

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111924AL\
 Data File : FE051357.D
 Signal(s) : FID1B.ch
 Acq On : 19 Nov 2024 20:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File: autoint1.e
 Quant Time: Nov 20 02:37:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.845	3085407	20.556 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
12) S 1-chlorooctadecane (S...	13.278	2344561	20.651 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
Target Compounds			
1) T n-Nonane (C9)	3.234	2985566	21.577 ug/ml
2) T n-Decane (C10)	4.484	3028756	21.606 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2804137	21.268 ug/ml
4) T n-Dodecane (C12)	6.651	3028712	21.450 ug/ml
5) T A~2-methylnaphthalene...	7.294	2603236	20.810 ug/ml
6) T n-Tetradecane (C14)	8.478	2939707	21.094 ug/ml
7) T n-Hexadecane (C16)	10.083	2961083	20.866 ug/ml
8) T n-Octadecane (C18)	11.524	2960997	20.735 ug/ml
10) T n-Eicosane (C20)	12.831	2825764	20.648 ug/ml
11) T n-Heneicosane (C21)	13.443	2756209	20.624 ug/ml
13) T n-Docosane (C22)	14.027	2745463	20.650 ug/mlm
14) T n-Tetracosane (C24)	15.128	2845126	21.447 ug/ml
15) T n-Hexacosane (C26)	16.149	2881654	21.526 ug/ml
16) T n-Octacosane (C28)	17.097	2944743	21.600 ug/ml
17) T n-Tricontane (C30)	17.984	3070452	21.134 ug/ml
18) T n-Dotriacontane (C32)	18.815	3065239	20.644 ug/ml
19) T n-Tetratriacontane (C34)	19.598	2702163	20.111 ug/ml
20) T n-Hexatriacontane (C36)	20.337	2335994	19.578 ug/ml
21) T n-Octatriacontane (C38)	21.060	2102012	18.469 ug/ml
22) T n-Tetracontane (C40)	21.938	1888925	16.984 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 3 Sample Multiplier: 1

