

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100324AL\
 Data File : FE050500.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2024 17:53
 Operator : YP\AJ
 Sample : P4276-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-208MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :Ankita Jodhani 10/04/2024

Integration File: autoint1.e

Quant Time: Oct 04 03:17:18 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)	11.863	4612230	31.000 ug/ml
Spiked Amount 50.000		Recovery =	62.00%
12) S 1-chlorooctadecane (S...	13.298	3668800	32.662 ug/mlm
Spiked Amount 50.000		Recovery =	65.32%
Target Compounds			
1) T n-Nonane (C9)	3.253	3529954	26.043 ug/ml
2) T n-Decane (C10)	4.503	3968900	28.758 ug/ml
3) T A~Naphthalene (C11.7)	6.212	4571238	32.659 ug/ml
4) T n-Dodecane (C12)	6.670	4496399	32.516 ug/ml
5) T A~2-methylnaphthalene...	7.308	4458575	33.921 ug/ml
6) T n-Tetradecane (C14)	8.497	4874064	35.793 ug/ml
7) T n-Hexadecane (C16)	10.101	5024784	36.175 ug/ml
8) T n-Octadecane (C18)	11.544	5117218	36.525 ug/mlm
10) T n-Eicosane (C20)	12.853	5302206	39.526 ug/ml
11) T n-Heneicosane (C21)	13.464	5417924	41.233 ug/ml
13) T n-Docosane (C22)	14.050	5712136	43.866 ug/ml
14) T n-Tetracosane (C24)	15.151	9722987	74.454 ug/ml
15) T n-Hexacosane (C26)	16.175	5019810	39.236 ug/mlm
16) T n-Octacosane (C28)	17.123	5311446	41.235 ug/mlm
17) T n-Tricontane (C30)	18.009	5512130	41.221 ug/ml
18) T n-Dotriacontane (C32)	18.840	5271752	39.561 ug/ml
19) T n-Tetratriacontane (C34)	19.621	5517195	44.652 ug/mlm
20) T n-Hexatriacontane (C36)	20.359	4984726	44.928 ug/ml
21) T n-Octatriacontane (C38)	21.084	5116621	46.397 ug/ml
22) T n-Tetracontane (C40)	21.967	4892995	44.966 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 19 Sample Multiplier: 1

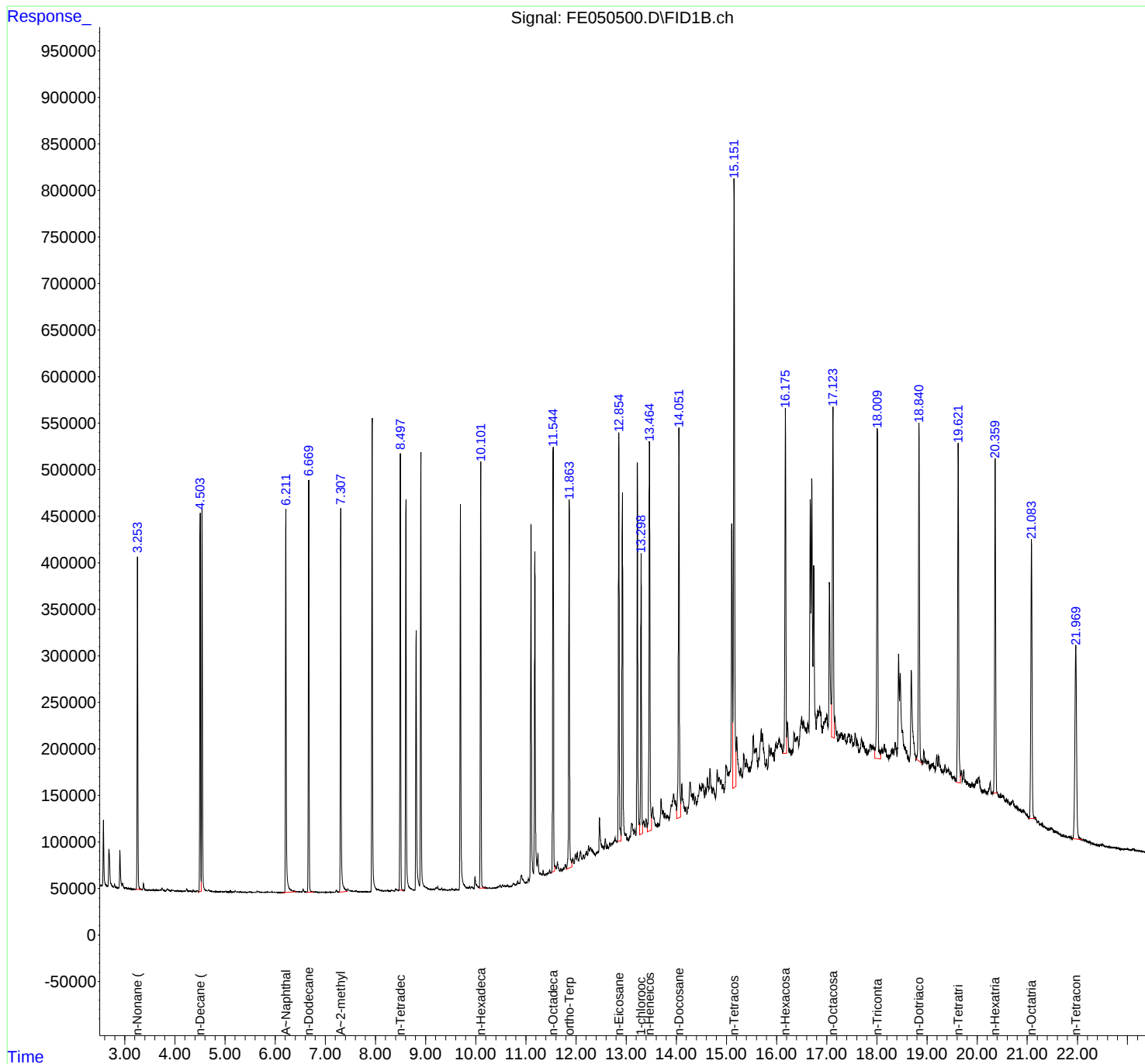
Instrument :
FID_E
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VNJ-208MSD

