

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
 Data File : FE050276.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2024 09:32
 Operator : YP\AJ
 Sample : P4126-01MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

NB-08-09192024MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/23/2024

Supervised By :Ankita Jodhani 09/23/2024

Integration File: autoint1.e

Quant Time: Sep 23 00:43:57 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 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)	11.871	5778919	38.842 ug/ml
Spiked Amount 50.000		Recovery =	77.68%
12) S 1-chlorooctadecane (S...	13.305	4865044	43.311 ug/ml
Spiked Amount 50.000		Recovery =	86.62%
Target Compounds			
1) T n-Nonane (C9)	3.259	4249283	31.349 ug/mlm
2) T n-Decane (C10)	4.510	4820165	34.926 ug/ml
3) T A~Naphthalene (C11.7)	6.218	5455802	38.979 ug/ml
4) T n-Dodecane (C12)	6.677	5325810	38.514 ug/ml
5) T A~2-methylnaphthalene...	7.314	5212039	39.654 ug/ml
6) T n-Tetradecane (C14)	8.506	6321377	46.422 ug/ml
7) T n-Hexadecane (C16)	10.111	6748279	48.583 ug/ml
8) T n-Octadecane (C18)	11.553	6841676	48.834 ug/ml
10) T n-Eicosane (C20)	12.861	6785676	50.585 ug/ml
11) T n-Heneicosane (C21)	13.471	6643923	50.564 ug/ml
13) T n-Docosane (C22)	14.057	6467973	49.671 ug/ml
14) T n-Tetracosane (C24)	15.155	12399295	94.948 ug/ml
15) T n-Hexacosane (C26)	16.179	6251168	48.860 ug/ml
16) T n-Octacosane (C28)	17.127	7093043	55.066 ug/ml
17) T n-Tricontane (C30)	18.015	6710588	50.183 ug/ml
18) T n-Dotriacontane (C32)	18.846	6687218	50.183 ug/ml
19) T n-Tetratriacontane (C34)	19.630	7041058	56.984 ug/ml
20) T n-Hexatriacontane (C36)	20.369	7028819	63.351 ug/ml
21) T n-Octatriacontane (C38)	21.095	7278452	66.000 ug/ml
22) T n-Tetracontane (C40)	21.988	6492116	59.662 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P4126-01MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

