

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100224AL\
 Data File : FE050482.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2024 19:56
 Operator : YP\AJ
 Sample : P4257-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-240MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File: autoint1.e

Quant Time: Oct 03 01:37:49 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)	11.864	4880773	32.805 ug/ml
Spiked Amount 50.000		Recovery =	65.61%
12) S 1-chlorooctadecane (S...	13.298	3995665	35.572 ug/ml
Spiked Amount 50.000		Recovery =	71.14%
Target Compounds			
1) T n-Nonane (C9)	3.254	3044823	22.463 ug/ml
2) T n-Decane (C10)	4.504	3422186	24.796 ug/ml
3) T A~Naphthalene (C11.7)	6.213	4055041	28.971 ug/ml
4) T n-Dodecane (C12)	6.671	3895080	28.167 ug/ml
5) T A~2-methylnaphthalene...	7.309	3991514	30.368 ug/ml
6) T n-Tetradecane (C14)	8.498	4367996	32.077 ug/ml
7) T n-Hexadecane (C16)	10.103	4595257	33.083 ug/ml
8) T n-Octadecane (C18)	11.545	4704351	33.578 ug/ml
10) T n-Eicosane (C20)	12.852	4747339	35.390 ug/ml
11) T n-Heneicosane (C21)	13.464	4633964	35.267 ug/ml
13) T n-Docosane (C22)	14.049	4551670	34.954 ug/mlm
14) T n-Tetracosane (C24)	15.149	8749008	66.996 ug/ml
15) T n-Hexacosane (C26)	16.171	4423997	34.579 ug/ml
16) T n-Octacosane (C28)	17.118	5240715	40.686 ug/ml
17) T n-Tricontane (C30)	18.006	4705475	35.189 ug/ml
18) T n-Dotriacontane (C32)	18.837	4784445	35.904 ug/ml
19) T n-Tetratriacontane (C34)	19.619	4766020	38.572 ug/ml
20) T n-Hexatriacontane (C36)	20.358	4645817	41.873 ug/ml
21) T n-Octatriacontane (C38)	21.083	4530906	41.086 ug/ml
22) T n-Tetracontane (C40)	21.968	4028658	37.023 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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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

