

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046532.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2024 14:22
 Operator : YP\AJ
 Sample : P1306-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SS-01MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/06/2024
 Supervised By :Sohil Jodhani 02/06/2024

Integration File: sample.E
 Quant Time: Feb 05 02:29:19 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)	11.823	8124246	43.936 ug/mlm
Spiked Amount 50.000		Recovery =	87.87%
12) S 1-chlorooctadecane (S...	13.269	12228666	85.951 ug/ml
Spiked Amount 50.000		Recovery =	171.90%
Target Compounds			
1) T n-Nonane (C9)	3.210	3570528	22.105 ug/ml
2) T n-Decane (C10)	4.460	4126418	25.179 ug/ml
3) T A~Naphthalene (C11.7)	6.162	4882755	28.554 ug/ml
4) T n-Dodecane (C12)	6.626	4838936	29.254 ug/ml
5) T A~2-methylnaphthalene...	7.258	5097560	31.961 ug/ml
6) T n-Tetradecane (C14)	8.454	5344475	32.609 ug/ml
7) T n-Hexadecane (C16)	10.062	5624443	32.915 ug/ml
8) T n-Octadecane (C18)	11.507	5716329	32.789 ug/mlm
10) T n-Eicosane (C20)	12.819	5752508	33.881 ug/mlm
11) T n-Heneicosane (C21)	13.431	5586663	33.495 ug/ml
13) T n-Docosane (C22)	14.018	5440545	32.840 ug/ml
14) T n-Tetracosane (C24)	15.121	12186359	73.855 ug/ml
15) T n-Hexacosane (C26)	16.145	5255510	32.562 ug/ml
16) T n-Octacosane (C28)	17.095	6792356	43.269 ug/mlm
17) T n-Tricontane (C30)	17.986	5168378	32.997 ug/ml
18) T n-Dotriacontane (C32)	18.821	5444511	36.018 ug/mlm
19) T n-Tetratriacontane (C34)	19.606	4796594	33.818 ug/ml
20) T n-Hexatriacontane (C36)	20.348	4539467	32.933 ug/ml
21) T n-Octatriacontane (C38)	21.076	4774543	37.244 ug/ml
22) T n-Tetracontane (C40)	21.966	4765610	38.114 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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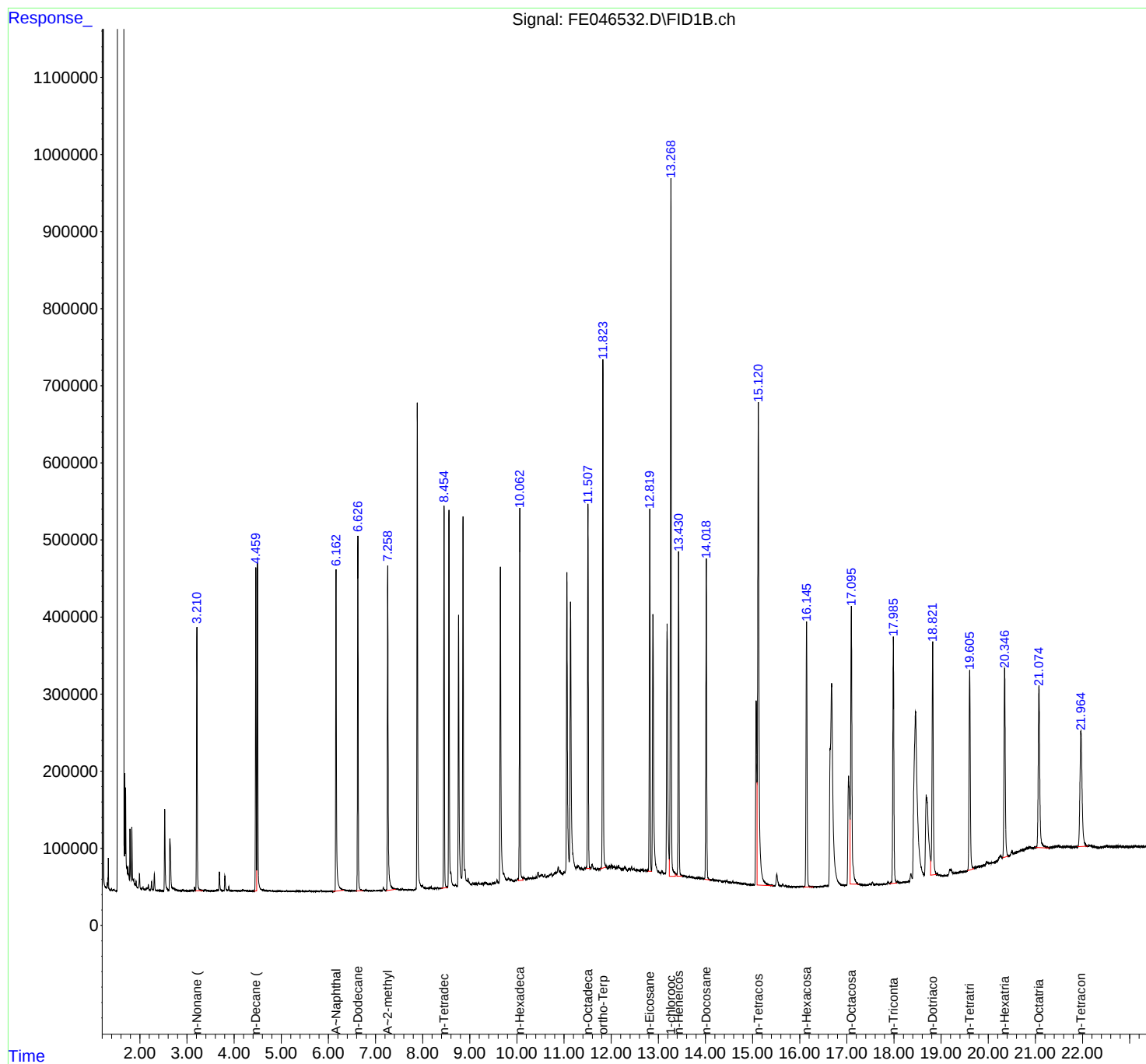
Instrument :
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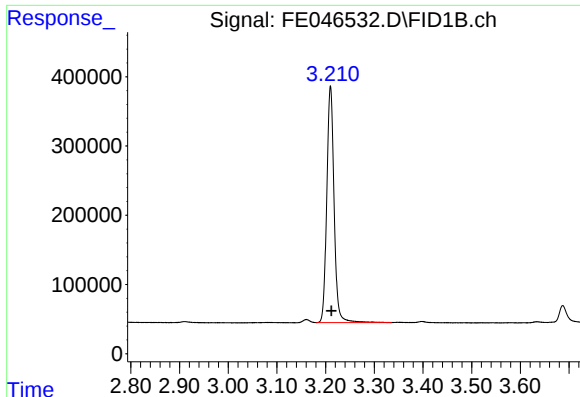
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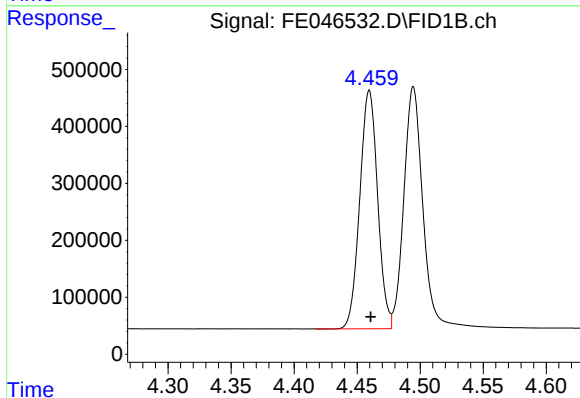
#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: -0.002 min
Response: 3570528
Conc: 22.10 ug/ml

