

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010625AL\
 Data File : FE051846.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jan 2025 15:43
 Operator : YP\AJ
 Sample : Q1009-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-03-1-03-2025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File: autoint1.e
 Quant Time: Jan 07 00:29:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 2025
 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)	12.123	4162990	28.720 ug/ml
Spiked Amount 50.000		Recovery =	57.44%
12) S 1-chlorooctadecane (S...	13.552	3535601	30.768 ug/ml
Spiked Amount 50.000		Recovery =	61.54%
Target Compounds			
1) T n-Nonane (C9)	3.534	3216024	29.117 ug/ml
2) T n-Decane (C10)	4.776	3736985	32.840 ug/ml
3) T A~Naphthalene (C11.7)	6.478	4870167	38.186 ug/ml
4) T n-Dodecane (C12)	6.927	4626428	39.396 ug/ml
5) T A~2-methylnaphthalene...	7.569	5125315	40.951 ug/ml
6) T n-Tetradecane (C14)	8.752	5871621	48.972 ug/ml
7) T n-Hexadecane (C16)	10.356	6662395	52.062 ug/ml
8) T n-Octadecane (C18)	11.798	6791809	51.041 ug/ml
10) T n-Eicosane (C20)	13.108	6805817	51.725 ug/ml
11) T n-Heneicosane (C21)	13.719	6336037	48.211 ug/ml
13) T n-Docosane (C22)	14.304	6073564	46.296 ug/mlm
14) T n-Tetracosane (C24)	15.406	11533104	87.070 ug/ml
15) T n-Hexacosane (C26)	16.430	5556319	42.346 ug/ml
16) T n-Octacosane (C28)	17.379	5526885	42.806 ug/ml
17) T n-Tricontane (C30)	18.267	5591971	42.537 ug/ml
18) T n-Dotriacontane (C32)	19.098	5118751	40.335 ug/ml
19) T n-Tetratriacontane (C34)	19.882	4887017	43.984 ug/mlm
20) T n-Hexatriacontane (C36)	20.621	4564081	46.262 ug/mlm
21) T n-Octatriacontane (C38)	21.405	4426845	46.756 ug/mlm
22) T n-Tetracontane (C40)	22.404	3494747	37.964 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.

