

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121124AL\
 Data File : FE051622.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2024 14:17
 Operator : YP\AJ
 Sample : PB165545BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165545BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e

Quant Time: Dec 12 00:34:56 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M

Quant Title : GC Extractables

QLast Update : Mon Dec 02 14:18:35 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)	11.829	6426338	42.526 ug/ml
Spiked Amount 50.000		Recovery =	85.05%
12) S 1-chlorooctadecane (S...	13.261	5782723	51.746 ug/ml
Spiked Amount 50.000		Recovery =	103.49%
Target Compounds			
1) T n-Nonane (C9)	3.228	6819871	48.661 ug/ml
2) T n-Decane (C10)	4.471	7153197	50.443 ug/ml
3) T A~Naphthalene (C11.7)	6.179	7429255	56.200 ug/ml
4) T n-Dodecane (C12)	6.633	7414368	52.088 ug/ml
5) T A~2-methylnaphthalene...	7.274	6754093	56.301 ug/ml
6) T n-Tetradecane (C14)	8.461	7492342	53.747 ug/ml
7) T n-Hexadecane (C16)	10.066	7353877	51.758 ug/ml
8) T n-Octadecane (C18)	11.508	7366300	51.258 ug/ml
10) T n-Eicosane (C20)	12.816	7406370	53.653 ug/mlm
11) T n-Heneicosane (C21)	13.426	7126100	52.572 ug/ml
13) T n-Docosane (C22)	14.012	7019360	52.422 ug/ml
14) T n-Tetracosane (C24)	15.116	13257384	100.332 ug/mlm
15) T n-Hexacosane (C26)	16.134	6840846	52.753 ug/ml
16) T n-Octacosane (C28)	17.081	7981017	62.599 ug/ml
17) T n-Tricontane (C30)	17.969	6865969	53.026 ug/ml
18) T n-Dotriacontane (C32)	18.800	7294175	58.266 ug/mlm
19) T n-Tetratriacontane (C34)	19.583	6905984	61.147 ug/ml
20) T n-Hexatriacontane (C36)	20.322	6949305	72.158 ug/ml
21) T n-Octatriacontane (C38)	21.043	7261207	79.754 ug/ml
22) T n-Tetracontane (C40)	21.917	7563902	86.310 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1B.ch
Acq On : 11 Dec 2024 14:17
Operator : YP\AJ
Sample : PB165545BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

