

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050824AL\
 Data File : FE048037.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2024 19:45
 Operator : YP\AJ
 Sample : P2408-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ETGI-285MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2024
 Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e
 Quant Time: May 09 01:25:15 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)	11.973	5785799	40.105 ug/ml
Spiked Amount 50.000		Recovery =	80.21%
12) S 1-chlorooctadecane (S...	13.405	4858330	43.478 ug/mlm
Spiked Amount 50.000		Recovery =	86.96%
Target Compounds			
1) T n-Nonane (C9)	3.349	4493472	34.866 ug/mlm
2) T n-Decane (C10)	4.603	5215698	39.617 ug/ml
3) T A~Naphthalene (C11.7)	6.311	5690706	41.212 ug/ml
4) T n-Dodecane (C12)	6.769	5866344	44.005 ug/ml
5) T A~2-methylnaphthalene...	7.407	5993813	45.041 ug/ml
6) T n-Tetradecane (C14)	8.600	6476590	48.872 ug/ml
7) T n-Hexadecane (C16)	10.207	6871573	49.963 ug/ml
8) T n-Octadecane (C18)	11.651	7156657	51.377 ug/ml
10) T n-Eicosane (C20)	12.962	7237669	53.754 ug/ml
11) T n-Heneicosane (C21)	13.573	7022601	53.051 ug/ml
13) T n-Docosane (C22)	14.159	7002753	52.843 ug/ml
14) T n-Tetracosane (C24)	15.257	12069760	90.646 ug/ml
15) T n-Hexacosane (C26)	16.284	6876500	51.531 ug/ml
16) T n-Octacosane (C28)	17.233	7095229	53.289 ug/ml
17) T n-Tricontane (C30)	18.122	7051429	51.092 ug/ml
18) T n-Dotriacontane (C32)	18.952	7070328	51.188 ug/ml
19) T n-Tetratriacontane (C34)	19.737	7293870	53.544 ug/ml
20) T n-Hexatriacontane (C36)	20.477	7271096	53.701 ug/ml
21) T n-Octatriacontane (C38)	21.220	7323188	53.041 ug/ml
22) T n-Tetracontane (C40)	22.149	7095552	50.929 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

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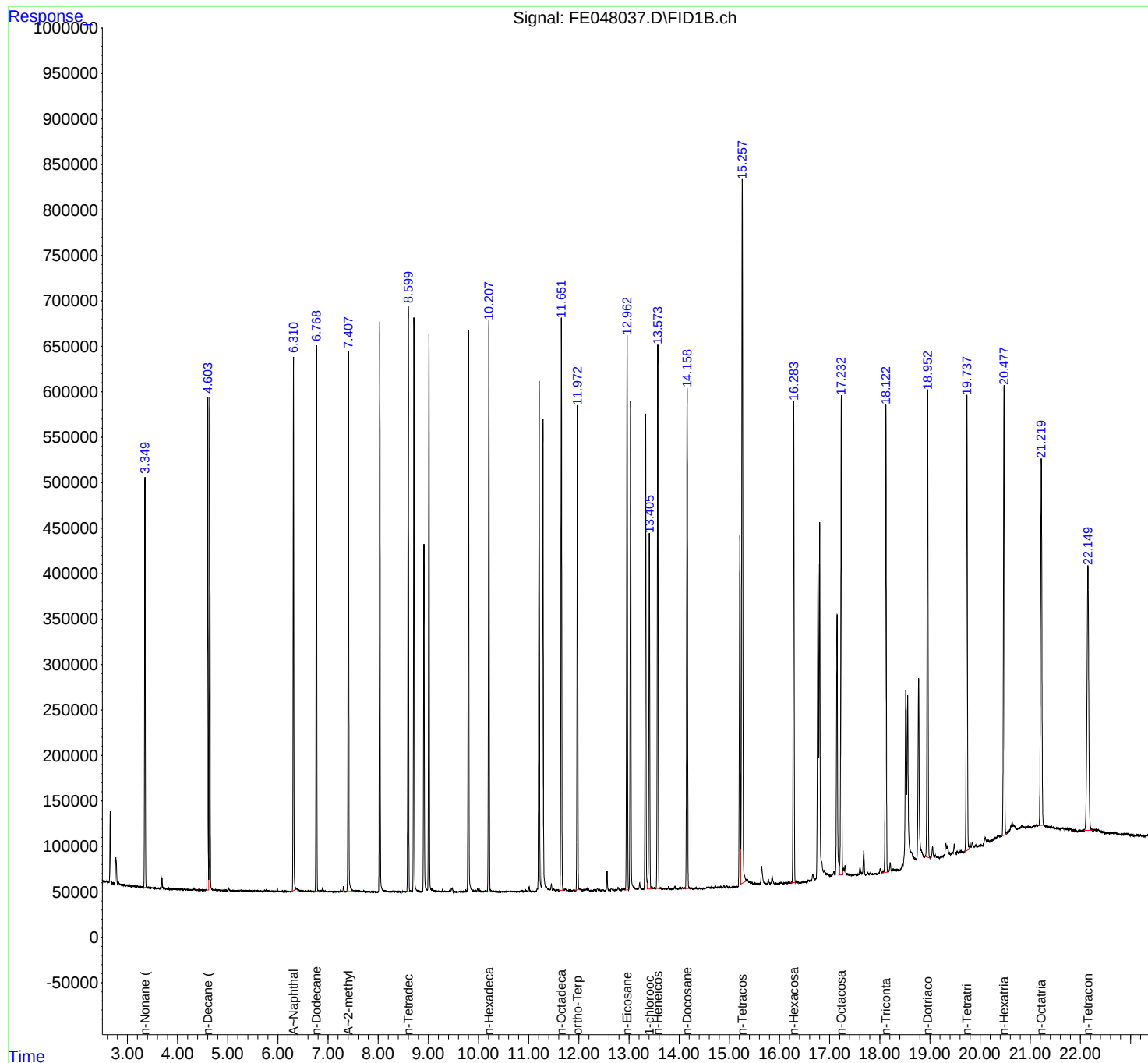
Response via : Initial Calibration