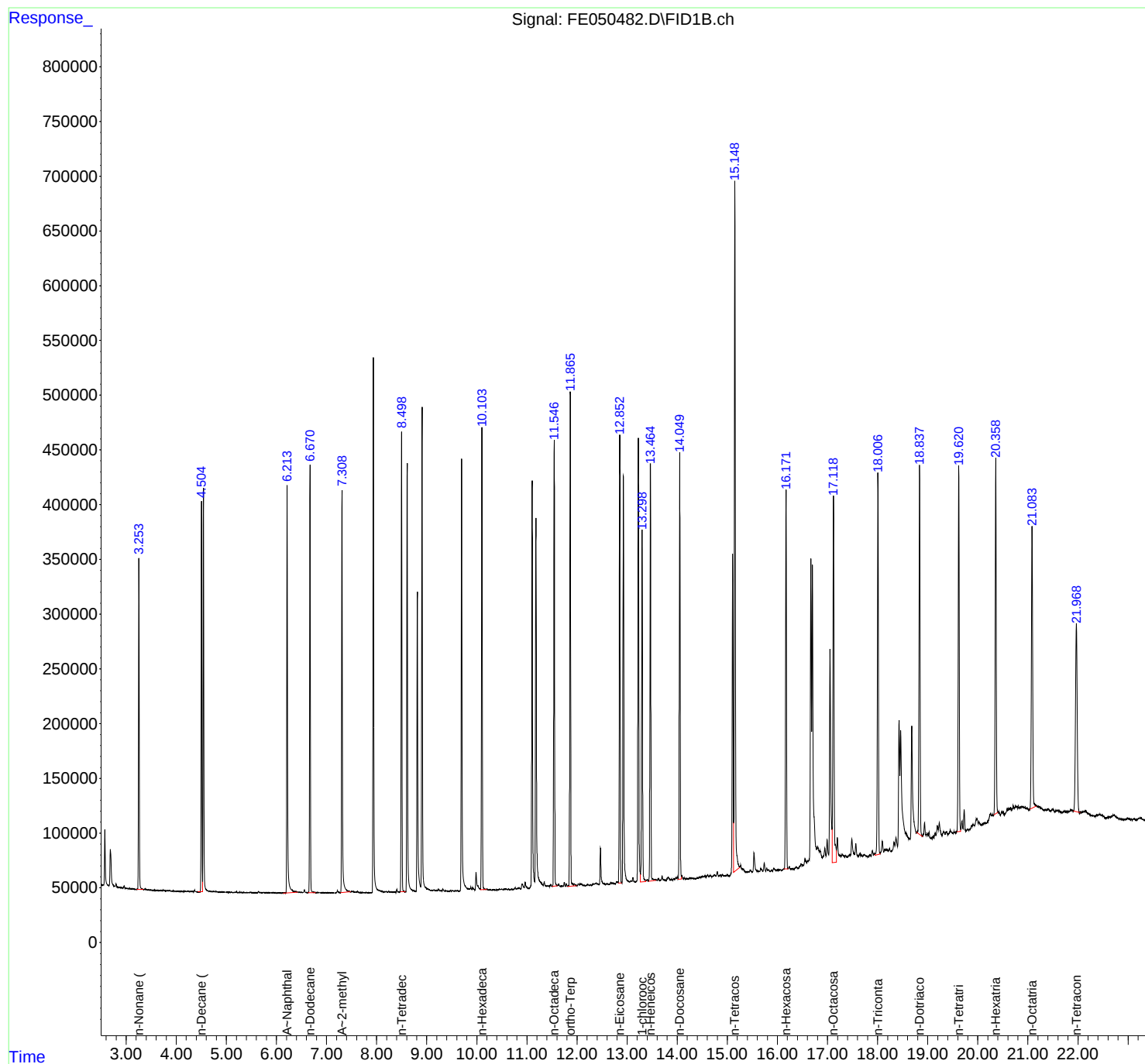
Response via : Initial Calibration

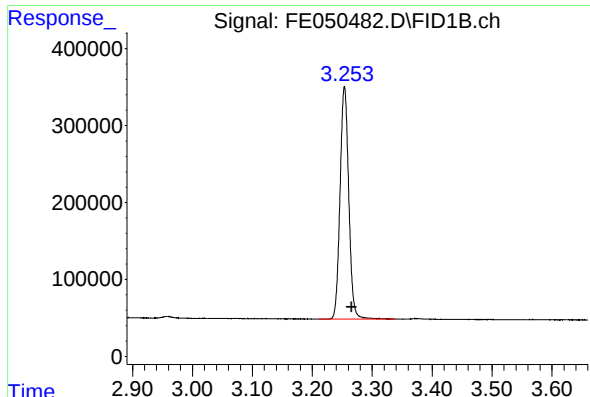
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





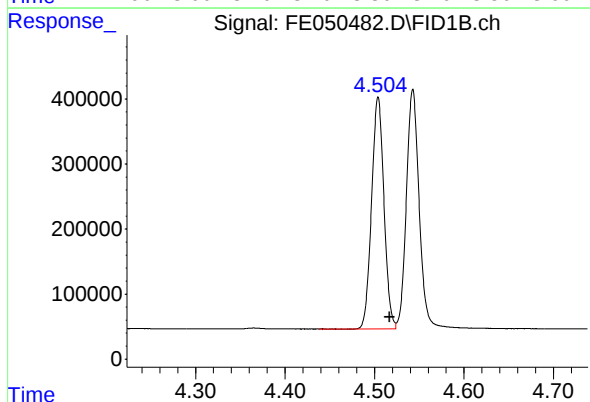
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.012 min
Response: 3044823
Conc: 22.46 ug/ml

Instrument :
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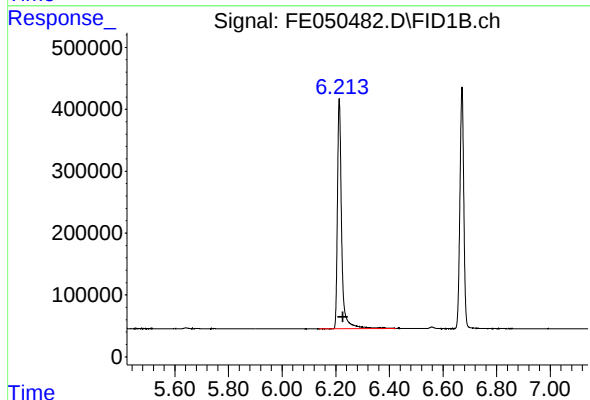
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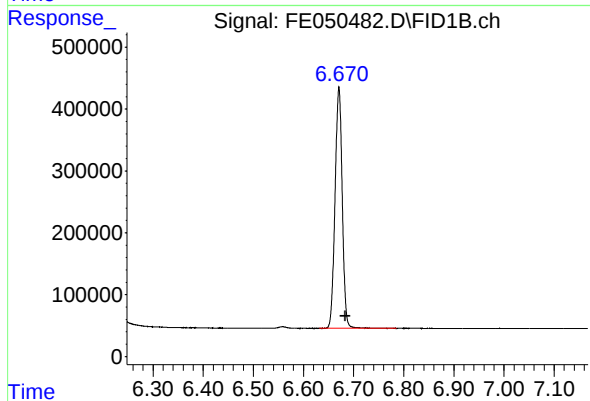
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: -0.013 min
Response: 3422186
Conc: 24.80 ug/ml