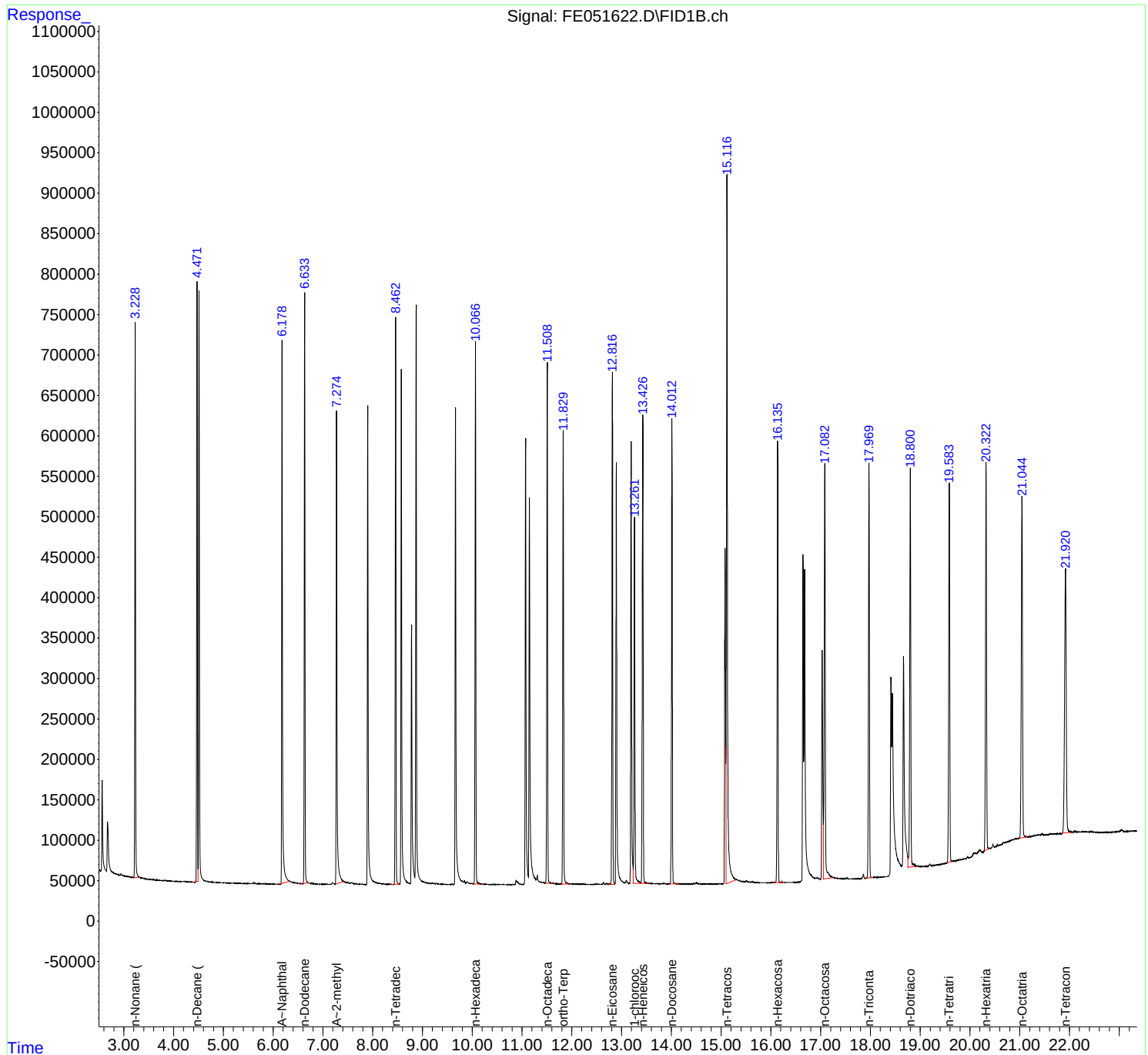
Instrument :
FID_E
ClientSampleId :
PB165545BSD

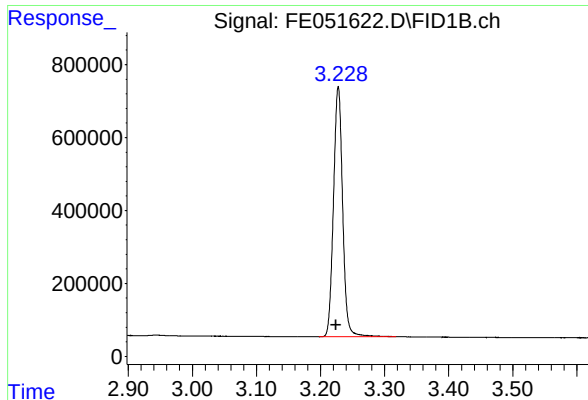
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Integration File: autoint1.e
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Quant Title : GC Extractables
QLast Update : Mon Dec 02 14:18:35 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





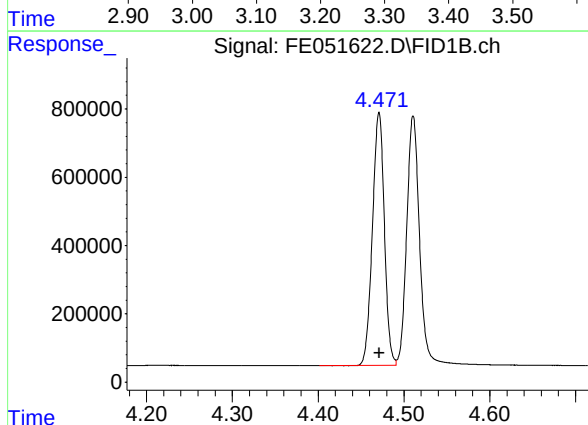
#1 n-Nonane (C9)