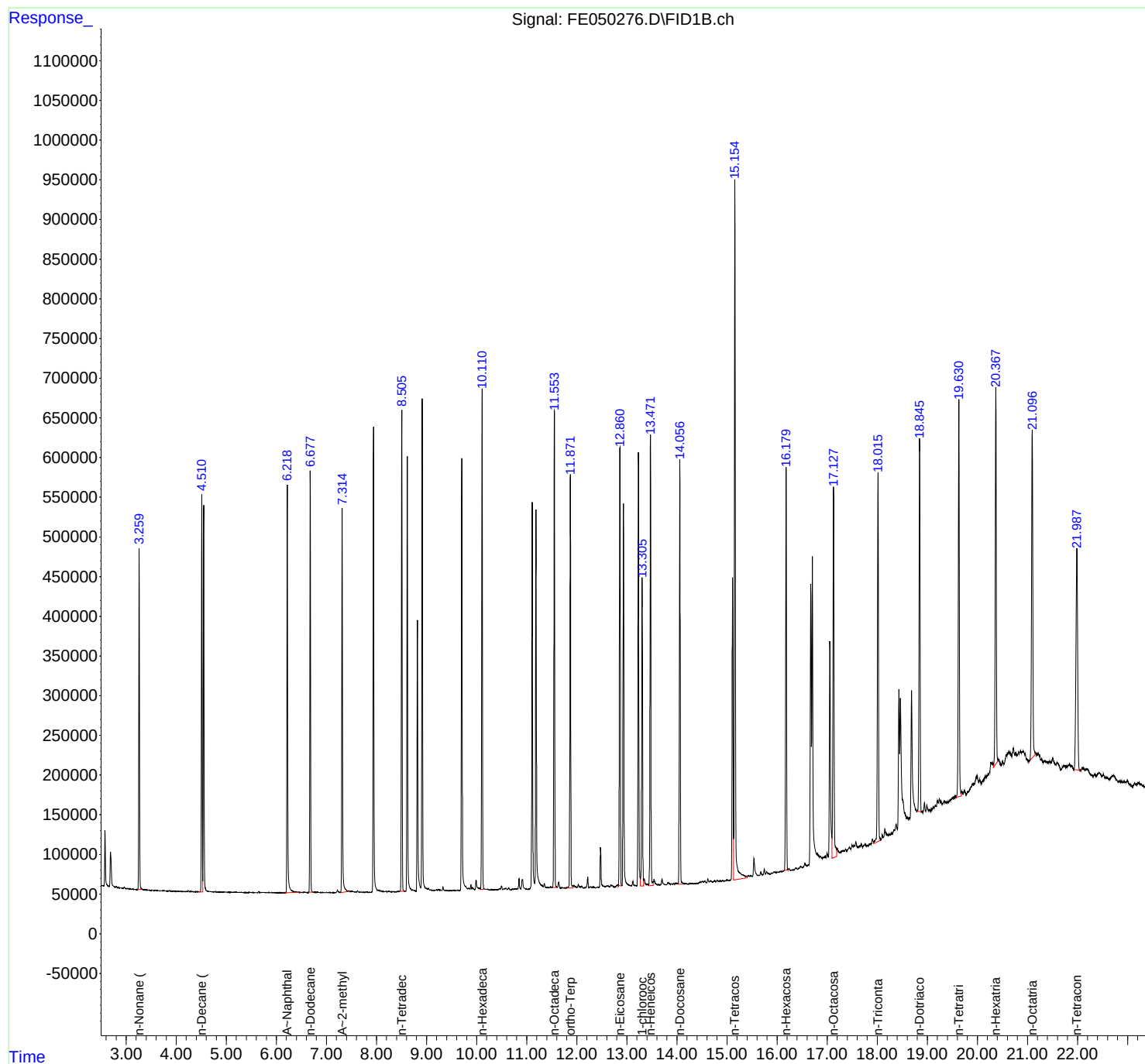
Instrument :
FID_E
ClientSampleId :
NB-08-09192024MSD

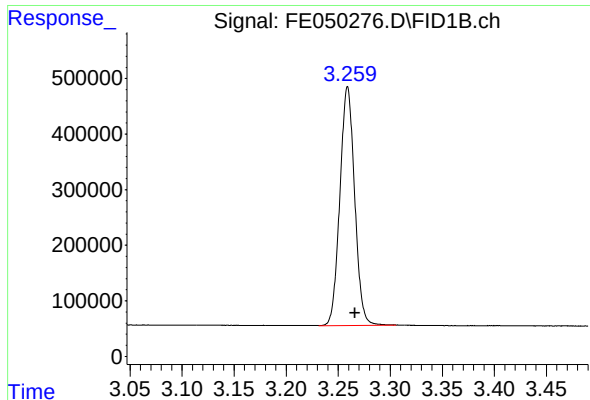
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial 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.: 3.259 min
Delta R.T.: -0.007 min
Response: 4249283
Conc: 31.35 ug/ml

Instrument :

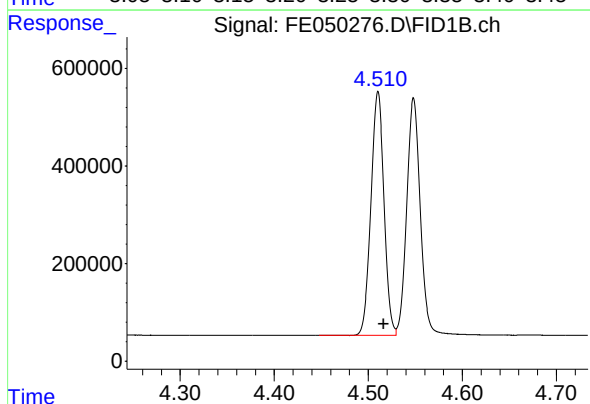
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ClientSampleId :