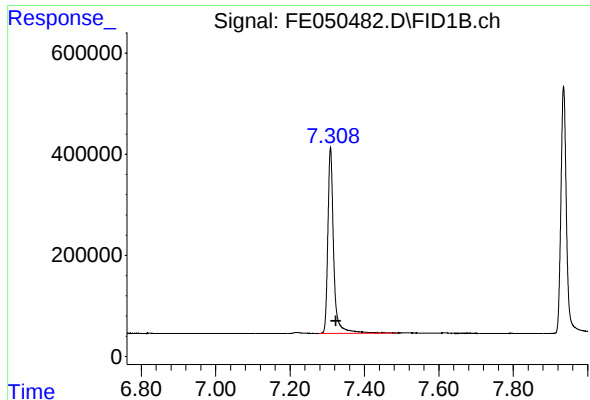
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.014 min
Response: 4055041
Conc: 28.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.671 min
Delta R.T.: -0.013 min
Response: 3895080
Conc: 28.17 ug/ml



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

R.T.: 7.309 min
Delta R.T.: -0.014 min
Response: 3991514
Conc: 30.37 ug/ml

Instrument :

FID_E

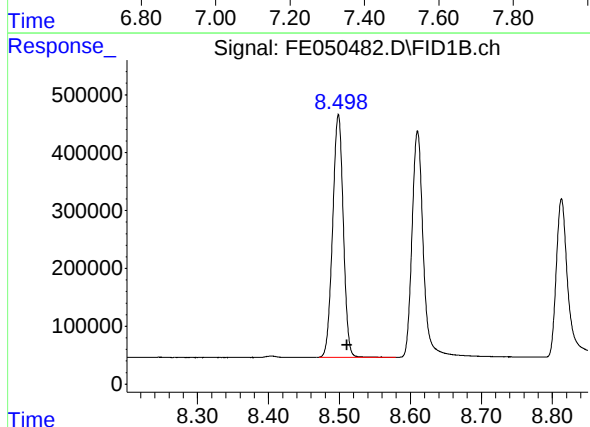
ClientSampleId :

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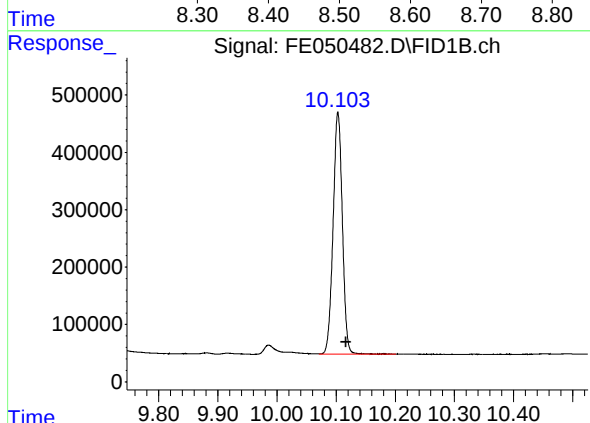
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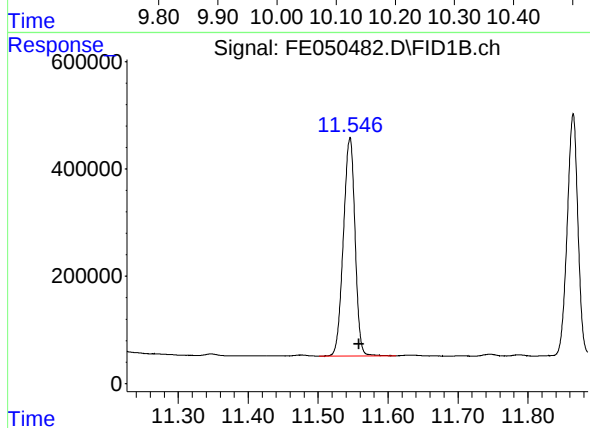
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: -0.012 min
Response: 4367996
Conc: 32.08 ug/ml



