

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093024AL\
 Data File : FE050443.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2024 19:03
 Operator : YP\AJ
 Sample : P4225-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-04-092724MSD

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 02:07:01 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)	11.866	4010444	26.956 ug/ml
Spiked Amount 50.000		Recovery =	53.91%
12) S 1-chlorooctadecane (S...	13.300	3366703	29.972 ug/ml
Spiked Amount 50.000		Recovery =	59.94%
Target Compounds			
1) T n-Nonane (C9)	3.257	5010397	36.965 ug/ml
2) T n-Decane (C10)	4.507	5613836	40.677 ug/ml
3) T A~Naphthalene (C11.7)	6.215	6269348	44.791 ug/ml
4) T n-Dodecane (C12)	6.673	6137730	44.385 ug/mlm
5) T A~2-methylnaphthalene...	7.311	5864357	44.617 ug/ml
6) T n-Tetradecane (C14)	8.502	6991717	51.345 ug/ml
7) T n-Hexadecane (C16)	10.107	7349281	52.910 ug/ml
8) T n-Octadecane (C18)	11.548	7384696	52.709 ug/ml
10) T n-Eicosane (C20)	12.856	7390279	55.092 ug/mlm
11) T n-Heneicosane (C21)	13.467	7165628	54.534 ug/ml
13) T n-Docosane (C22)	14.052	7081486	54.382 ug/ml
14) T n-Tetracosane (C24)	15.152	13682014	104.770 ug/ml
15) T n-Hexacosane (C26)	16.174	6907291	53.989 ug/ml
16) T n-Octacosane (C28)	17.122	8013405	62.211 ug/ml
17) T n-Tricontane (C30)	18.010	7350954	54.972 ug/ml
18) T n-Dotriacontane (C32)	18.841	7390395	55.460 ug/ml
19) T n-Tetratriacontane (C34)	19.624	7555852	61.151 ug/ml
20) T n-Hexatriacontane (C36)	20.364	7194060	64.841 ug/ml
21) T n-Octatriacontane (C38)	21.088	7248777	65.731 ug/mlm
22) T n-Tetracontane (C40)	21.975	6632589	60.953 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 19 Sample Multiplier: 1