NB-08-09192024MSD

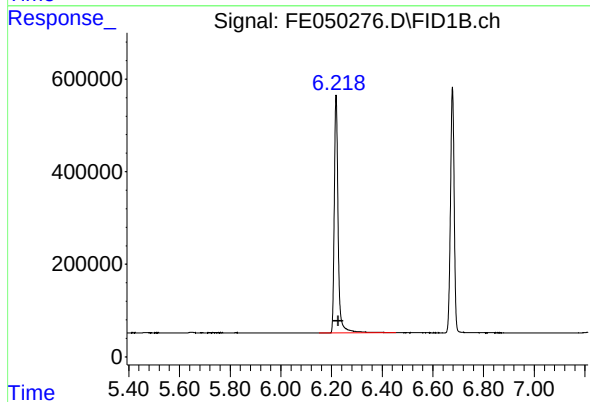
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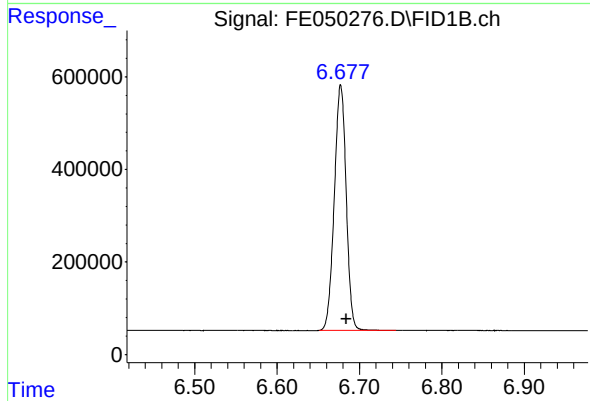
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.006 min
Response: 4820165
Conc: 34.93 ug/ml



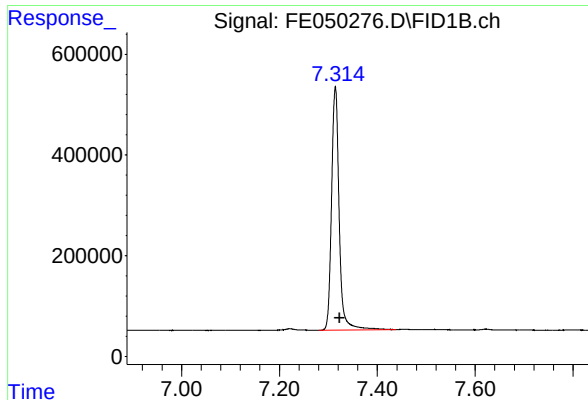
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: -0.009 min
Response: 5455802
Conc: 38.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 5325810
Conc: 38.51 ug/ml



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

R.T.: 7.314 min
Delta R.T.: -0.009 min
Response: 5212039
Conc: 39.65 ug/ml

Instrument :

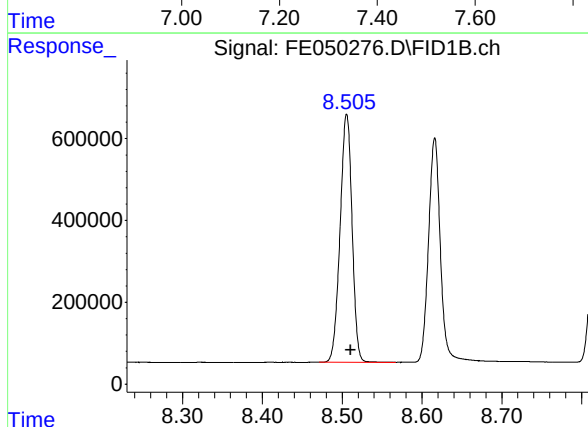
FID_E

ClientSampleId :