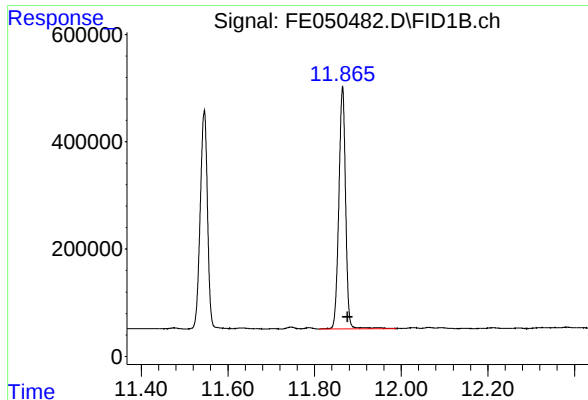
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.014 min
Response: 4595257
Conc: 33.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.545 min
Delta R.T.: -0.014 min
Response: 4704351
Conc: 33.58 ug/ml



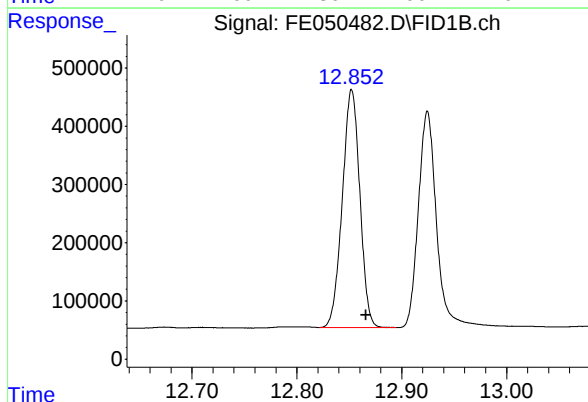
#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: -0.012 min
Response: 4880773
Conc: 32.81 ug/ml

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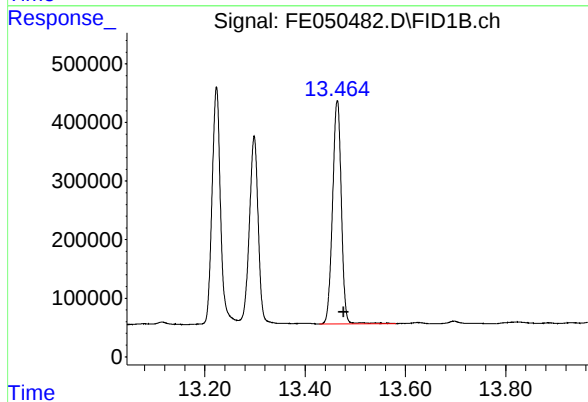
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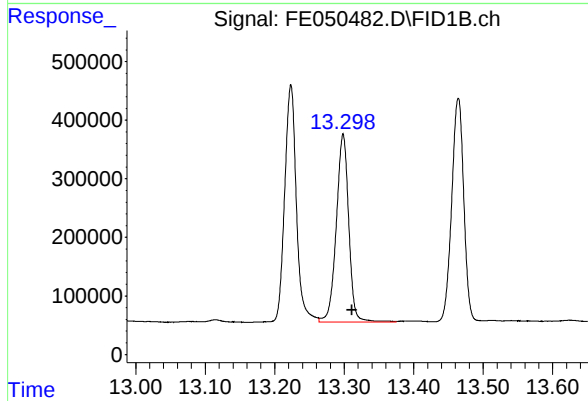
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: -0.014 min
Response: 4747339
Conc: 35.39 ug/ml