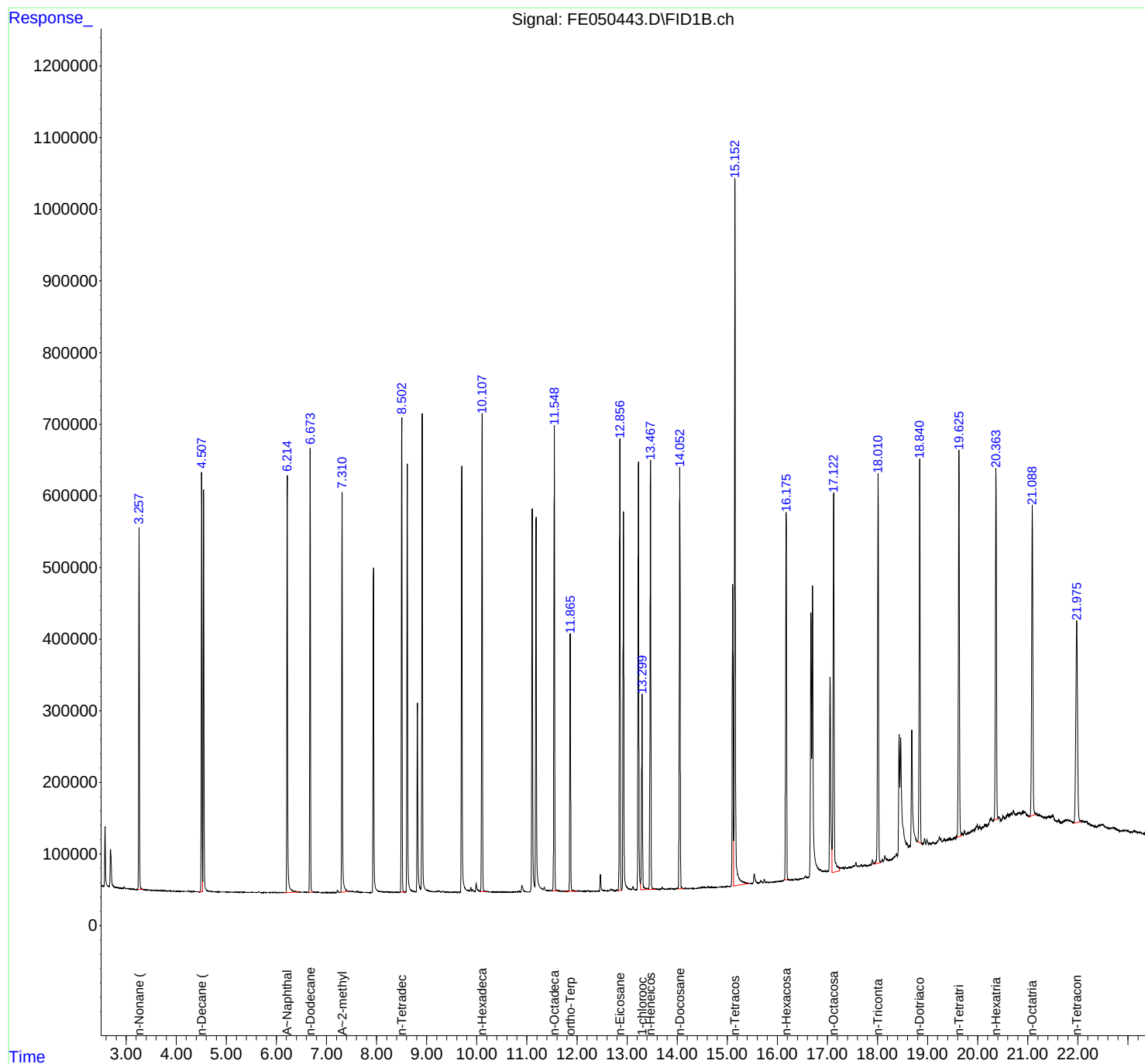
Instrument :
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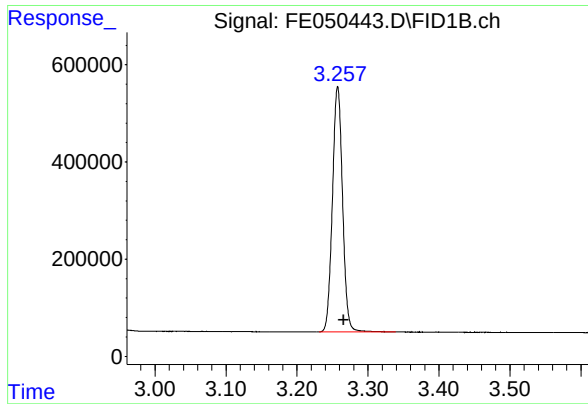
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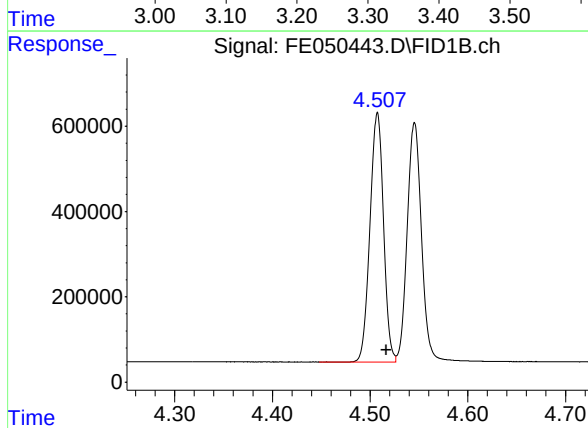
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: -0.009 min
Response: 5010397
Conc: 36.96 ug/ml

Instrument :
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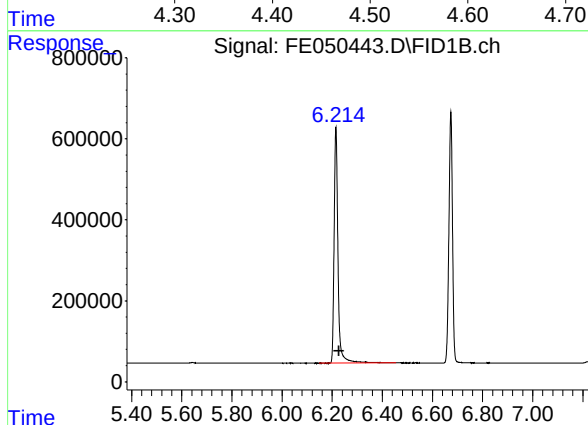
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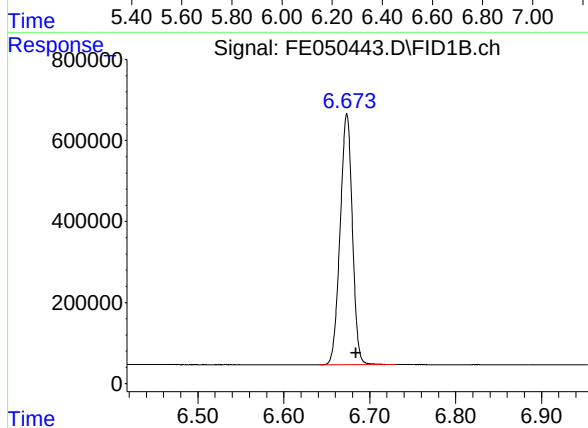
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.009 min
Response: 5613836
Conc: 40.68 ug/ml