NB-08-09192024MSD

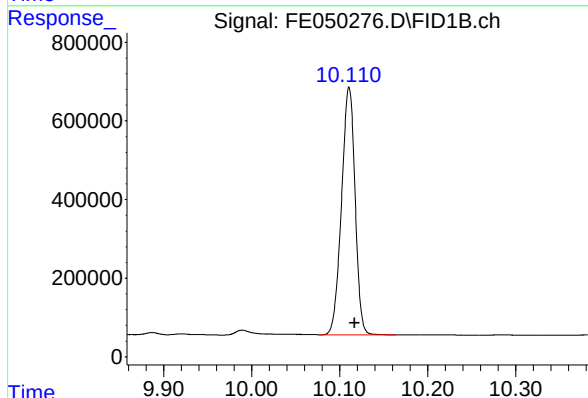
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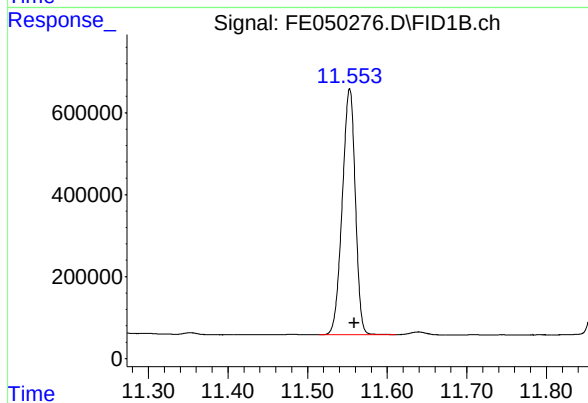
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: -0.005 min
Response: 6321377
Conc: 46.42 ug/ml



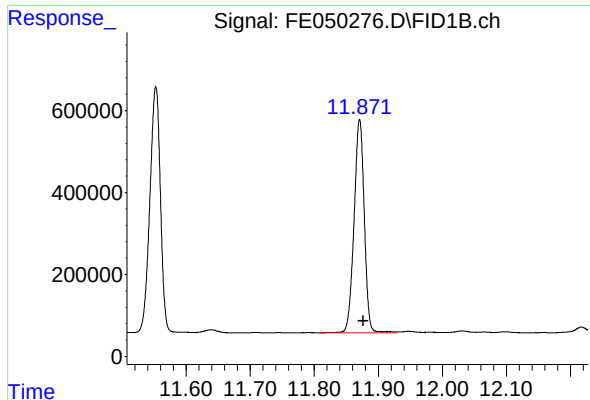
#7 n-Hexadecane (C16)

R.T.: 10.111 min
Delta R.T.: -0.006 min
Response: 6748279
Conc: 48.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.553 min
Delta R.T.: -0.006 min
Response: 6841676
Conc: 48.83 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: -0.006 min
Response: 5778919
Conc: 38.84 ug/ml

Instrument :

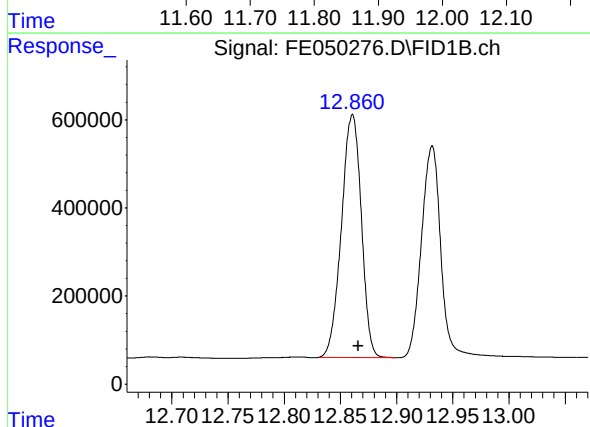
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ClientSampleId :