R.T.: 3.228 min
Delta R.T.: 0.004 min
Response: 6819871
Conc: 48.66 ug/ml

Instrument :
FID_E
ClientSampleId :
PB165545BSD

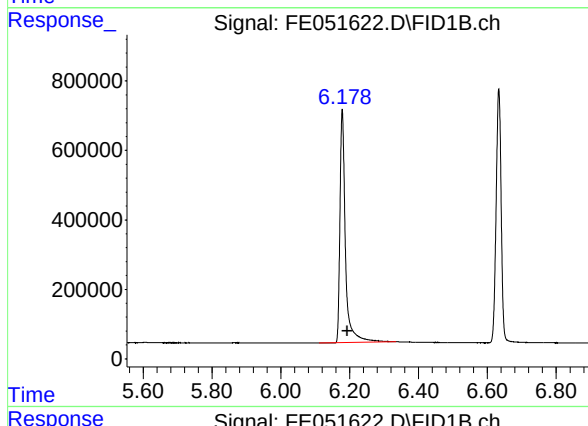
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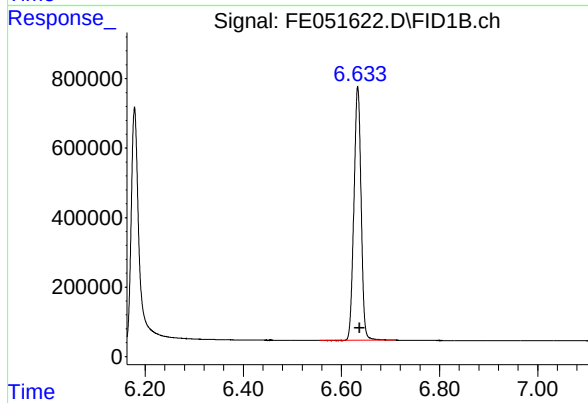
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 7153197
Conc: 50.44 ug/ml



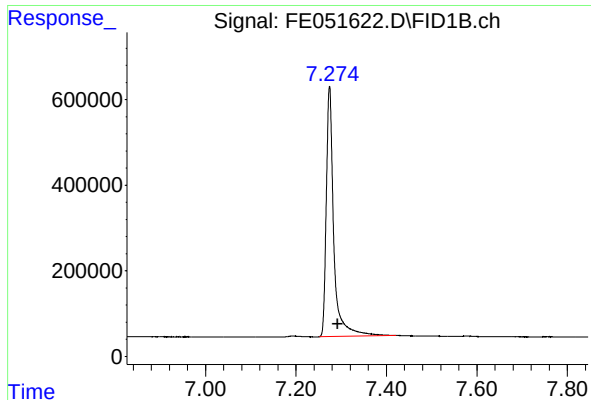
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.014 min
Response: 7429255
Conc: 56.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.633 min
Delta R.T.: -0.004 min
Response: 7414368
Conc: 52.09 ug/ml



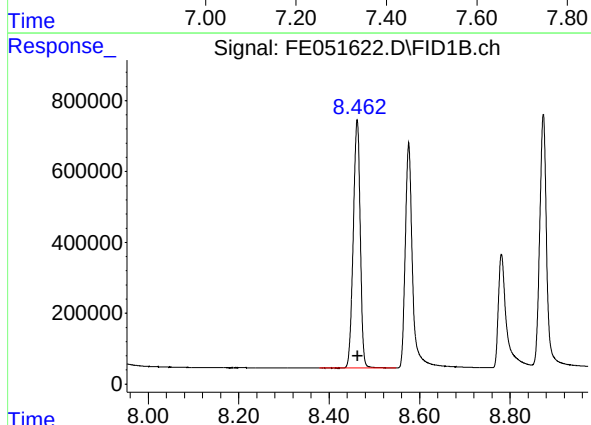
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: -0.018 min
Response: 6754093
Conc: 56.30 ug/ml