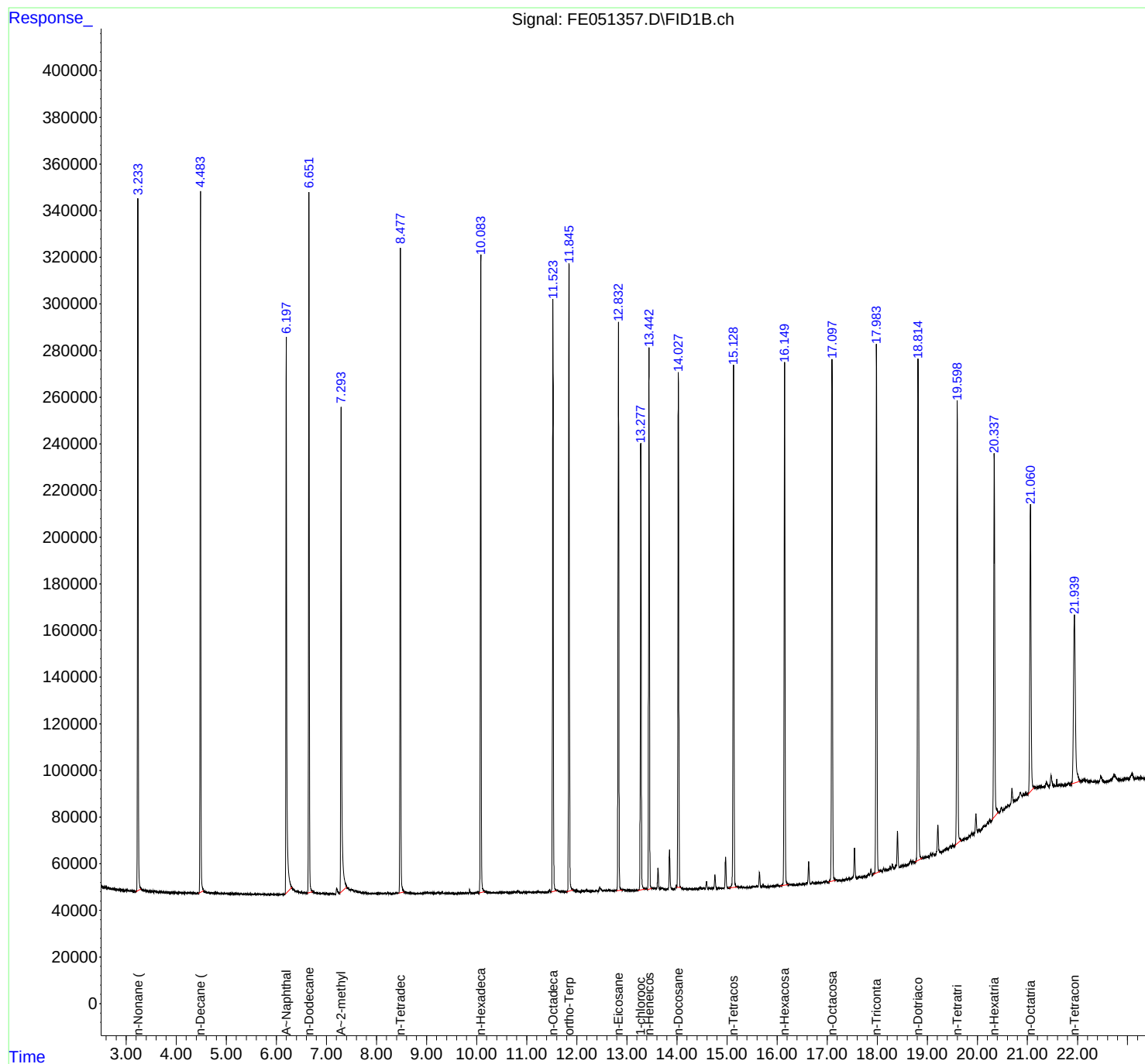
Instrument :
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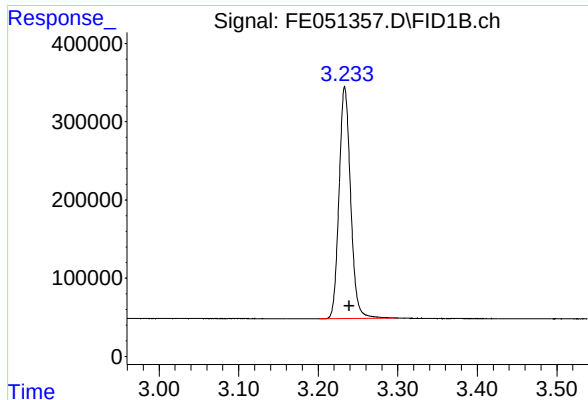
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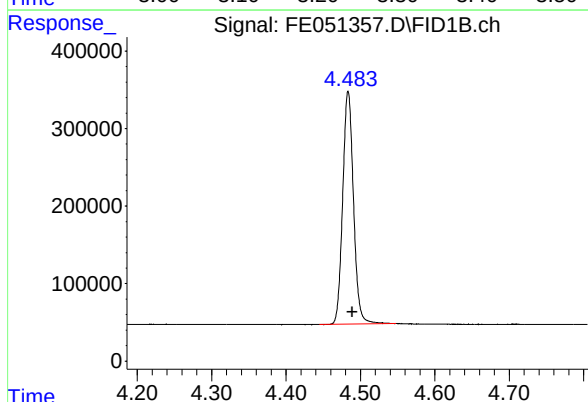
#1 n-Nonane (C9)

R.T.: 3.234 min
Delta R.T.: -0.005 min
Response: 2985566
Conc: 21.58 ug/ml

Instrument : FID_E
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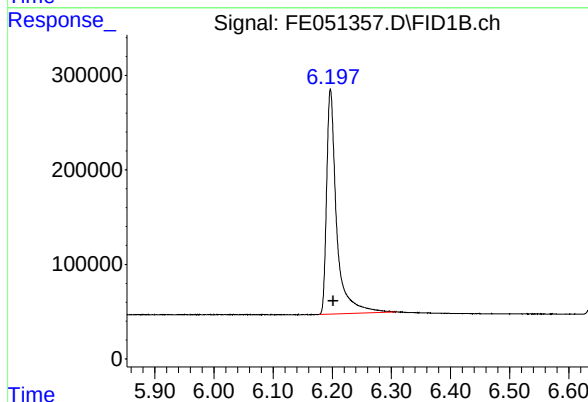
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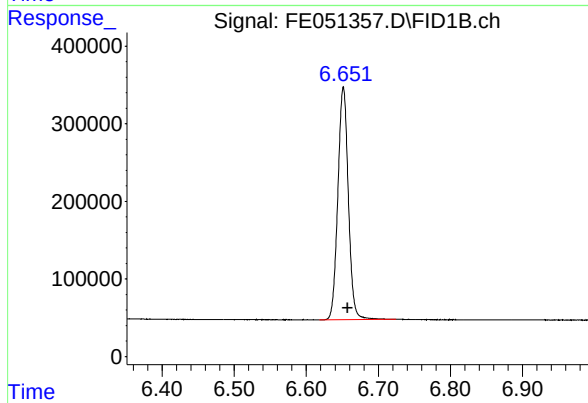
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.006 min
Response: 3028756
Conc: 21.61 ug/ml



