

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093024AL\
 Data File : FE050437.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2024 16:01
 Operator : YP\AJ
 Sample : PP23712
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PP23712

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :Ankita Jodhani 10/01/2024

Integration File: autoint1.e

Quant Time: Oct 01 02:06:17 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			
12) S 1-chlorooctadecane (S...	13.235f	12489533	111.189 ug/mlm
Spiked Amount 50.000		Recovery =	222.38%
Target Compounds			
1) T n-Nonane (C9)	3.280	12405866	91.525 ug/ml
2) T n-Decane (C10)	4.520	12577746	91.136 ug/ml
3) T A~Naphthalene (C11.7)	6.221	13740971	98.172 ug/ml
4) T n-Dodecane (C12)	6.678	12526314	90.584 ug/ml
5) T A~2-methylnaphthalene...	7.316	12431280	94.579 ug/ml
6) T n-Tetradecane (C14)	8.507	12726566	93.460 ug/ml
7) T n-Hexadecane (C16)	10.111	12642763	91.019 ug/ml
8) T n-Octadecane (C18)	11.552	12672005	90.448 ug/ml
10) T n-Eicosane (C20)	12.862	12723414	94.849 ug/ml
11) T n-Heneicosane (C21)	13.472	12400860	94.377 ug/ml
13) T n-Docosane (C22)	14.057	12295873	94.426 ug/ml
14) T n-Tetracosane (C24)	15.160	24603714	188.404 ug/ml
15) T n-Hexacosane (C26)	16.182	12102508	94.596 ug/ml
16) T n-Octacosane (C28)	17.127	13847554	107.504 ug/ml
17) T n-Tricontane (C30)	18.015	12592295	94.168 ug/ml
18) T n-Dotriacontane (C32)	18.847	12779724	95.903 ug/ml
19) T n-Tetratriacontane (C34)	19.629	13208777	106.901 ug/ml
20) T n-Hexatriacontane (C36)	20.368	13247515	119.401 ug/ml
21) T n-Octatriacontane (C38)	21.095	13473804	122.179 ug/mlm
22) T n-Tetracontane (C40)	21.985	12896926	118.522 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PP23712
Misc :
ALS Vial : 21 Sample Multiplier: 1

