

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112024AL\
 Data File : FE051360.D
 Signal(s) : FID1B.ch
 Acq On : 20 Nov 2024 12:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e
 Quant Time: Nov 21 01:39:29 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	3220597	21.457 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
12) S 1-chlorooctadecane (S...	13.277	2443409	21.522 ug/ml
Spiked Amount 50.000		Recovery =	43.04%
Target Compounds			
1) T n-Nonane (C9)	3.233	2813923	20.336 ug/ml
2) T n-Decane (C10)	4.481	2855649	20.372 ug/ml
3) T A~Naphthalene (C11.7)	6.196	2785589	21.127 ug/ml
4) T n-Dodecane (C12)	6.648	2894936	20.503 ug/ml
5) T A~2-methylnaphthalene...	7.291	2692806	21.526 ug/mlm
6) T n-Tetradecane (C14)	8.475	2866769	20.570 ug/ml
7) T n-Hexadecane (C16)	10.081	2954529	20.820 ug/ml
8) T n-Octadecane (C18)	11.523	3040206	21.289 ug/mlm
10) T n-Eicosane (C20)	12.830	2972848	21.723 ug/ml
11) T n-Heneicosane (C21)	13.441	2908114	21.760 ug/ml
13) T n-Docosane (C22)	14.026	2895463	21.779 ug/ml
14) T n-Tetracosane (C24)	15.128	2880518	21.714 ug/ml
15) T n-Hexacosane (C26)	16.148	2826418	21.113 ug/ml
16) T n-Octacosane (C28)	17.096	2765265	20.284 ug/ml
17) T n-Tricontane (C30)	17.983	2776780	19.112 ug/ml
18) T n-Dotriacontane (C32)	18.815	2665197	17.950 ug/ml
19) T n-Tetratriacontane (C34)	19.597	2320629	17.271 ug/ml
20) T n-Hexatriacontane (C36)	20.337	1964644	16.466 ug/ml
21) T n-Octatriacontane (C38)	21.059	1900815	16.701 ug/ml
22) T n-Tetracontane (C40)	21.939	1708078	15.358 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