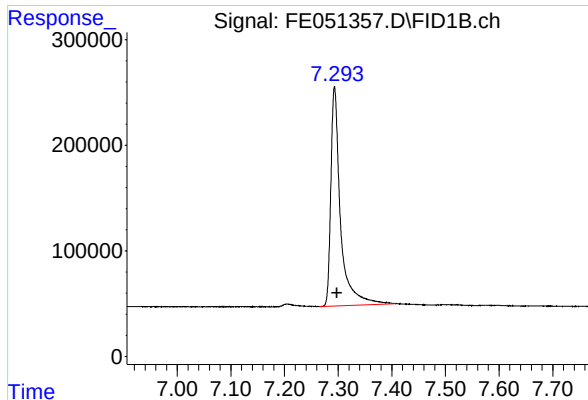
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 2804137
Conc: 21.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.651 min
Delta R.T.: -0.006 min
Response: 3028712
Conc: 21.45 ug/ml



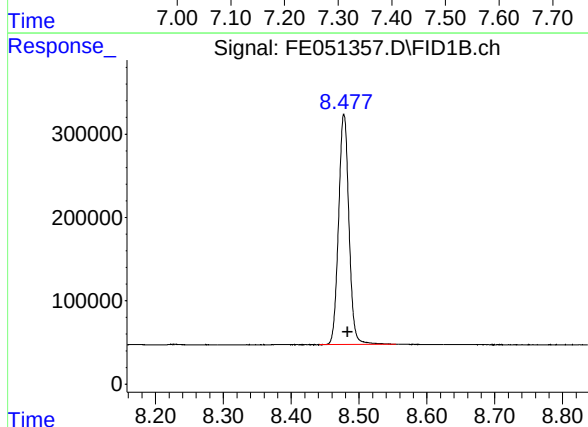
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 2603236
Conc: 20.81 ug/ml

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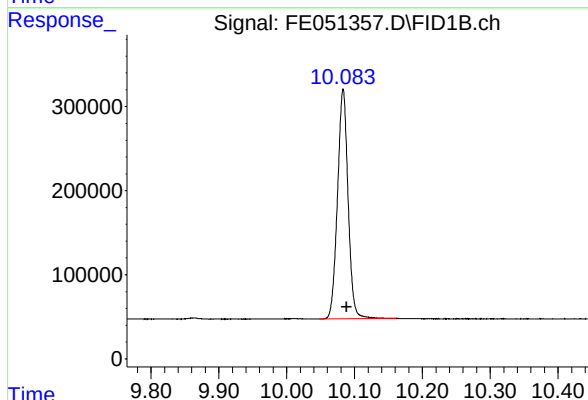
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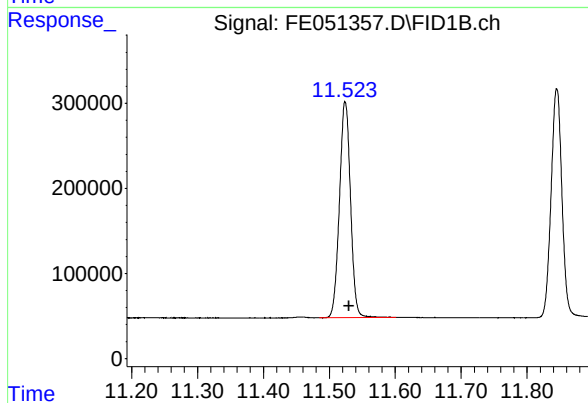
#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.005 min
Response: 2939707
Conc: 21.09 ug/ml