Instrument :
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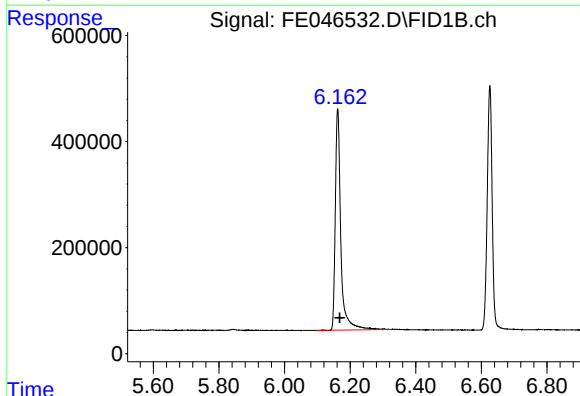
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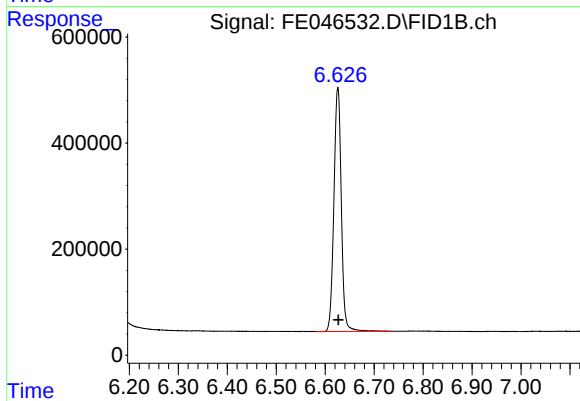
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: -0.001 min
Response: 4126418
Conc: 25.18 ug/ml



