

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021025AL\
 Data File : FE052322.D
 Signal(s) : FID1B.ch
 Acq On : 10 Feb 2025 17:58
 Operator : YP\AJ
 Sample : Q1340-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

RV-SOILMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/11/2025

Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e

Quant Time: Feb 11 04:00:26 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 07 07:52:07 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)	12.312	3263704	26.369 ug/ml
Spiked Amount 50.000		Recovery =	52.74%
12) S 1-chlorooctadecane (S...	13.723	2691477	27.272 ug/ml
Spiked Amount 50.000		Recovery =	54.54%
Target Compounds			
1) T n-Nonane (C9)	3.777	2665284	28.535 ug/ml
2) T n-Decane (C10)	5.004	2999331	31.233 ug/ml
3) T A~Naphthalene (C11.7)	6.707	3643176	34.089 ug/ml
4) T n-Dodecane (C12)	7.134	3316570	33.461 ug/ml
5) T A~2-methylnaphthalene...	7.788	3536772	33.769 ug/ml
6) T n-Tetradecane (C14)	8.944	3614722	35.820 ug/ml
7) T n-Hexadecane (C16)	10.540	3789113	34.918 ug/ml
8) T n-Octadecane (C18)	11.974	3888310	34.228 ug/ml
10) T n-Eicosane (C20)	13.277	4043159	35.827 ug/ml
11) T n-Heneicosane (C21)	13.885	3857387	34.253 ug/ml
13) T n-Docosane (C22)	14.469	3850119	34.015 ug/ml
14) T n-Tetracosane (C24)	15.550	7902543	68.731 ug/ml
15) T n-Hexacosane (C26)	16.584	3708274	32.335 ug/mlm
16) T n-Octacosane (C28)	17.530	3603857	31.852 ug/ml
17) T n-Tricontane (C30)	18.415	3628132	31.840 ug/ml
18) T n-Dotriacontane (C32)	19.243	3504754	32.146 ug/ml
19) T n-Tetratriacontane (C34)	20.023	3316663	34.959 ug/mlm
20) T n-Hexatriacontane (C36)	20.761	3084161	37.326 ug/ml
21) T n-Octatriacontane (C38)	21.575	2930135	39.441 ug/ml
22) T n-Tetracontane (C40)	22.618	2894399	38.822 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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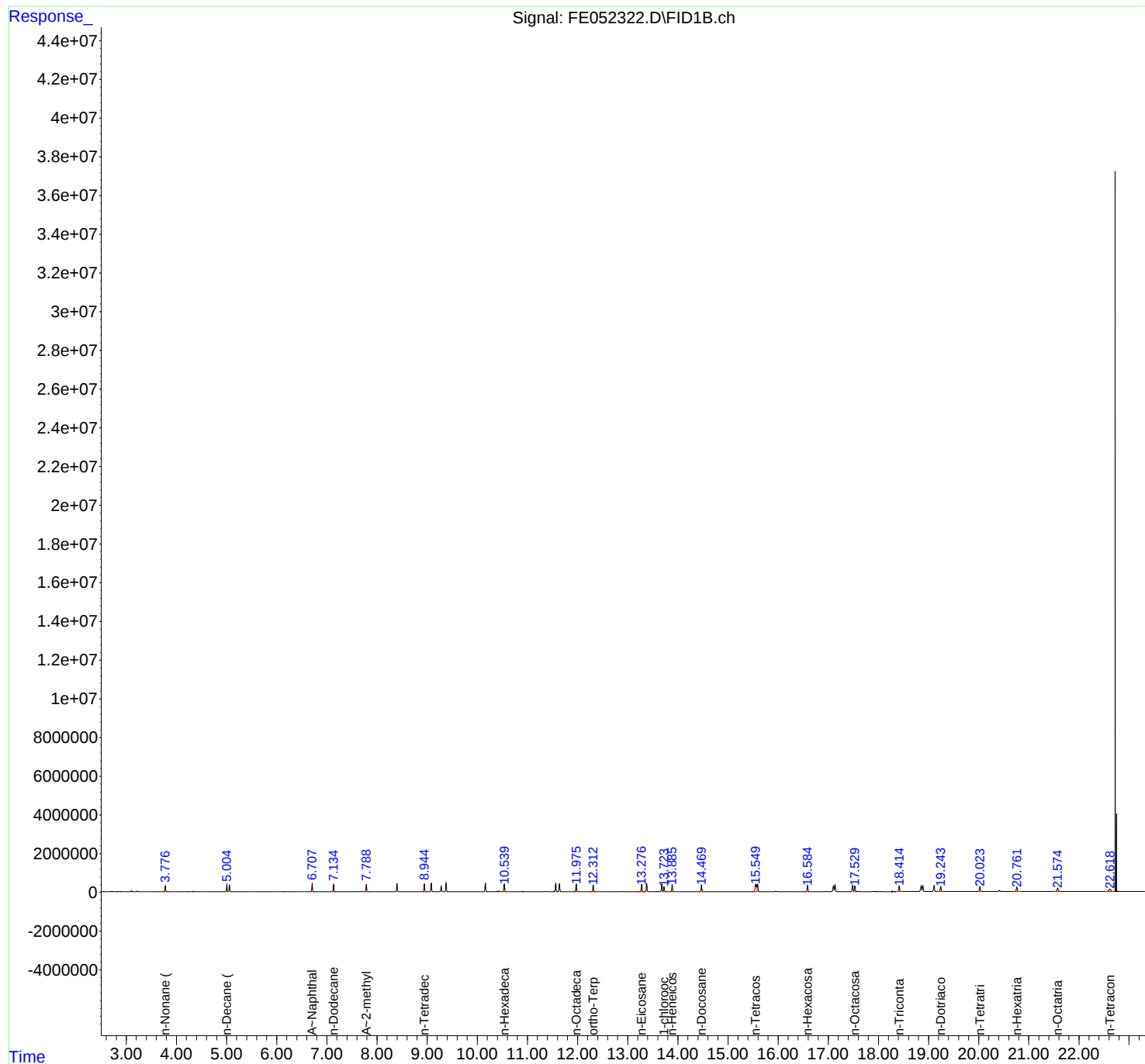
Response via : Initial Calibration