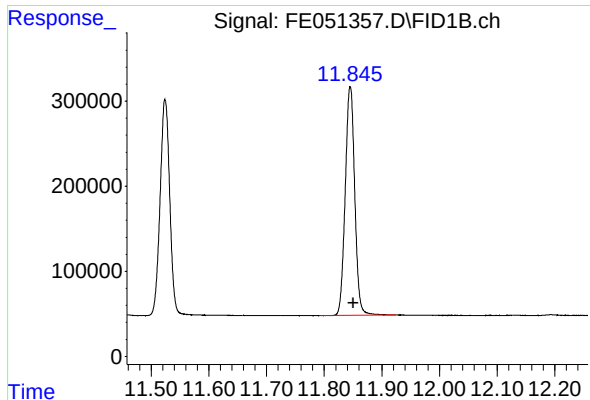
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.005 min
Response: 2961083
Conc: 20.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.006 min
Response: 2960997
Conc: 20.73 ug/ml



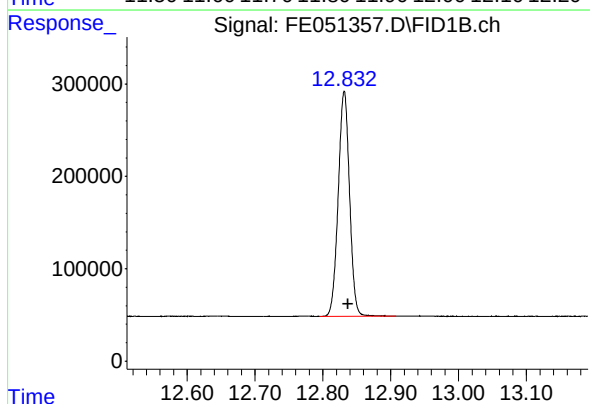
#9 ortho-Terphenyl (SURR)

R.T.: 11.845 min
Delta R.T.: -0.005 min
Response: 3085407
Conc: 20.56 ug/ml

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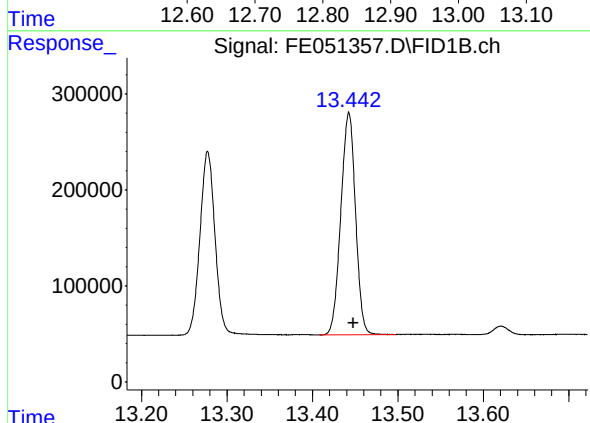
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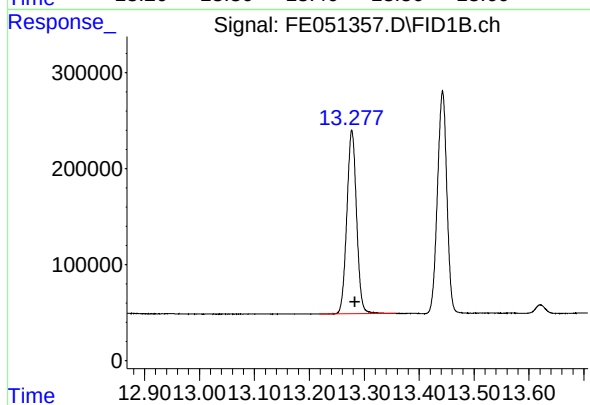
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.005 min
Response: 2825764
Conc: 20.65 ug/ml



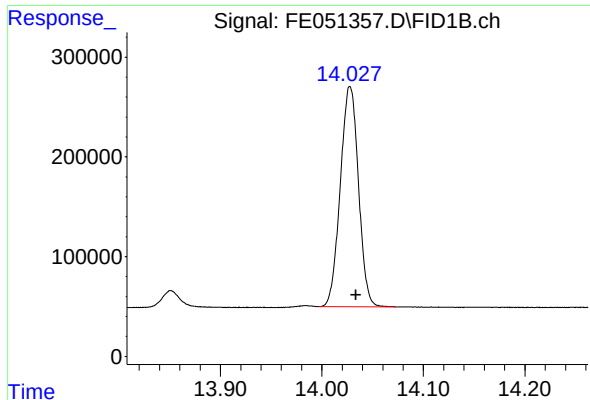
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.005 min
Response: 2756209
Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.006 min
Response: 2344561
Conc: 20.65 ug/ml