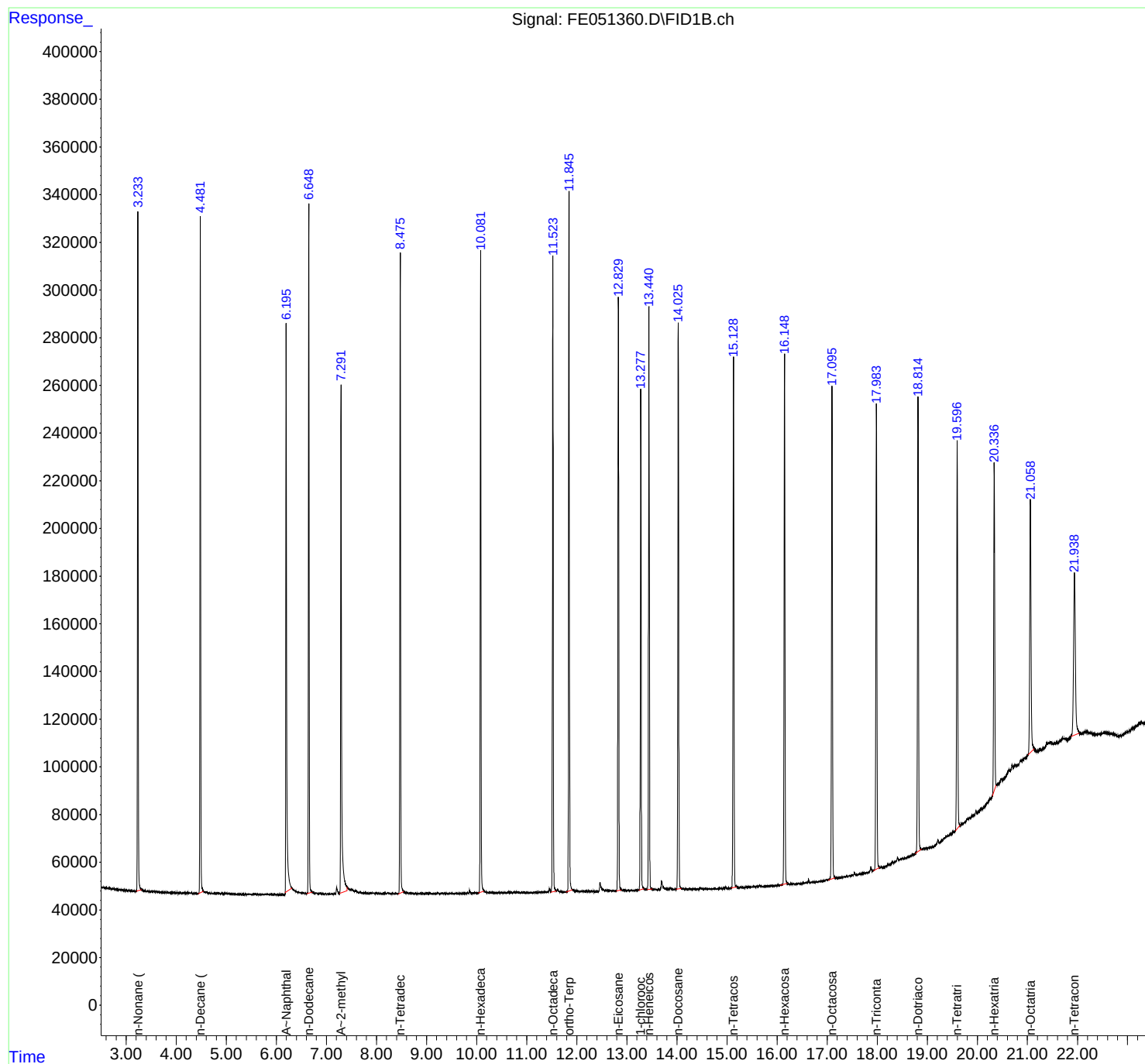
Instrument :
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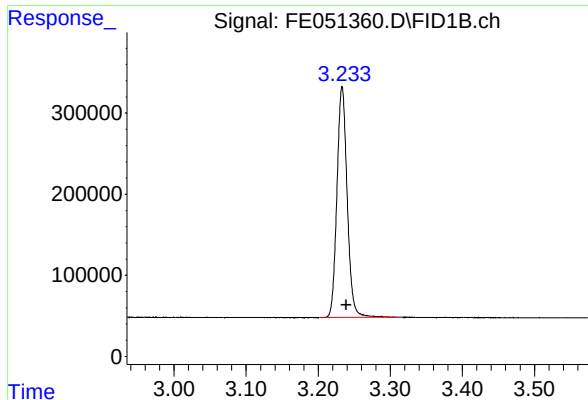
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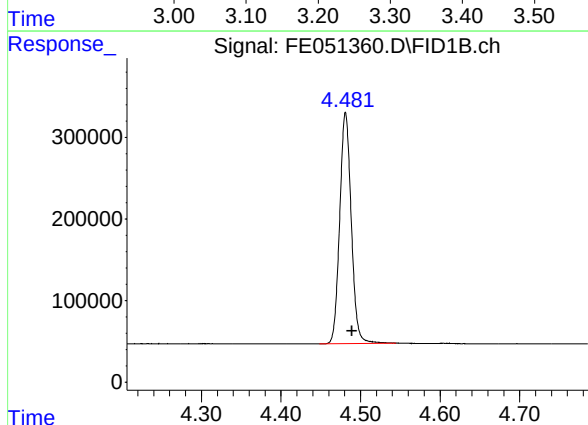
#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.006 min
Response: 2813923
Conc: 20.34 ug/ml

Instrument :
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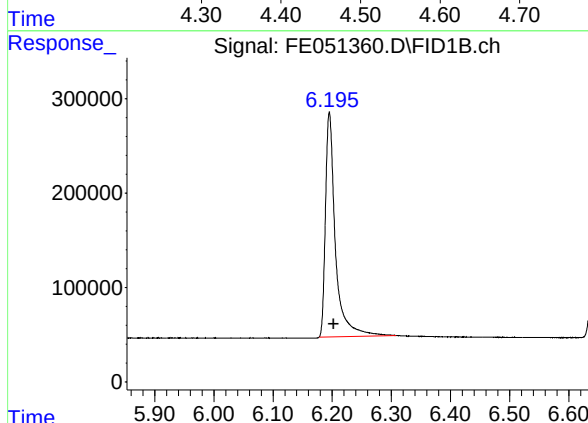
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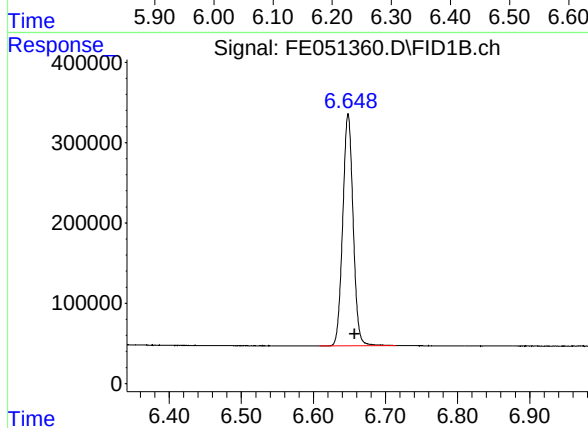
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.008 min
Response: 2855649
Conc: 20.37 ug/ml