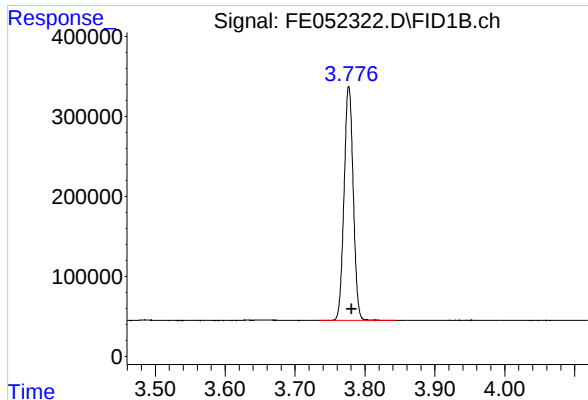
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.777 min
Delta R.T.: -0.004 min
Response: 2665284
Conc: 28.54 ug/ml

Instrument :

FID_E

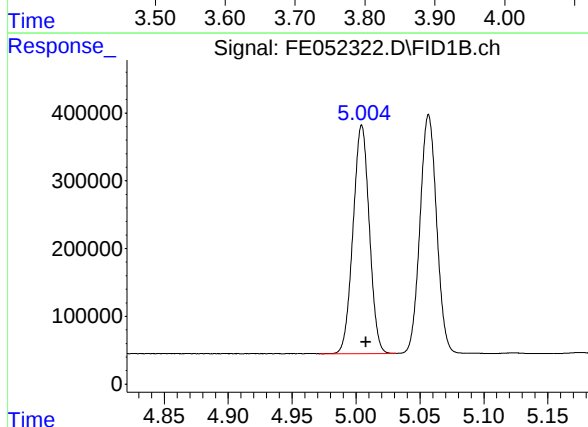
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RV-SOILMS