Quant Title : GC Extractables

QLast Update : Fri Jan 03 04:14:12 2025

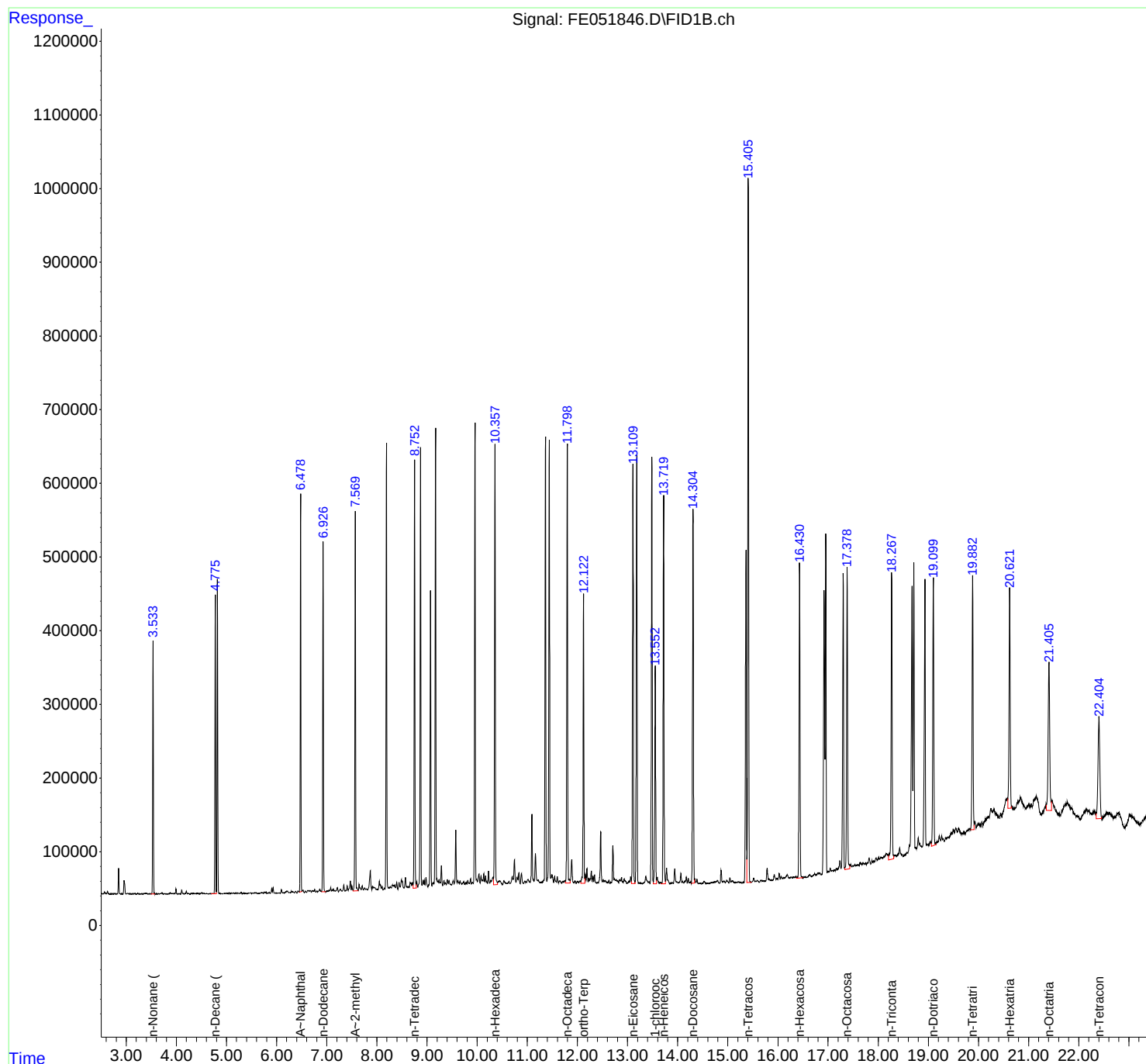
Response via : Initial Calibration

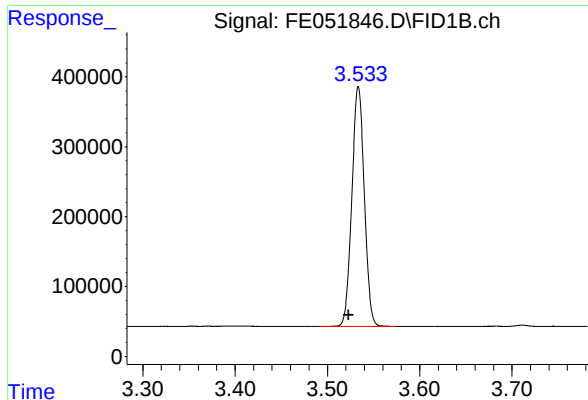
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.534 min
Delta R.T.: 0.011 min
Response: 3216024
Conc: 29.12 ug/ml

Instrument :

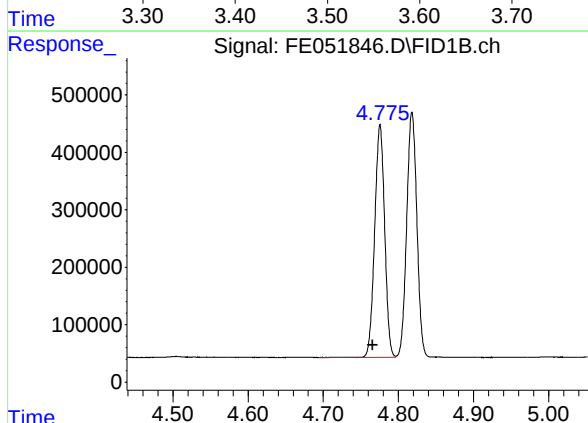
FID_E

ClientSampleId :