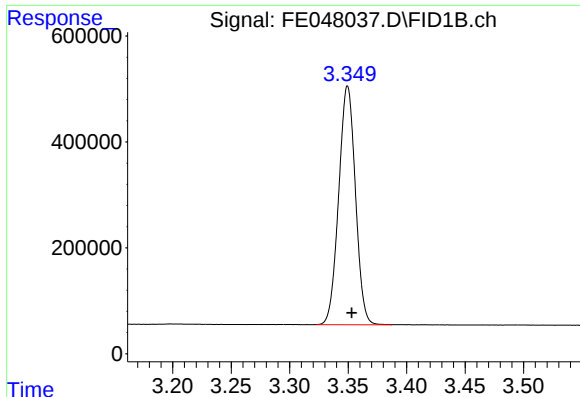
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.004 min
Response: 4493472
Conc: 34.87 ug/ml

Instrument :

FID_E

ClientSampleId :

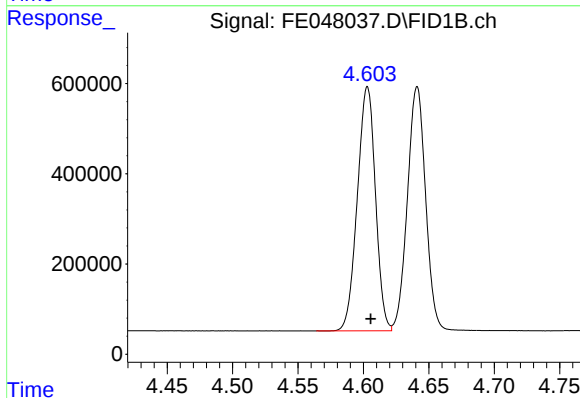
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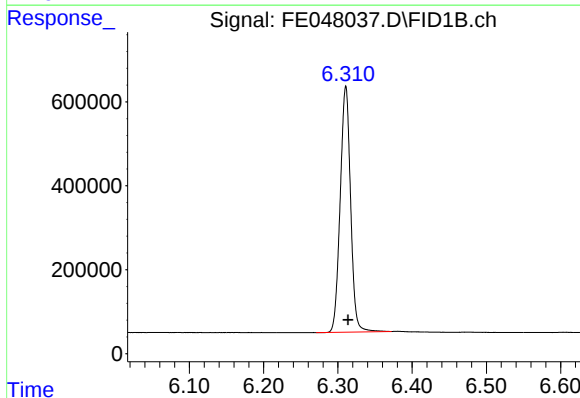
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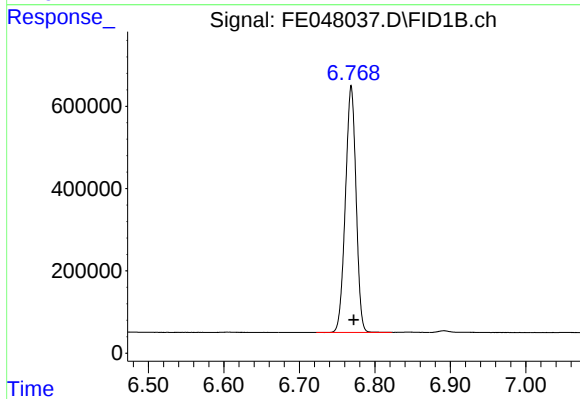
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.002 min
Response: 5215698
Conc: 39.62 ug/ml



