

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113023AL\
 Data File : FE045595.D
 Signal(s) : FID1B.ch
 Acq On : 30 Nov 2023 15:52
 Operator : YP\AJ
 Sample : PB157470BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB157470BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :Ankita Jodhani 12/01/2023

Integration File: autoint1.e
 Quant Time: Nov 30 23:26:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.864	8269354	39.544 ug/ml
Spiked Amount 50.000		Recovery =	79.09%
12) S 1-chlorooctadecane (S...	13.305	6467086	41.101 ug/ml
Spiked Amount 50.000		Recovery =	82.20%
Target Compounds			
1) T n-Nonane (C9)	3.265	6619432	41.743 ug/ml
2) T n-Decane (C10)	4.509	7032209	43.915 ug/ml
3) T A~Naphthalene (C11.7)	6.203	8254840	47.389 ug/ml
4) T n-Dodecane (C12)	6.669	7549312	46.737 ug/ml
5) T A~2-methylnaphthalene...	7.298	8313421	48.955 ug/ml
6) T n-Tetradecane (C14)	8.497	8257390	51.472 ug/ml
7) T n-Hexadecane (C16)	10.106	8959742	54.107 ug/ml
8) T n-Octadecane (C18)	11.551	9463063	55.195 ug/ml
10) T n-Eicosane (C20)	12.864	9761792	56.420 ug/ml
11) T n-Heneicosane (C21)	13.475	9408711	54.692 ug/ml
13) T n-Docosane (C22)	14.063	9441185	54.756 ug/ml
14) T n-Tetracosane (C24)	15.149	19465405	111.499 ug/mlm
15) T n-Hexacosane (C26)	16.192	9385406	53.892 ug/ml
16) T n-Octacosane (C28)	17.142	9298844	53.802 ug/ml
17) T n-Tricontane (C30)	18.033	9113002	52.090 ug/ml
18) T n-Dotriacontane (C32)	18.864	9064189	49.684 ug/ml
19) T n-Tetratriacontane (C34)	19.648	8422363	50.758 ug/ml
20) T n-Hexatriacontane (C36)	20.391	7981671	50.282 ug/mlm
21) T n-Octatriacontane (C38)	21.125	7471519	47.644 ug/ml
22) T n-Tetracontane (C40)	22.028	7442226	52.368 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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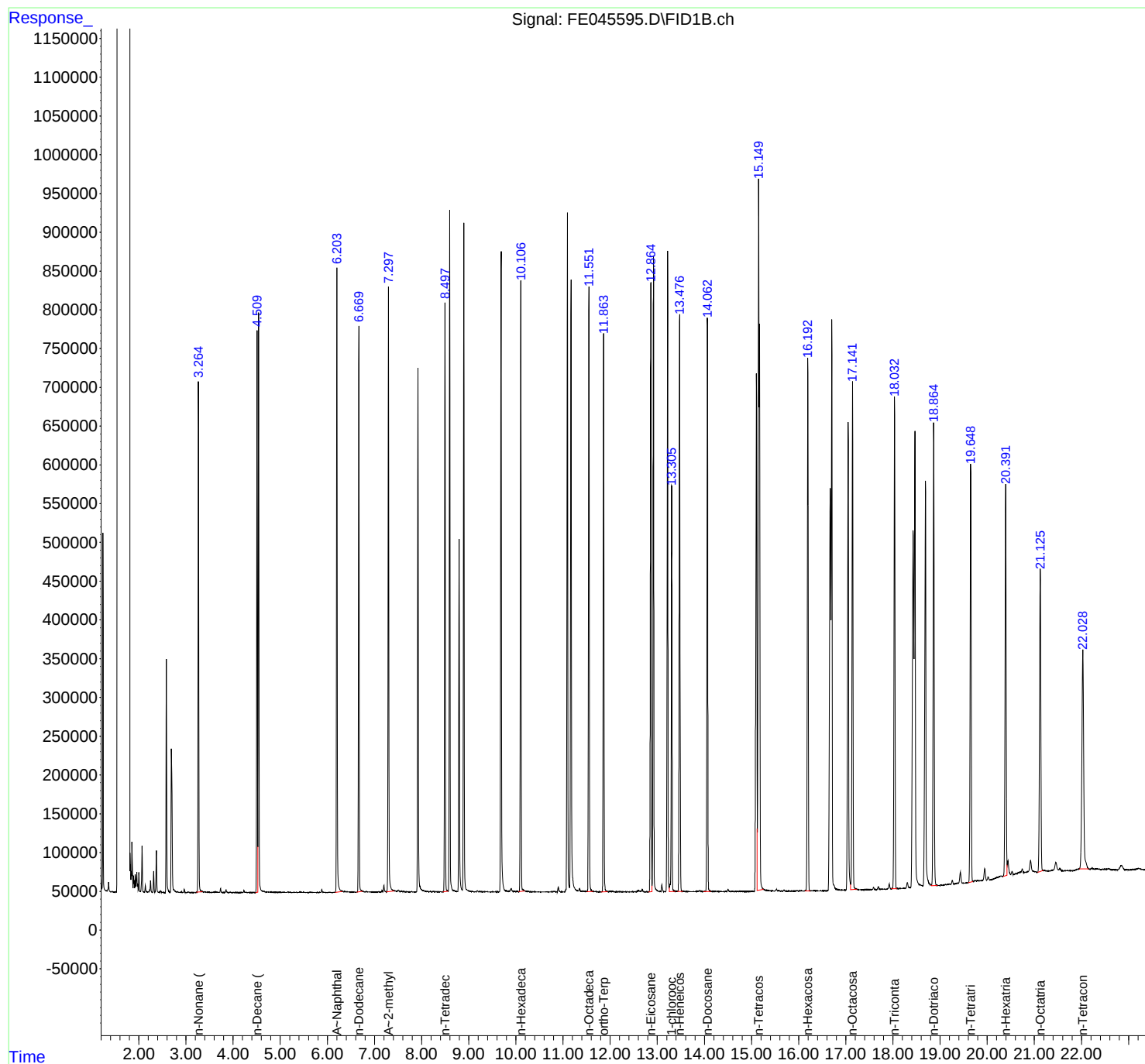
Instrument :
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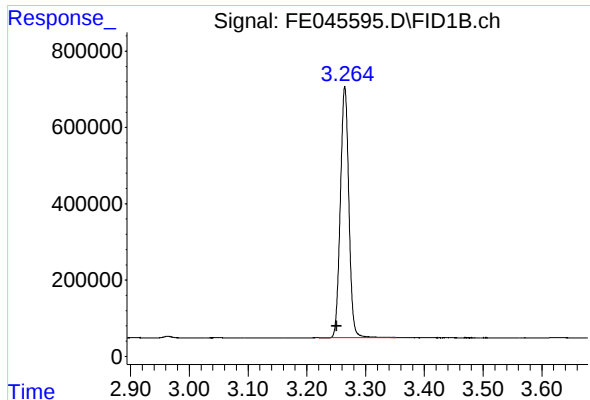
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: 0.014 min
Response: 6619432
Conc: 41.74 ug/ml