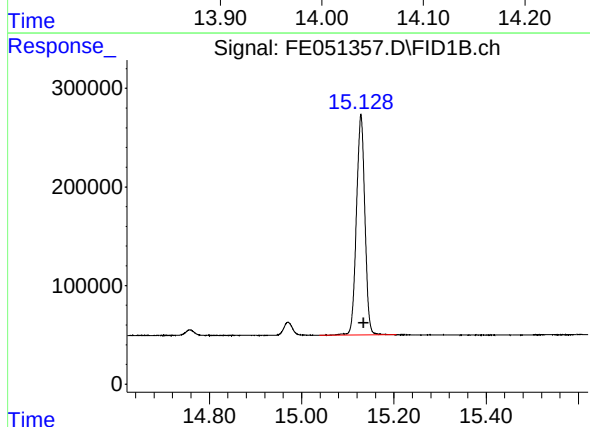
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.007 min
Response: 2745463
Conc: 20.65 ug/ml

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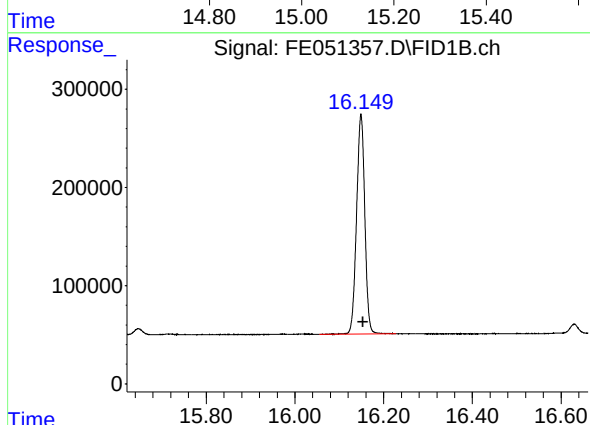
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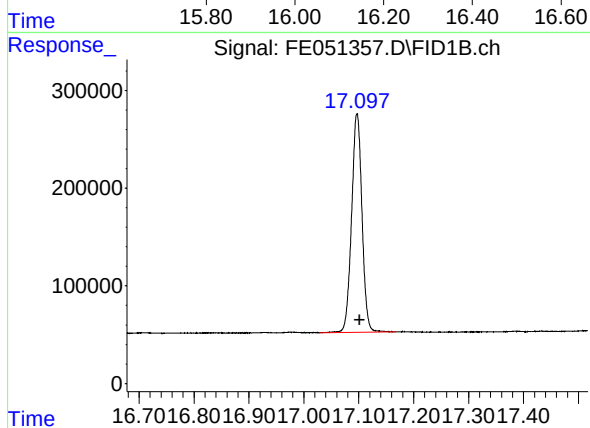
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.006 min
Response: 2845126
Conc: 21.45 ug/ml



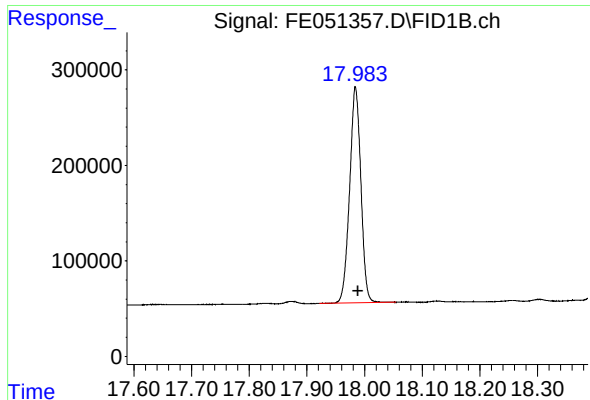
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: -0.005 min
Response: 2881654
Conc: 21.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.097 min
Delta R.T.: -0.005 min
Response: 2944743
Conc: 21.60 ug/ml



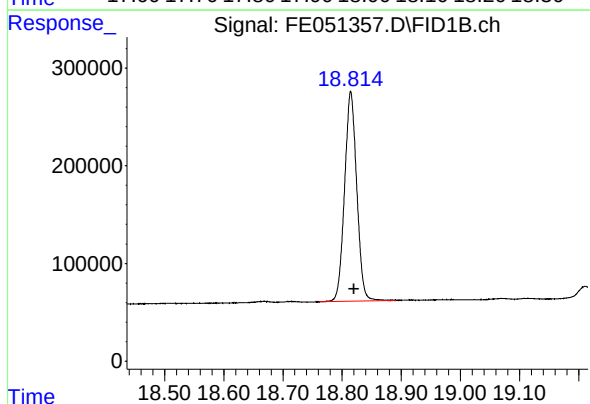
#17 n-Tricontane (C30)