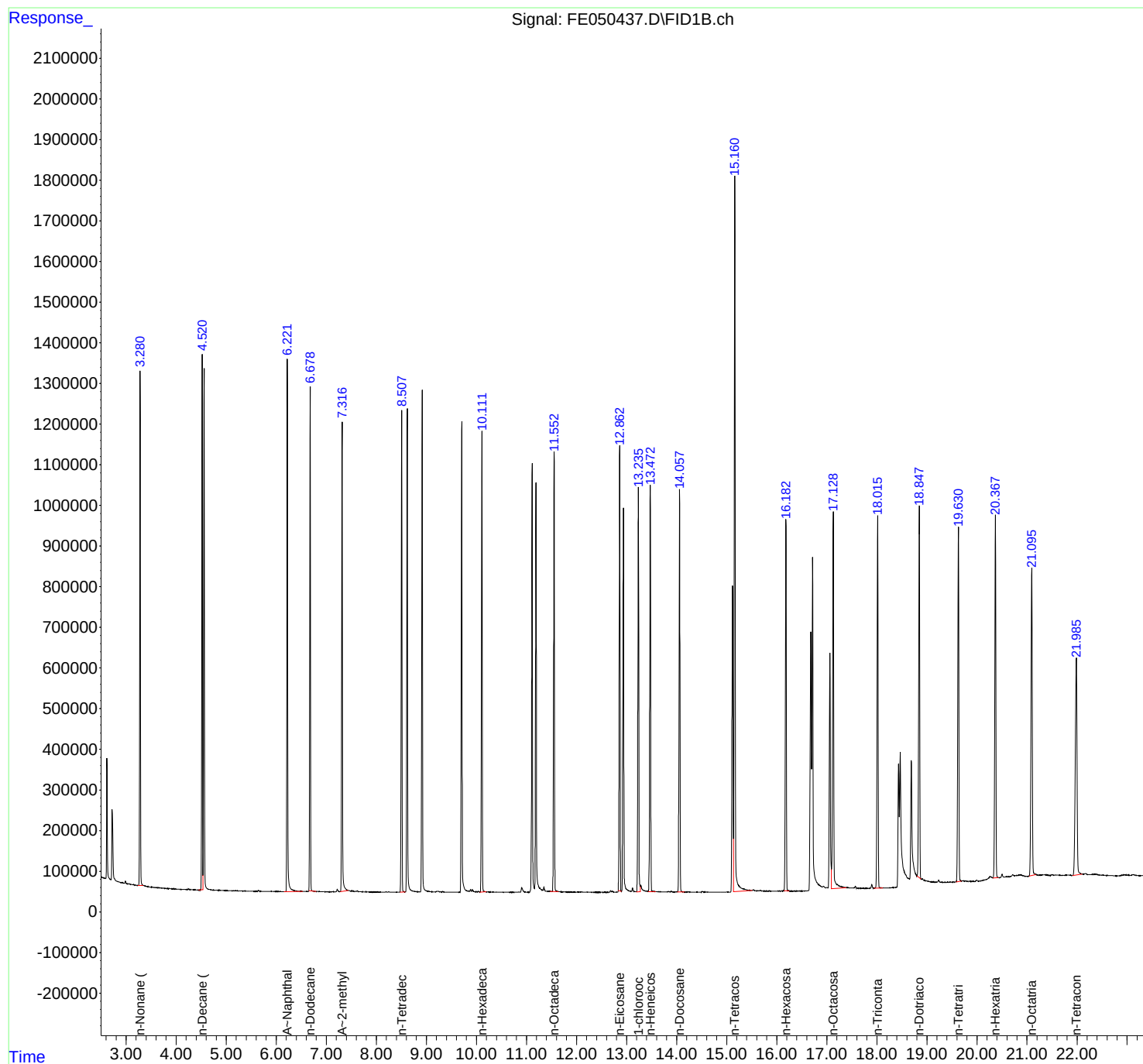
Instrument :
FID_E
ClientSampleId :
PP23712

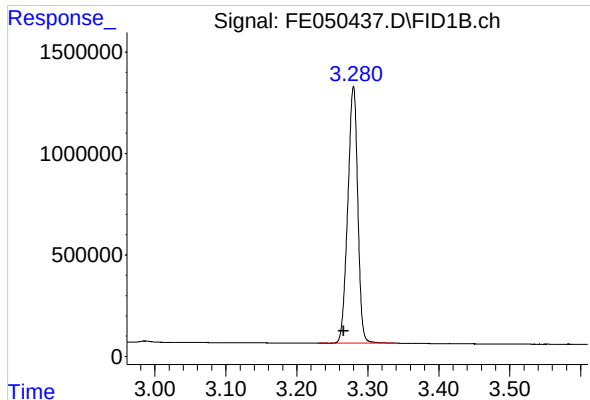
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Integration File: autoint1.e
Quant Time: Oct 01 02:06:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





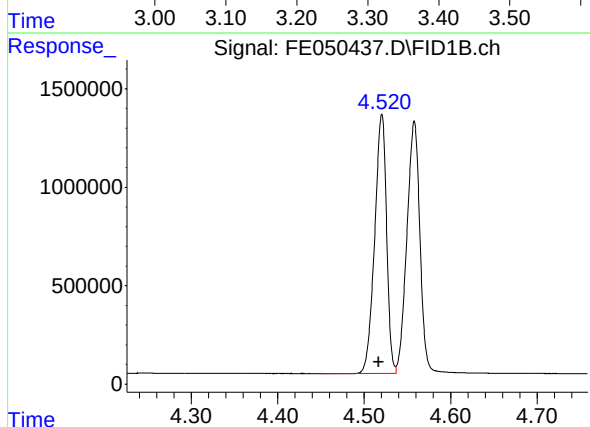
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.014 min
Response: 12405866
Conc: 91.53 ug/ml