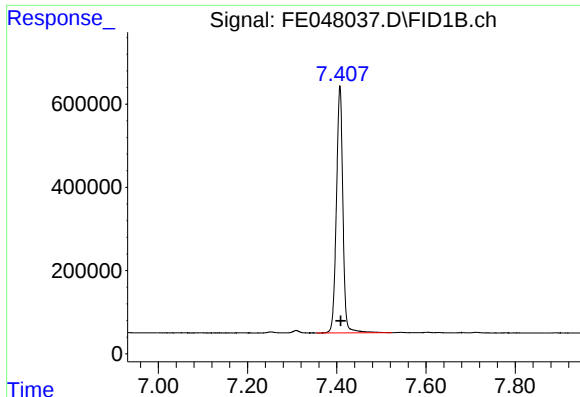
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.003 min
Response: 5690706
Conc: 41.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 5866344
Conc: 44.00 ug/ml



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

R.T.: 7.407 min
Delta R.T.: -0.002 min
Response: 5993813
Conc: 45.04 ug/ml

Instrument :

FID_E

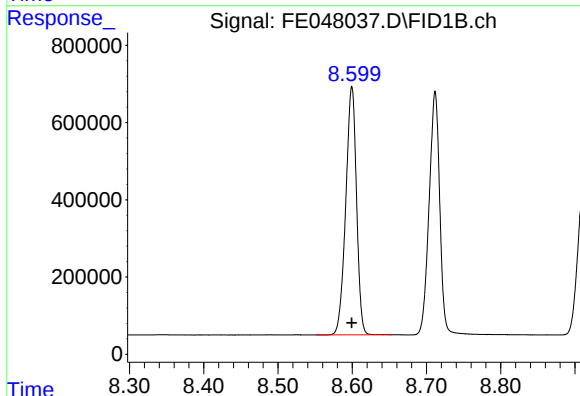
ClientSampleId :

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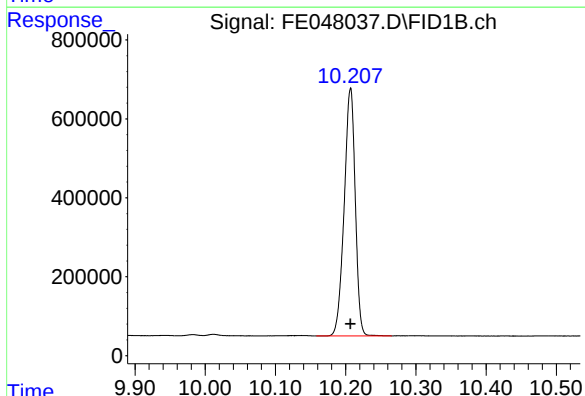
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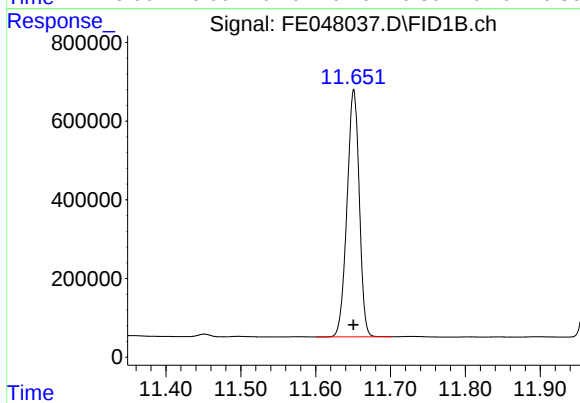
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: 0.000 min
Response: 6476590
Conc: 48.87 ug/ml



