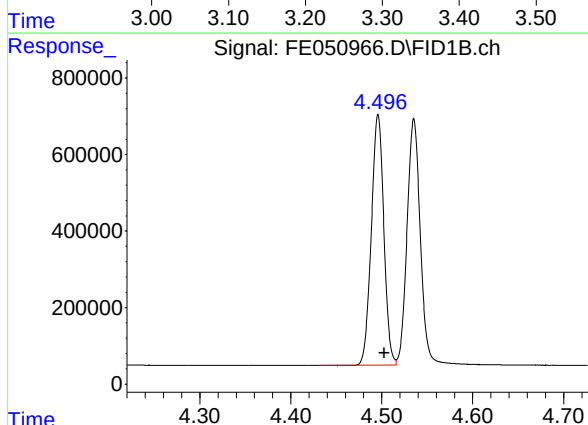
ClientSampleId :

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Manual Integrations

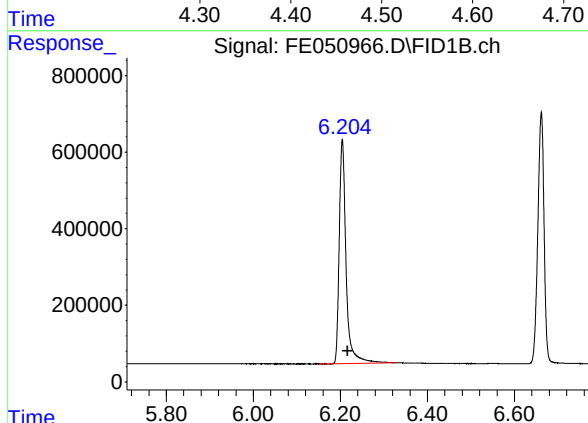
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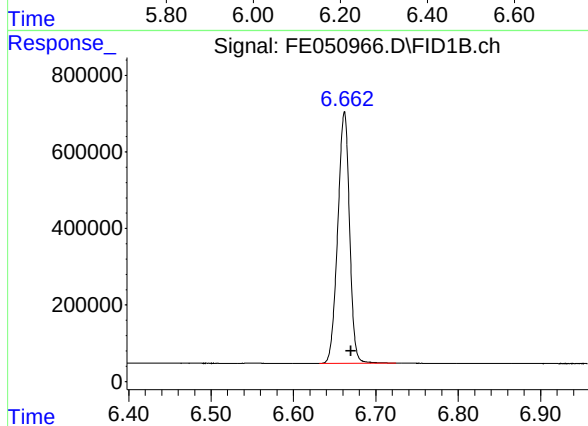
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.007 min
Response: 6241351
Conc: 43.50 ug/ml



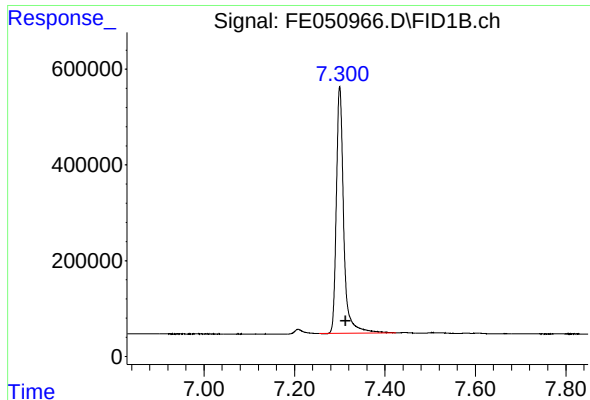
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: -0.012 min
Response: 6388363
Conc: 44.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: -0.008 min
Response: 6529327
Conc: 45.36 ug/ml



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

R.T.: 7.300 min
Delta R.T.: -0.013 min
Response: 5836522
Conc: 44.06 ug/ml

Instrument :

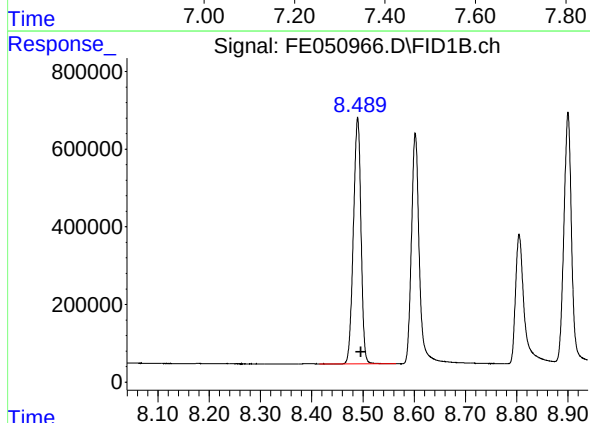
FID_E

ClientSampleId :