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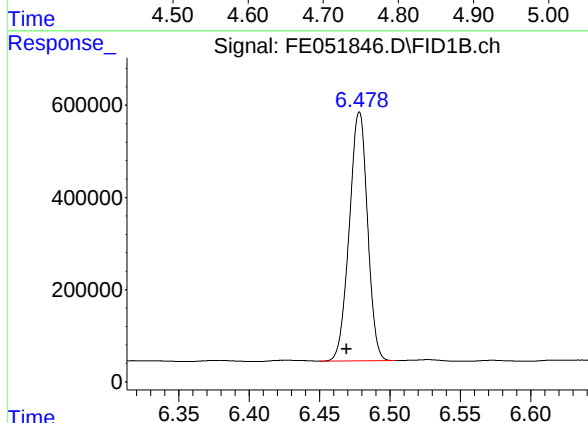
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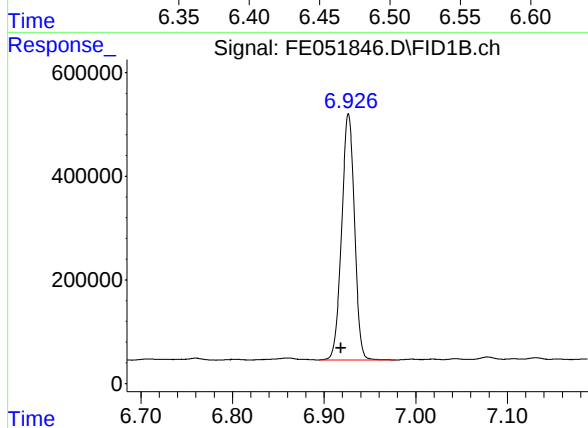
#2 n-Decane (C10)

R.T.: 4.776 min
Delta R.T.: 0.010 min
Response: 3736985
Conc: 32.84 ug/ml



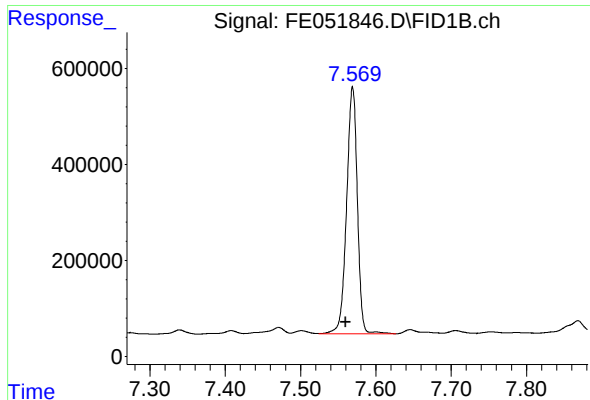
#3 A~Naphthalene (C11.7)

R.T.: 6.478 min
Delta R.T.: 0.009 min
Response: 4870167
Conc: 38.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.927 min
Delta R.T.: 0.008 min
Response: 4626428
Conc: 39.40 ug/ml



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

R.T.: 7.569 min
Delta R.T.: 0.009 min
Response: 5125315
Conc: 40.95 ug/ml

Instrument :