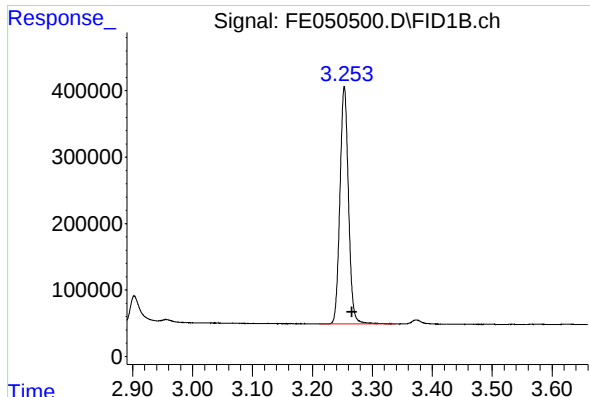
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Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





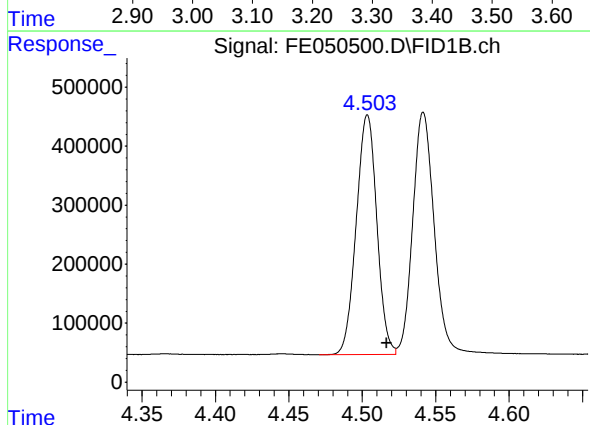
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: -0.013 min
Response: 3529954
Conc: 26.04 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-208MSD

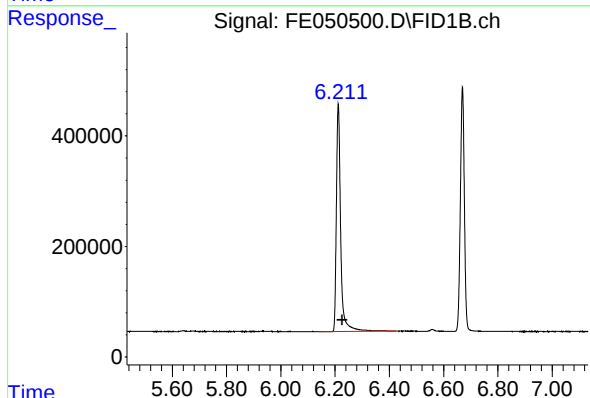
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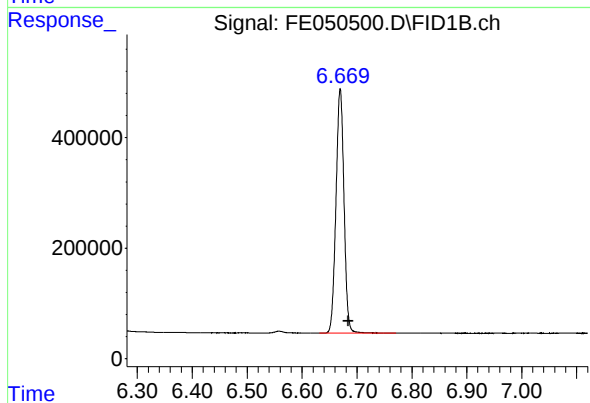
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.013 min
Response: 3968900
Conc: 28.76 ug/ml



