

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046514.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2024 16:00
 Operator : YP\AJ
 Sample : PB158755BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158755BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

Integration File: sample.E
 Quant Time: Feb 02 05:35:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.824	2980134	16.117 ug/ml
Spiked Amount 50.000		Recovery =	32.23%
12) S 1-chlorooctadecane (S...	13.264	2722250	19.134 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.221	5757036	35.641 ug/ml
2) T n-Decane (C10)	4.466	6180159	37.710 ug/ml
3) T A~Naphthalene (C11.7)	6.167	7313616	42.770 ug/ml
4) T n-Dodecane (C12)	6.629	6850103	41.413 ug/ml
5) T A~2-methylnaphthalene...	7.262	7154699	44.860 ug/ml
6) T n-Tetradecane (C14)	8.456	7022090	42.845 ug/ml
7) T n-Hexadecane (C16)	10.065	6877980	40.250 ug/ml
8) T n-Octadecane (C18)	11.510	6911533	39.644 ug/ml
10) T n-Eicosane (C20)	12.821	6858909	40.397 ug/ml
11) T n-Heneicosane (C21)	13.433	6601184	39.578 ug/ml
13) T n-Docosane (C22)	14.021	6499808	39.234 ug/ml
14) T n-Tetracosane (C24)	15.125	14901724	90.312 ug/ml
15) T n-Hexacosane (C26)	16.149	6252216	38.737 ug/ml
16) T n-Octacosane (C28)	17.099	7778604	49.551 ug/mlm
17) T n-Tricontane (C30)	17.991	6165193	39.361 ug/ml
18) T n-Dotriacontane (C32)	18.825	6478519	42.859 ug/mlm
19) T n-Tetratriacontane (C34)	19.612	5741530	40.480 ug/ml
20) T n-Hexatriacontane (C36)	20.353	5487898	39.813 ug/ml
21) T n-Octatriacontane (C38)	21.084	5742097	44.792 ug/ml
22) T n-Tetracontane (C40)	21.973	5729466	45.822 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 13 Sample Multiplier: 1