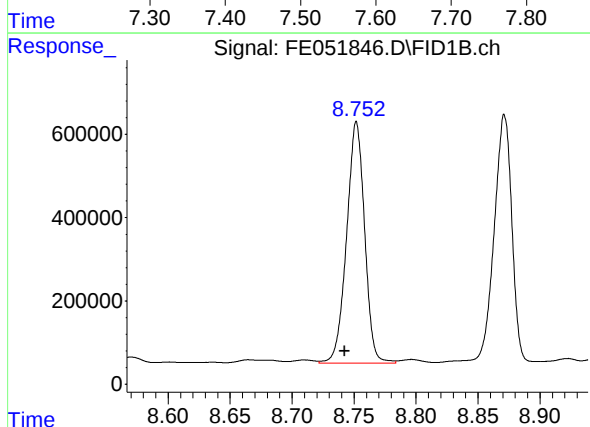
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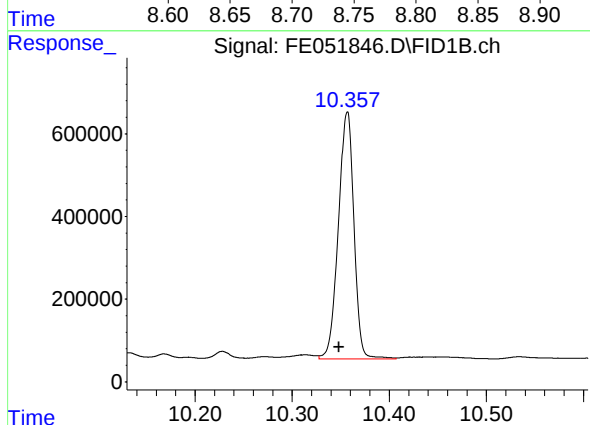
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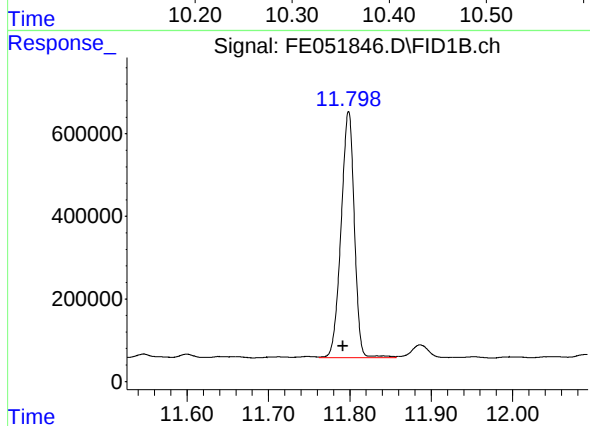
#6 n-Tetradecane (C14)

R.T.: 8.752 min
Delta R.T.: 0.010 min
Response: 5871621
Conc: 48.97 ug/ml



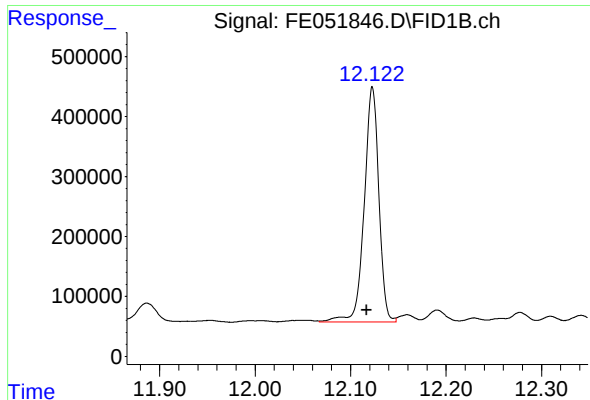
#7 n-Hexadecane (C16)

R.T.: 10.356 min
Delta R.T.: 0.008 min
Response: 6662395
Conc: 52.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.798 min
Delta R.T.: 0.007 min
Response: 6791809
Conc: 51.04 ug/ml



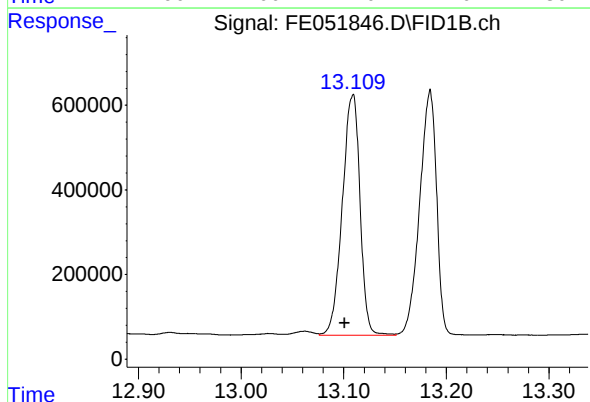
#9 ortho-Terphenyl (SURR)