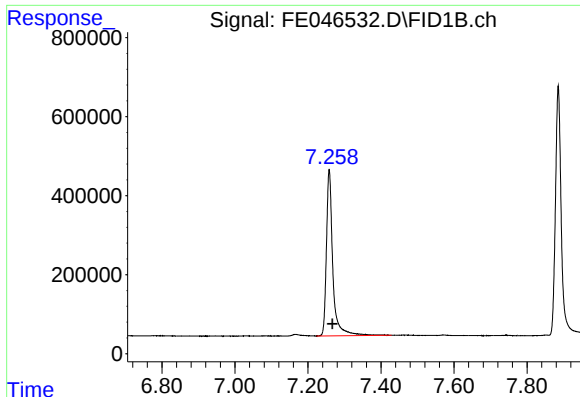
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: -0.007 min
Response: 4882755
Conc: 28.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 4838936
Conc: 29.25 ug/ml



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

R.T.: 7.258 min
Delta R.T.: -0.009 min
Response: 5097560
Conc: 31.96 ug/ml

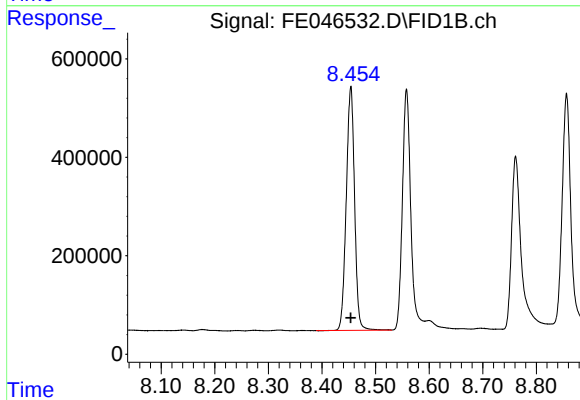
Instrument :

FID_E

ClientSampleId :
SS-01MS

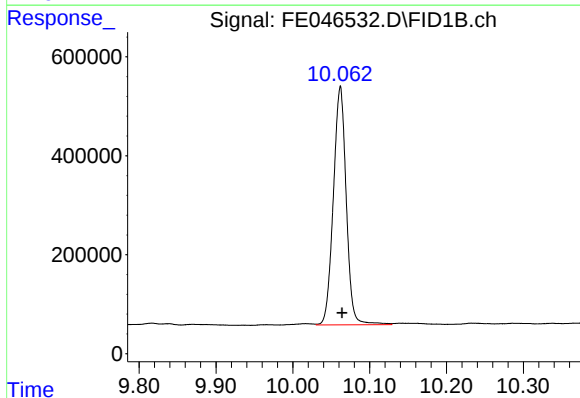
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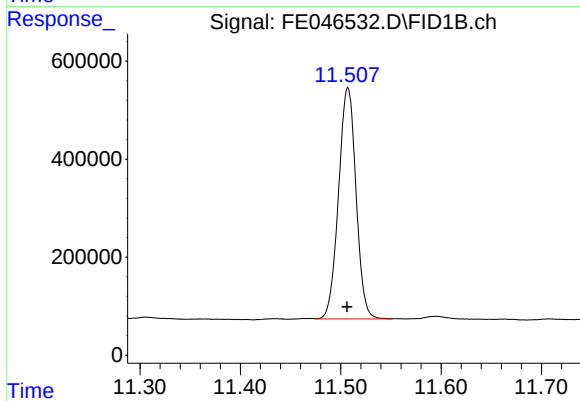
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 5344475
Conc: 32.61 ug/ml