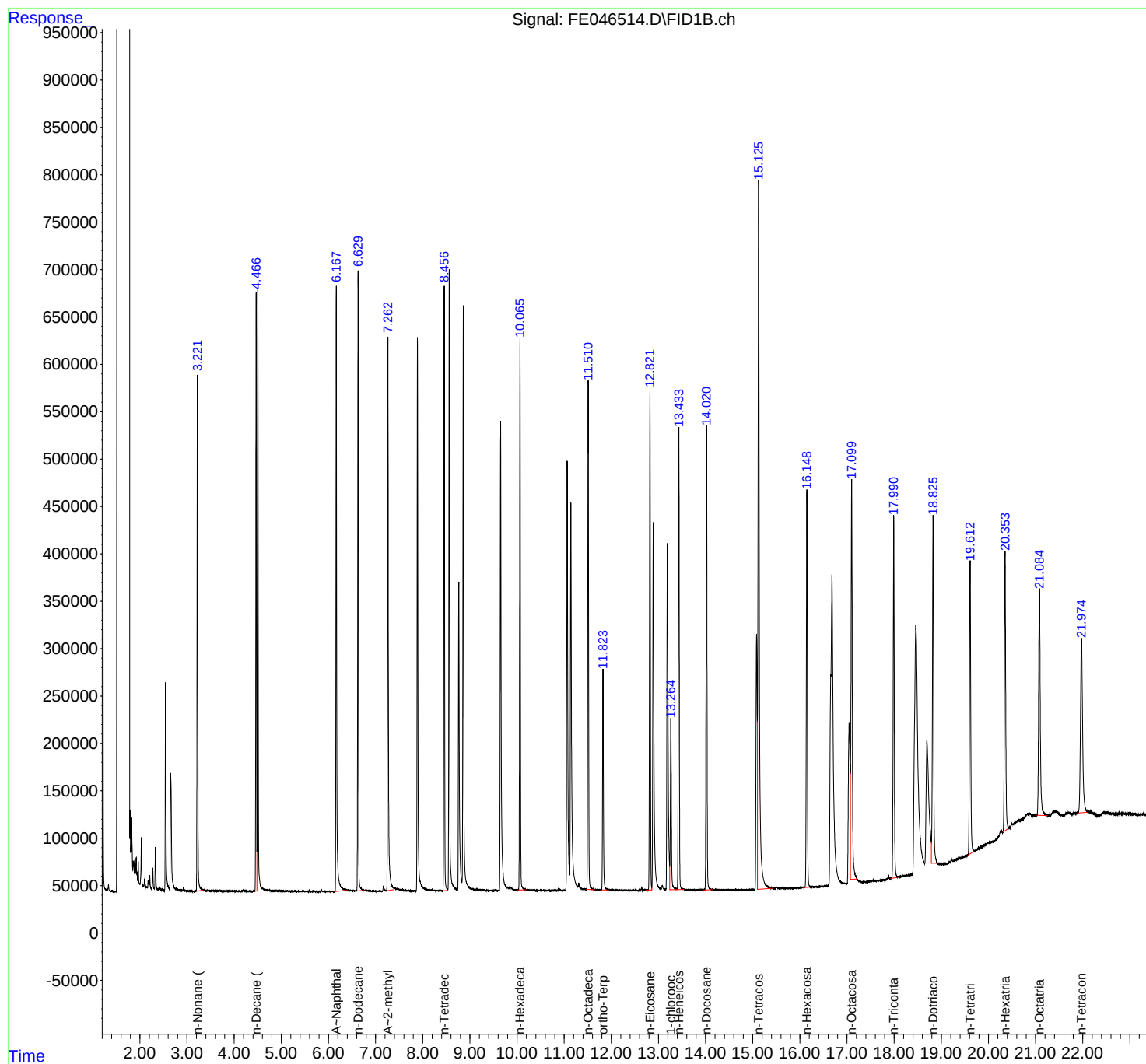
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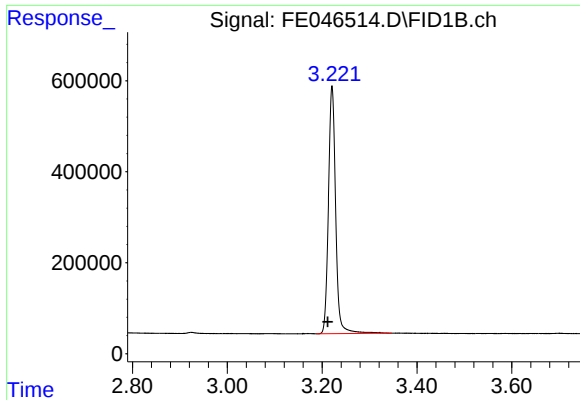
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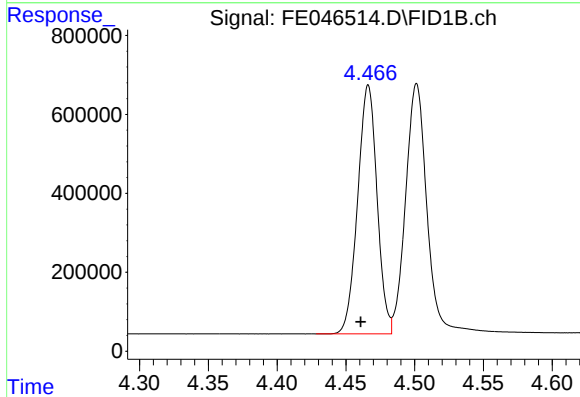
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: 0.009 min
Response: 5757036
Conc: 35.64 ug/ml

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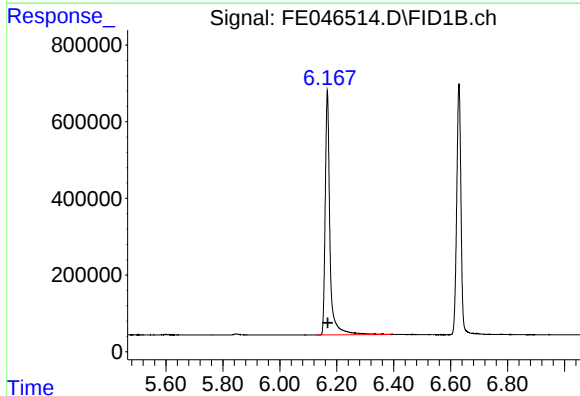
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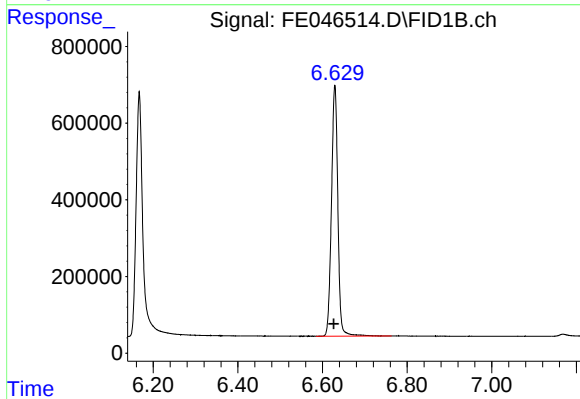
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: 0.006 min
Response: 6180159
Conc: 37.71 ug/ml