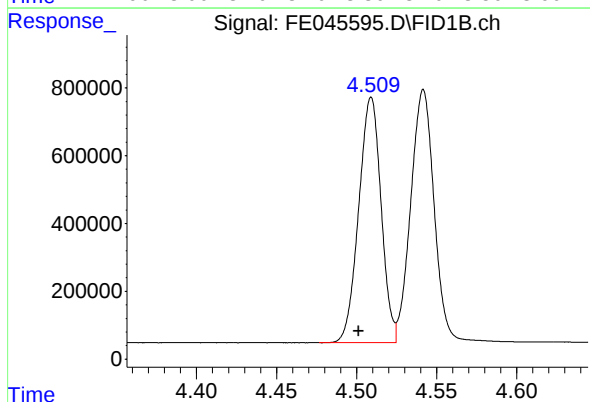
Instrument :

FID_E

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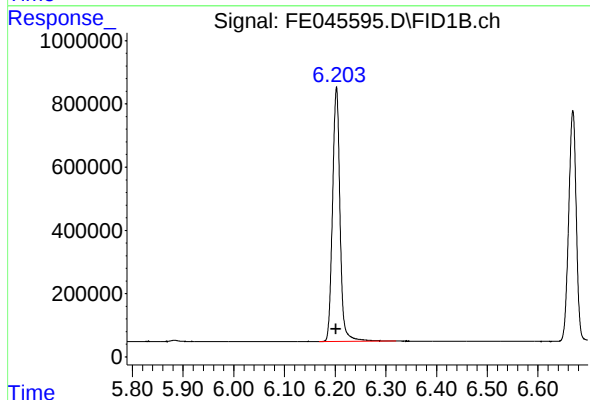
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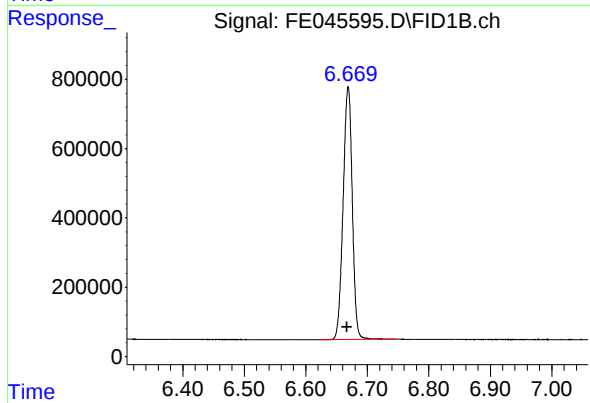
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.008 min
Response: 7032209
Conc: 43.91 ug/ml