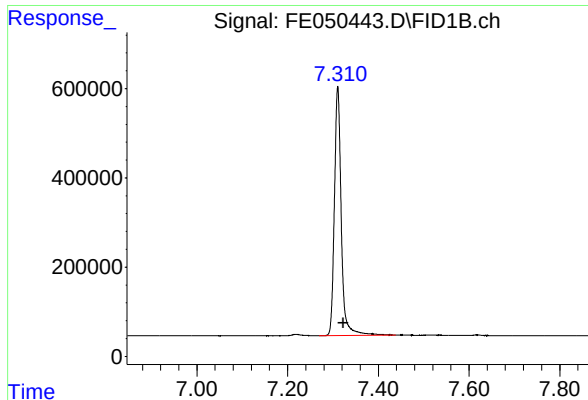
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: -0.012 min
Response: 6269348
Conc: 44.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: -0.011 min
Response: 6137730
Conc: 44.39 ug/ml m



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

R.T.: 7.311 min
Delta R.T.: -0.012 min
Response: 5864357
Conc: 44.62 ug/ml

Instrument :

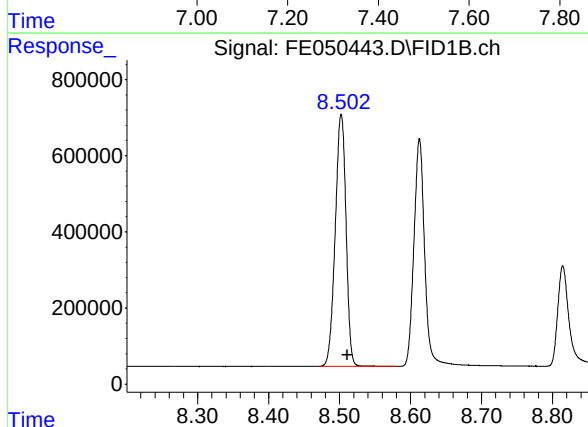
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ClientSampleId :

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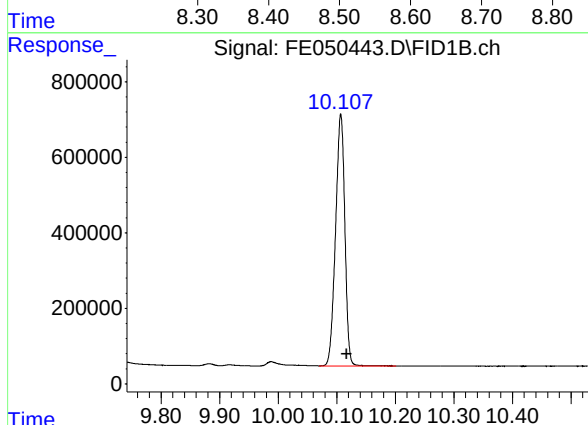
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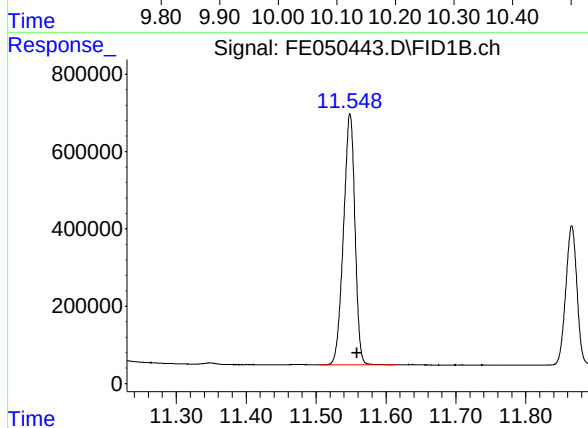
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.008 min
Response: 6991717
Conc: 51.34 ug/ml