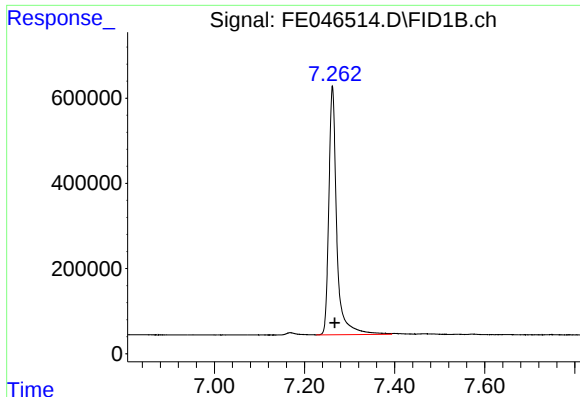
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 7313616
Conc: 42.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.629 min
Delta R.T.: 0.002 min
Response: 6850103
Conc: 41.41 ug/ml



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

R.T.: 7.262 min
Delta R.T.: -0.005 min
Response: 7154699
Conc: 44.86 ug/ml

Instrument :

FID_E

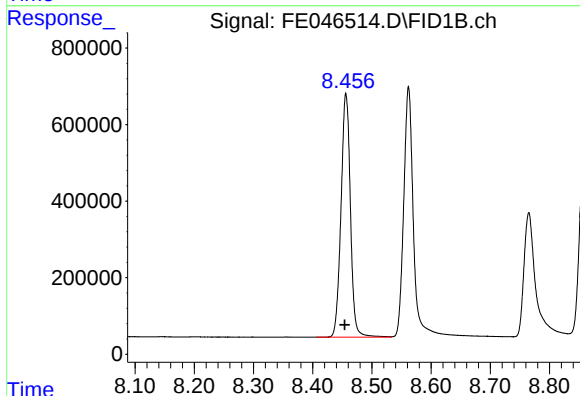
ClientSampleId :

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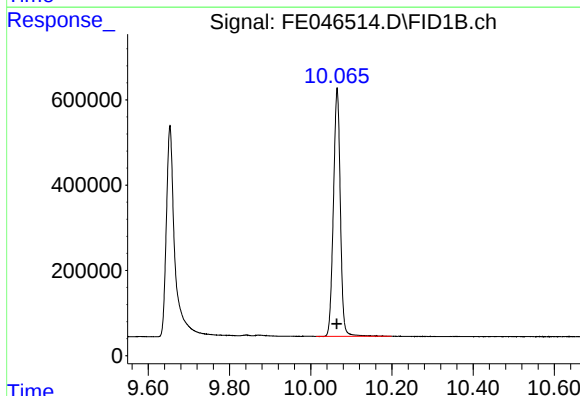
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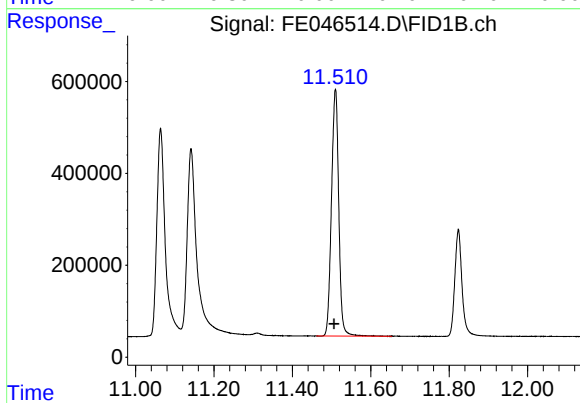
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: 0.002 min
Response: 7022090
Conc: 42.84 ug/ml