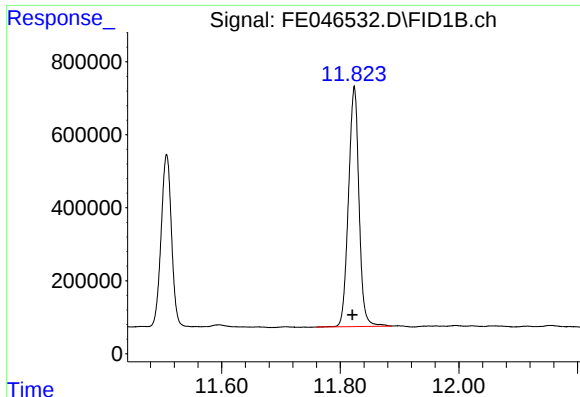
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.002 min
Response: 5624443
Conc: 32.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: 0.000 min
Response: 5716329
Conc: 32.79 ug/ml m



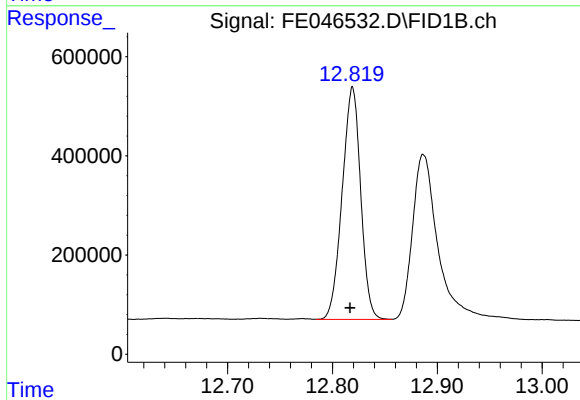
#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: 0.003 min
Response: 8124246
Conc: 43.94 ug/ml

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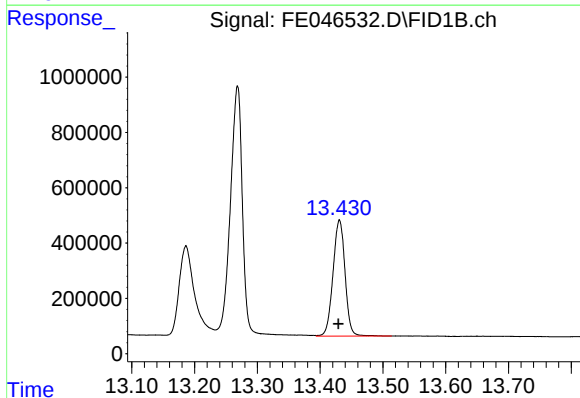
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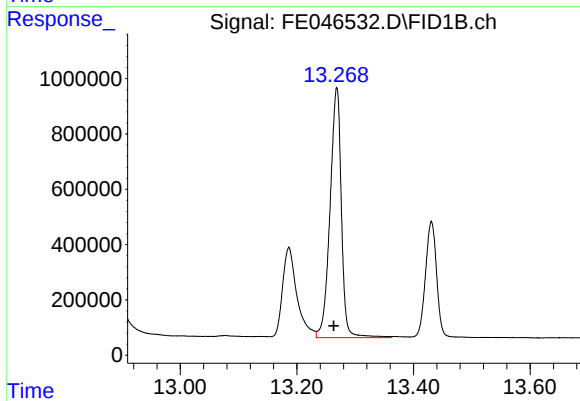
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: 0.002 min
Response: 5752508
Conc: 33.88 ug/ml m



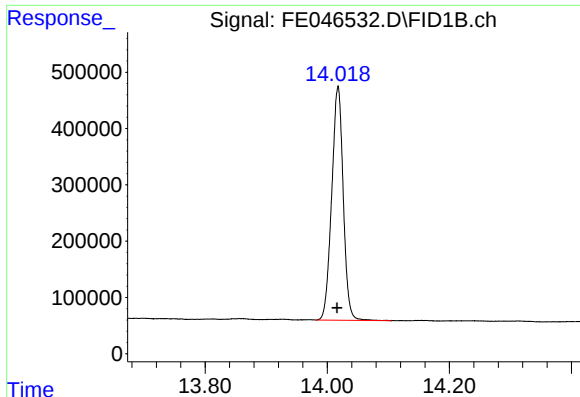
#11 n-Heneicosane (C21)