Instrument :
FID_E
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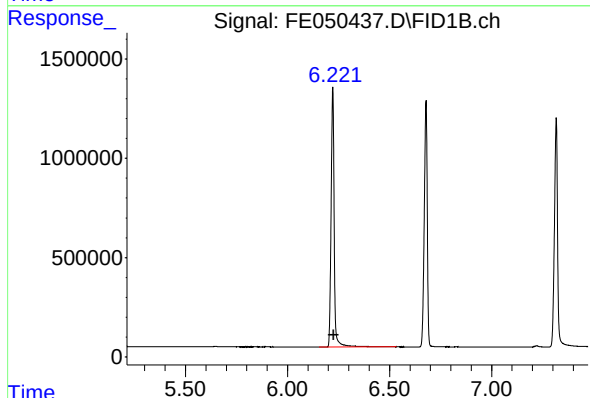
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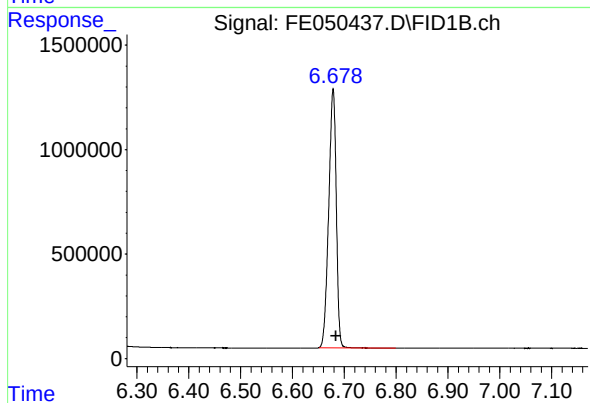
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.004 min
Response: 12577746
Conc: 91.14 ug/ml



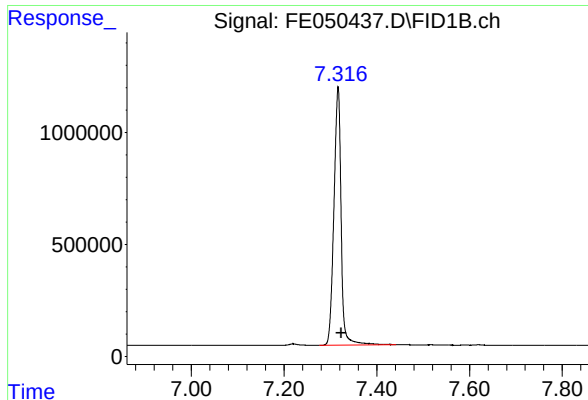
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.006 min
Response: 13740971
Conc: 98.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.678 min
Delta R.T.: -0.006 min
Response: 12526314
Conc: 90.58 ug/ml



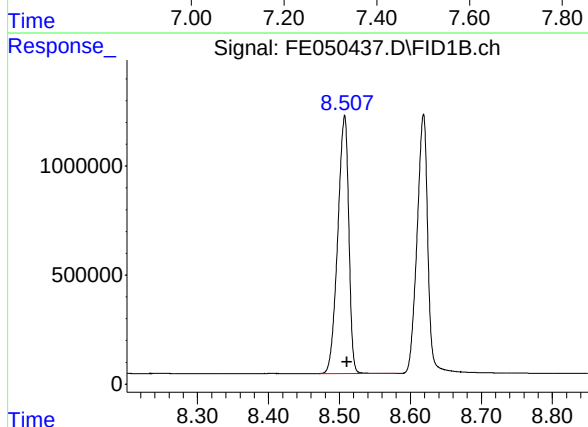
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.316 min
Delta R.T.: -0.007 min
Response: 12431280
Conc: 94.58 ug/ml