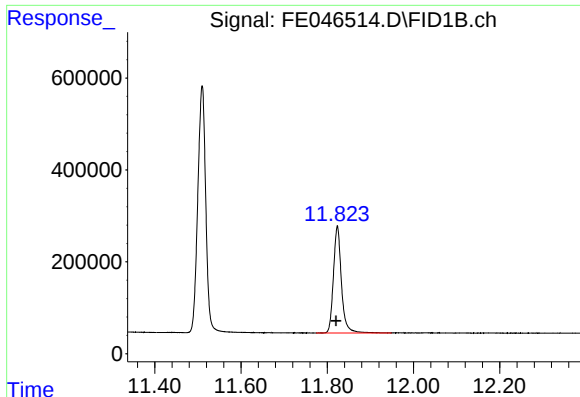
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: 0.001 min
Response: 6877980
Conc: 40.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: 0.004 min
Response: 6911533
Conc: 39.64 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.824 min
Delta R.T.: 0.003 min
Response: 2980134
Conc: 16.12 ug/ml

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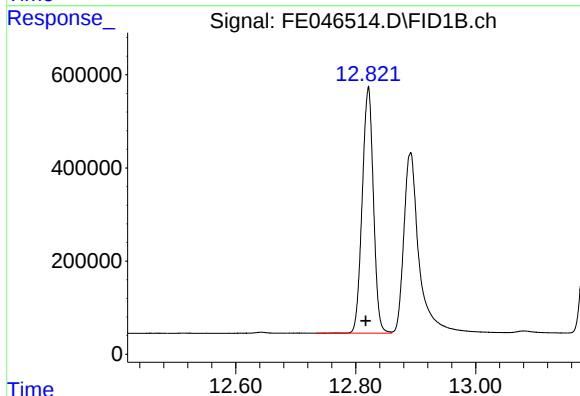
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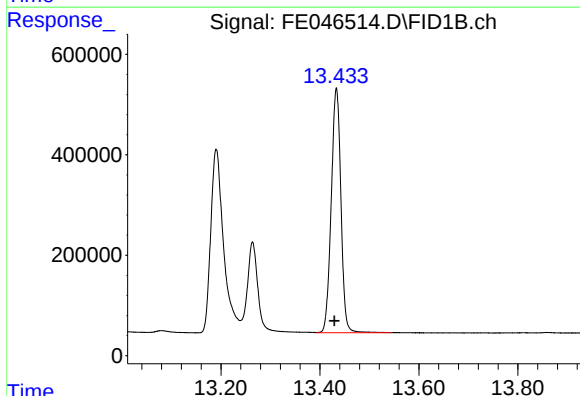
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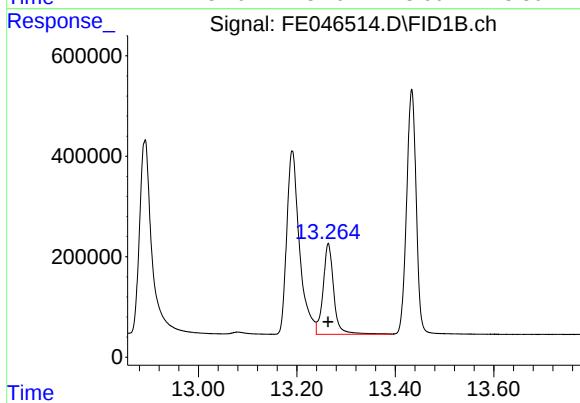
#10 n-Eicosane (C20)

R.T.: 12.821 min
Delta R.T.: 0.004 min
Response: 6858909
Conc: 40.40 ug/ml



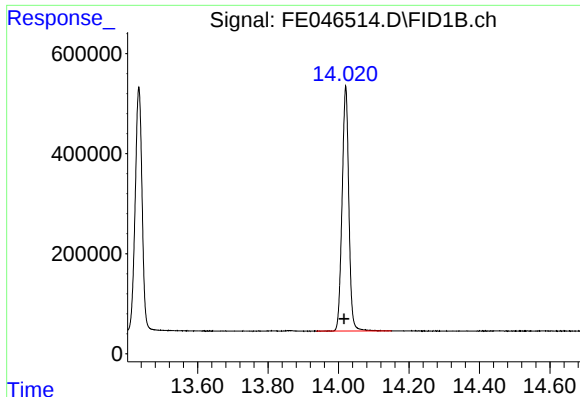
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: 0.004 min
Response: 6601184
Conc: 39.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 2722250
Conc: 19.13 ug/ml



