

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021125AL\
 Data File : FE052352.D
 Signal(s) : FID1B.ch
 Acq On : 11 Feb 2025 16:53
 Operator : YP\AJ
 Sample : Q1346-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SOIL-COMPMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/12/2025

Supervised By :Ankita Jodhani 02/12/2025

Integration File: autoint1.e

Quant Time: Feb 12 01:20:12 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	3236839	26.152 ug/ml
Spiked Amount 50.000		Recovery =	52.30%
12) S 1-chlorooctadecane (S...	13.724	2764976	28.016 ug/mlm
Spiked Amount 50.000		Recovery =	56.03%
Target Compounds			
1) T n-Nonane (C9)	3.779	2652112	28.394 ug/ml
2) T n-Decane (C10)	5.006	2958316	30.805 ug/ml
3) T A~Naphthalene (C11.7)	6.708	3615028	33.826 ug/ml
4) T n-Dodecane (C12)	7.135	3222966	32.517 ug/ml
5) T A~2-methylnaphthalene...	7.789	3486390	33.288 ug/ml
6) T n-Tetradecane (C14)	8.945	3519947	34.881 ug/ml
7) T n-Hexadecane (C16)	10.540	3630726	33.458 ug/ml
8) T n-Octadecane (C18)	11.974	3757000	33.072 ug/ml
10) T n-Eicosane (C20)	13.278	4001357	35.457 ug/ml
11) T n-Heneicosane (C21)	13.886	3775176	33.523 ug/ml
13) T n-Docosane (C22)	14.469	3819439	33.744 ug/ml
14) T n-Tetracosane (C24)	15.550	8242097	71.684 ug/ml
15) T n-Hexacosane (C26)	16.585	3553443	30.985 ug/ml
16) T n-Octacosane (C28)	17.530	3447862	30.473 ug/ml
17) T n-Tricontane (C30)	18.414	3526497	30.948 ug/ml
18) T n-Dotriacontane (C32)	19.243	3432876	31.487 ug/mlm
19) T n-Tetratriacontane (C34)	20.022	3147163	33.173 ug/mlm
20) T n-Hexatriacontane (C36)	20.762	2868623	34.717 ug/mlm
21) T n-Octatriacontane (C38)	21.574	2743954	36.935 ug/ml
22) T n-Tetracontane (C40)	22.615	2671936	35.838 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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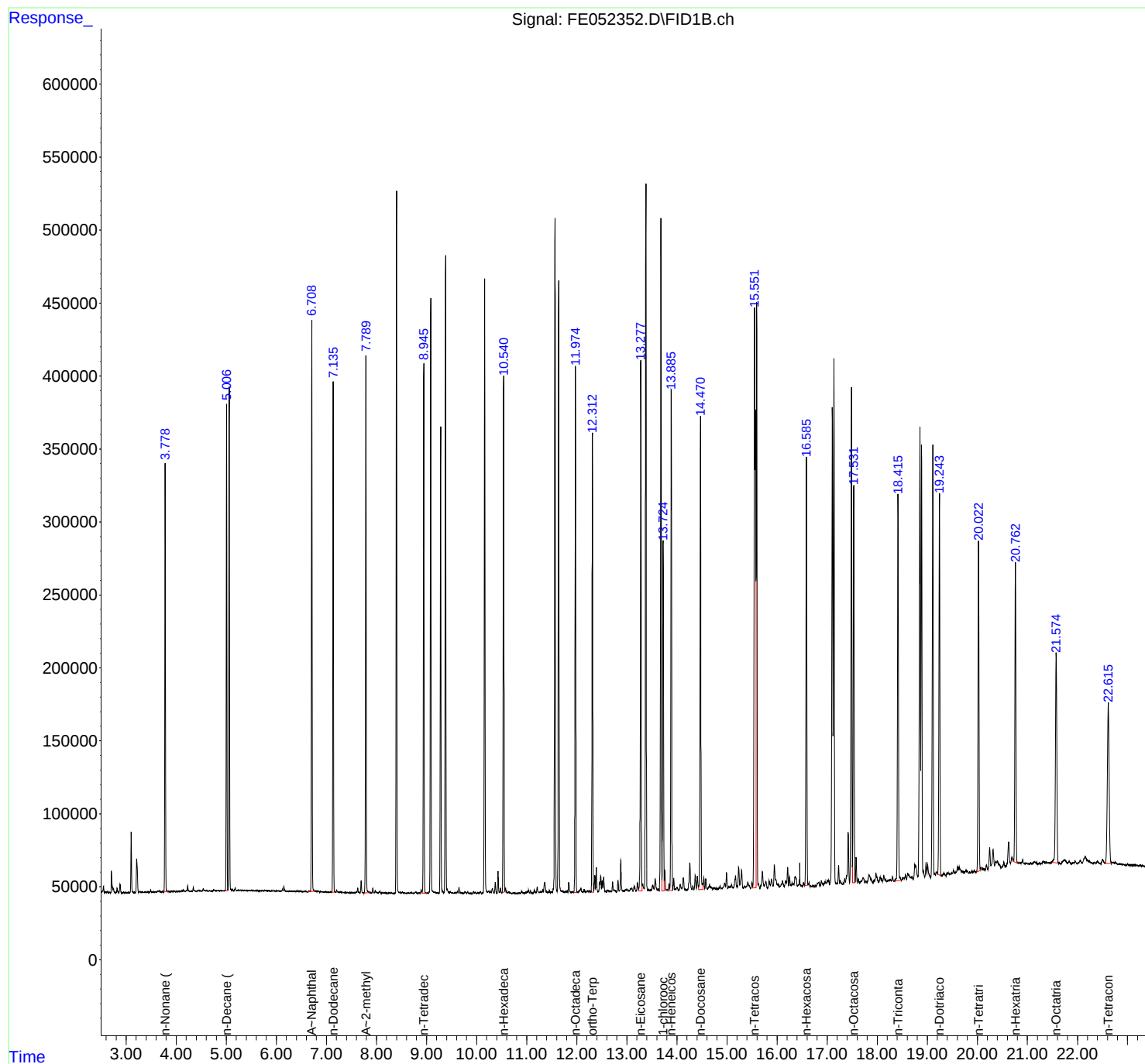
Instrument :
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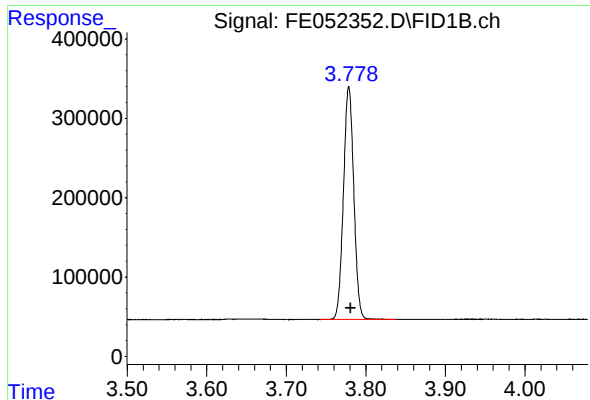
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 2652112
Conc: 28.39 ug/ml