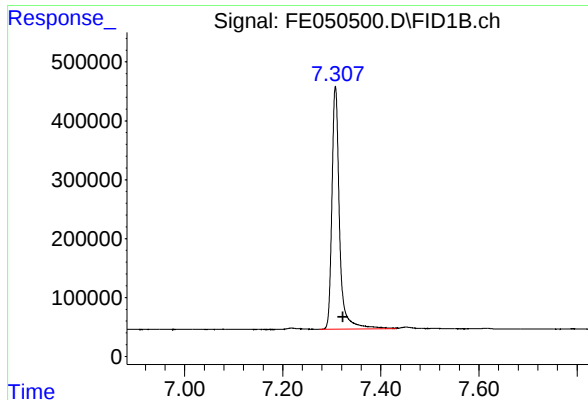
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.015 min
Response: 4571238
Conc: 32.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.670 min
Delta R.T.: -0.014 min
Response: 4496399
Conc: 32.52 ug/ml



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

R.T.: 7.308 min
Delta R.T.: -0.016 min
Response: 4458575
Conc: 33.92 ug/ml

Instrument :

FID_E

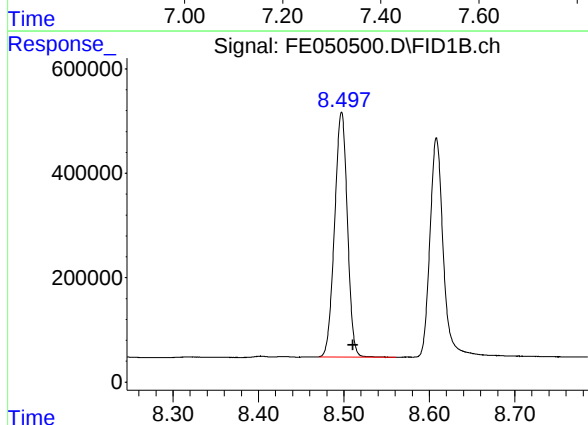
ClientSampleId :

VNJ-208MSD

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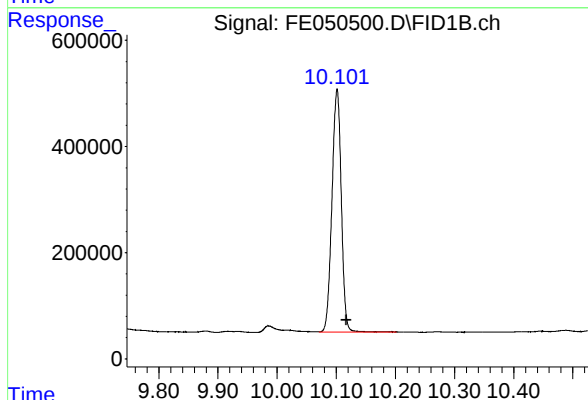
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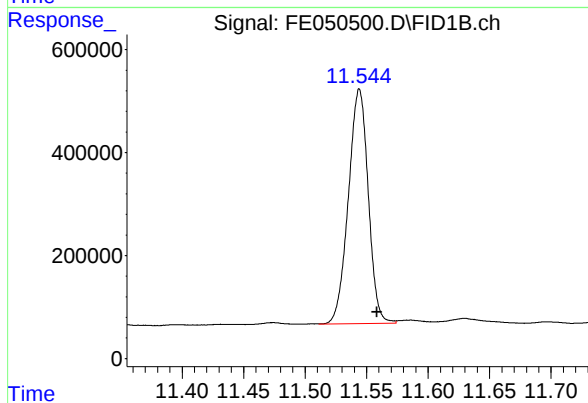
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: -0.014 min
Response: 4874064
Conc: 35.79 ug/ml