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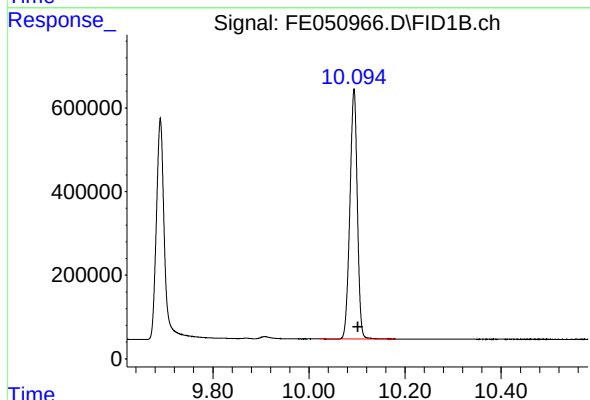
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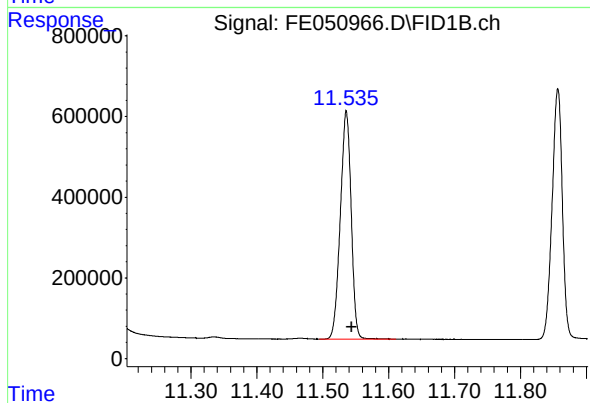
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.007 min
Response: 6522827
Conc: 45.59 ug/ml



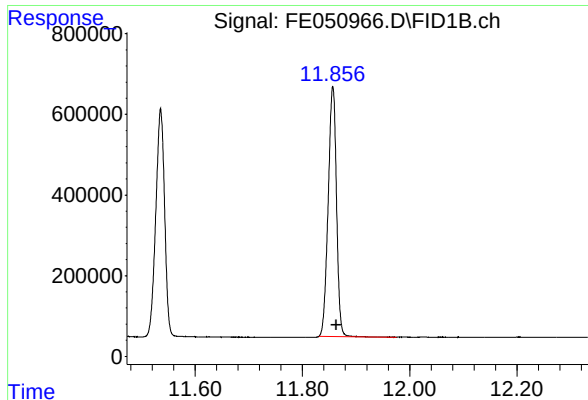
#7 n-Hexadecane (C16)

R.T.: 10.093 min
Delta R.T.: -0.009 min
Response: 6416662
Conc: 43.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.535 min
Delta R.T.: -0.008 min
Response: 6466225
Conc: 43.29 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: -0.007 min
Response: 6651573
Conc: 42.19 ug/ml

Instrument :

FID_E

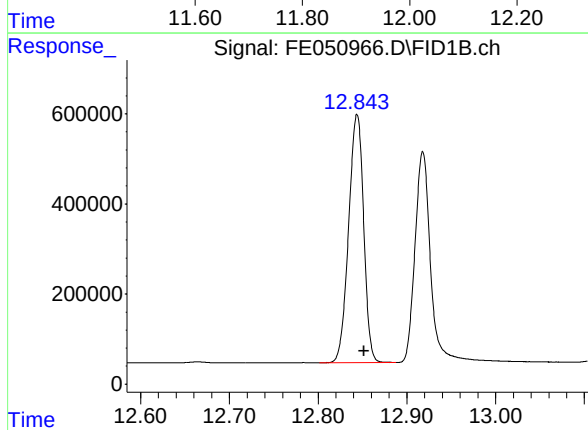
ClientSampleId :

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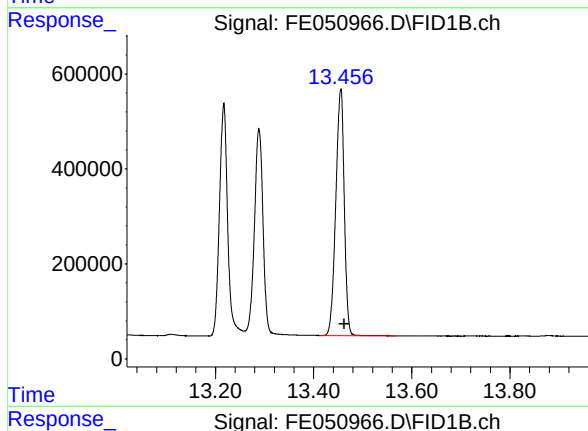
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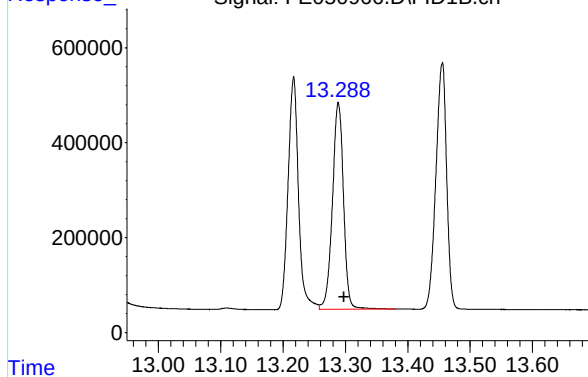
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.008 min
Response: 6479940
Conc: 45.19 ug/ml