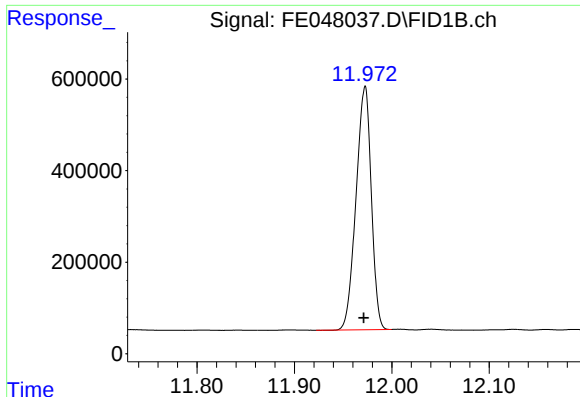
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.000 min
Response: 6871573
Conc: 49.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 7156657
Conc: 51.38 ug/ml



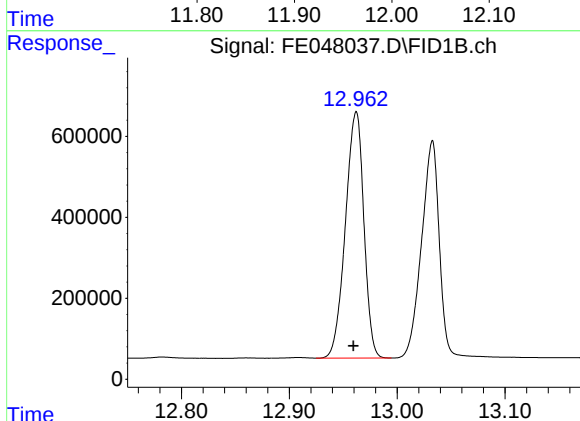
#9 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: 0.002 min
Response: 5785799
Conc: 40.11 ug/ml

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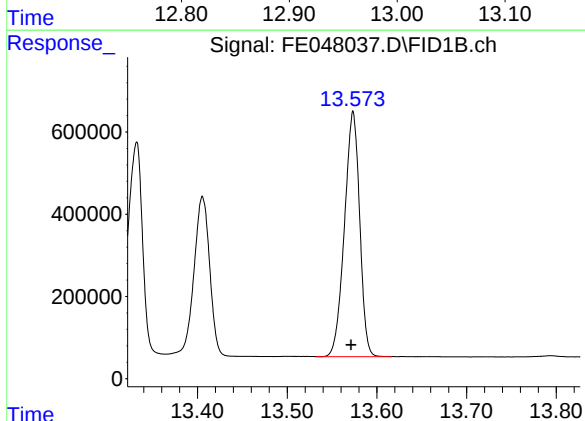
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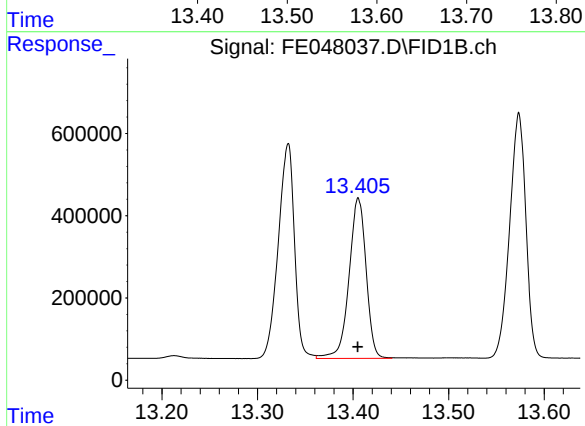
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: 0.003 min
Response: 7237669
Conc: 53.75 ug/ml



