

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052024AL\
 Data File : FE048282.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2024 15:02
 Operator : YP\AJ
 Sample : PB160995BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160995BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/21/2024
 Supervised By :Ankita Jodhani 05/21/2024

Integration File: autoint1.e
 Quant Time: May 21 01:23:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.961	5996136	41.563 ug/ml
Spiked Amount 50.000		Recovery =	83.13%
12) S 1-chlorooctadecane (S...	13.394	5033562	45.047 ug/ml
Spiked Amount 50.000		Recovery =	90.09%
Target Compounds			
1) T n-Nonane (C9)	3.354	5044393	39.140 ug/ml
2) T n-Decane (C10)	4.599	5247823	39.861 ug/ml
3) T A~Naphthalene (C11.7)	6.302	5656268	40.963 ug/ml
4) T n-Dodecane (C12)	6.761	5114523	38.365 ug/ml
5) T A~2-methylnaphthalene...	7.398	5668035	42.593 ug/ml
6) T n-Tetradecane (C14)	8.590	5455876	41.170 ug/ml
7) T n-Hexadecane (C16)	10.196	5816360	42.291 ug/ml
8) T n-Octadecane (C18)	11.640	5855975	42.040 ug/ml
10) T n-Eicosane (C20)	12.950	5851912	43.462 ug/ml
11) T n-Heneicosane (C21)	13.560	5654628	42.717 ug/ml
13) T n-Docosane (C22)	14.147	5616801	42.384 ug/ml
14) T n-Tetracosane (C24)	15.242	10326024	77.550 ug/ml
15) T n-Hexacosane (C26)	16.270	5615116	42.079 ug/ml
16) T n-Octacosane (C28)	17.217	5761754	43.274 ug/ml
17) T n-Tricontane (C30)	18.103	5739419	41.586 ug/ml
18) T n-Dotriacontane (C32)	18.934	5865396	42.464 ug/ml
19) T n-Tetratriacontane (C34)	19.719	5923886	43.487 ug/mlm
20) T n-Hexatriacontane (C36)	20.457	5923148	43.746 ug/mlm
21) T n-Octatriacontane (C38)	21.198	6224395	45.082 ug/ml
22) T n-Tetracontane (C40)	22.119	6117950	43.912 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB160995BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

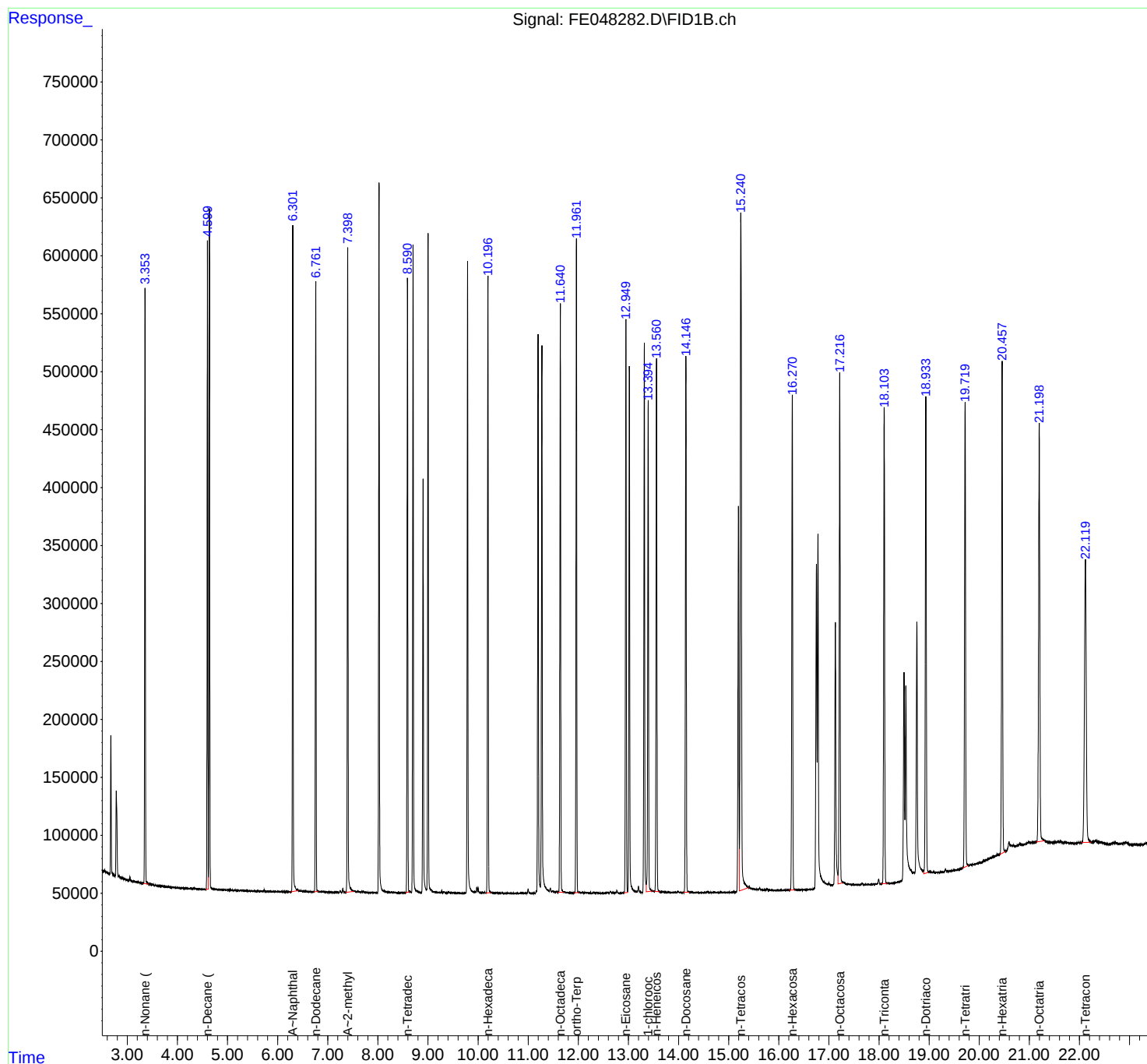
Instrument :
FID_E
ClientSampleId :
PB160995BSD