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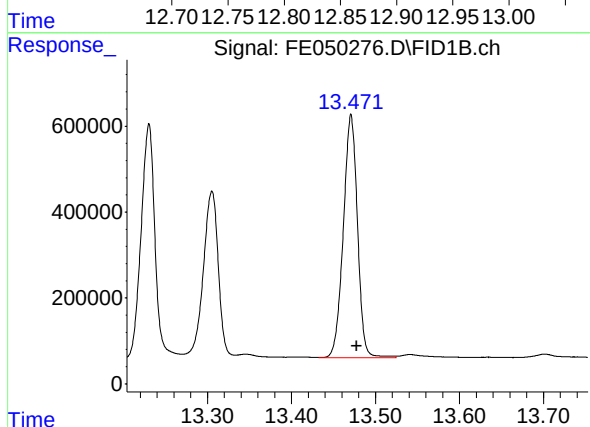
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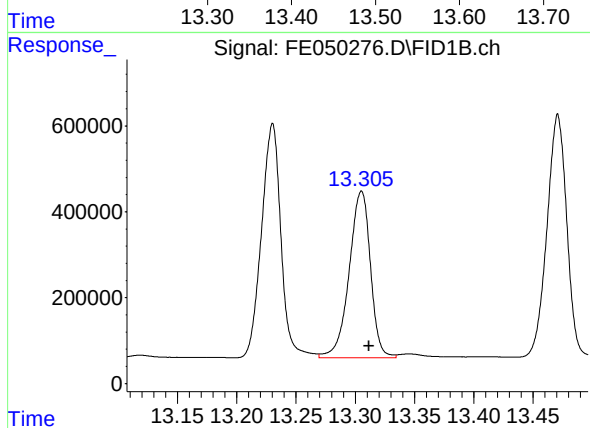
#10 n-Eicosane (C20)

R.T.: 12.861 min
Delta R.T.: -0.005 min
Response: 6785676
Conc: 50.58 ug/ml



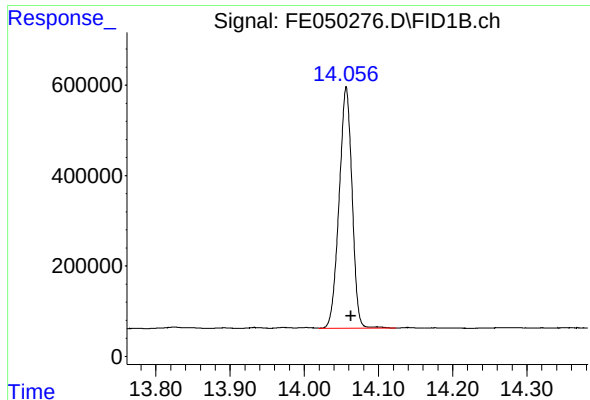
#11 n-Heneicosane (C21)

R.T.: 13.471 min
Delta R.T.: -0.006 min
Response: 6643923
Conc: 50.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: -0.007 min
Response: 4865044
Conc: 43.31 ug/ml



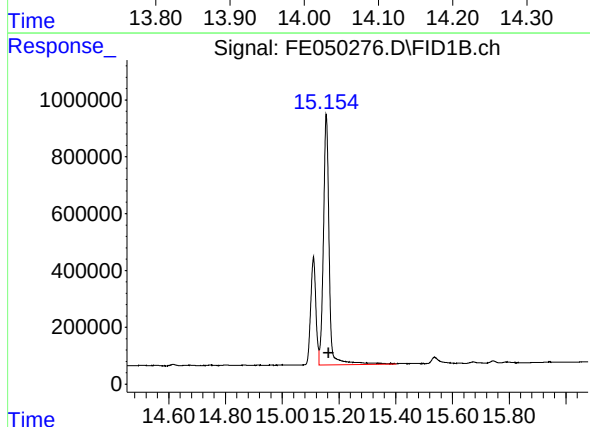
#13 n-Docosane (C22)