Instrument :
FID_E
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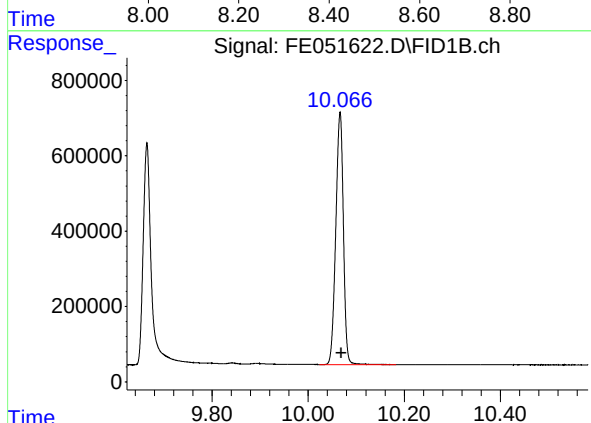
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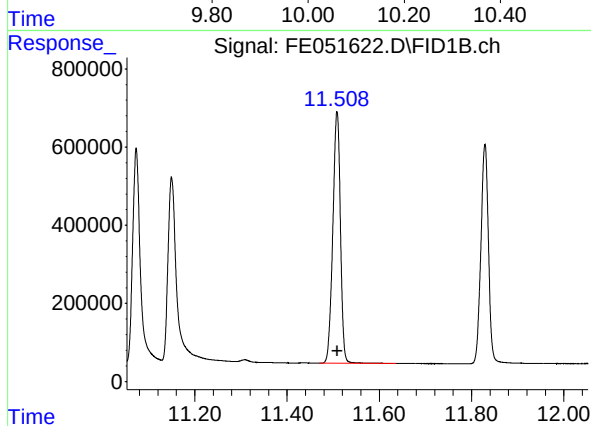
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 7492342
Conc: 53.75 ug/ml



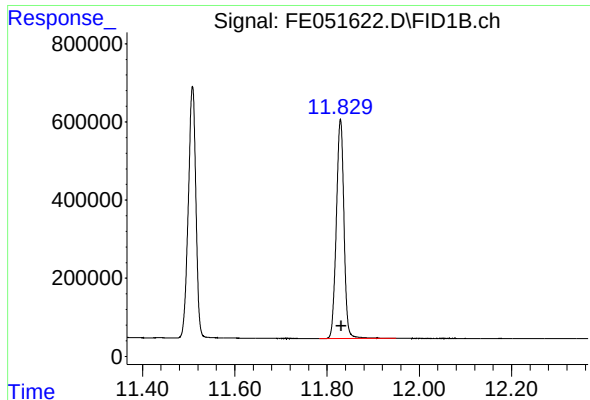
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.003 min
Response: 7353877
Conc: 51.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: -0.001 min
Response: 7366300
Conc: 51.26 ug/ml



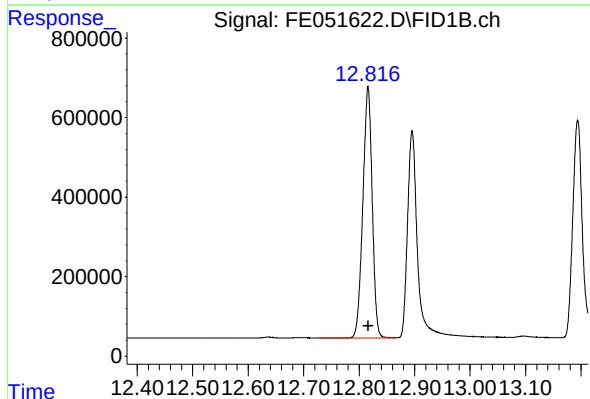
#9 ortho-Terphenyl (SURR)