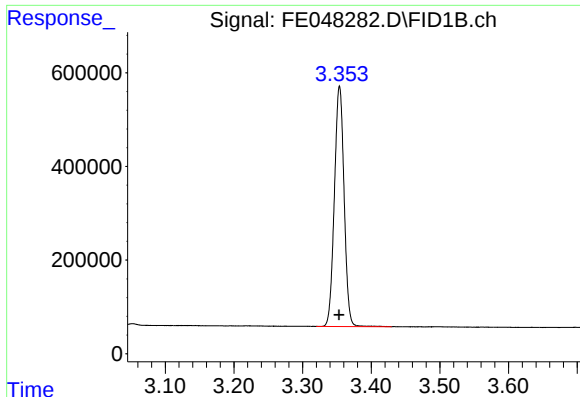
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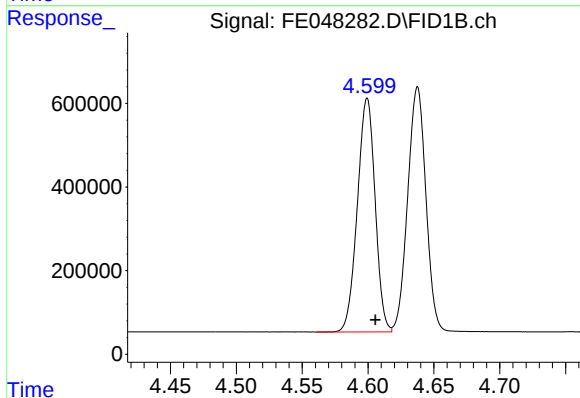
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: 0.000 min
Response: 5044393
Conc: 39.14 ug/ml