R.T.: 14.057 min
Delta R.T.: -0.006 min
Response: 6467973
Conc: 49.67 ug/ml

Instrument :
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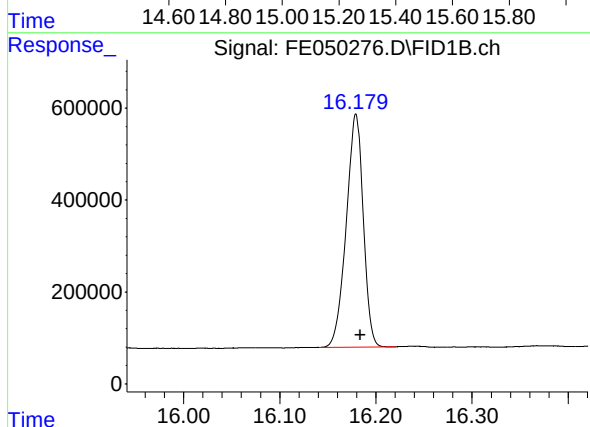
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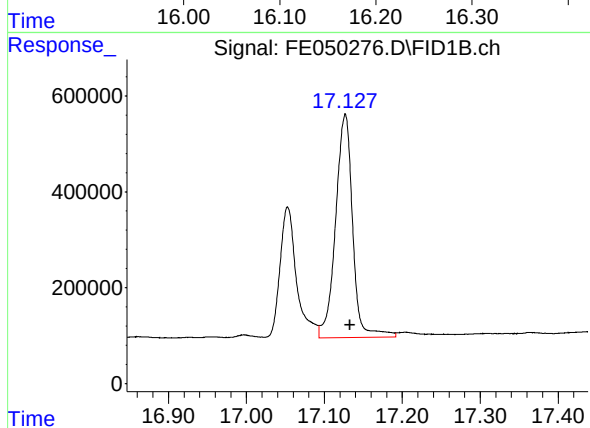
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: -0.009 min
Response: 12399295
Conc: 94.95 ug/ml



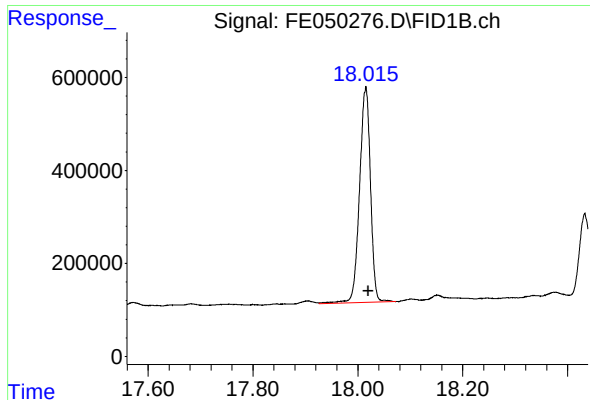
#15 n-Hexacosane (C26)

R.T.: 16.179 min
Delta R.T.: -0.005 min
Response: 6251168
Conc: 48.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.127 min
Delta R.T.: -0.007 min
Response: 7093043
Conc: 55.07 ug/ml



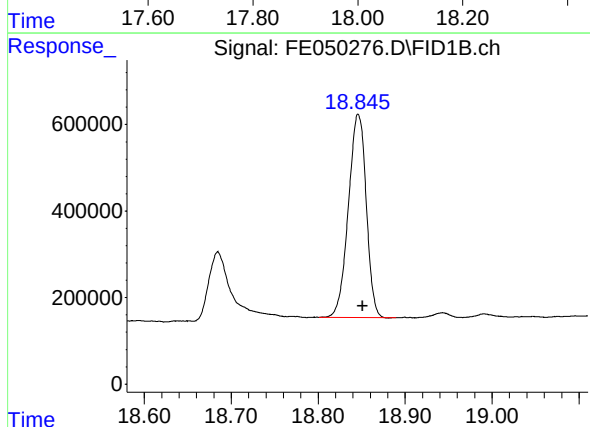
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.005 min
Response: 6710588
Conc: 50.18 ug/ml