Instrument :
FID_E
ClientSampleId :
PP23712

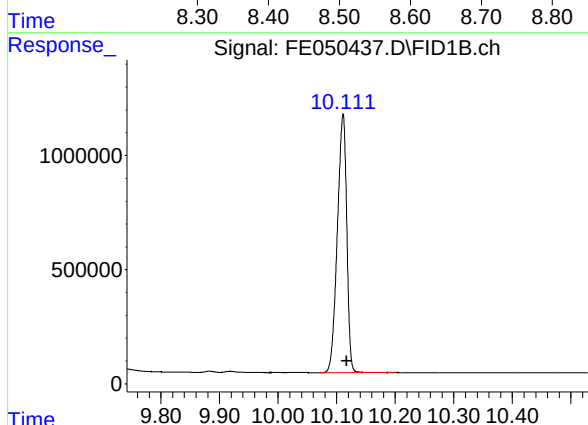
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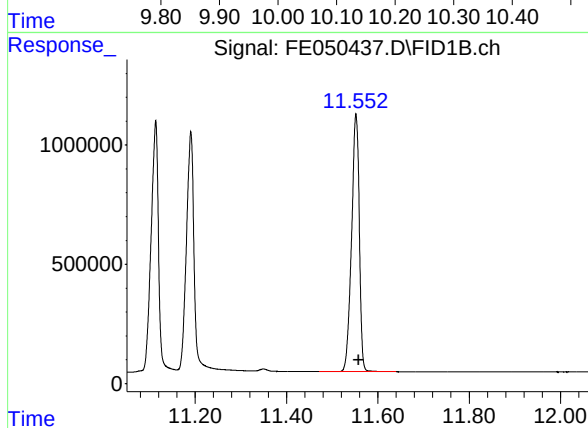
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 12726566
Conc: 93.46 ug/ml



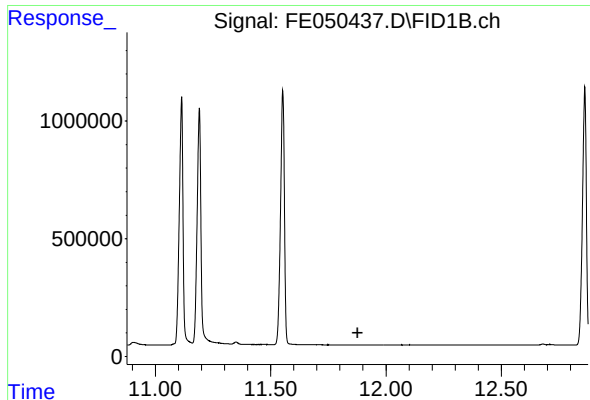
#7 n-Hexadecane (C16)

R.T.: 10.111 min
Delta R.T.: -0.006 min
Response: 12642763
Conc: 91.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.552 min
Delta R.T.: -0.006 min
Response: 12672005
Conc: 90.45 ug/ml