Instrument :

FID_E

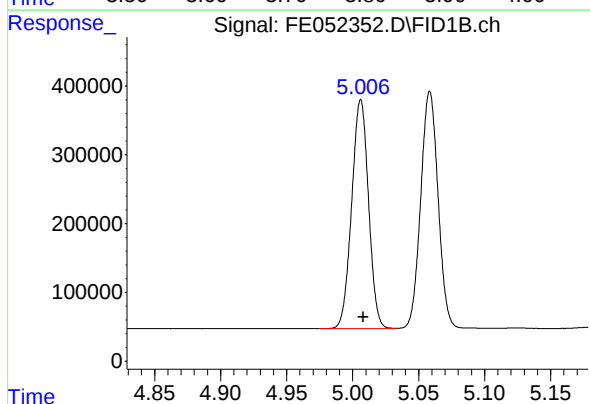
ClientSampleId :

SOIL-COMPMSD

Manual Integrations

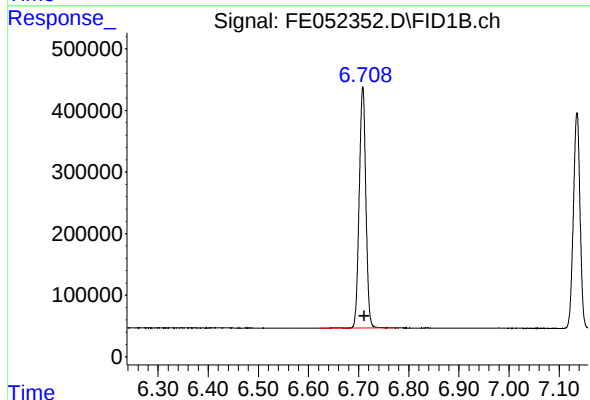
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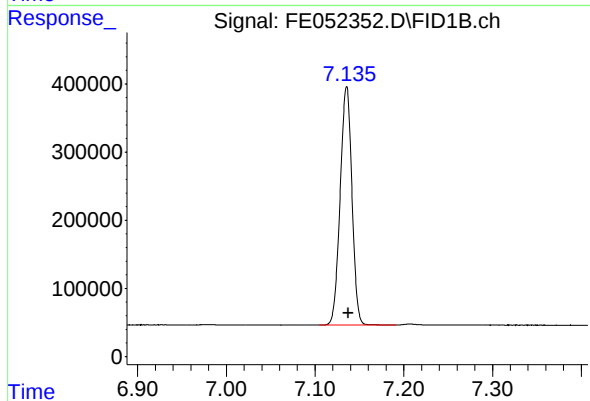
#2 n-Decane (C10)

R.T.: 5.006 min
Delta R.T.: -0.002 min
Response: 2958316
Conc: 30.81 ug/ml



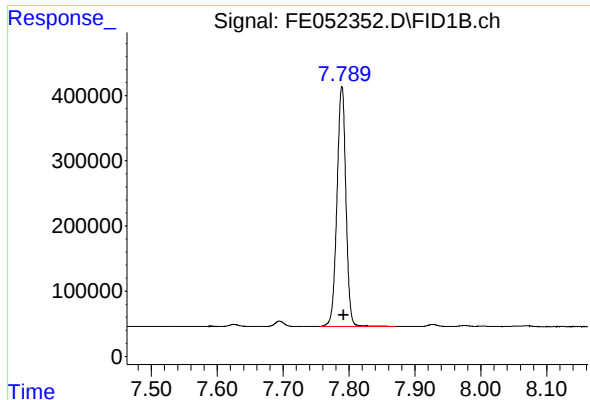
#3 A~Naphthalene (C11.7)

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 3615028
Conc: 33.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 3222966
Conc: 32.52 ug/ml



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

R.T.: 7.789 min
Delta R.T.: -0.003 min
Response: 3486390
Conc: 33.29 ug/ml

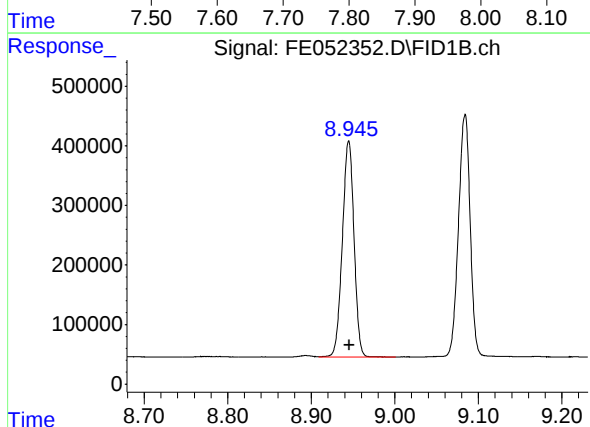
Instrument :