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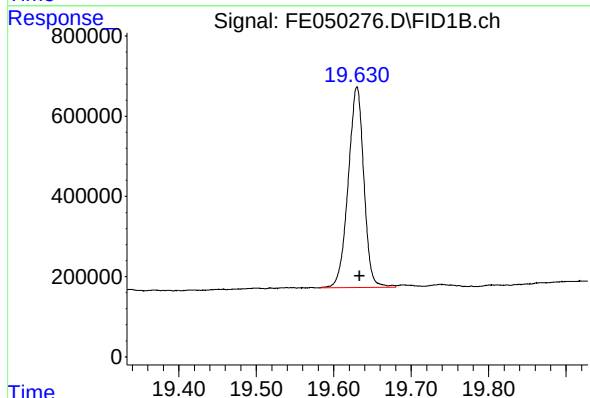
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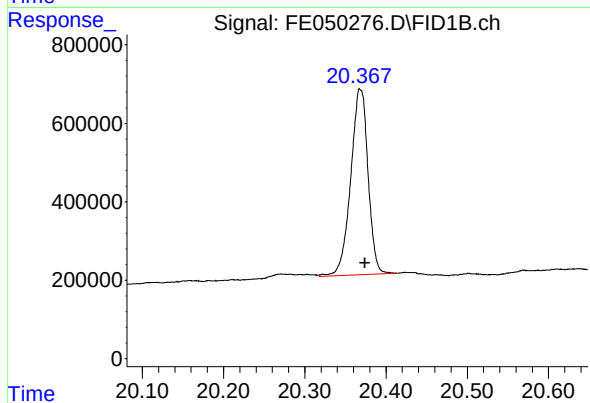
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.005 min
Response: 6687218
Conc: 50.18 ug/ml



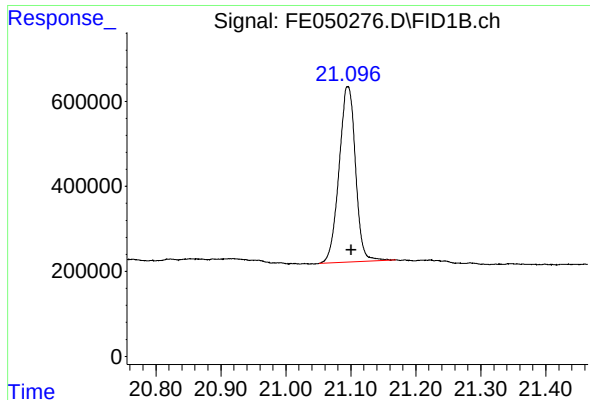
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.004 min
Response: 7041058
Conc: 56.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.369 min
Delta R.T.: -0.005 min
Response: 7028819
Conc: 63.35 ug/ml



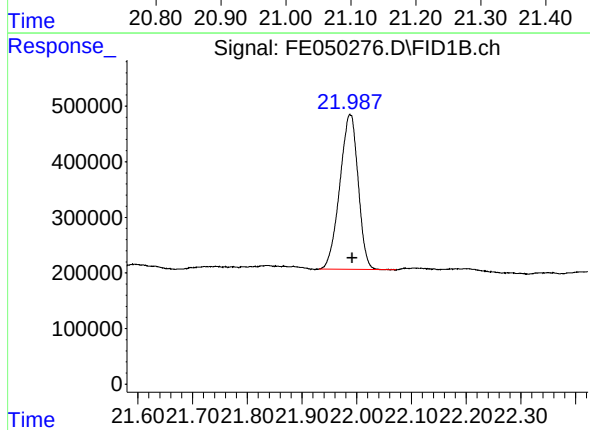
#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.005 min
Response: 7278452
Conc: 66.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.004 min
Response: 6492116
Conc: 59.66 ug/ml