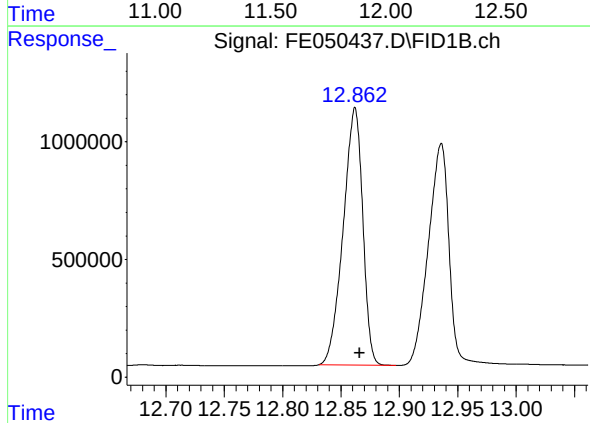
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.876 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
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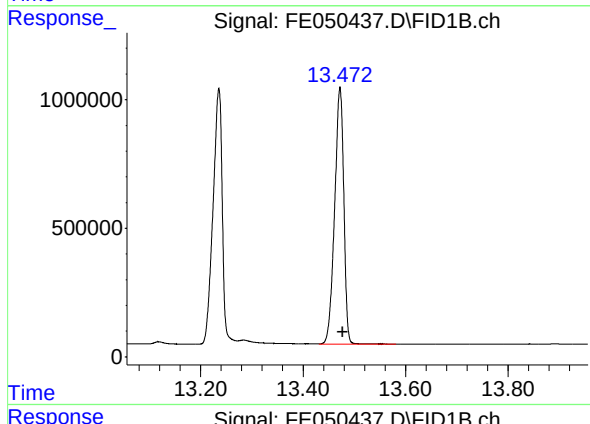
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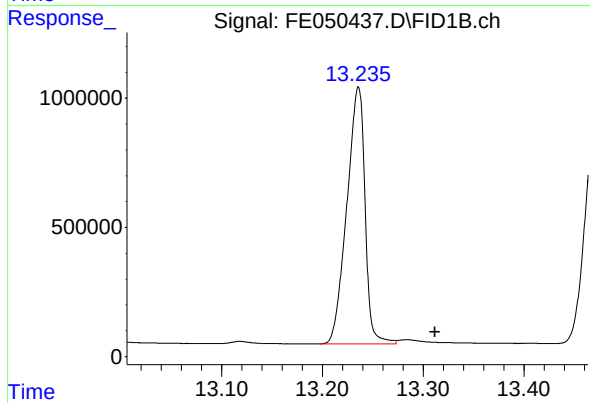
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: -0.004 min
Response: 12723414
Conc: 94.85 ug/ml



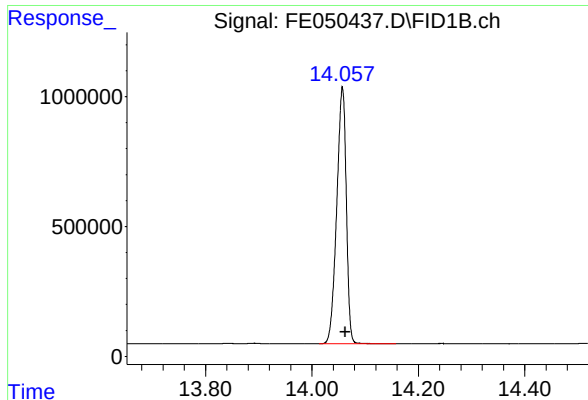
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: -0.005 min
Response: 12400860
Conc: 94.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.235 min
Delta R.T.: -0.076 min
Response: 12489533
Conc: 111.19 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.057 min
Delta R.T.: -0.006 min
Response: 12295873
Conc: 94.43 ug/ml

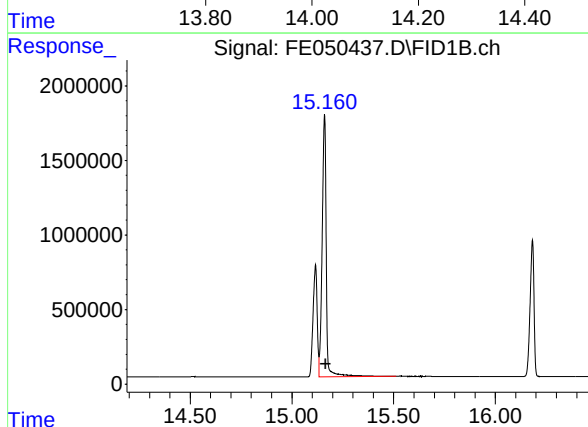
Instrument :