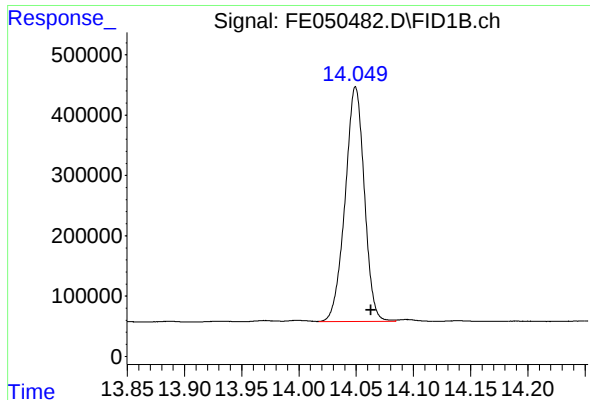
#11 n-Heneicosane (C21)

R.T.: 13.464 min
Delta R.T.: -0.013 min
Response: 4633964
Conc: 35.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: -0.013 min
Response: 3995665
Conc: 35.57 ug/ml



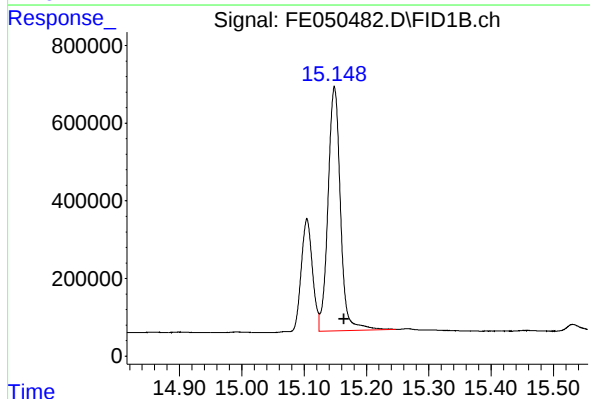
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.014 min
Response: 4551670
Conc: 34.95 ug/ml

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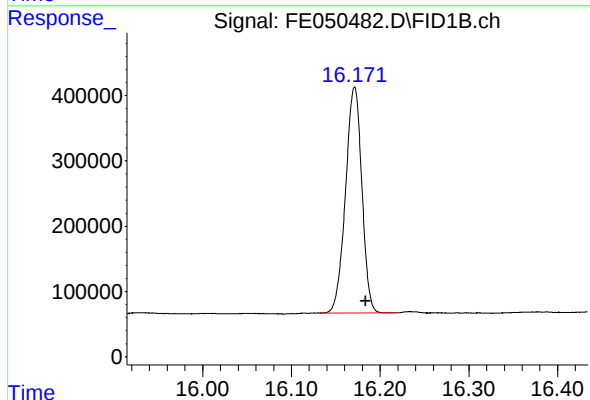
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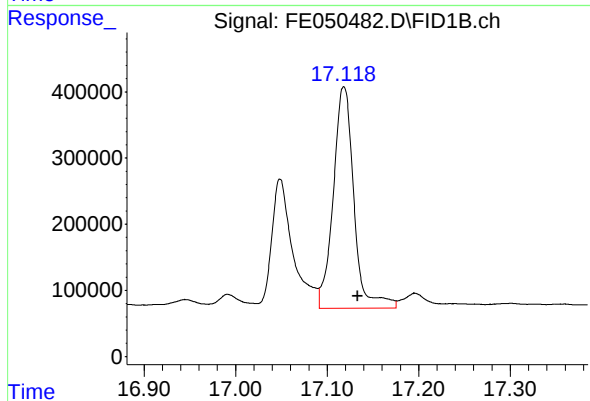
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.016 min
Response: 8749008
Conc: 67.00 ug/ml



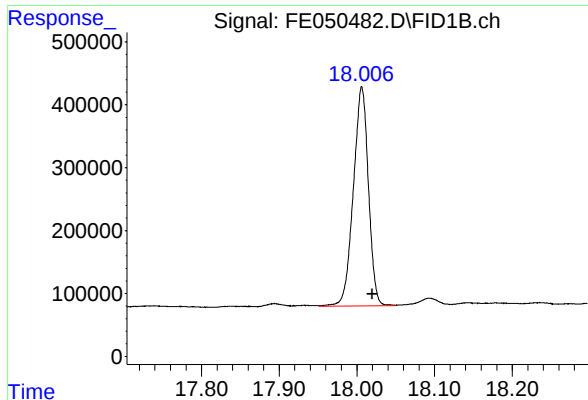
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.013 min
Response: 4423997
Conc: 34.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: -0.015 min
Response: 5240715
Conc: 40.69 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: -0.014 min
Response: 4705475
Conc: 35.19 ug/ml