#13 n-Docosane (C22)

R.T.: 14.021 min
Delta R.T.: 0.005 min
Response: 6499808
Conc: 39.23 ug/ml

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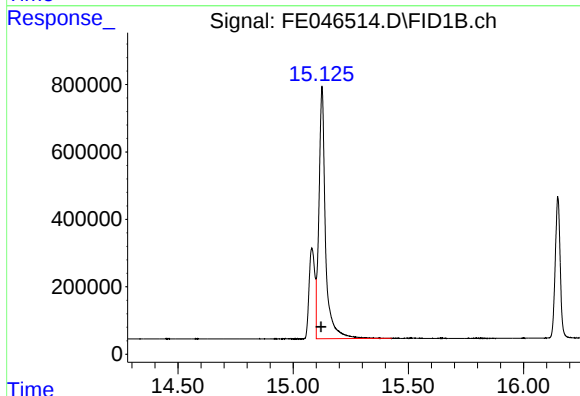
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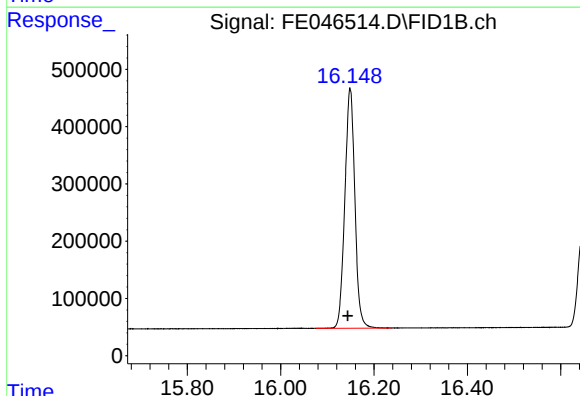
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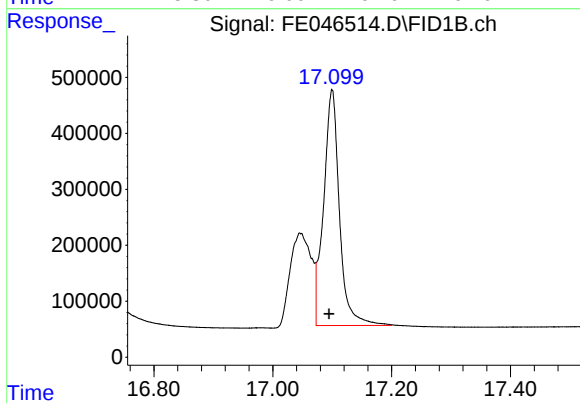
#14 n-Tetracosane (C24)

R.T.: 15.125 min
Delta R.T.: 0.004 min
Response: 14901724
Conc: 90.31 ug/ml



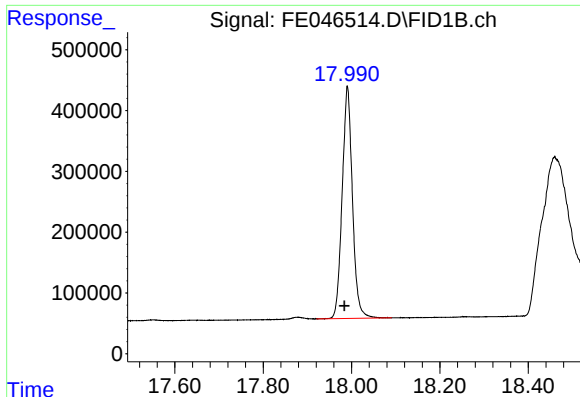
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: 0.005 min
Response: 6252216
Conc: 38.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.099 min
Delta R.T.: 0.004 min
Response: 7778604
Conc: 49.55 ug/ml m