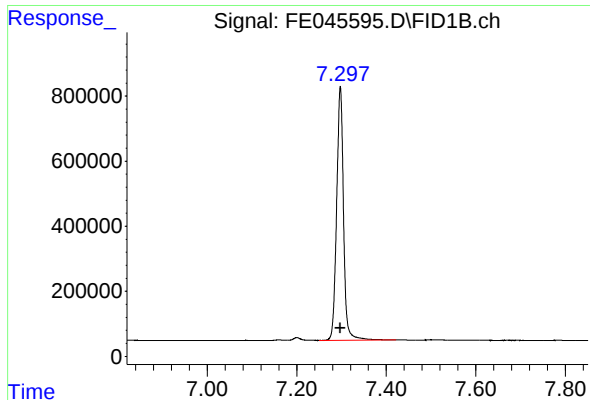
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: 0.001 min
Response: 8254840
Conc: 47.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 7549312
Conc: 46.74 ug/ml



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

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 8313421
Conc: 48.95 ug/ml

Instrument :

FID_E

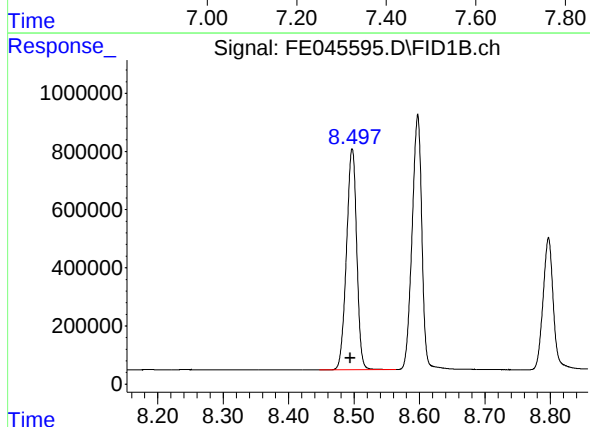
ClientSampleId :

PB157470BSD

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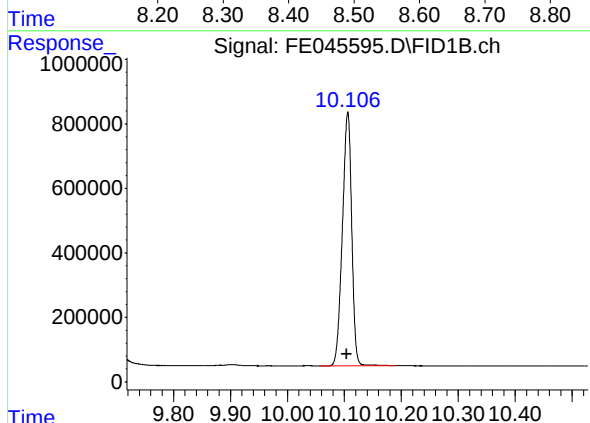
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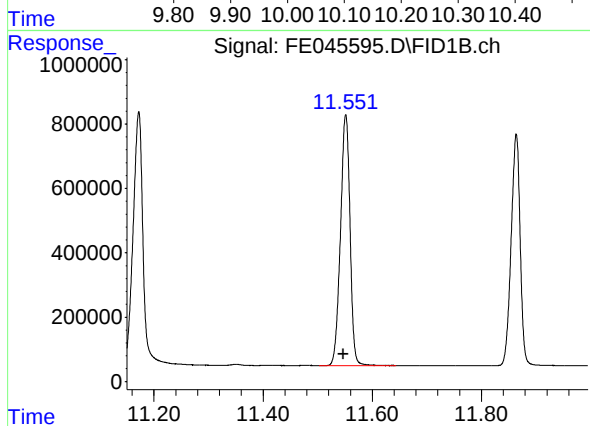
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: 0.003 min
Response: 8257390
Conc: 51.47 ug/ml