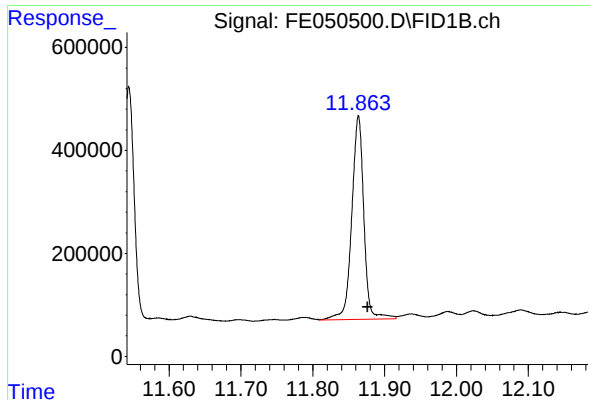
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.016 min
Response: 5024784
Conc: 36.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: -0.015 min
Response: 5117218
Conc: 36.52 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: -0.013 min
Response: 4612230
Conc: 31.00 ug/ml

Instrument :

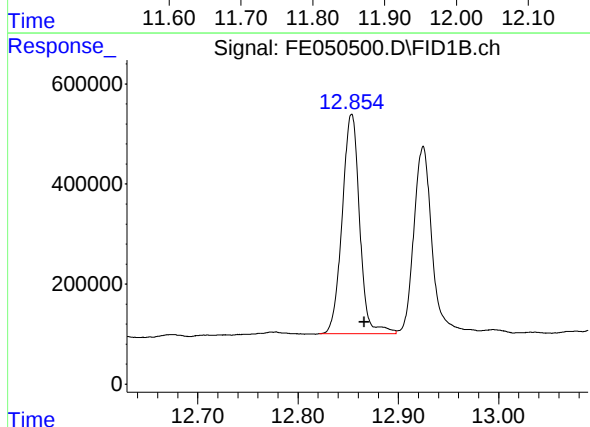
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ClientSampleId :

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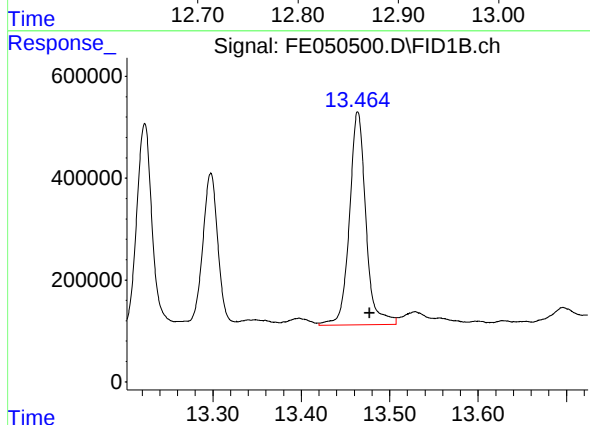
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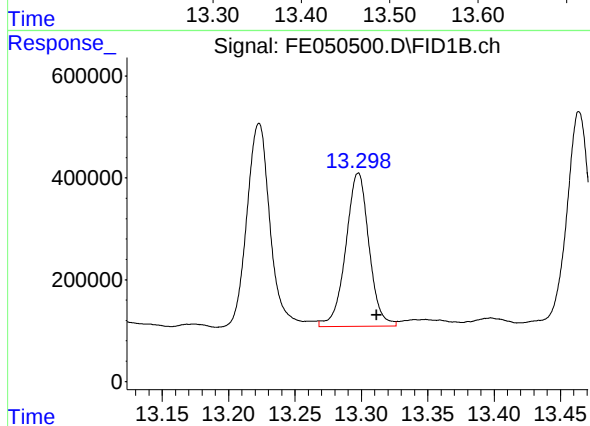
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: -0.013 min
Response: 5302206
Conc: 39.53 ug/ml



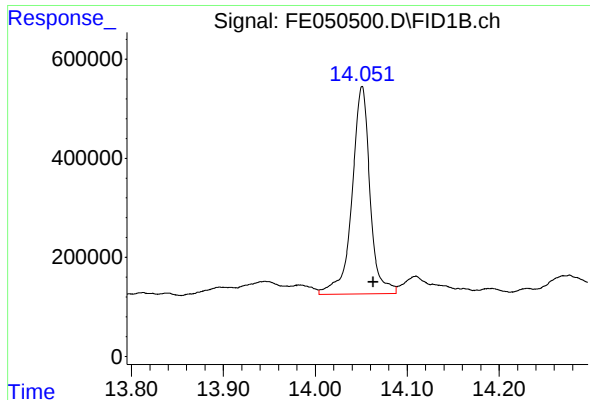
#11 n-Heneicosane (C21)