R.T.: 11.829 min
Delta R.T.: -0.002 min
Response: 6426338
Conc: 42.53 ug/ml

Instrument :
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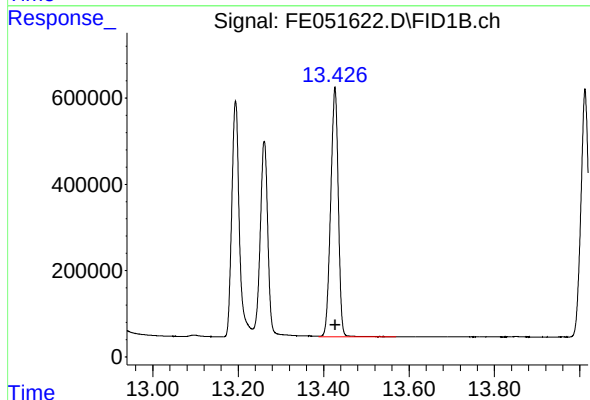
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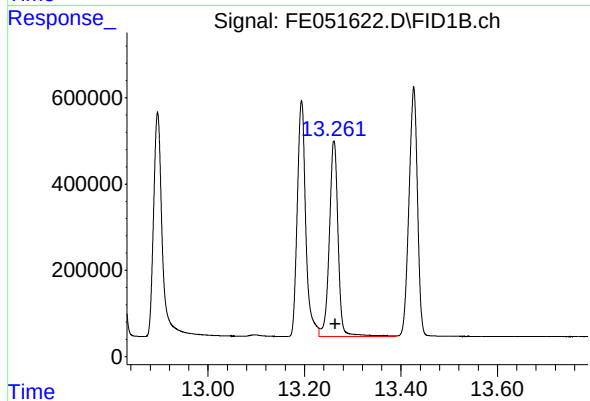
#10 n-Eicosane (C20)

R.T.: 12.816 min
Delta R.T.: -0.001 min
Response: 7406370
Conc: 53.65 ug/ml



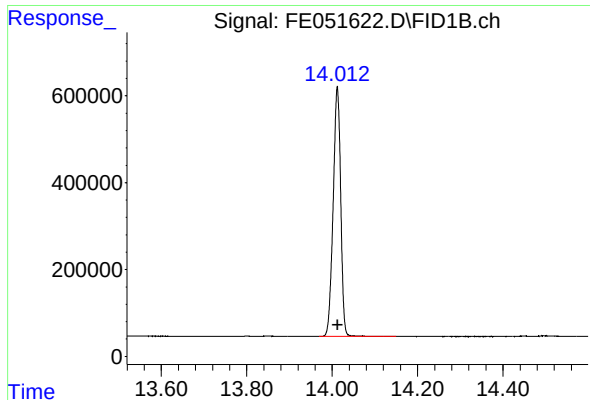
#11 n-Heneicosane (C21)

R.T.: 13.426 min
Delta R.T.: -0.002 min
Response: 7126100
Conc: 52.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.261 min
Delta R.T.: -0.003 min
Response: 5782723
Conc: 51.75 ug/ml



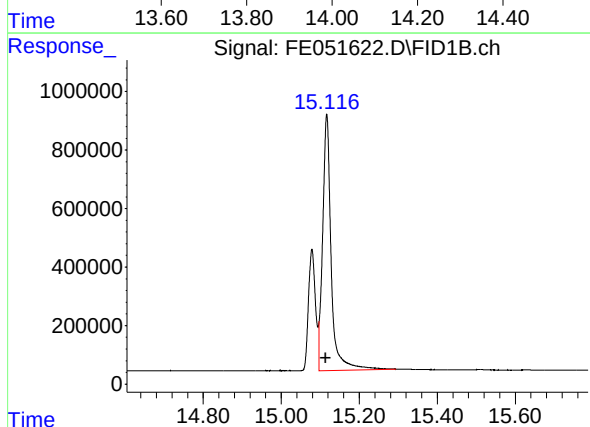
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.002 min
Response: 7019360
Conc: 52.42 ug/ml