R.T.: 17.984 min
Delta R.T.: -0.005 min
Response: 3070452
Conc: 21.13 ug/ml

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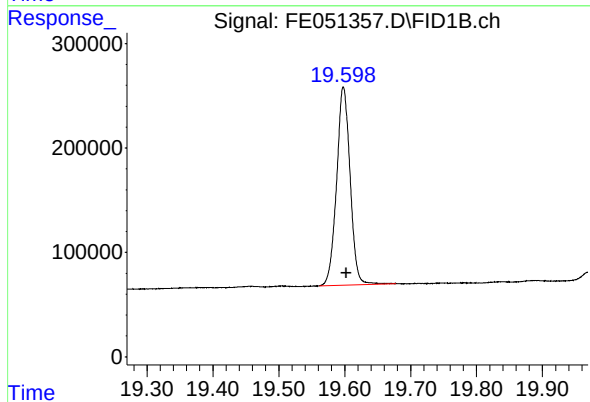
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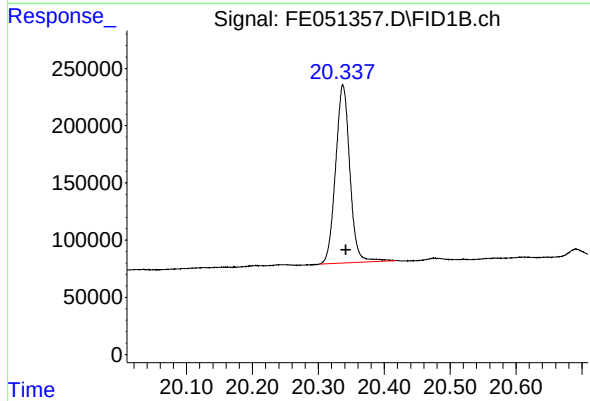
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: -0.005 min
Response: 3065239
Conc: 20.64 ug/ml



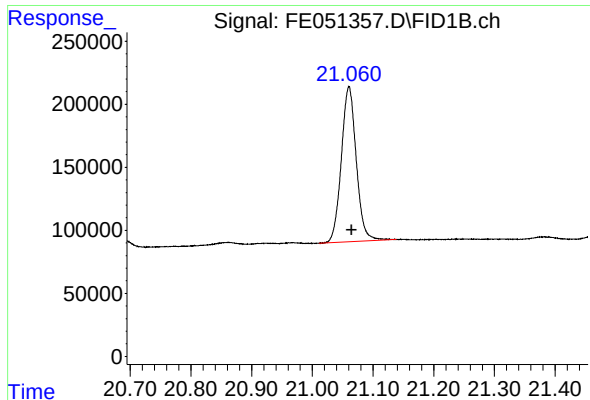
#19 n-Tetratriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.004 min
Response: 2702163
Conc: 20.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.337 min
Delta R.T.: -0.004 min
Response: 2335994
Conc: 19.58 ug/ml



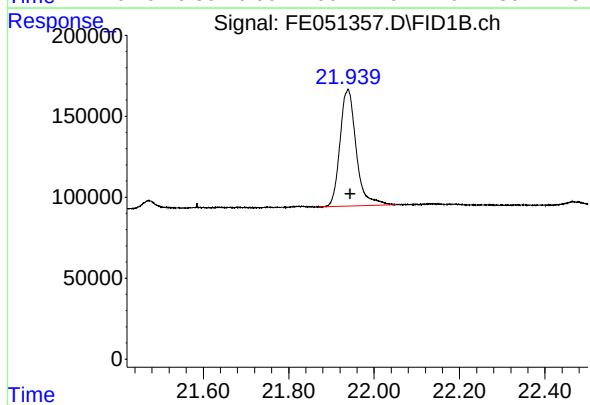
#21 n-Octatriacontane (C38)

R.T.: 21.060 min
Delta R.T.: -0.005 min
Response: 2102012
Conc: 18.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: -0.006 min
Response: 1888925
Conc: 16.98 ug/ml