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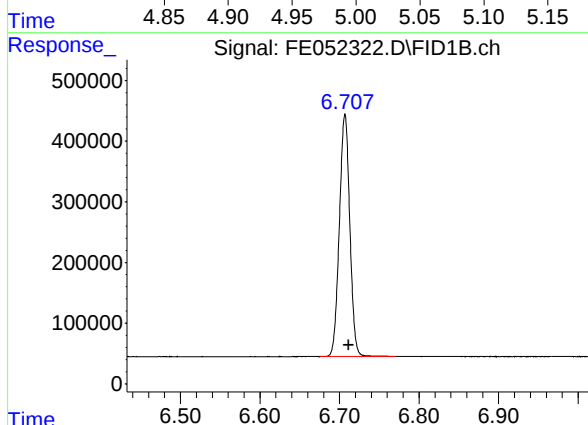
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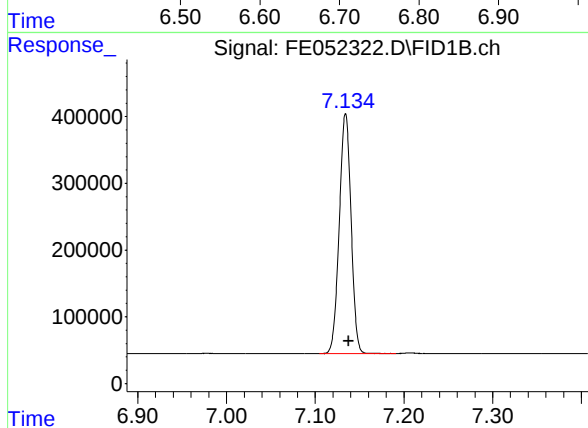
#2 n-Decane (C10)

R.T.: 5.004 min
Delta R.T.: -0.003 min
Response: 2999331
Conc: 31.23 ug/ml



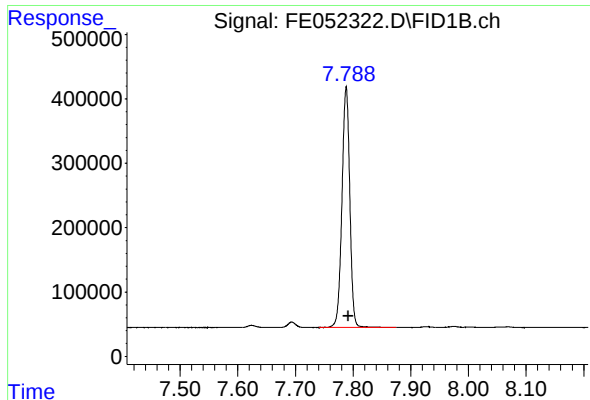
#3 A~Naphthalene (C11.7)

R.T.: 6.707 min
Delta R.T.: -0.004 min
Response: 3643176
Conc: 34.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.134 min
Delta R.T.: -0.003 min
Response: 3316570
Conc: 33.46 ug/ml



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

R.T.: 7.788 min
Delta R.T.: -0.004 min
Response: 3536772
Conc: 33.77 ug/ml

Instrument :

FID_E

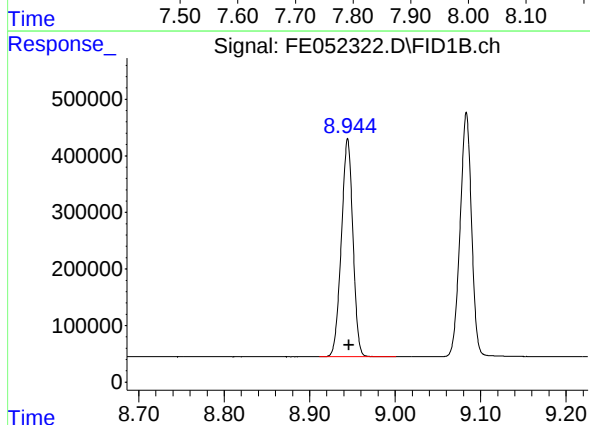
ClientSampleId :