Instrument :
FID_E
ClientSampleId :
PB165545BSD

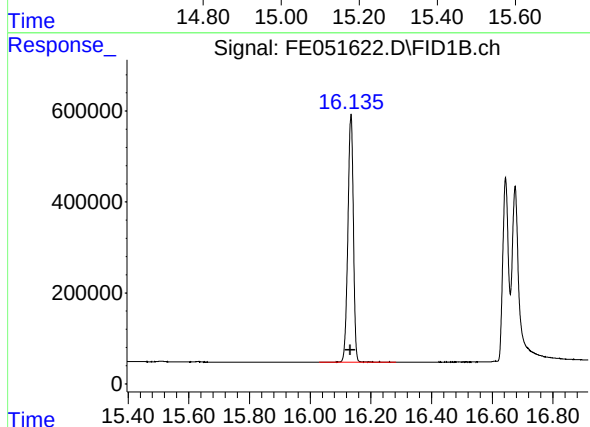
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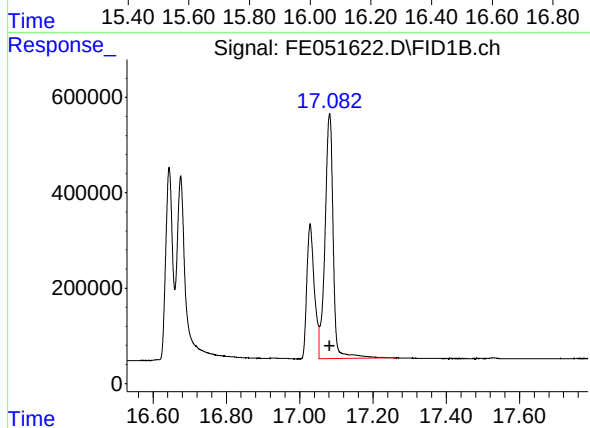
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: 0.002 min
Response: 13257384
Conc: 100.33 ug/ml m



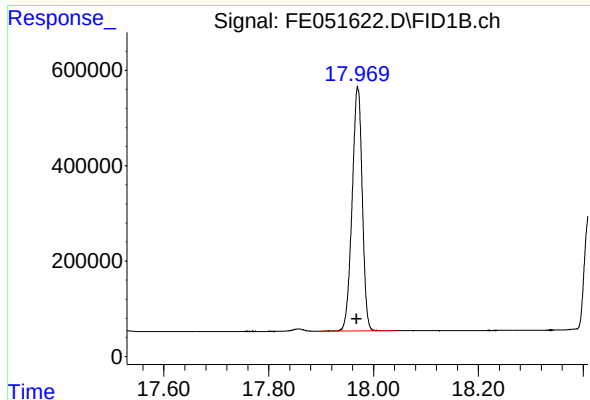
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: 0.000 min
Response: 6840846
Conc: 52.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.081 min
Delta R.T.: -0.001 min
Response: 7981017
Conc: 62.60 ug/ml



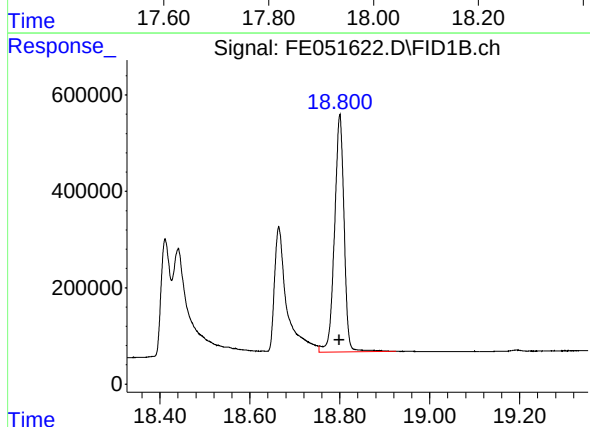
#17 n-Tricontane (C30)