FID_E

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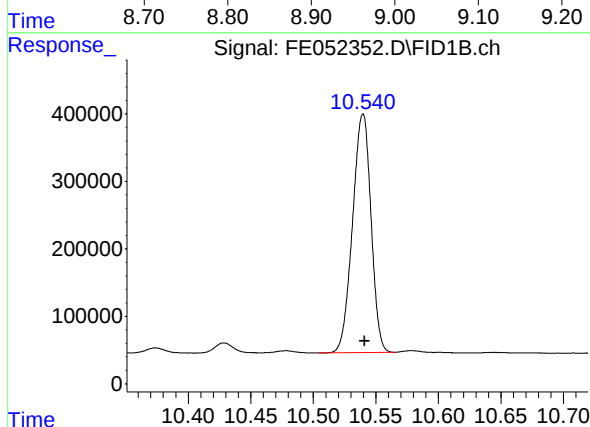
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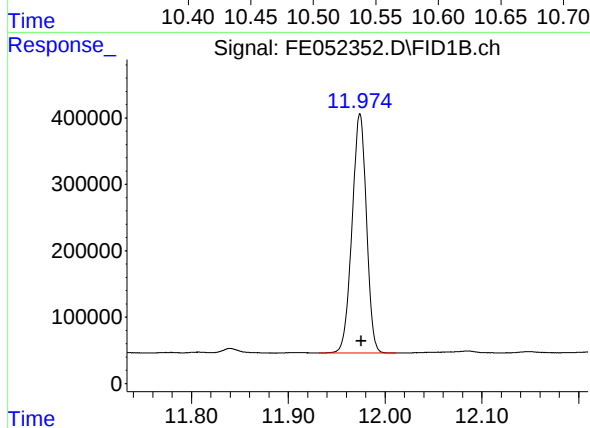
#6 n-Tetradecane (C14)

R.T.: 8.945 min
Delta R.T.: -0.001 min
Response: 3519947
Conc: 34.88 ug/ml



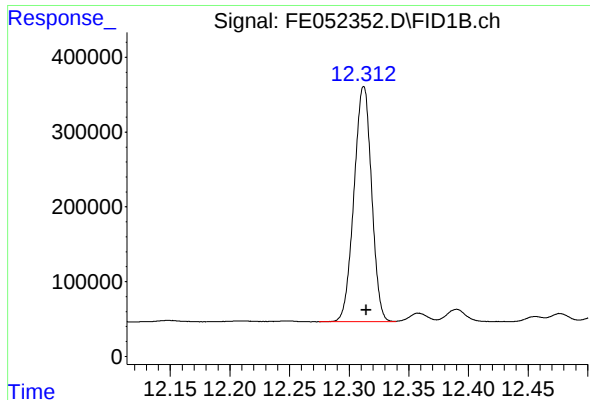
#7 n-Hexadecane (C16)

R.T.: 10.540 min
Delta R.T.: -0.002 min
Response: 3630726
Conc: 33.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.974 min
Delta R.T.: -0.001 min
Response: 3757000
Conc: 33.07 ug/ml



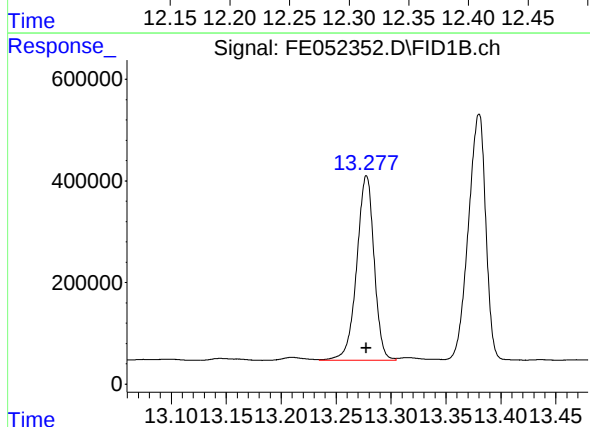
#9 ortho-Terphenyl (SURR)