R.T.: 12.123 min
Delta R.T.: 0.006 min
Response: 4162990
Conc: 28.72 ug/ml

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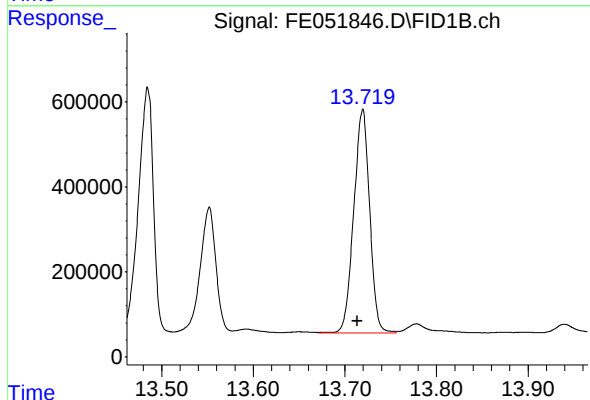
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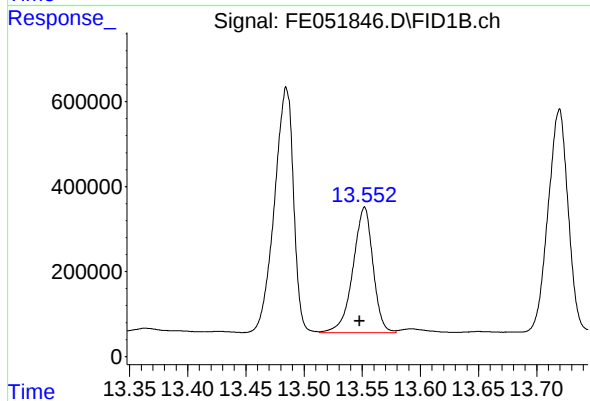
#10 n-Eicosane (C20)

R.T.: 13.108 min
Delta R.T.: 0.007 min
Response: 6805817
Conc: 51.72 ug/ml



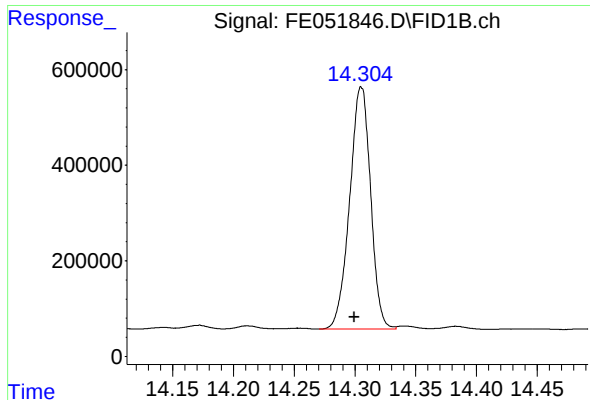
#11 n-Heneicosane (C21)

R.T.: 13.719 min
Delta R.T.: 0.006 min
Response: 6336037
Conc: 48.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.552 min
Delta R.T.: 0.004 min
Response: 3535601
Conc: 30.77 ug/ml



#13 n-Docosane (C22)

R.T.: 14.304 min
Delta R.T.: 0.005 min
Response: 6073564
Conc: 46.30 ug/ml

Instrument :

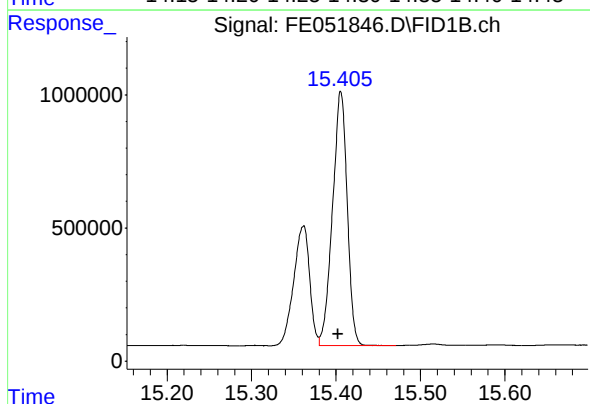
FID_E

ClientSampleId :