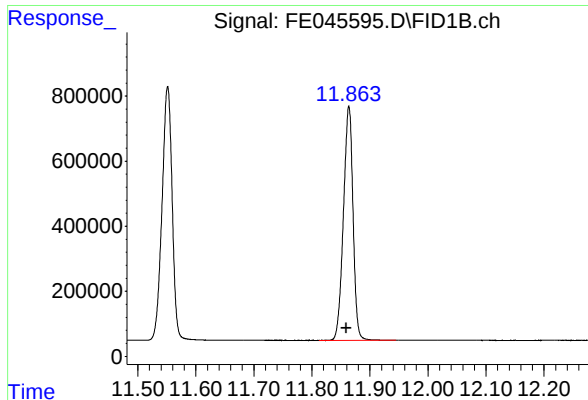
#7 n-Hexadecane (C16)

R.T.: 10.106 min
Delta R.T.: 0.002 min
Response: 8959742
Conc: 54.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: 0.004 min
Response: 9463063
Conc: 55.19 ug/ml



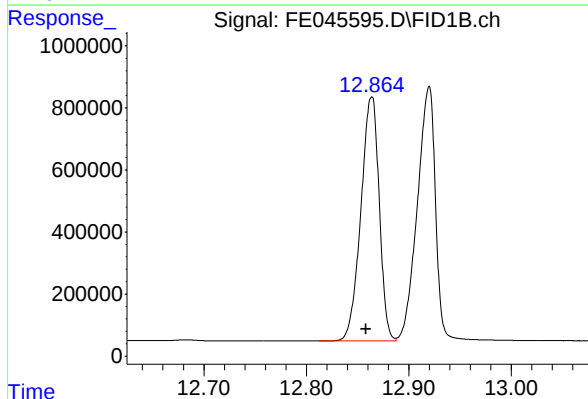
#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: 0.005 min
Response: 8269354
Conc: 39.54 ug/ml

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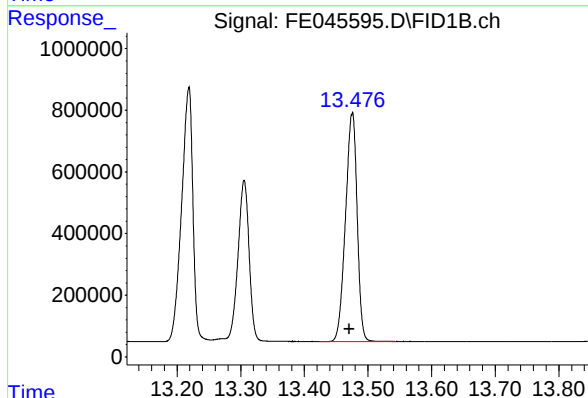
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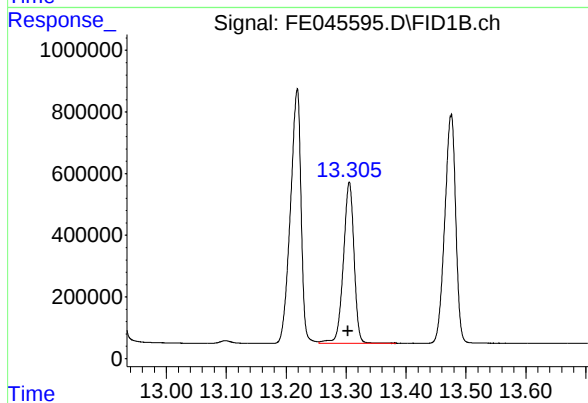
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: 0.005 min
Response: 9761792
Conc: 56.42 ug/ml



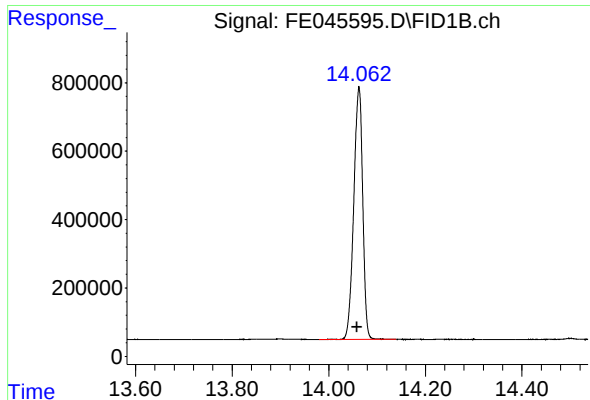
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: 0.004 min
Response: 9408711
Conc: 54.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: 0.003 min
Response: 6467086
Conc: 41.10 ug/ml