R.T.: 12.312 min
Delta R.T.: -0.002 min
Response: 3236839
Conc: 26.15 ug/ml

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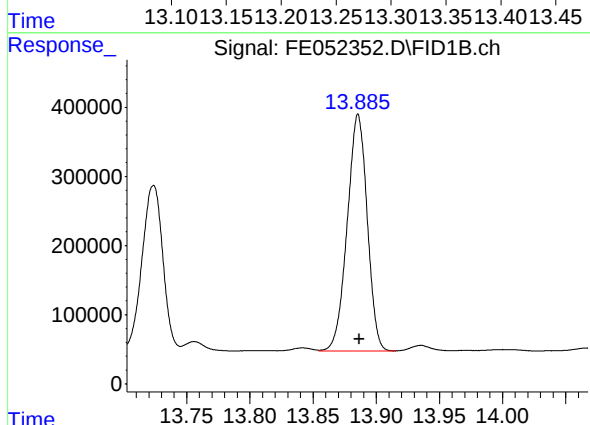
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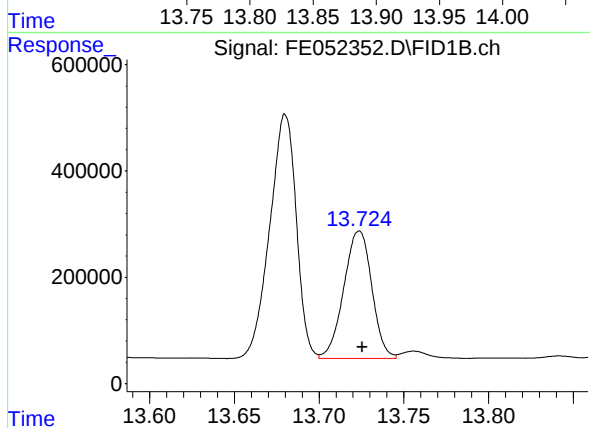
#10 n-Eicosane (C20)

R.T.: 13.278 min
Delta R.T.: 0.000 min
Response: 4001357
Conc: 35.46 ug/ml



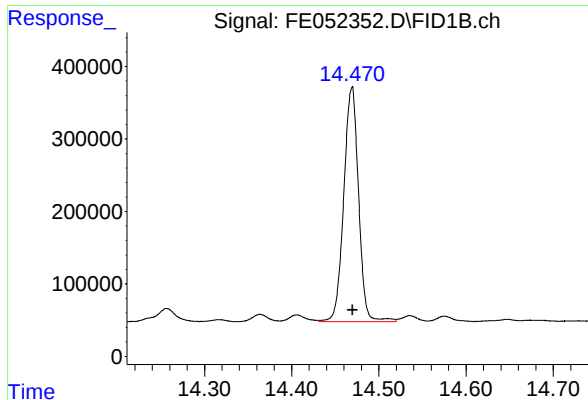
#11 n-Heneicosane (C21)

R.T.: 13.886 min
Delta R.T.: -0.001 min
Response: 3775176
Conc: 33.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.724 min
Delta R.T.: -0.002 min
Response: 2764976
Conc: 28.02 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.469 min
Delta R.T.: -0.001 min
Response: 3819439
Conc: 33.74 ug/ml