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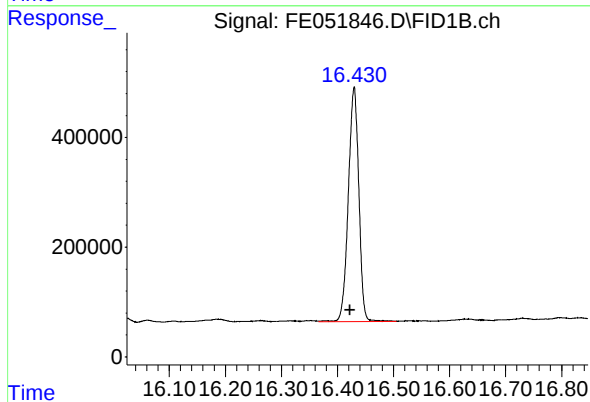
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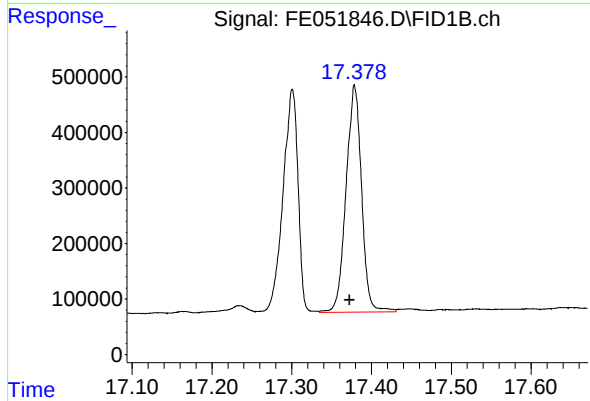
#14 n-Tetracosane (C24)

R.T.: 15.406 min
Delta R.T.: 0.003 min
Response: 11533104
Conc: 87.07 ug/ml



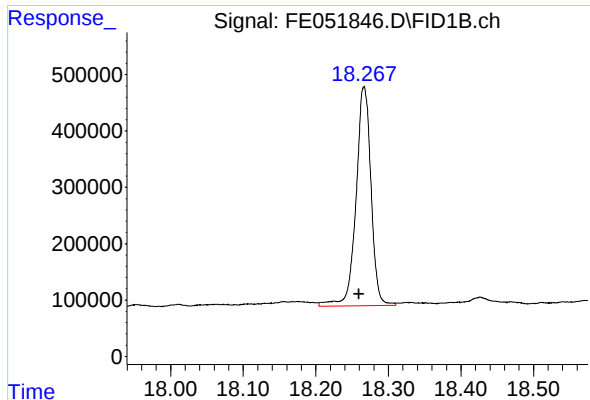
#15 n-Hexacosane (C26)

R.T.: 16.430 min
Delta R.T.: 0.007 min
Response: 5556319
Conc: 42.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.379 min
Delta R.T.: 0.006 min
Response: 5526885
Conc: 42.81 ug/ml



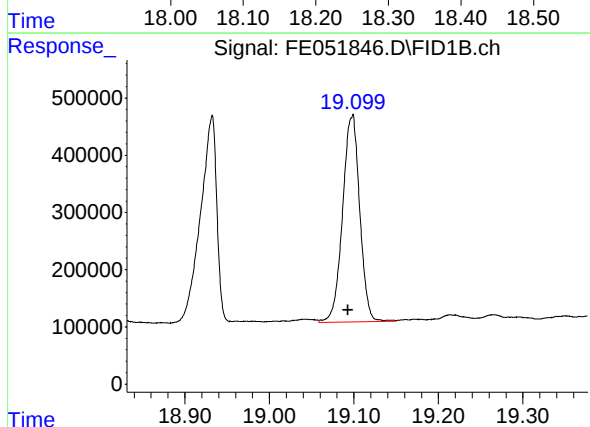
#17 n-Tricontane (C30)