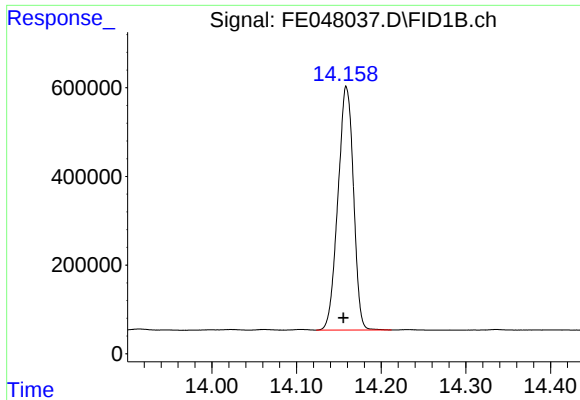
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.002 min
Response: 7022601
Conc: 53.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.405 min
Delta R.T.: 0.000 min
Response: 4858330
Conc: 43.48 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: 0.003 min
Response: 7002753
Conc: 52.84 ug/ml

Instrument :

FID_E

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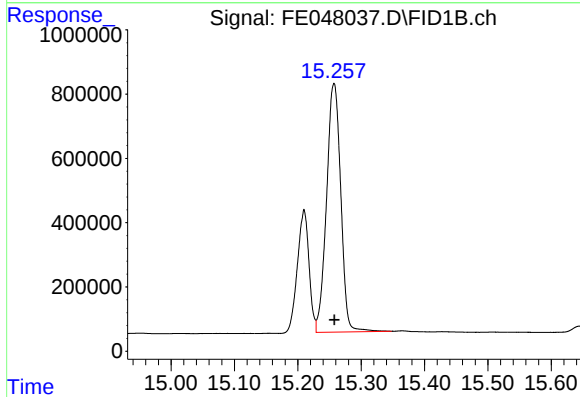
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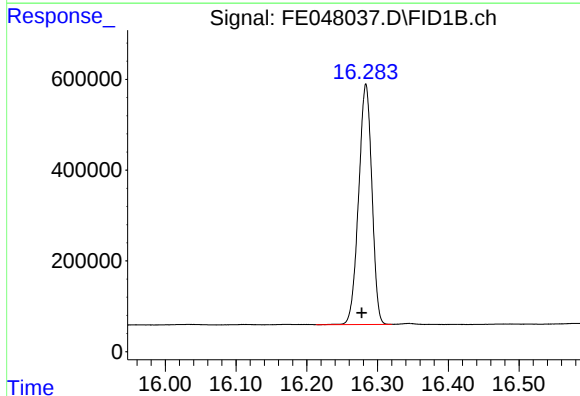
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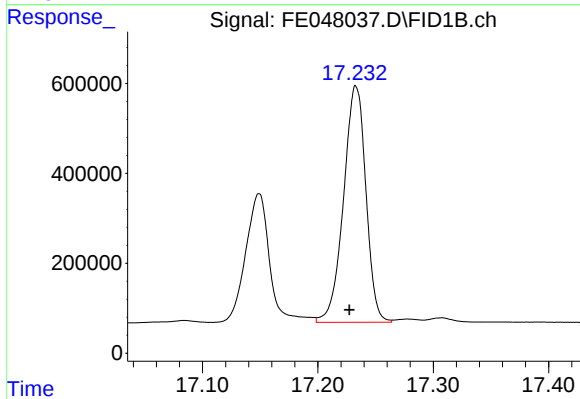
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: 0.000 min
Response: 12069760
Conc: 90.65 ug/ml



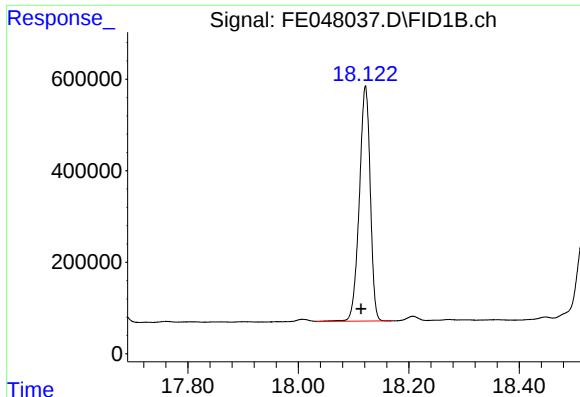
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.006 min
Response: 6876500
Conc: 51.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.006 min
Response: 7095229
Conc: 53.29 ug/ml