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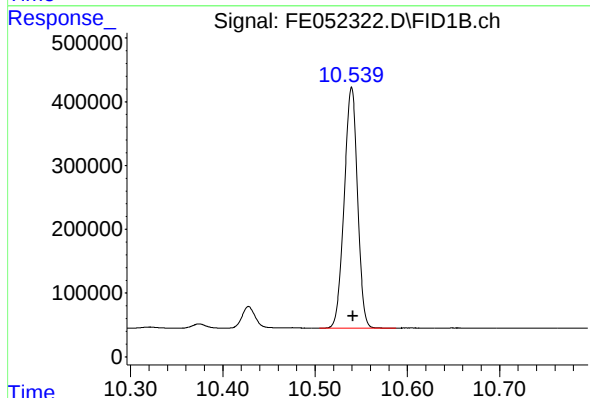
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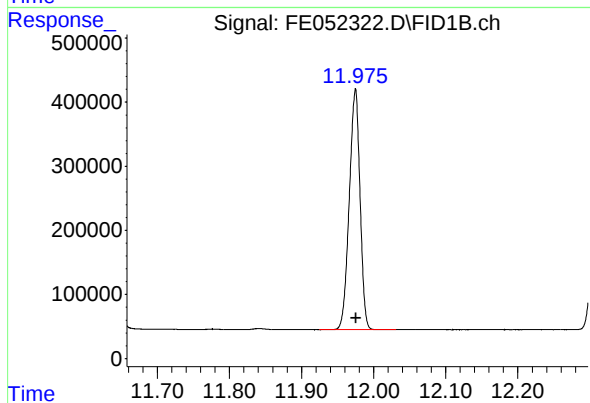
#6 n-Tetradecane (C14)

R.T.: 8.944 min
Delta R.T.: -0.001 min
Response: 3614722
Conc: 35.82 ug/ml



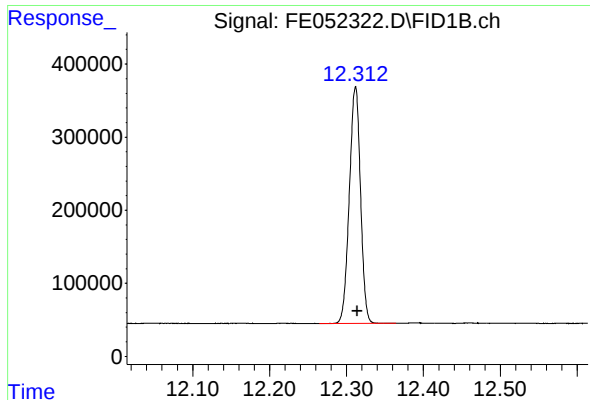
#7 n-Hexadecane (C16)

R.T.: 10.540 min
Delta R.T.: -0.002 min
Response: 3789113
Conc: 34.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.974 min
Delta R.T.: 0.000 min
Response: 3888310
Conc: 34.23 ug/ml



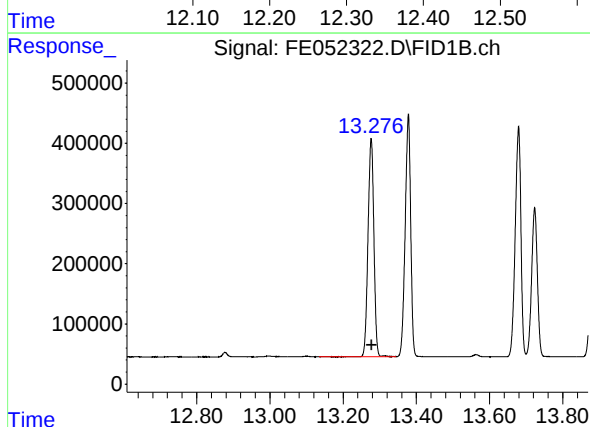
#9 ortho-Terphenyl (SURR)