R.T.: 13.464 min
Delta R.T.: -0.013 min
Response: 5417924
Conc: 41.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: -0.014 min
Response: 3668800
Conc: 32.66 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: -0.012 min
Response: 5712136
Conc: 43.87 ug/ml

Instrument :

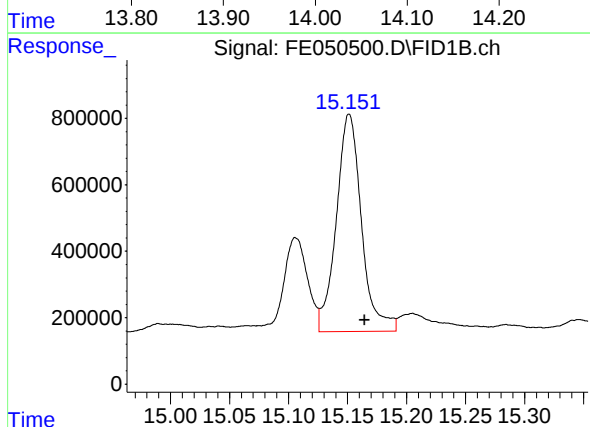
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ClientSampleId :

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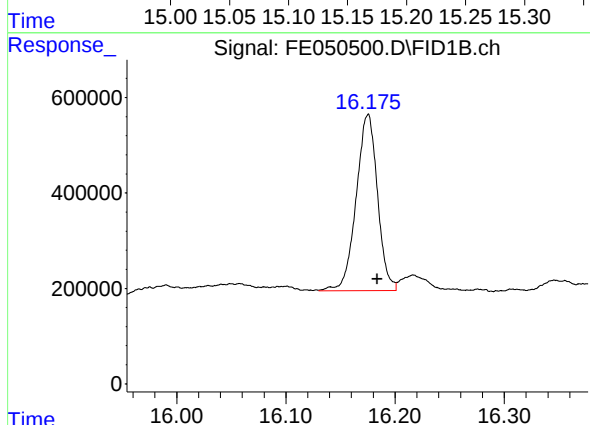
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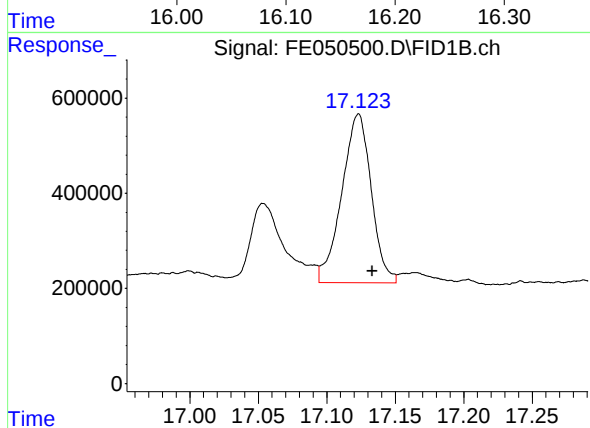
#14 n-Tetracosane (C24)

R.T.: 15.151 min
Delta R.T.: -0.013 min
Response: 9722987
Conc: 74.45 ug/ml



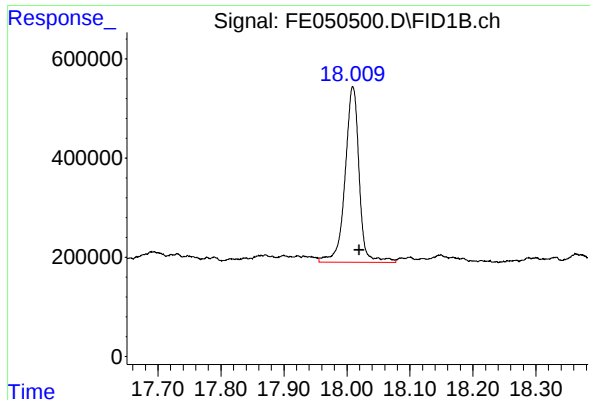
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.008 min
Response: 5019810
Conc: 39.24 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.010 min
Response: 5311446
Conc: 41.24 ug/ml m