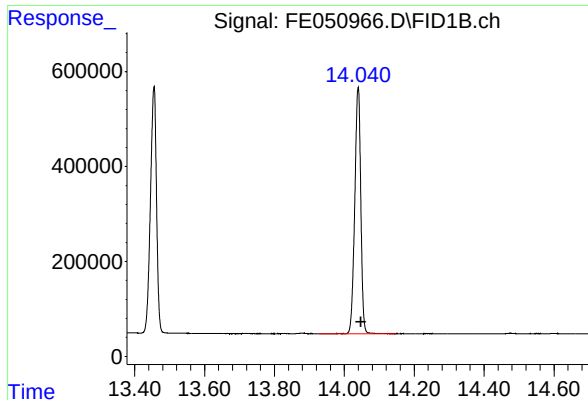
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.008 min
Response: 6229737
Conc: 44.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: -0.009 min
Response: 5363050
Conc: 45.34 ug/ml



#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.009 min
Response: 6202768
Conc: 44.21 ug/ml

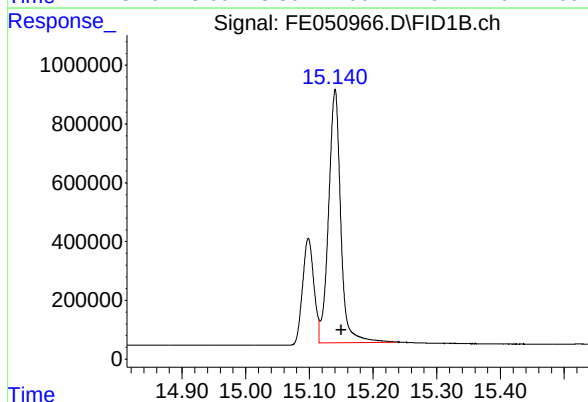
Instrument :

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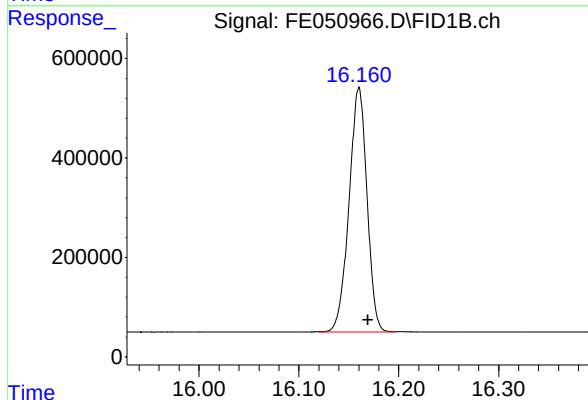
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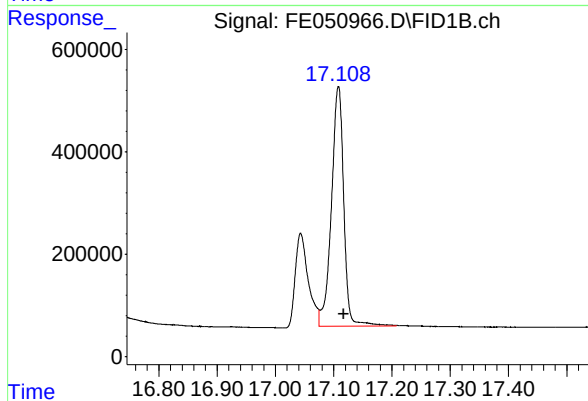
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.010 min
Response: 11485574
Conc: 81.30 ug/ml m



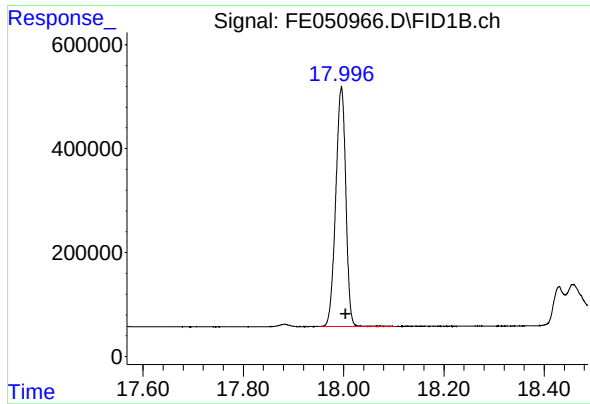
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.009 min
Response: 6142892
Conc: 43.65 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.010 min
Response: 6881626
Conc: 47.03 ug/ml m