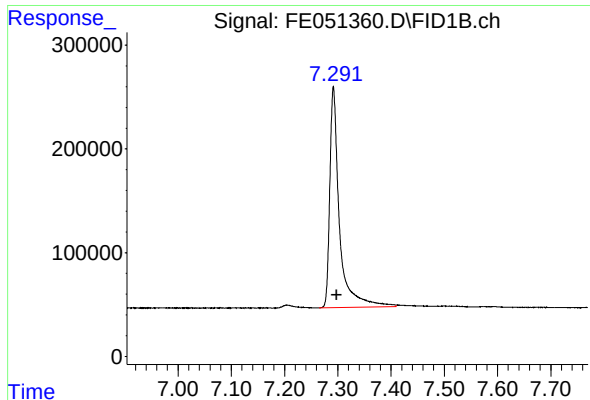
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: -0.006 min
Response: 2785589
Conc: 21.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.009 min
Response: 2894936
Conc: 20.50 ug/ml



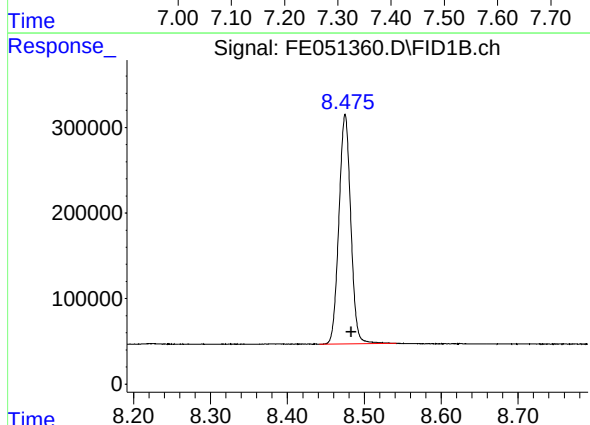
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.291 min
Delta R.T.: -0.007 min
Response: 2692806
Conc: 21.53 ug/ml

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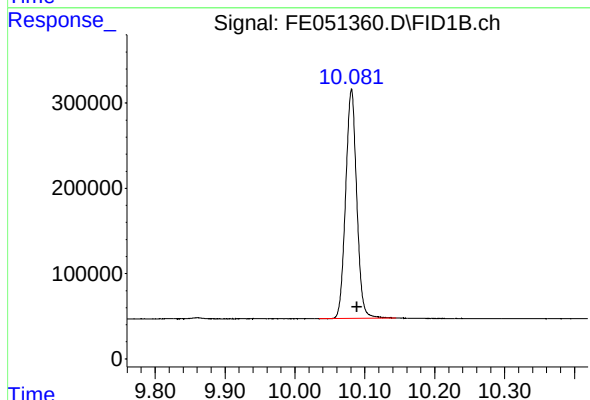
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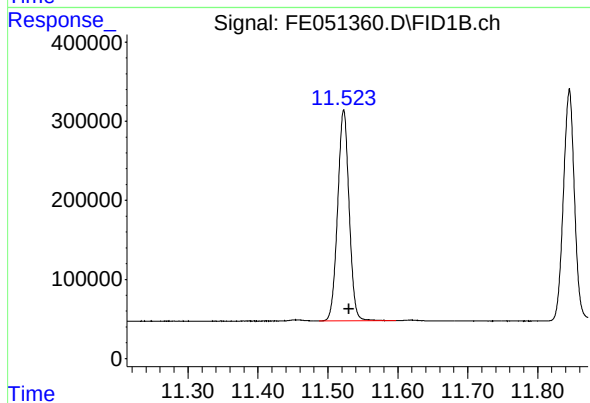
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.008 min
Response: 2866769
Conc: 20.57 ug/ml