FID_E

ClientSampleId :
PP23712

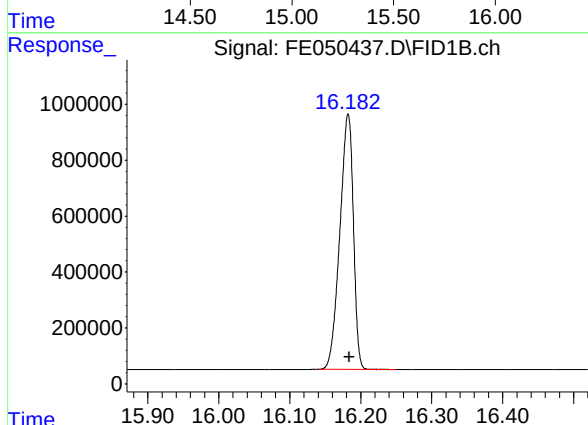
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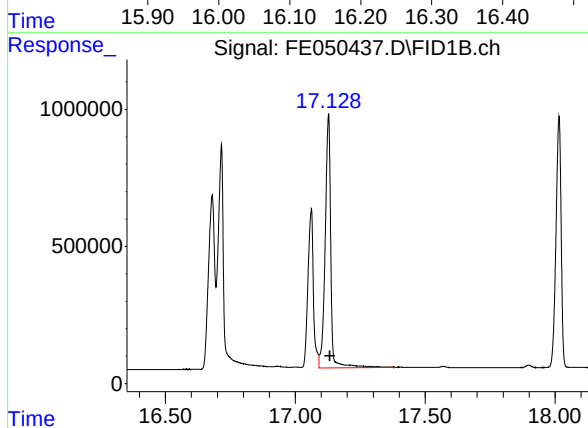
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.004 min
Response: 24603714
Conc: 188.40 ug/ml



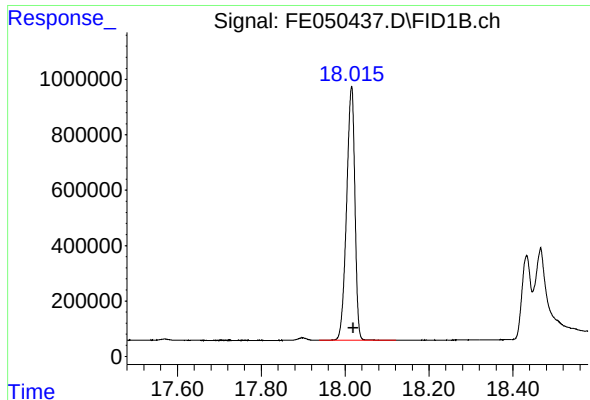
#15 n-Hexacosane (C26)

R.T.: 16.182 min
Delta R.T.: -0.002 min
Response: 12102508
Conc: 94.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.127 min
Delta R.T.: -0.006 min
Response: 13847554
Conc: 107.50 ug/ml



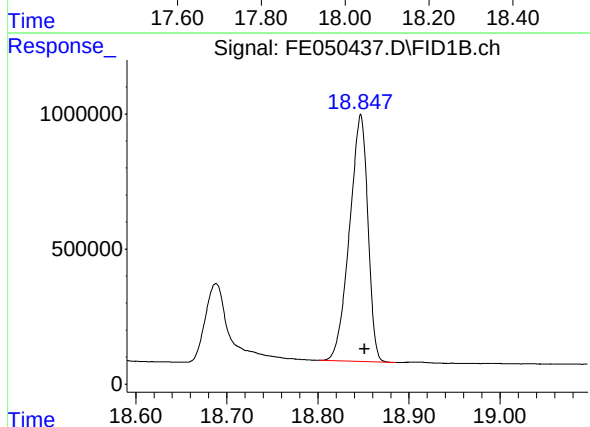
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.005 min
Response: 12592295
Conc: 94.17 ug/ml