R.T.: 12.312 min
Delta R.T.: -0.003 min
Response: 3263704
Conc: 26.37 ug/ml

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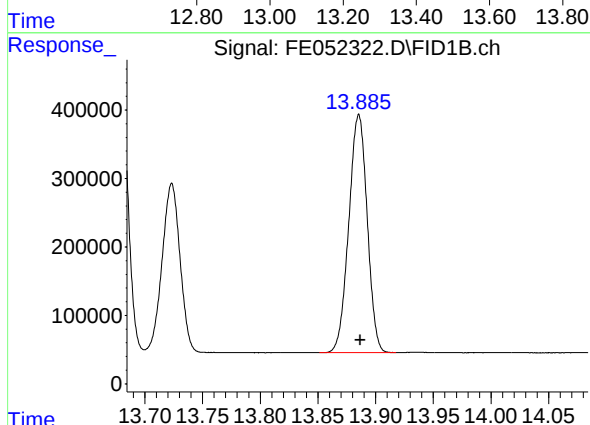
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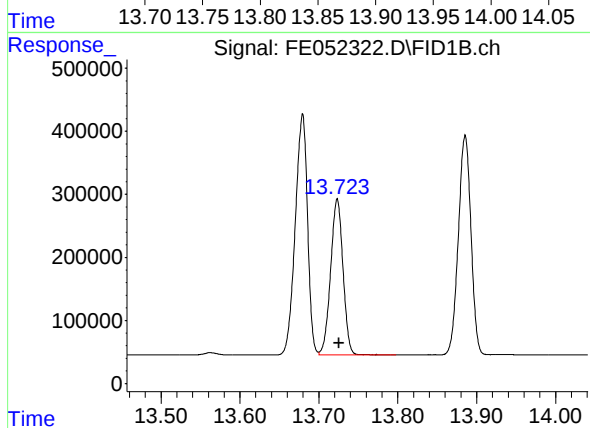
#10 n-Eicosane (C20)

R.T.: 13.277 min
Delta R.T.: -0.001 min
Response: 4043159
Conc: 35.83 ug/ml



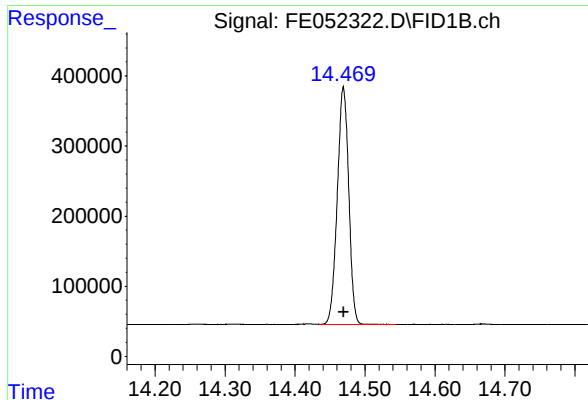
#11 n-Heneicosane (C21)

R.T.: 13.885 min
Delta R.T.: -0.001 min
Response: 3857387
Conc: 34.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.723 min
Delta R.T.: -0.002 min
Response: 2691477
Conc: 27.27 ug/ml



#13 n-Docosane (C22)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 3850119
Conc: 34.01 ug/ml

Instrument :

FID_E

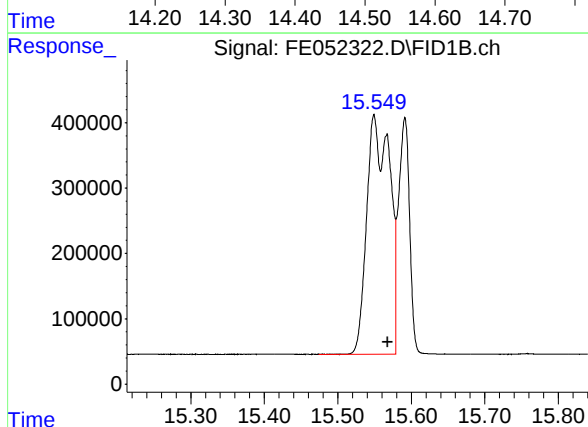
ClientSampleId :