Instrument :
FID_E
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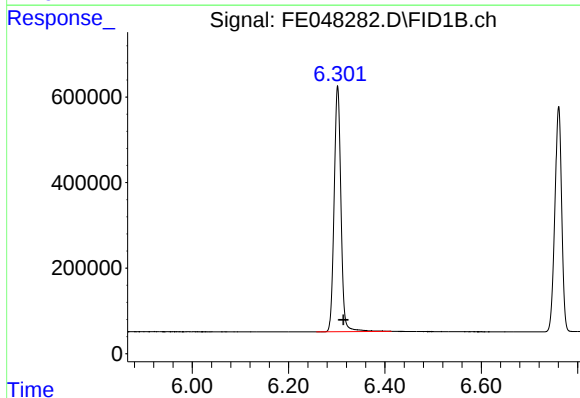
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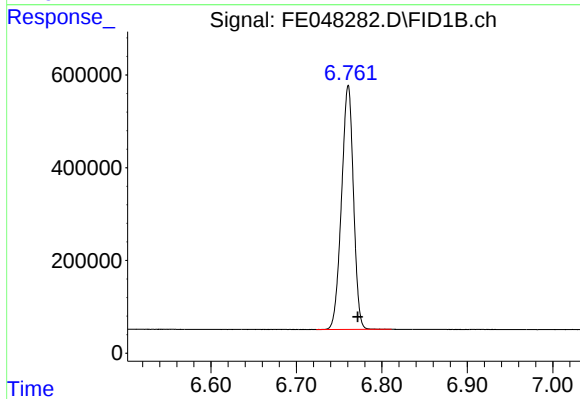
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: -0.006 min
Response: 5247823
Conc: 39.86 ug/ml



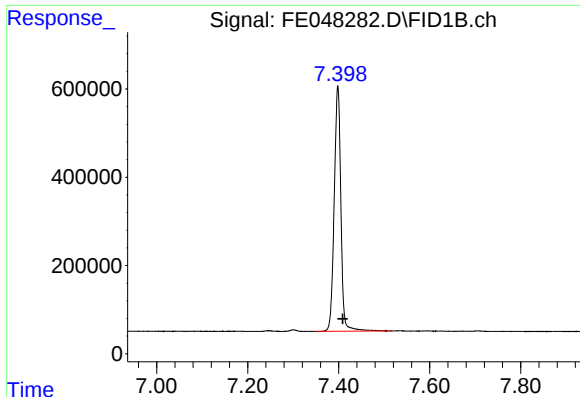
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.012 min
Response: 5656268
Conc: 40.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.761 min
Delta R.T.: -0.011 min
Response: 5114523
Conc: 38.37 ug/ml



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

R.T.: 7.398 min
Delta R.T.: -0.011 min
Response: 5668035
Conc: 42.59 ug/ml

Instrument :

FID_E

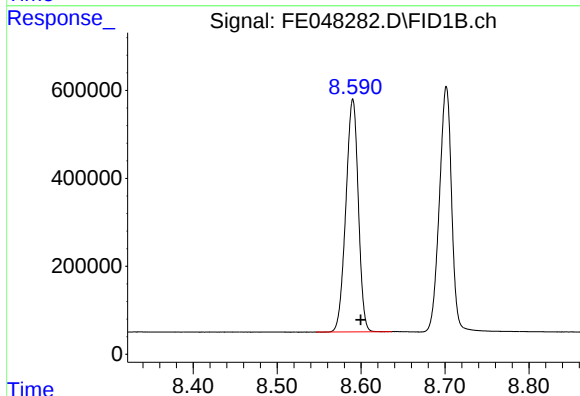
ClientSampleId :

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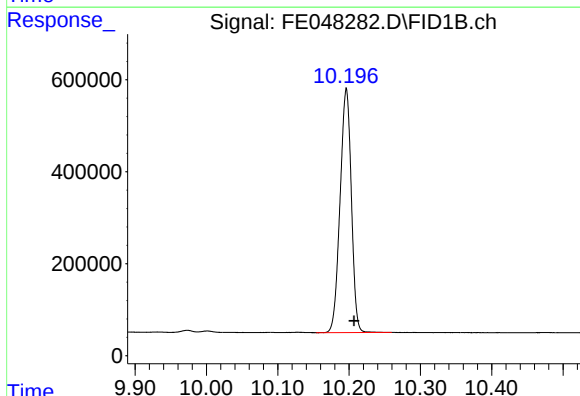
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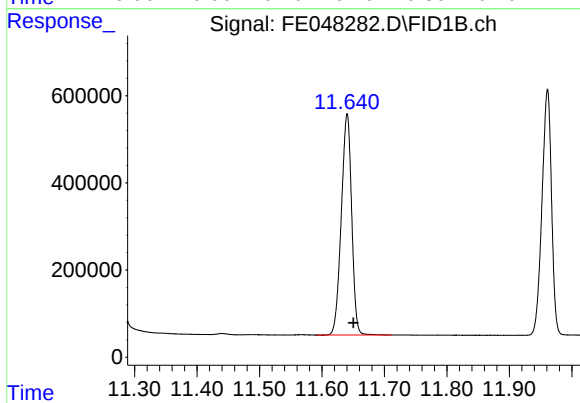
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.009 min
Response: 5455876
Conc: 41.17 ug/ml