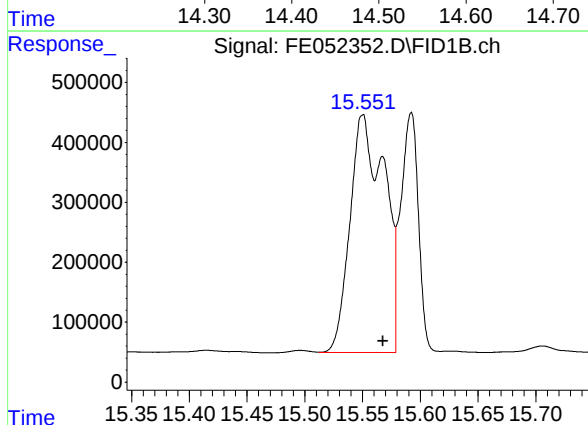
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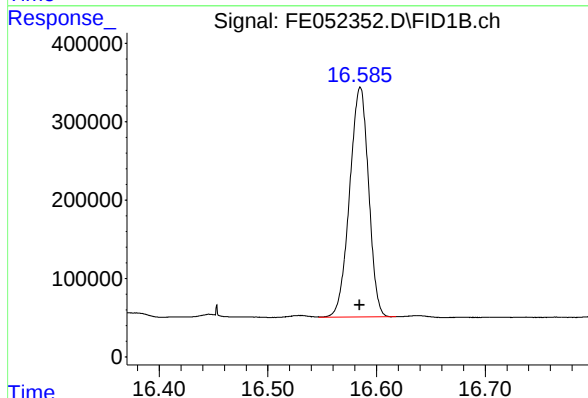
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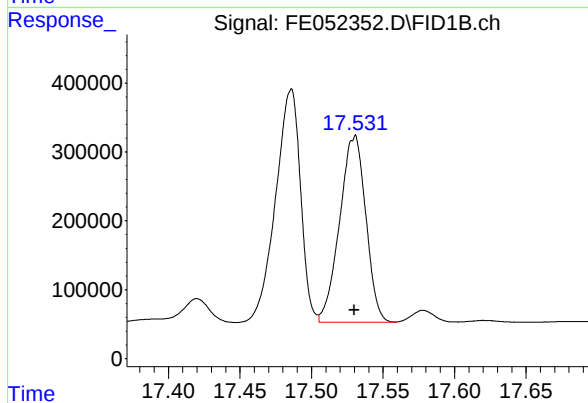
#14 n-Tetracosane (C24)

R.T.: 15.550 min
Delta R.T.: -0.018 min
Response: 8242097
Conc: 71.68 ug/ml



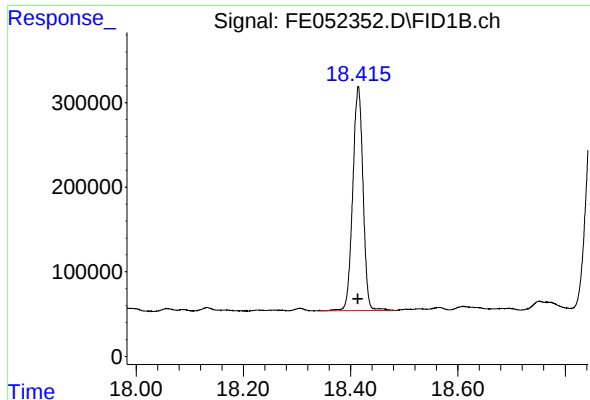
#15 n-Hexacosane (C26)

R.T.: 16.585 min
Delta R.T.: 0.000 min
Response: 3553443
Conc: 30.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.530 min
Delta R.T.: 0.000 min
Response: 3447862
Conc: 30.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.414 min
Delta R.T.: 0.000 min
Response: 3526497
Conc: 30.95 ug/ml