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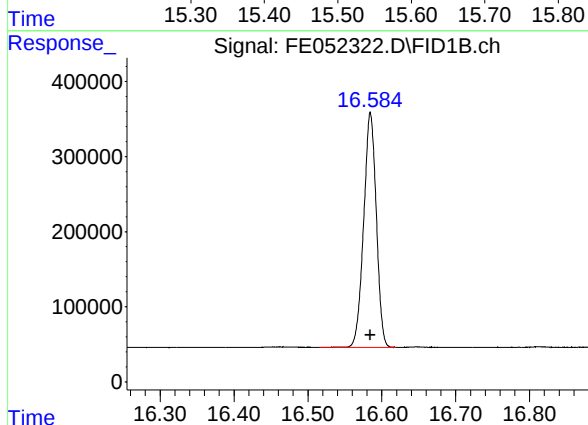
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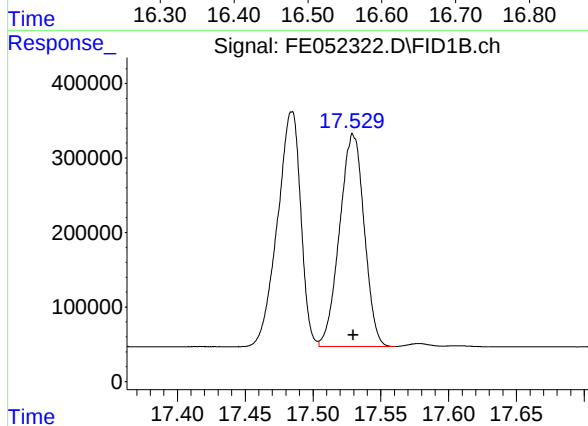
#14 n-Tetracosane (C24)

R.T.: 15.550 min
Delta R.T.: -0.018 min
Response: 7902543
Conc: 68.73 ug/ml



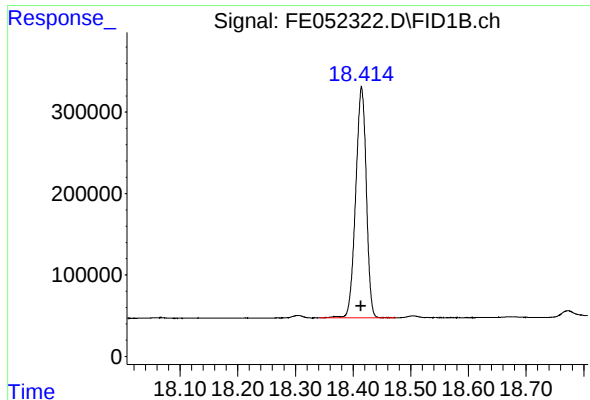
#15 n-Hexacosane (C26)

R.T.: 16.584 min
Delta R.T.: 0.000 min
Response: 3708274
Conc: 32.34 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.530 min
Delta R.T.: 0.000 min
Response: 3603857
Conc: 31.85 ug/ml



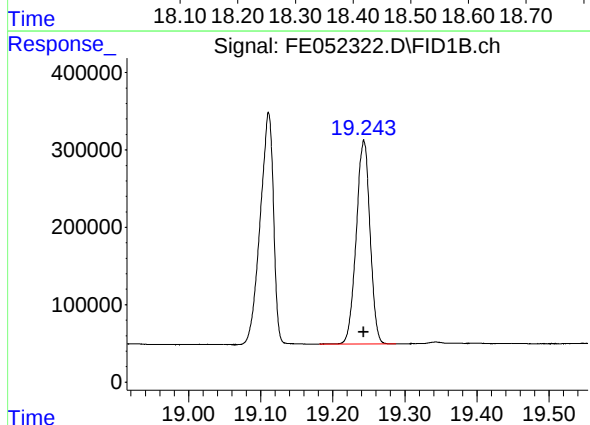
#17 n-Tricontane (C30)