R.T.: 18.267 min
Delta R.T.: 0.007 min
Response: 5591971
Conc: 42.54 ug/ml

Instrument :
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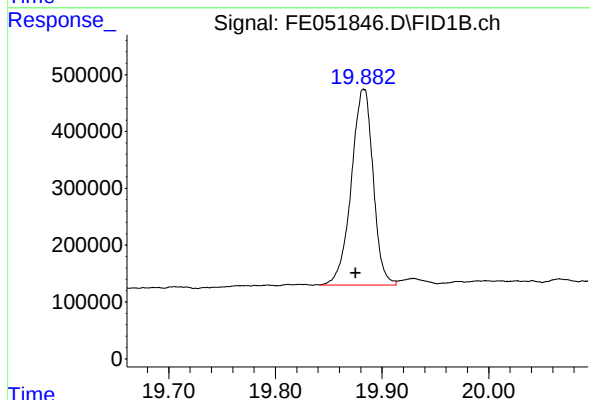
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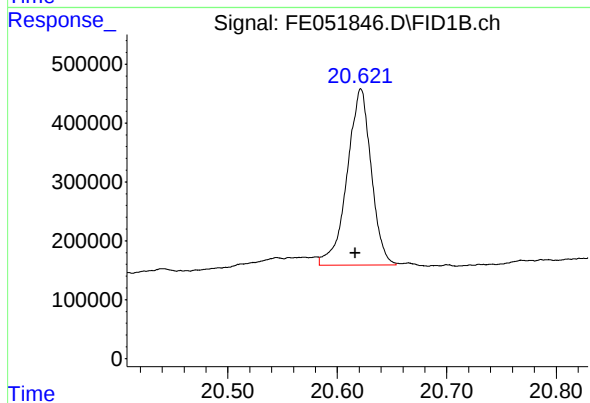
#18 n-Dotriacontane (C32)

R.T.: 19.098 min
Delta R.T.: 0.005 min
Response: 5118751
Conc: 40.33 ug/ml



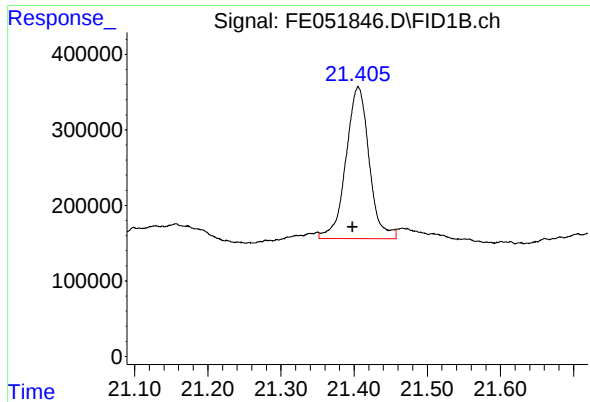
#19 n-Tetratriacontane (C34)

R.T.: 19.882 min
Delta R.T.: 0.007 min
Response: 4887017
Conc: 43.98 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.621 min
Delta R.T.: 0.005 min
Response: 4564081
Conc: 46.26 ug/ml m



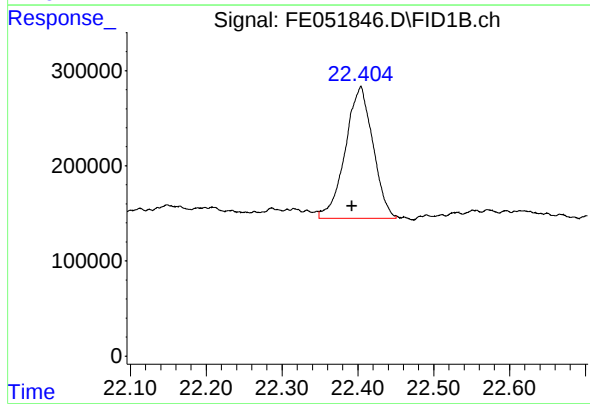
#21 n-Octatriacontane (C38)

R.T.: 21.405 min
Delta R.T.: 0.007 min
Response: 4426845
Conc: 46.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.404 min
Delta R.T.: 0.012 min
Response: 3494747
Conc: 37.96 ug/ml m