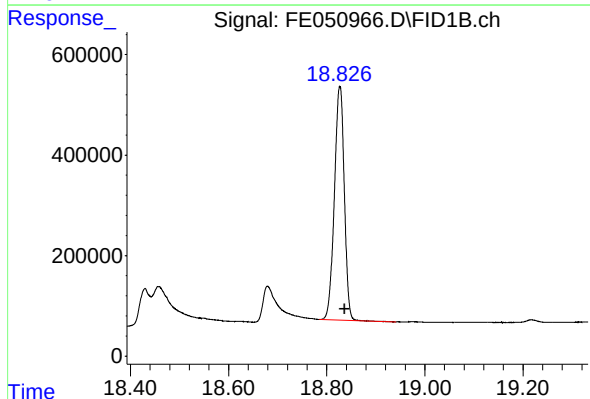
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.009 min
Response: 6414885
Conc: 40.34 ug/ml

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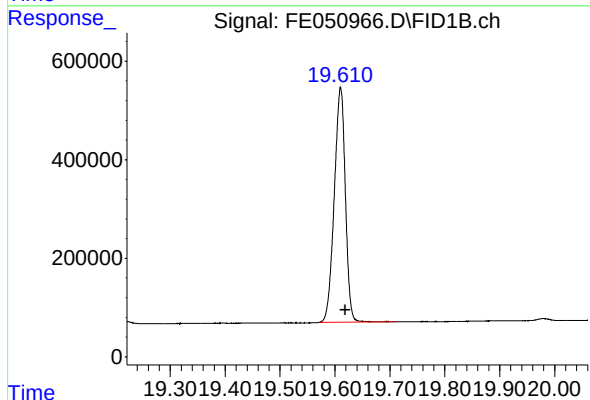
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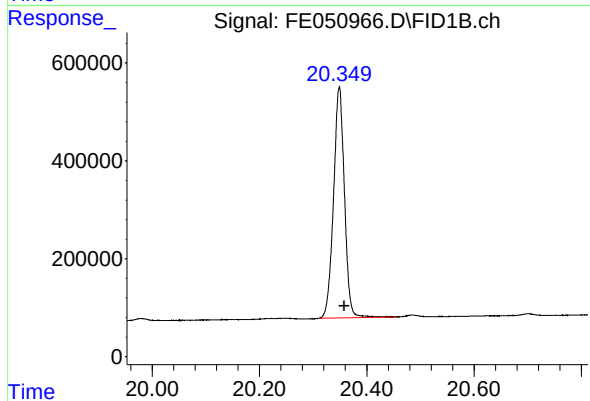
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.010 min
Response: 6513615
Conc: 40.18 ug/ml



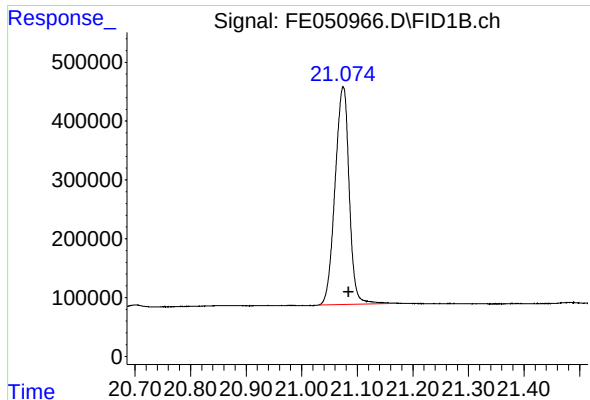
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.009 min
Response: 6691817
Conc: 45.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.010 min
Response: 6665983
Conc: 52.57 ug/ml



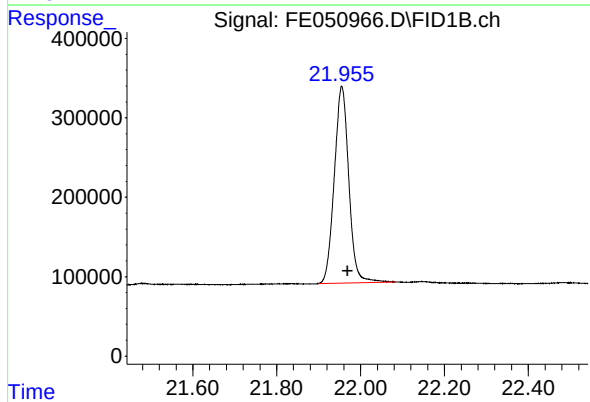
#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.011 min
Response: 6524625
Conc: 52.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.014 min
Response: 5934705
Conc: 53.30 ug/ml