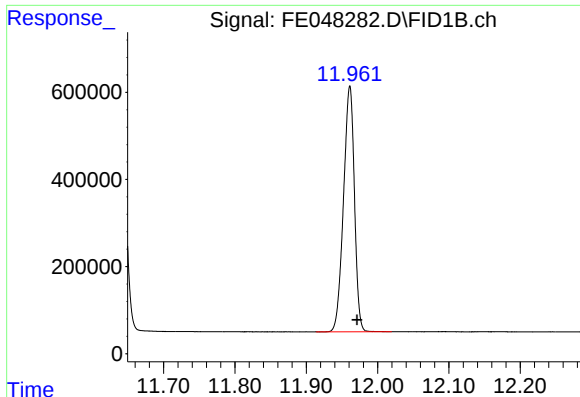
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.011 min
Response: 5816360
Conc: 42.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.640 min
Delta R.T.: -0.010 min
Response: 5855975
Conc: 42.04 ug/ml



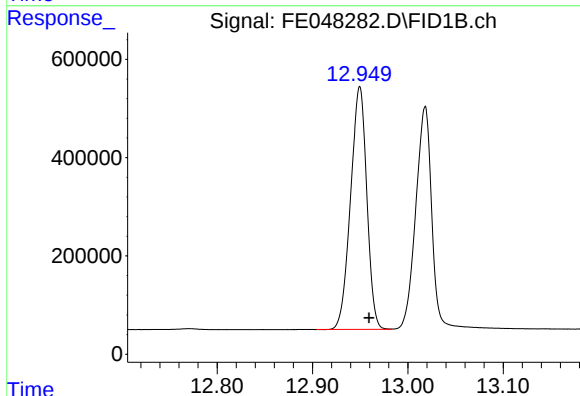
#9 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: -0.010 min
Response: 5996136
Conc: 41.56 ug/ml

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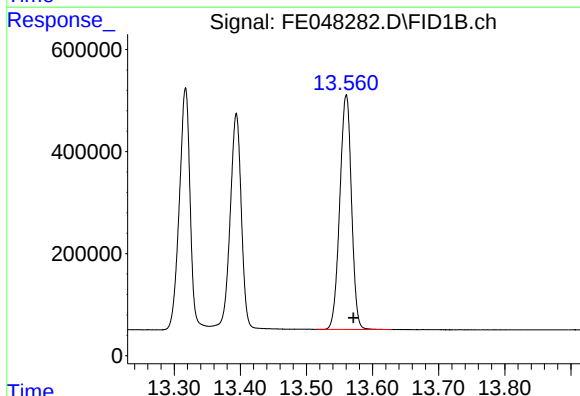
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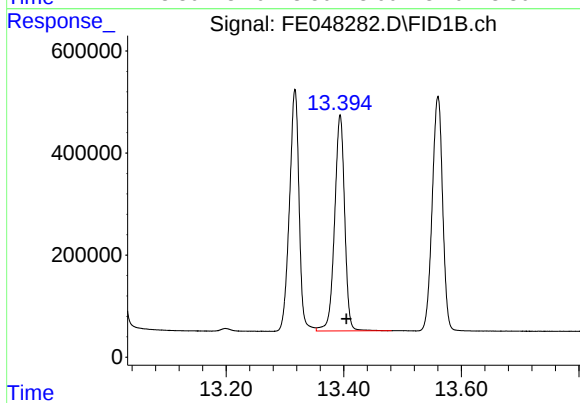
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.010 min
Response: 5851912
Conc: 43.46 ug/ml