R.T.: 13.431 min
Delta R.T.: 0.002 min
Response: 5586663
Conc: 33.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: 0.005 min
Response: 12228666
Conc: 85.95 ug/ml



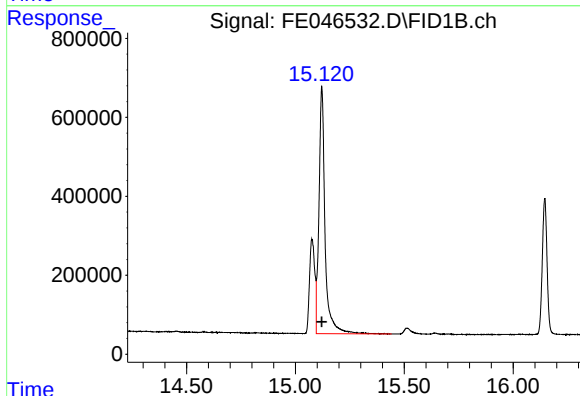
#13 n-Docosane (C22)

R.T.: 14.018 min
Delta R.T.: 0.002 min
Response: 5440545
Conc: 32.84 ug/ml

Instrument :
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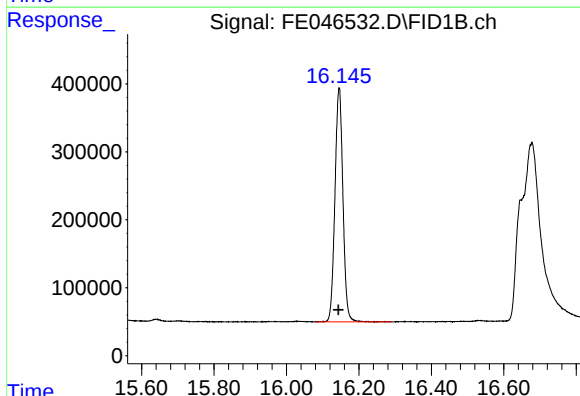
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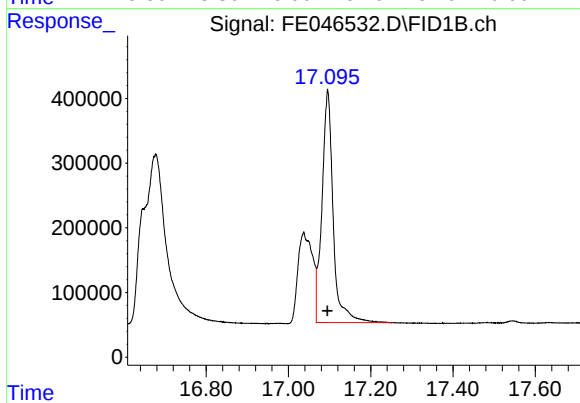
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: 0.000 min
Response: 12186359
Conc: 73.86 ug/ml



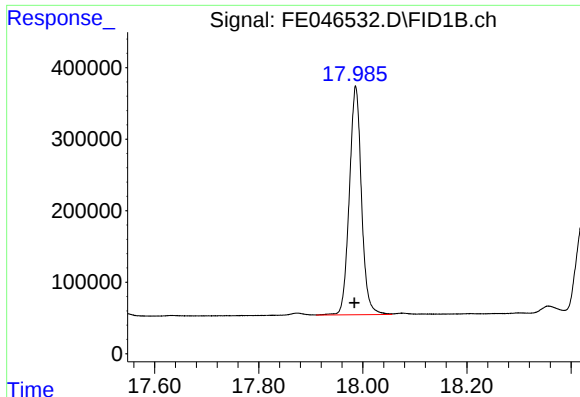
#15 n-Hexacosane (C26)

R.T.: 16.145 min
Delta R.T.: 0.002 min
Response: 5255510
Conc: 32.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: 0.000 min
Response: 6792356
Conc: 43.27 ug/ml m