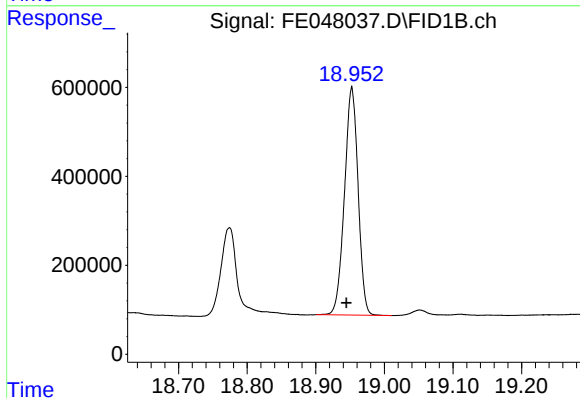
#17 n-Tricontane (C30)

R.T.: 18.122 min
Delta R.T.: 0.008 min
Response: 7051429
Conc: 51.09 ug/ml

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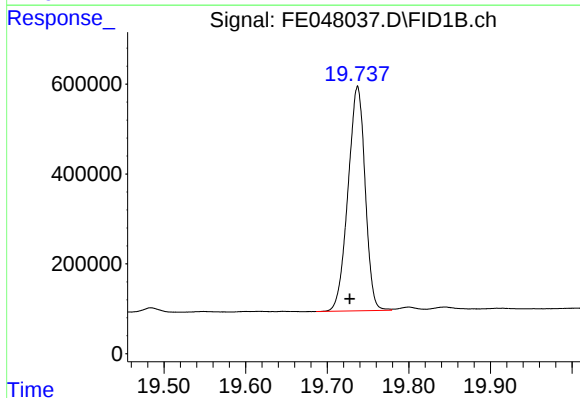
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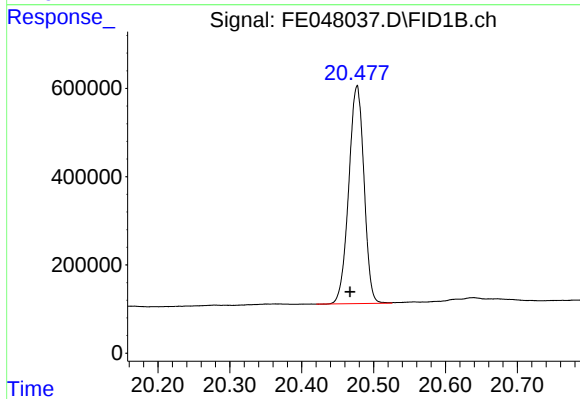
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.008 min
Response: 7070328
Conc: 51.19 ug/ml



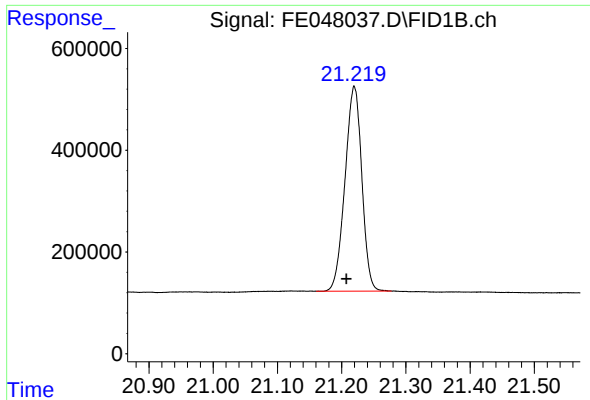
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.010 min
Response: 7293870
Conc: 53.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: 0.010 min
Response: 7271096
Conc: 53.70 ug/ml



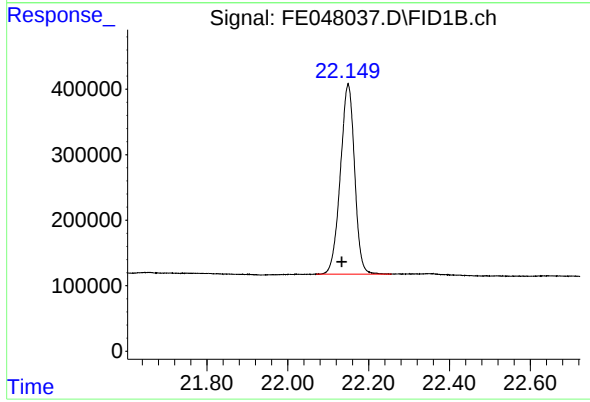
#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.012 min
Response: 7323188
Conc: 53.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: 0.015 min
Response: 7095552
Conc: 50.93 ug/ml