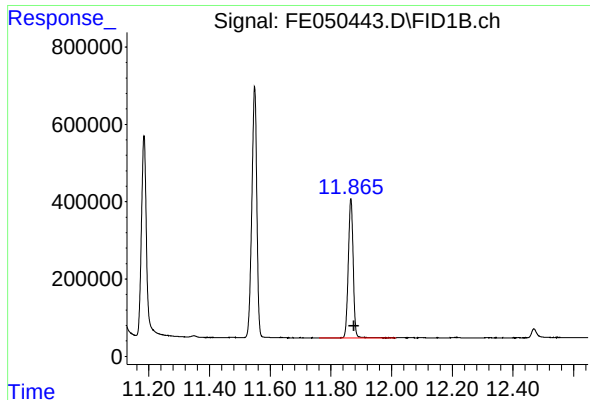
#7 n-Hexadecane (C16)

R.T.: 10.107 min
Delta R.T.: -0.010 min
Response: 7349281
Conc: 52.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.548 min
Delta R.T.: -0.010 min
Response: 7384696
Conc: 52.71 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.866 min
Delta R.T.: -0.011 min
Response: 4010444
Conc: 26.96 ug/ml

Instrument :

FID_E

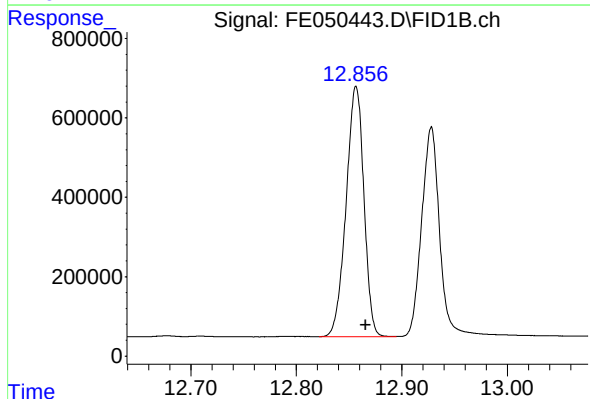
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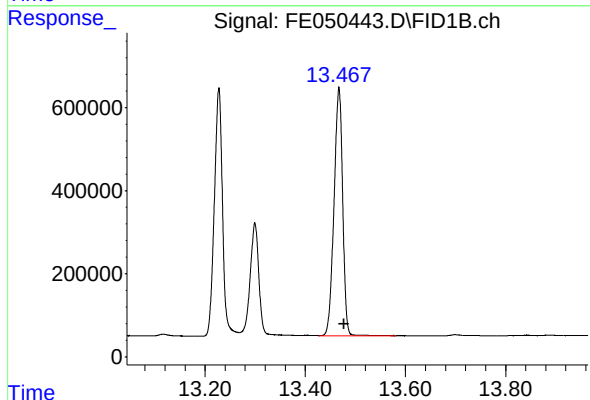
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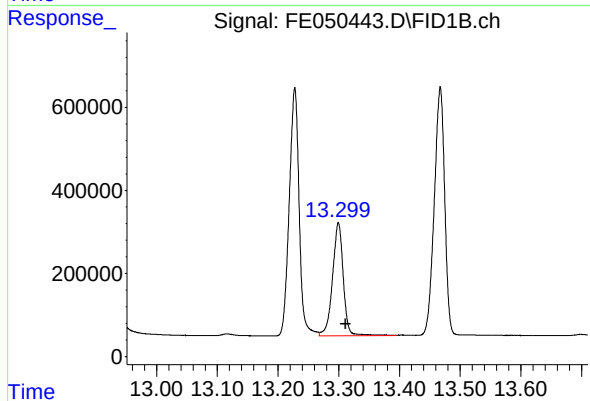
#10 n-Eicosane (C20)

R.T.: 12.856 min
Delta R.T.: -0.010 min
Response: 7390279
Conc: 55.09 ug/ml m



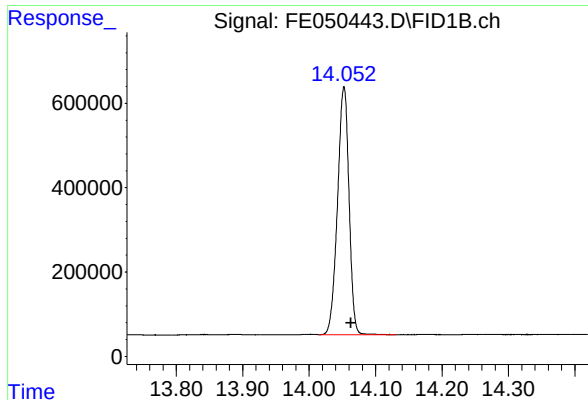
#11 n-Heneicosane (C21)