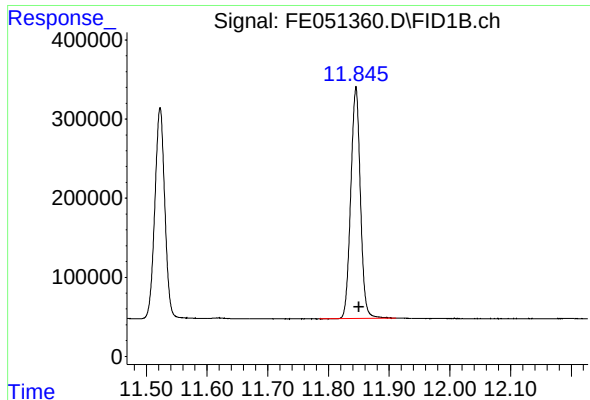
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.008 min
Response: 2954529
Conc: 20.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.007 min
Response: 3040206
Conc: 21.29 ug/ml m



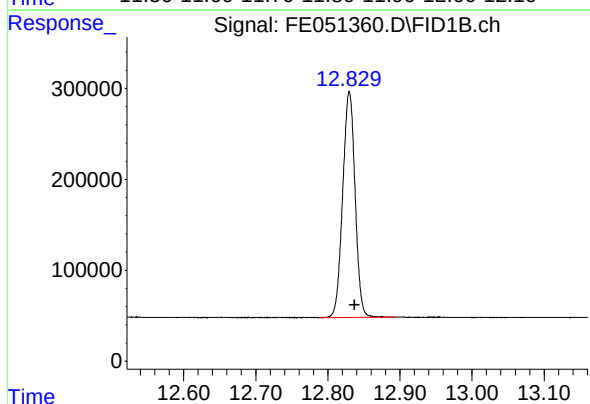
#9 ortho-Terphenyl (SURR)

R.T.: 11.845 min
Delta R.T.: -0.005 min
Response: 3220597
Conc: 21.46 ug/ml

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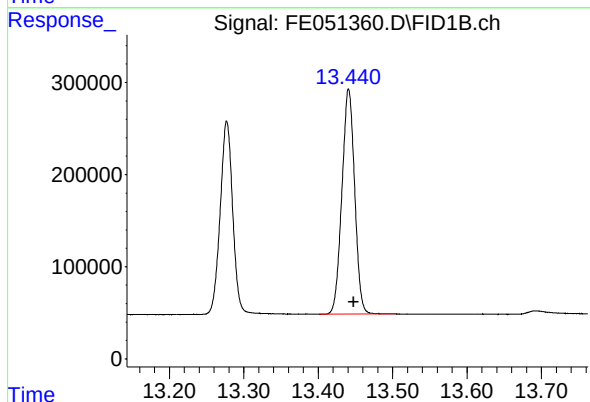
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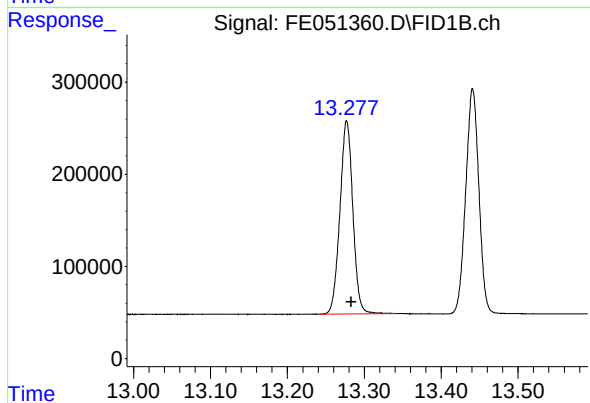
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.007 min
Response: 2972848
Conc: 21.72 ug/ml



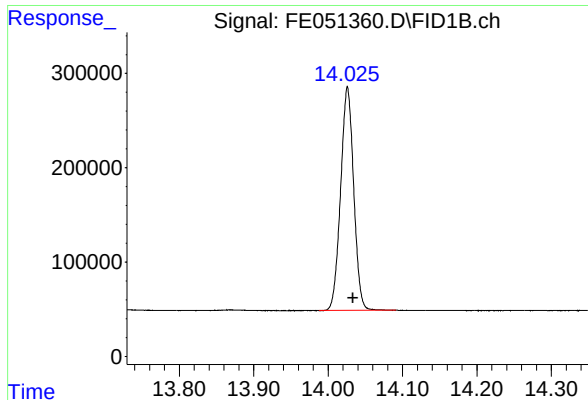
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.007 min
Response: 2908114
Conc: 21.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.277 min
Delta R.T.: -0.006 min
Response: 2443409
Conc: 21.52 ug/ml