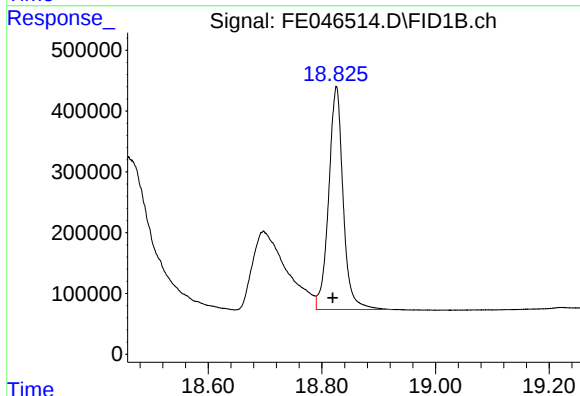
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: 0.007 min
Response: 6165193
Conc: 39.36 ug/ml

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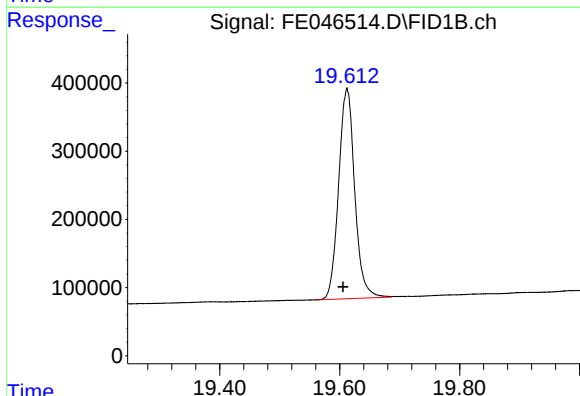
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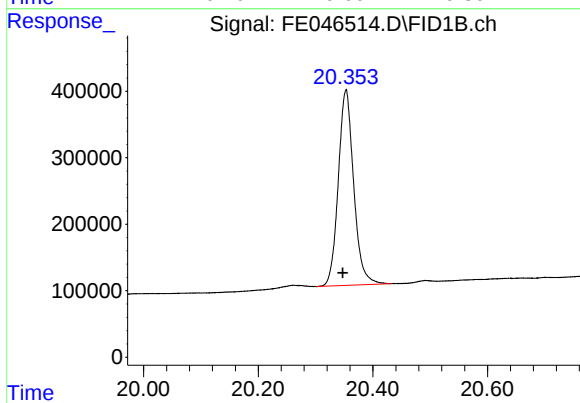
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: 0.006 min
Response: 6478519
Conc: 42.86 ug/ml m



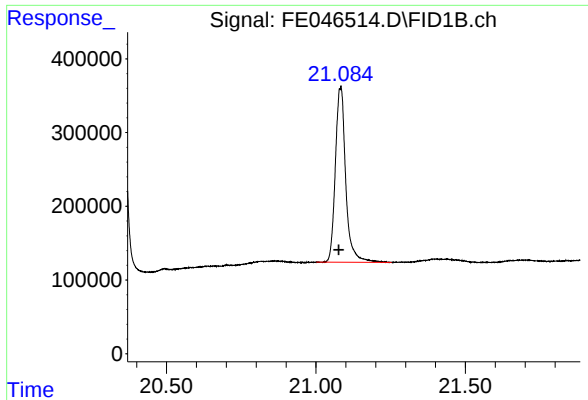
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: 0.006 min
Response: 5741530
Conc: 40.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: 0.006 min
Response: 5487898
Conc: 39.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.007 min
Response: 5742097
Conc: 44.79 ug/ml

Instrument :

FID_E

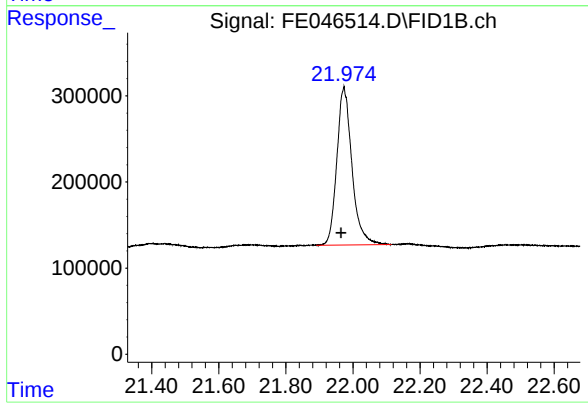
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#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: 0.008 min
Response: 5729466
Conc: 45.82 ug/ml