R.T.: 13.467 min
Delta R.T.: -0.010 min
Response: 7165628
Conc: 54.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.300 min
Delta R.T.: -0.012 min
Response: 3366703
Conc: 29.97 ug/ml



#13 n-Docosane (C22)

R.T.: 14.052 min
Delta R.T.: -0.011 min
Response: 7081486
Conc: 54.38 ug/ml

Instrument :

FID_E

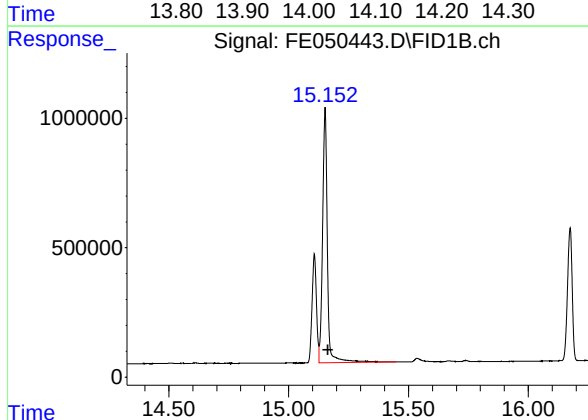
ClientSampleId :

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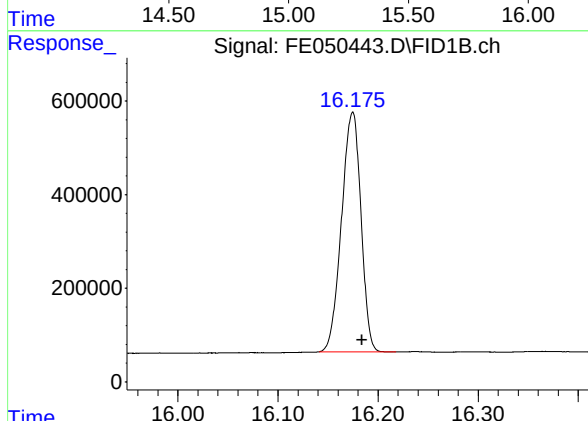
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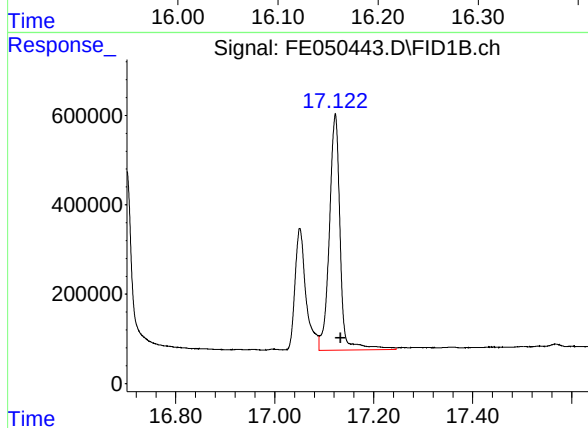
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.012 min
Response: 13682014
Conc: 104.77 ug/ml



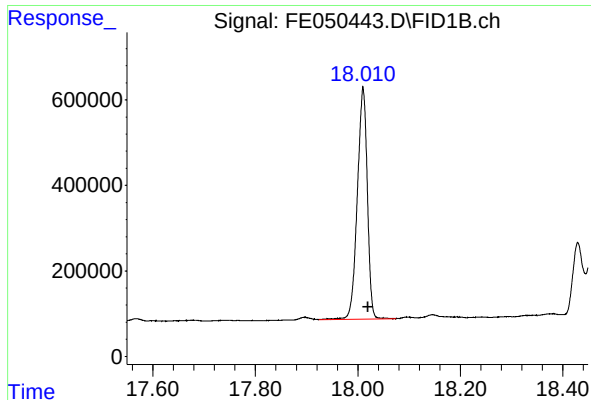
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.009 min
Response: 6907291
Conc: 53.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.011 min
Response: 8013405
Conc: 62.21 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: -0.010 min
Response: 7350954
Conc: 54.97 ug/ml

Instrument :