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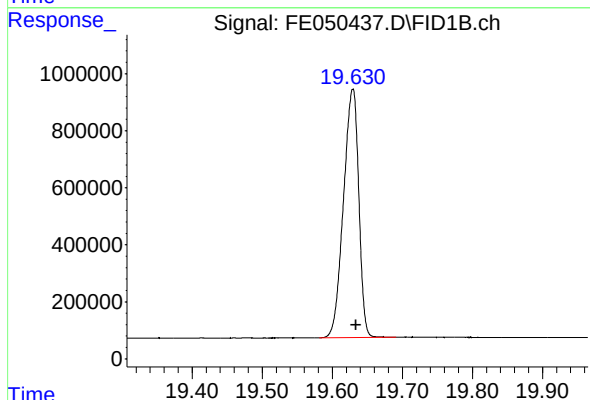
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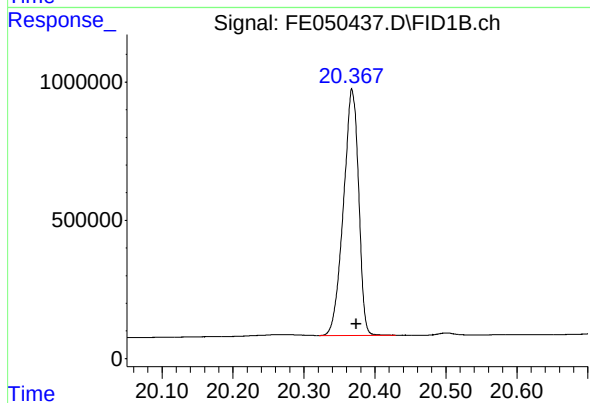
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.004 min
Response: 12779724
Conc: 95.90 ug/ml



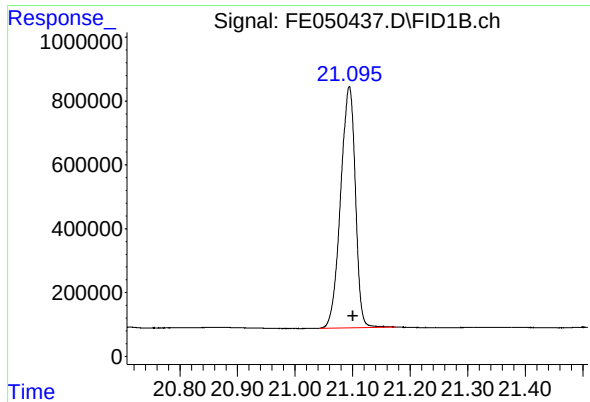
#19 n-Tetratriacontane (C34)

R.T.: 19.629 min
Delta R.T.: -0.005 min
Response: 13208777
Conc: 106.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: -0.006 min
Response: 13247515
Conc: 119.40 ug/ml



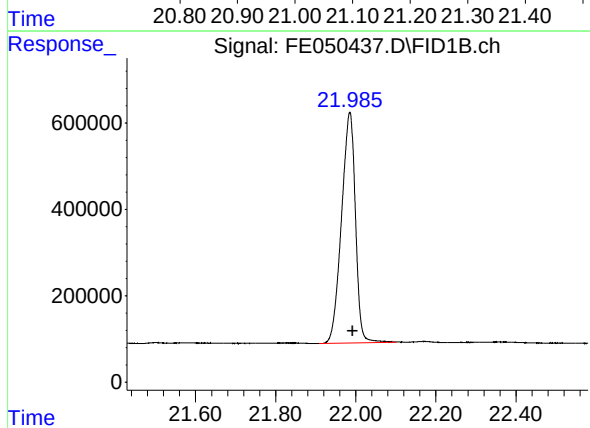
#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.006 min
Response: 13473804
Conc: 122.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.007 min
Response: 12896926
Conc: 118.52 ug/ml m