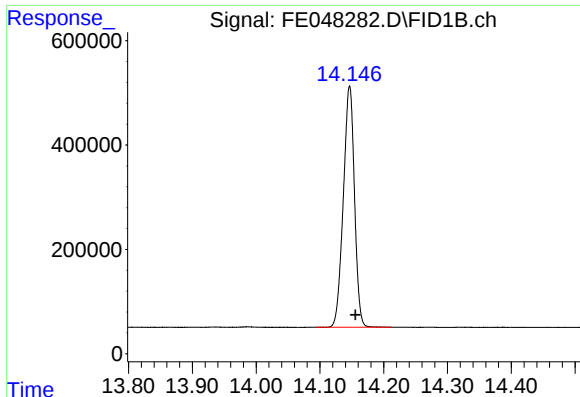
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.011 min
Response: 5654628
Conc: 42.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: -0.011 min
Response: 5033562
Conc: 45.05 ug/ml



#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.009 min
Response: 5616801
Conc: 42.38 ug/ml

Instrument :

FID_E

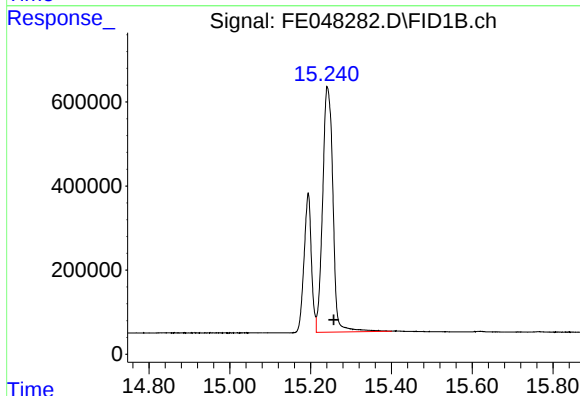
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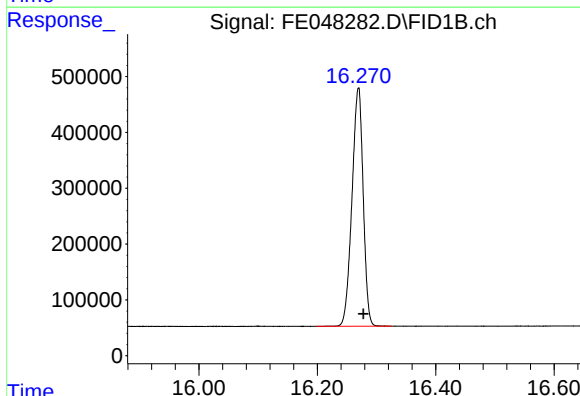
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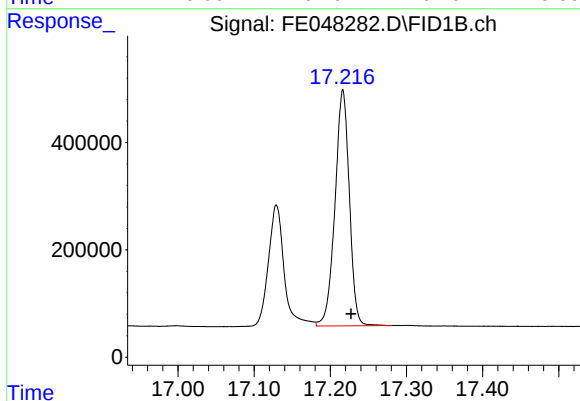
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.016 min
Response: 10326024
Conc: 77.55 ug/ml



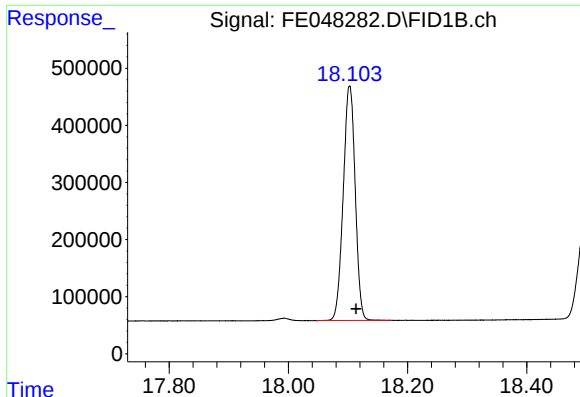
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.008 min
Response: 5615116
Conc: 42.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.011 min
Response: 5761754
Conc: 43.27 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: -0.011 min
Response: 5739419
Conc: 41.59 ug/ml

Instrument :