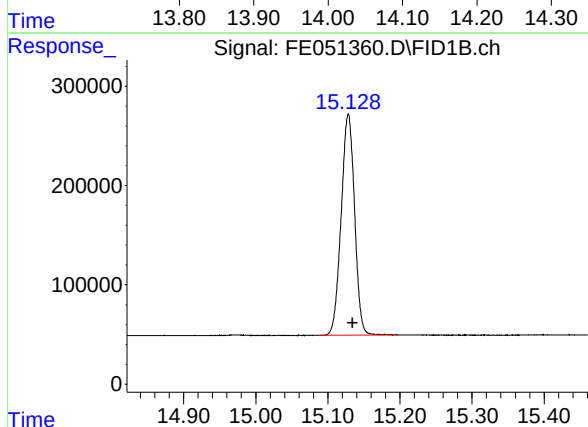
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.007 min
Response: 2895463
Conc: 21.78 ug/ml

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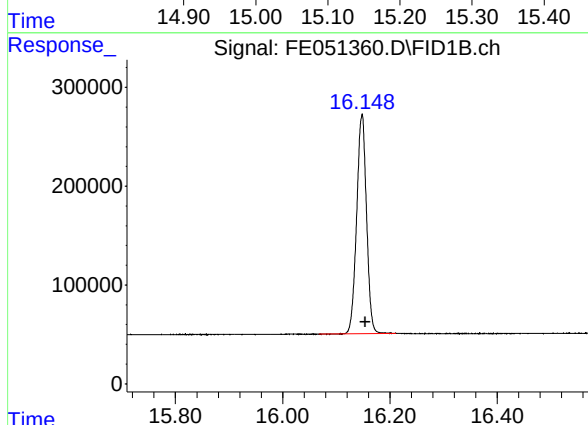
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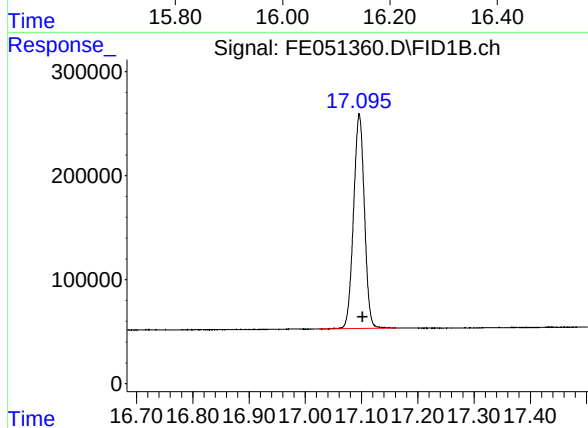
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.006 min
Response: 2880518
Conc: 21.71 ug/ml



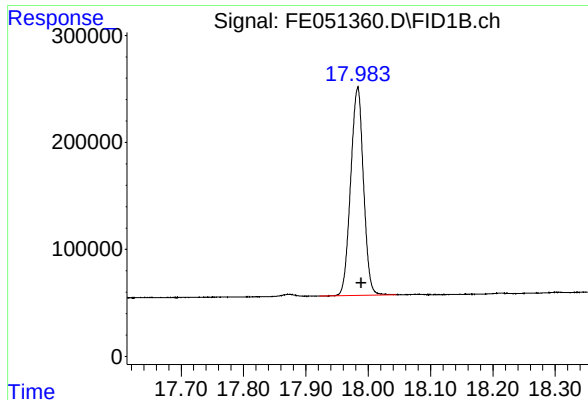
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: -0.006 min
Response: 2826418
Conc: 21.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.096 min
Delta R.T.: -0.006 min
Response: 2765265
Conc: 20.28 ug/ml