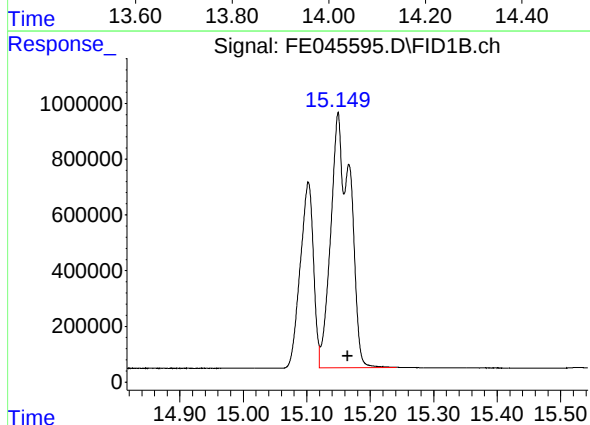
#13 n-Docosane (C22)

R.T.: 14.063 min
Delta R.T.: 0.004 min
Response: 9441185
Conc: 54.76 ug/ml

Instrument :
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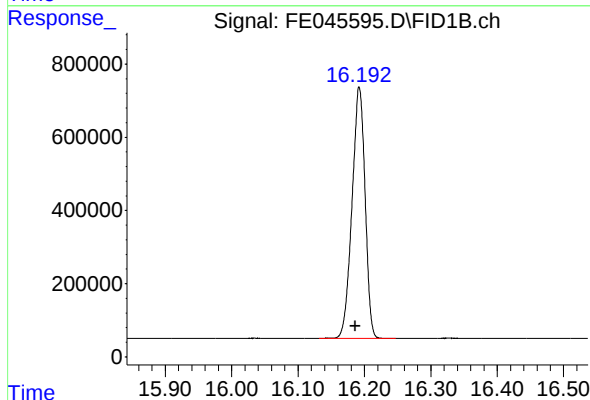
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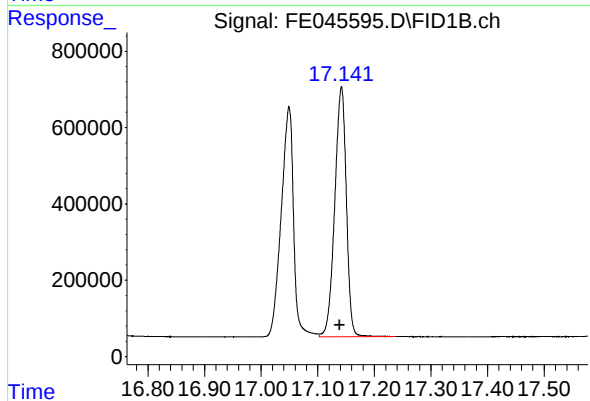
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.015 min
Response: 19465405
Conc: 111.50 ug/ml m



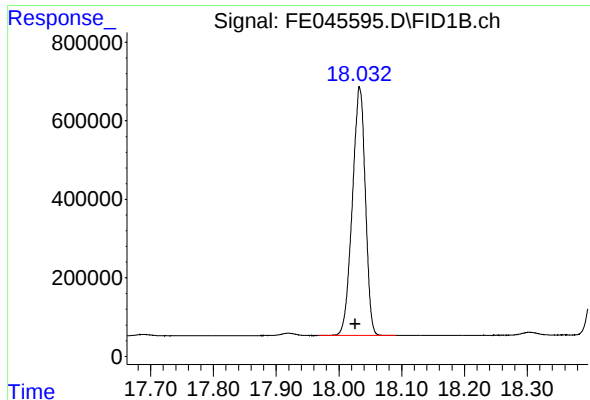
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: 0.006 min
Response: 9385406
Conc: 53.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: 0.004 min
Response: 9298844
Conc: 53.80 ug/ml