FID_E

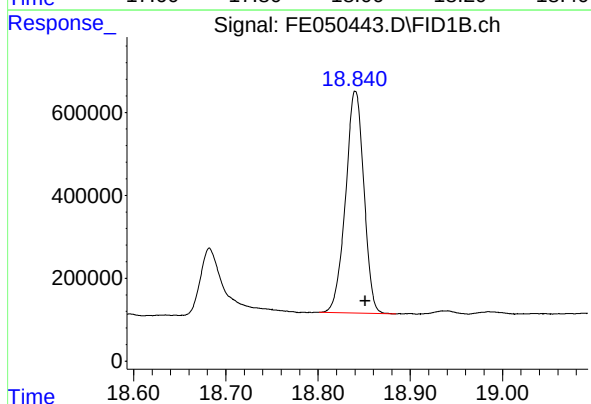
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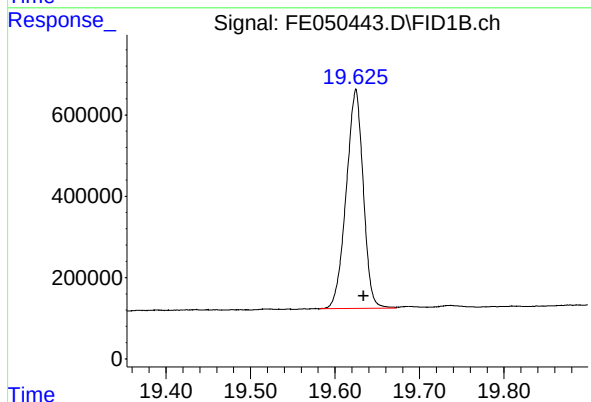
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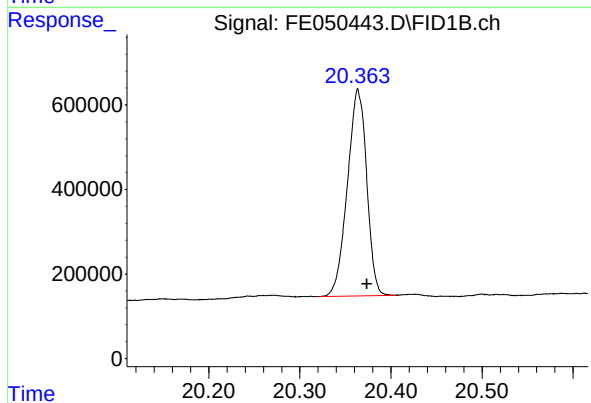
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.011 min
Response: 7390395
Conc: 55.46 ug/ml



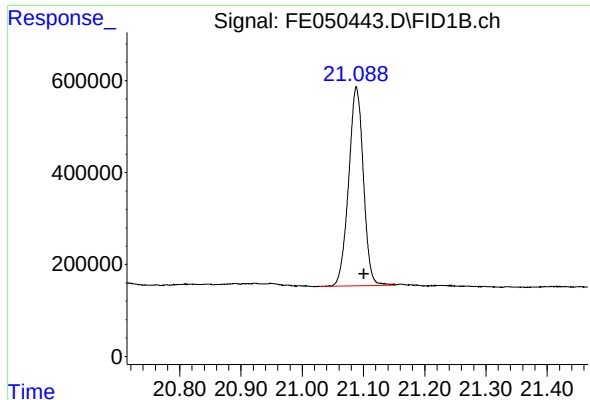
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.009 min
Response: 7555852
Conc: 61.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.364 min
Delta R.T.: -0.010 min
Response: 7194060
Conc: 64.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.013 min
Response: 7248777
Conc: 65.73 ug/ml

Instrument :

FID_E

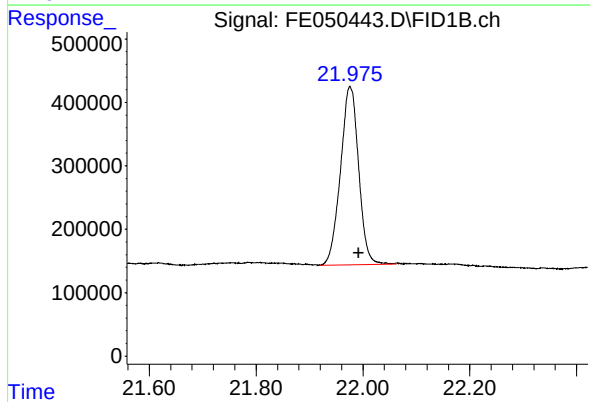
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#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: -0.017 min
Response: 6632589
Conc: 60.95 ug/ml m