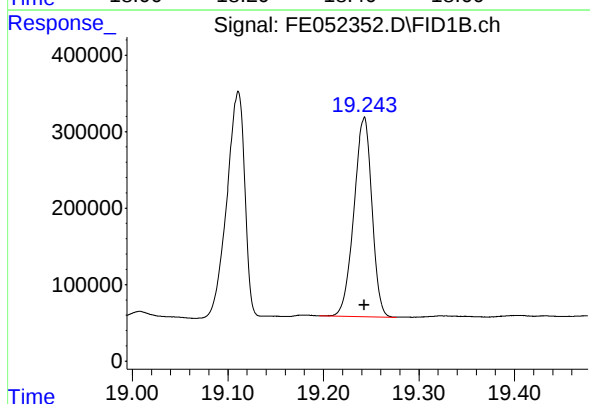
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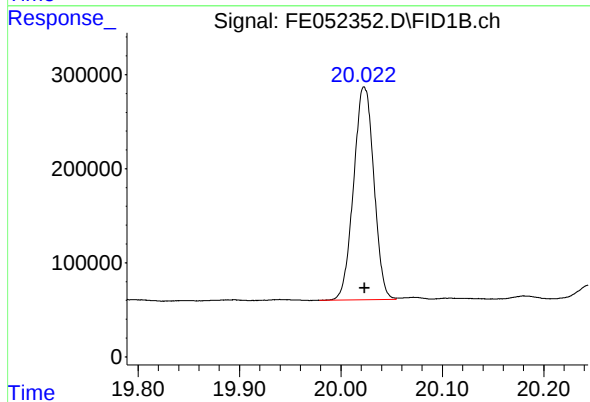
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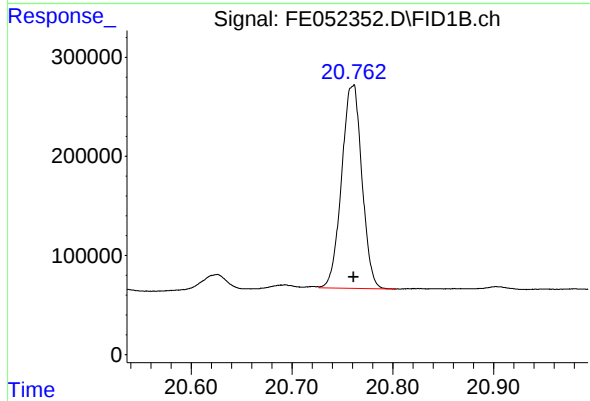
#18 n-Dotriacontane (C32)

R.T.: 19.243 min
Delta R.T.: 0.000 min
Response: 3432876
Conc: 31.49 ug/ml m



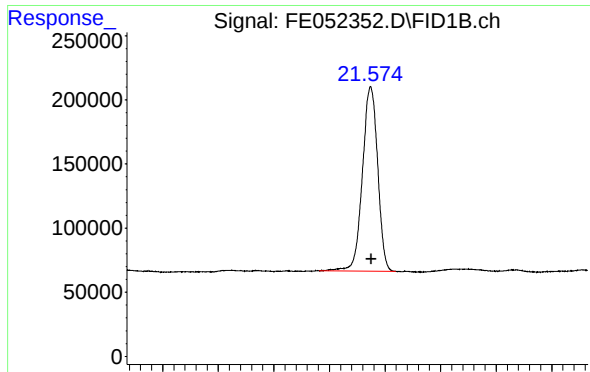
#19 n-Tetratriacontane (C34)

R.T.: 20.022 min
Delta R.T.: 0.000 min
Response: 3147163
Conc: 33.17 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.762 min
Delta R.T.: 0.000 min
Response: 2868623
Conc: 34.72 ug/ml m



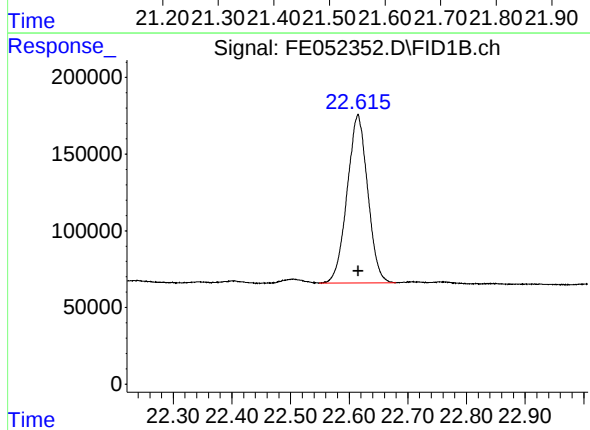
#21 n-Octatriacontane (C38)

R.T.: 21.574 min
Delta R.T.: -0.001 min
Response: 2743954
Conc: 36.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.615 min
Delta R.T.: 0.000 min
Response: 2671936
Conc: 35.84 ug/ml m