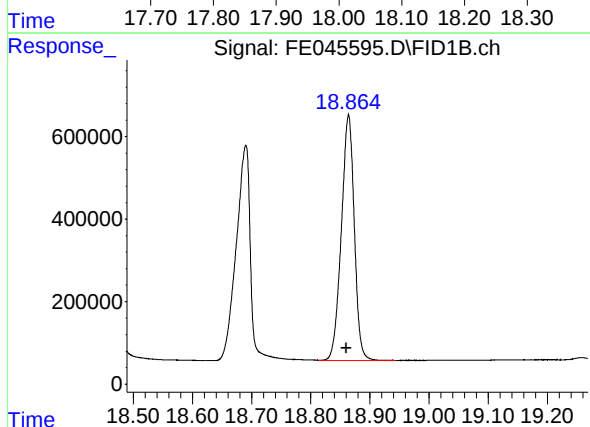
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.007 min
Response: 9113002
Conc: 52.09 ug/ml

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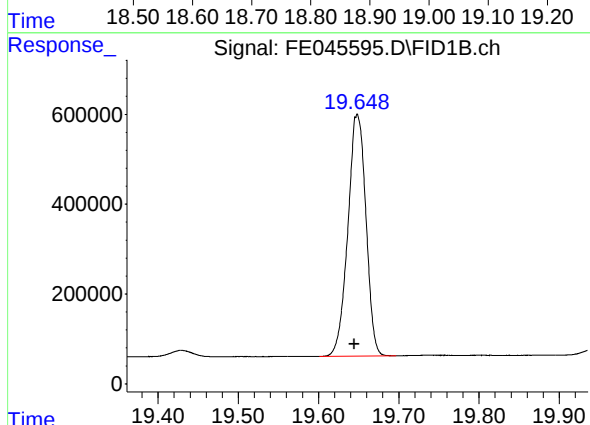
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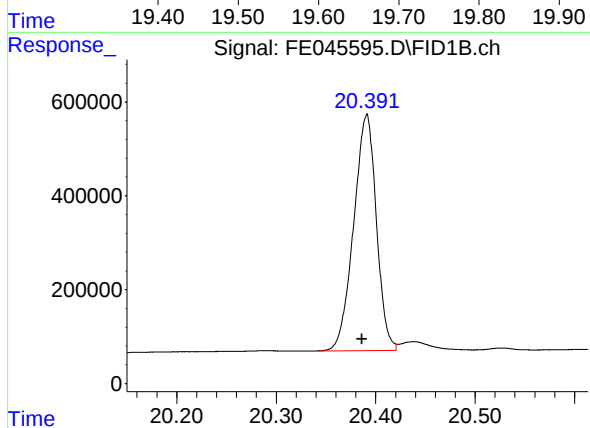
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.004 min
Response: 9064189
Conc: 49.68 ug/ml



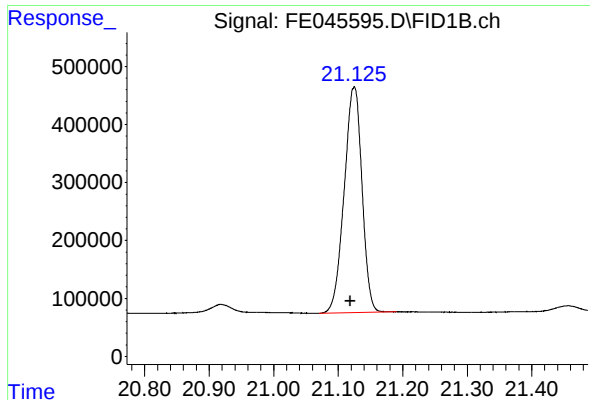
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: 0.003 min
Response: 8422363
Conc: 50.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: 0.005 min
Response: 7981671
Conc: 50.28 ug/ml m



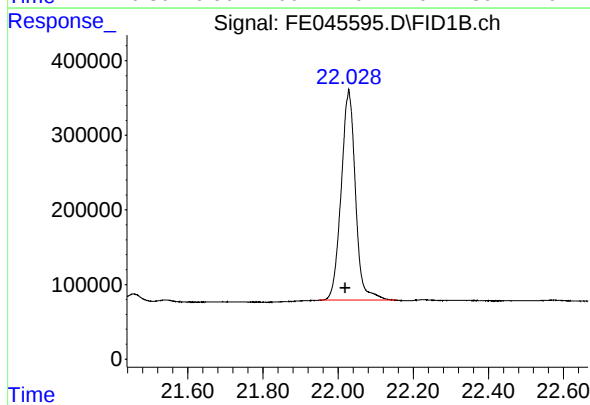
#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.006 min
Response: 7471519
Conc: 47.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: 0.009 min
Response: 7442226
Conc: 52.37 ug/ml m