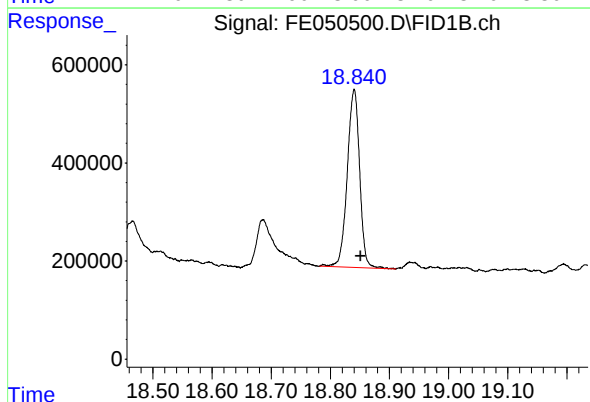
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.011 min
Response: 5512130
Conc: 41.22 ug/ml

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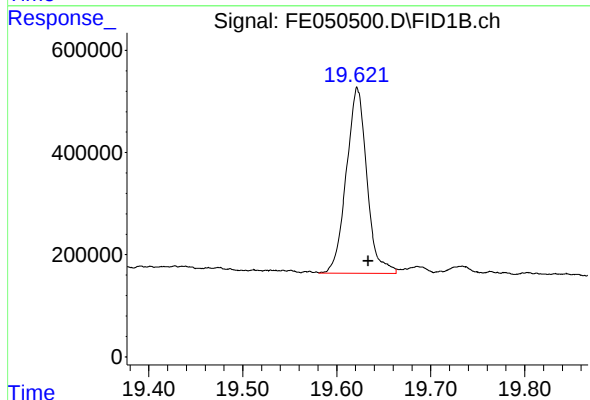
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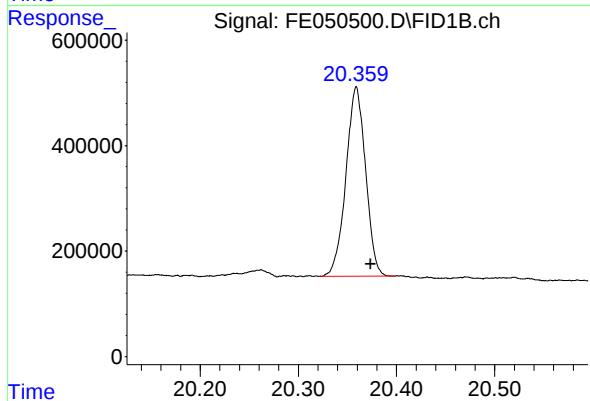
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.011 min
Response: 5271752
Conc: 39.56 ug/ml



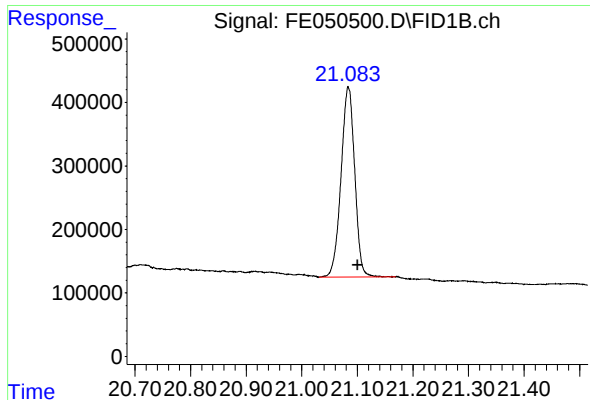
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.013 min
Response: 5517195
Conc: 44.65 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: -0.015 min
Response: 4984726
Conc: 44.93 ug/ml



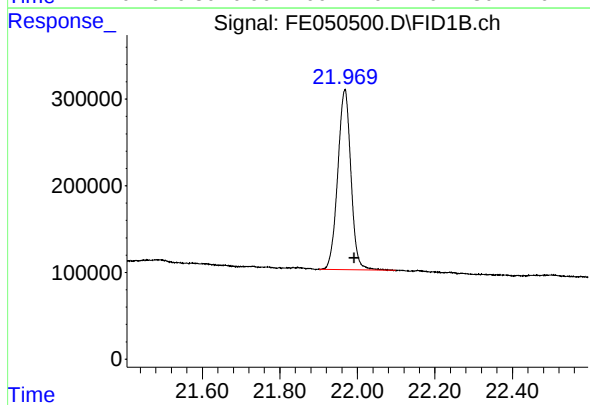
#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: -0.017 min
Response: 5116621
Conc: 46.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.025 min
Response: 4892995
Conc: 44.97 ug/ml