R.T.: 18.415 min
Delta R.T.: 0.000 min
Response: 3628132
Conc: 31.84 ug/ml

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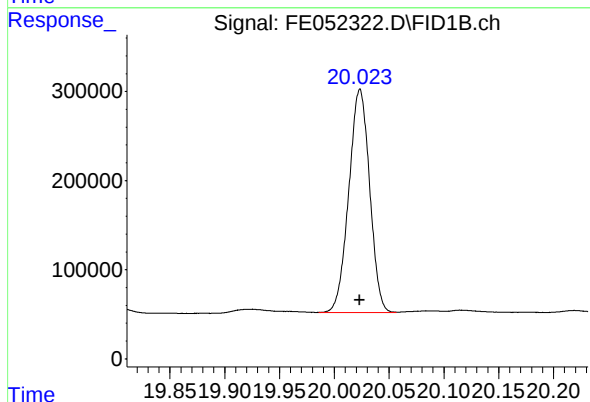
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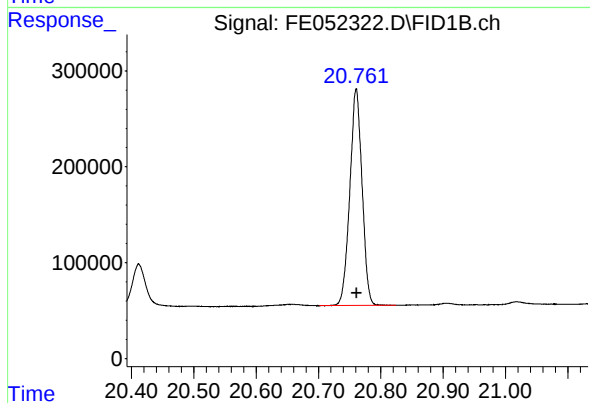
#18 n-Dotriacontane (C32)

R.T.: 19.243 min
Delta R.T.: 0.000 min
Response: 3504754
Conc: 32.15 ug/ml



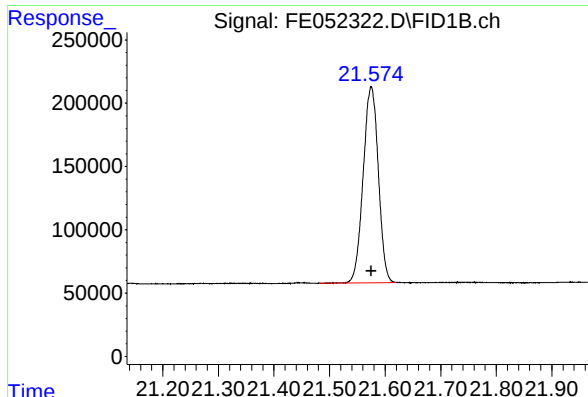
#19 n-Tetratriacontane (C34)

R.T.: 20.023 min
Delta R.T.: 0.000 min
Response: 3316663
Conc: 34.96 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.761 min
Delta R.T.: 0.000 min
Response: 3084161
Conc: 37.33 ug/ml



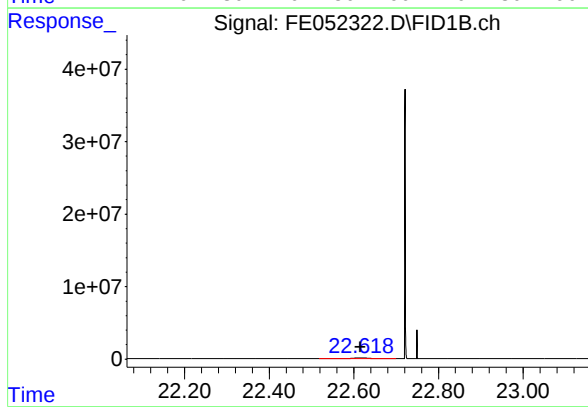
#21 n-Octatriacontane (C38)

R.T.: 21.575 min
Delta R.T.: 0.000 min
Response: 2930135
Conc: 39.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.618 min
Delta R.T.: 0.002 min
Response: 2894399
Conc: 38.82 ug/ml