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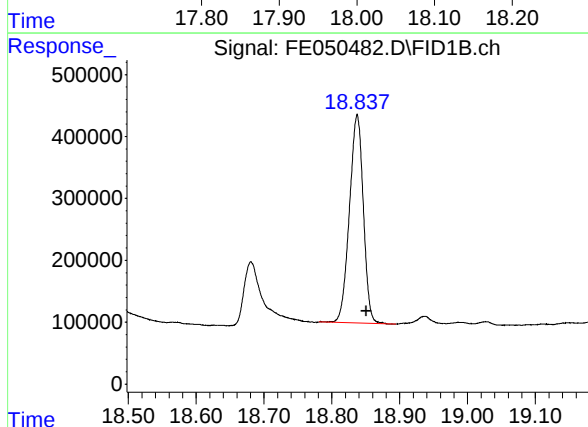
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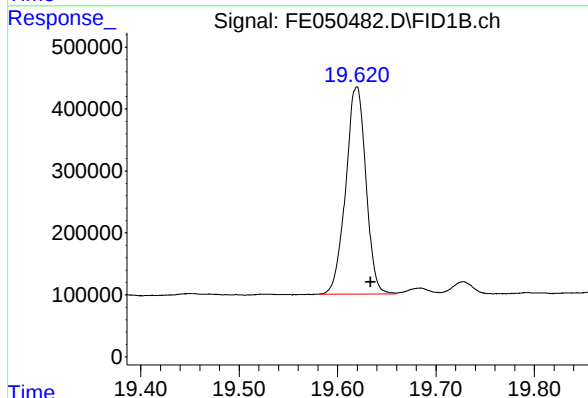
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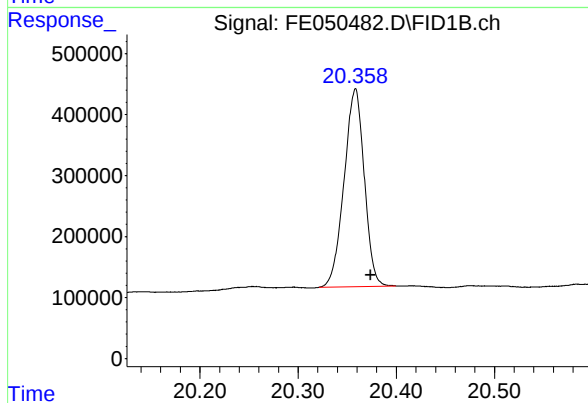
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: -0.014 min
Response: 4784445
Conc: 35.90 ug/ml



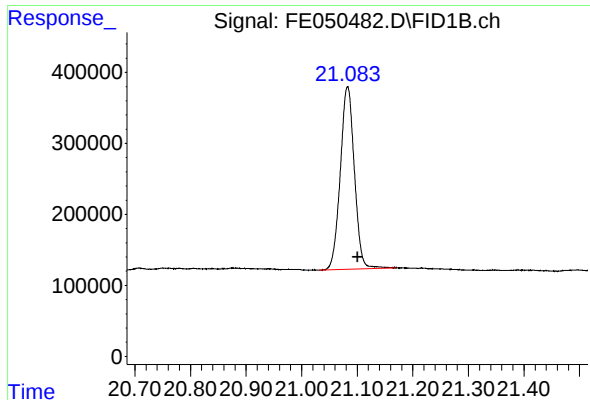
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.014 min
Response: 4766020
Conc: 38.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.016 min
Response: 4645817
Conc: 41.87 ug/ml



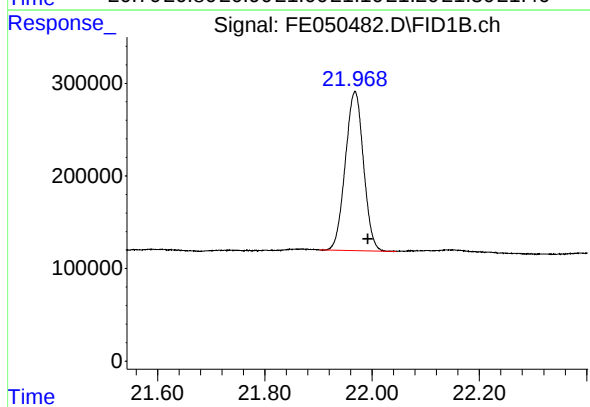
#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.018 min
Response: 4530906
Conc: 41.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.024 min
Response: 4028658
Conc: 37.02 ug/ml