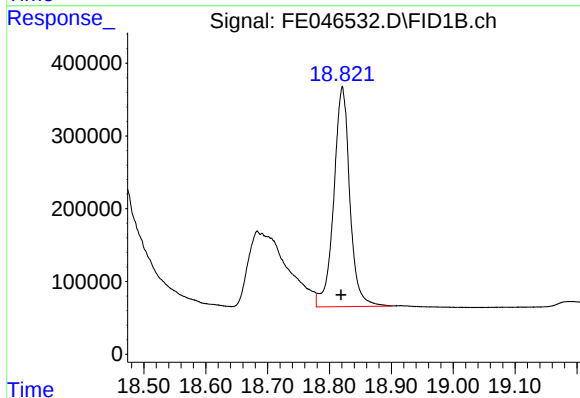
#17 n-Tricontane (C30)

R.T.: 17.986 min
Delta R.T.: 0.003 min
Response: 5168378
Conc: 33.00 ug/ml

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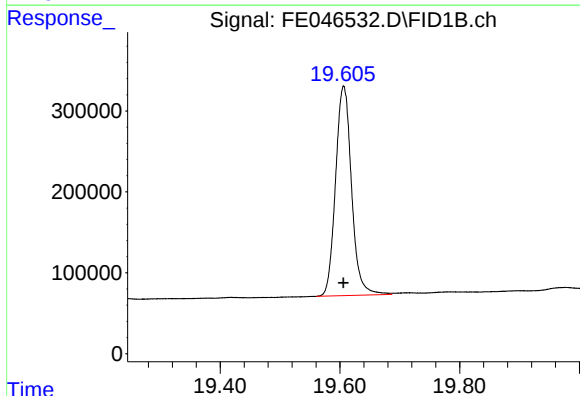
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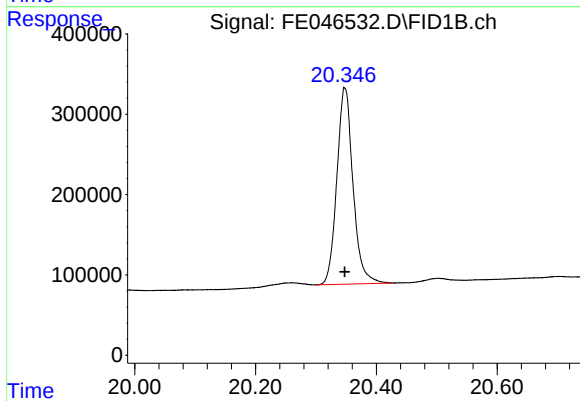
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: 0.002 min
Response: 5444511
Conc: 36.02 ug/ml m



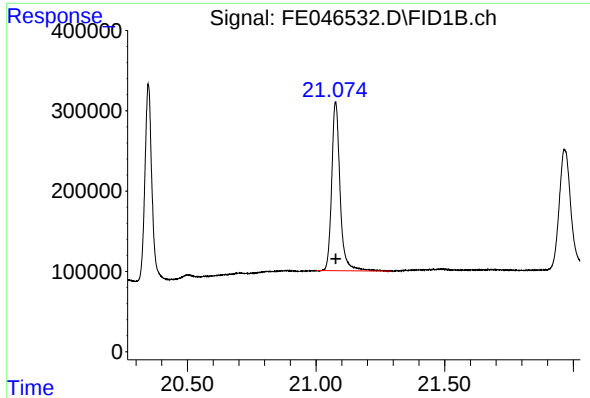
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: 0.000 min
Response: 4796594
Conc: 33.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: 0.000 min
Response: 4539467
Conc: 32.93 ug/ml



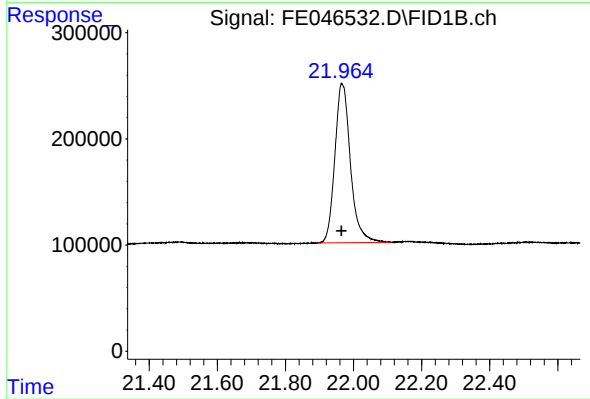
#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: 0.000 min
Response: 4774543
Conc: 37.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.000 min
Response: 4765610
Conc: 38.11 ug/ml