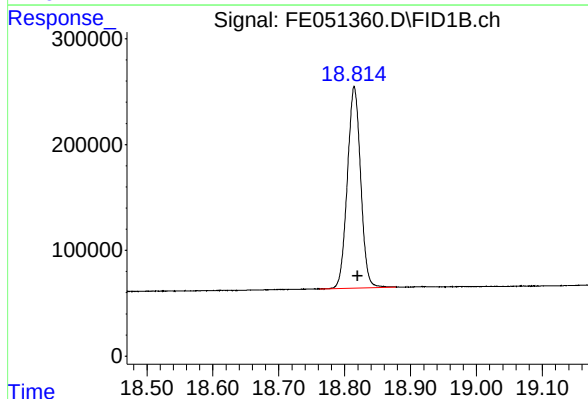
#17 n-Tricontane (C30)

R.T.: 17.983 min
Delta R.T.: -0.006 min
Response: 2776780
Conc: 19.11 ug/ml

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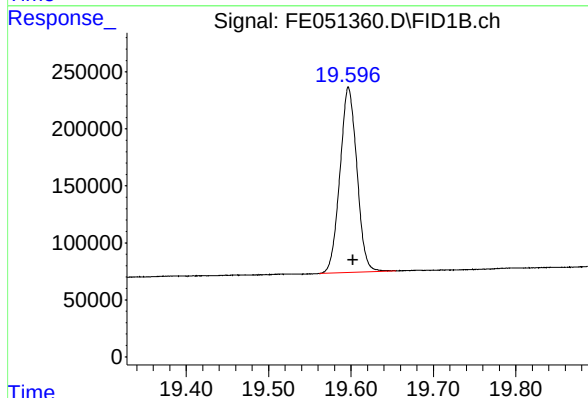
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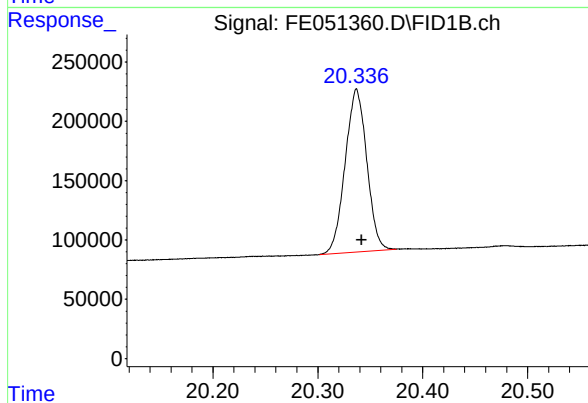
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: -0.005 min
Response: 2665197
Conc: 17.95 ug/ml



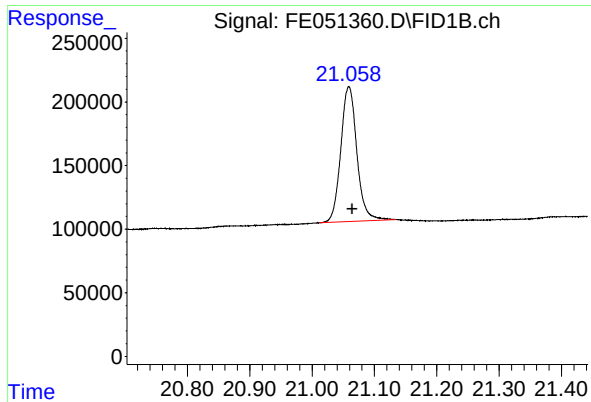
#19 n-Tetratriacontane (C34)

R.T.: 19.597 min
Delta R.T.: -0.005 min
Response: 2320629
Conc: 17.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.337 min
Delta R.T.: -0.005 min
Response: 1964644
Conc: 16.47 ug/ml



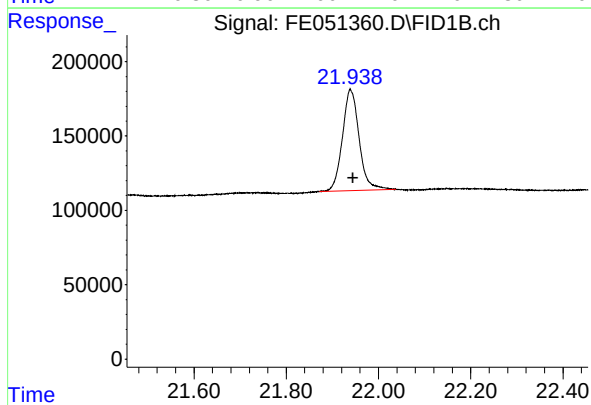
#21 n-Octatriacontane (C38)

R.T.: 21.059 min
Delta R.T.: -0.006 min
Response: 1900815
Conc: 16.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: -0.005 min
Response: 1708078
Conc: 15.36 ug/ml