FID_E

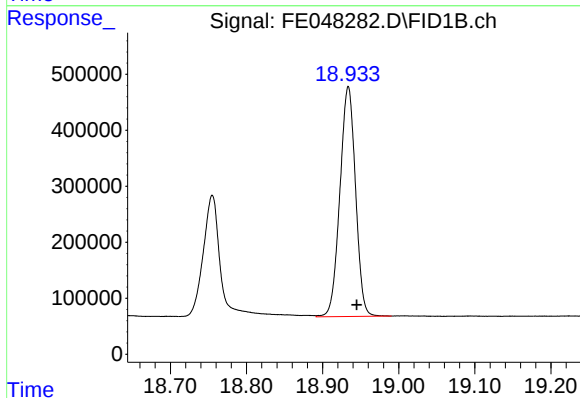
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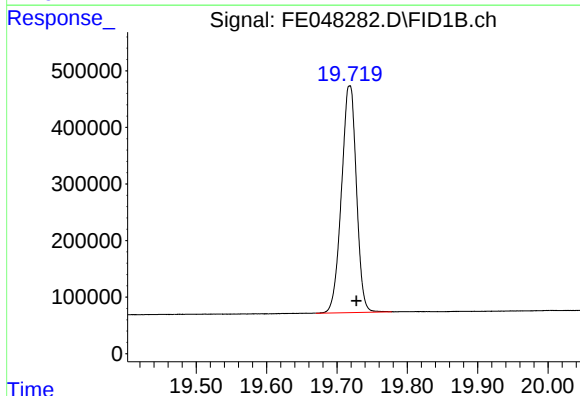
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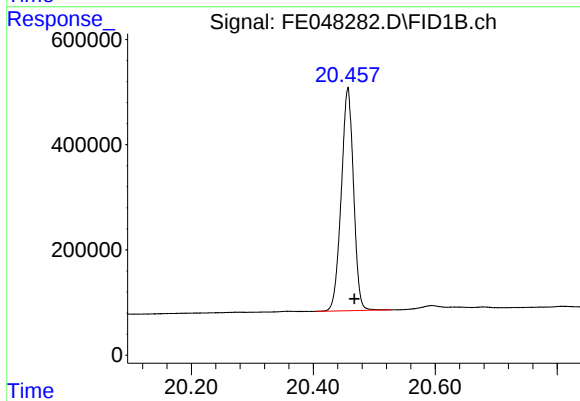
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.011 min
Response: 5865396
Conc: 42.46 ug/ml



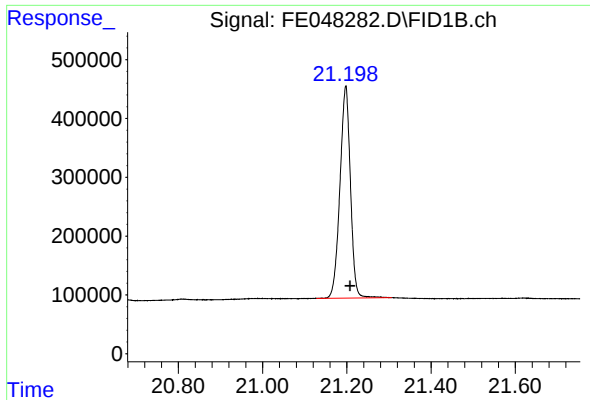
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.009 min
Response: 5923886
Conc: 43.49 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: -0.010 min
Response: 5923148
Conc: 43.75 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.010 min
Response: 6224395
Conc: 45.08 ug/ml

Instrument :

FID_E

ClientSampleId :

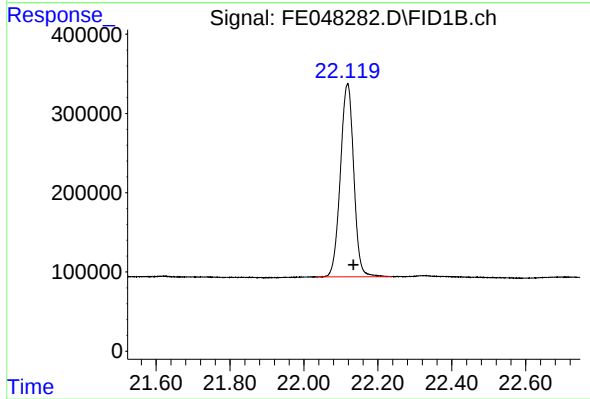
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#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: -0.016 min
Response: 6117950
Conc: 43.91 ug/ml