R.T.: 17.969 min
Delta R.T.: 0.002 min
Response: 6865969
Conc: 53.03 ug/ml

Instrument :
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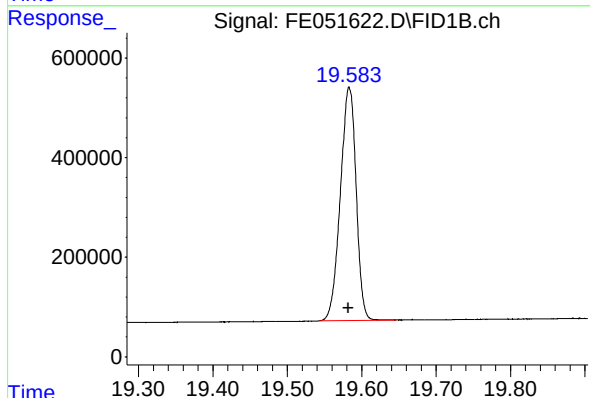
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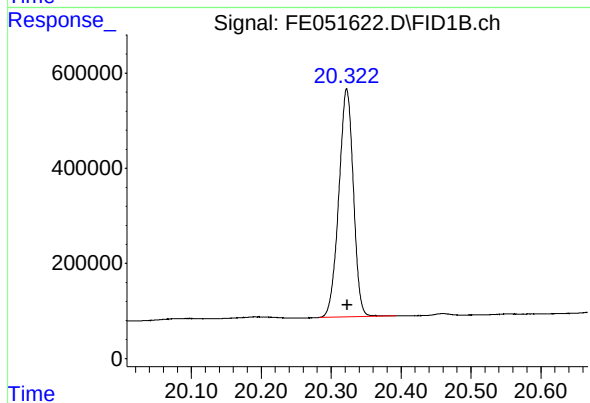
#18 n-Dotriacontane (C32)

R.T.: 18.800 min
Delta R.T.: 0.002 min
Response: 7294175
Conc: 58.27 ug/ml



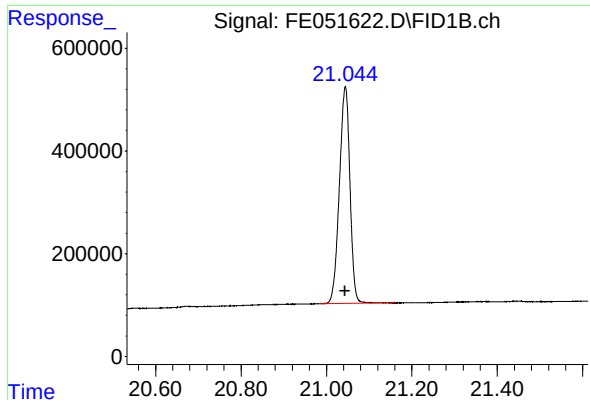
#19 n-Tetratriacontane (C34)

R.T.: 19.583 min
Delta R.T.: 0.000 min
Response: 6905984
Conc: 61.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.322 min
Delta R.T.: 0.000 min
Response: 6949305
Conc: 72.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.043 min
Delta R.T.: 0.000 min
Response: 7261207
Conc: 79.75 ug/ml

Instrument :

FID_E

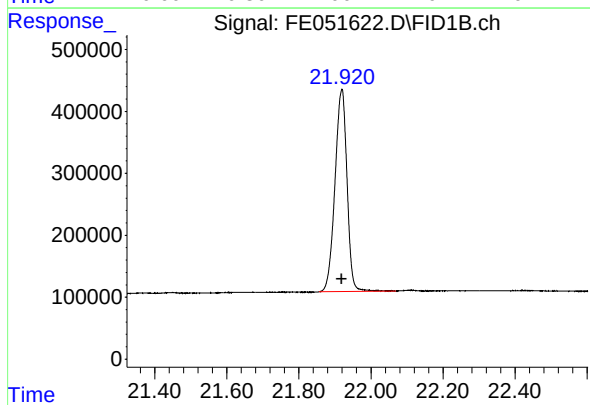
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#22 n-Tetracontane (C40)

R.T.: 21.917 min
Delta R.T.: -0.002 min
Response: 7563902
Conc: 86.31 ug/ml