

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
 Data File : FE052387.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2025 11:03
 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 02/17/2025
 Supervised By :Ankita Jodhani 02/17/2025

Integration File: autoint1.e
 Quant Time: Feb 14 21:57:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.915	3538546	18.930 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
12) S 1-chlorooctadecane (S...	13.361	2647389	19.047 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
Target Compounds			
1) T n-Nonane (C9)	3.254	2873839	18.722 ug/ml
2) T n-Decane (C10)	4.516	3039853	19.463 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3354386	19.415 ug/ml
4) T n-Dodecane (C12)	6.698	3088460	19.567 ug/ml
5) T A~2-methylnaphthalene...	7.330	3282194	19.543 ug/ml
6) T n-Tetradecane (C14)	8.535	3066980	19.471 ug/ml
7) T n-Hexadecane (C16)	10.150	3174976	19.426 ug/ml
8) T n-Octadecane (C18)	11.600	3200002	19.340 ug/ml
10) T n-Eicosane (C20)	12.916	3081445	19.329 ug/ml
11) T n-Heneicosane (C21)	13.529	3013654	19.236 ug/ml
13) T n-Docosane (C22)	14.118	3037210	19.407 ug/ml
14) T n-Tetracosane (C24)	15.225	3084306	19.612 ug/mlm
15) T n-Hexacosane (C26)	16.249	3076557	19.863 ug/ml
16) T n-Octacosane (C28)	17.202	3101157	20.274 ug/mlm
17) T n-Tricontane (C30)	18.092	3217245	20.610 ug/ml
18) T n-Dotriacontane (C32)	18.927	3126675	20.433 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2671880	18.781 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2226380	17.863 ug/mlm
21) T n-Octatriacontane (C38)	21.198	2028515	18.559 ug/mlm
22) T n-Tetracontane (C40)	22.120	1936982	19.256 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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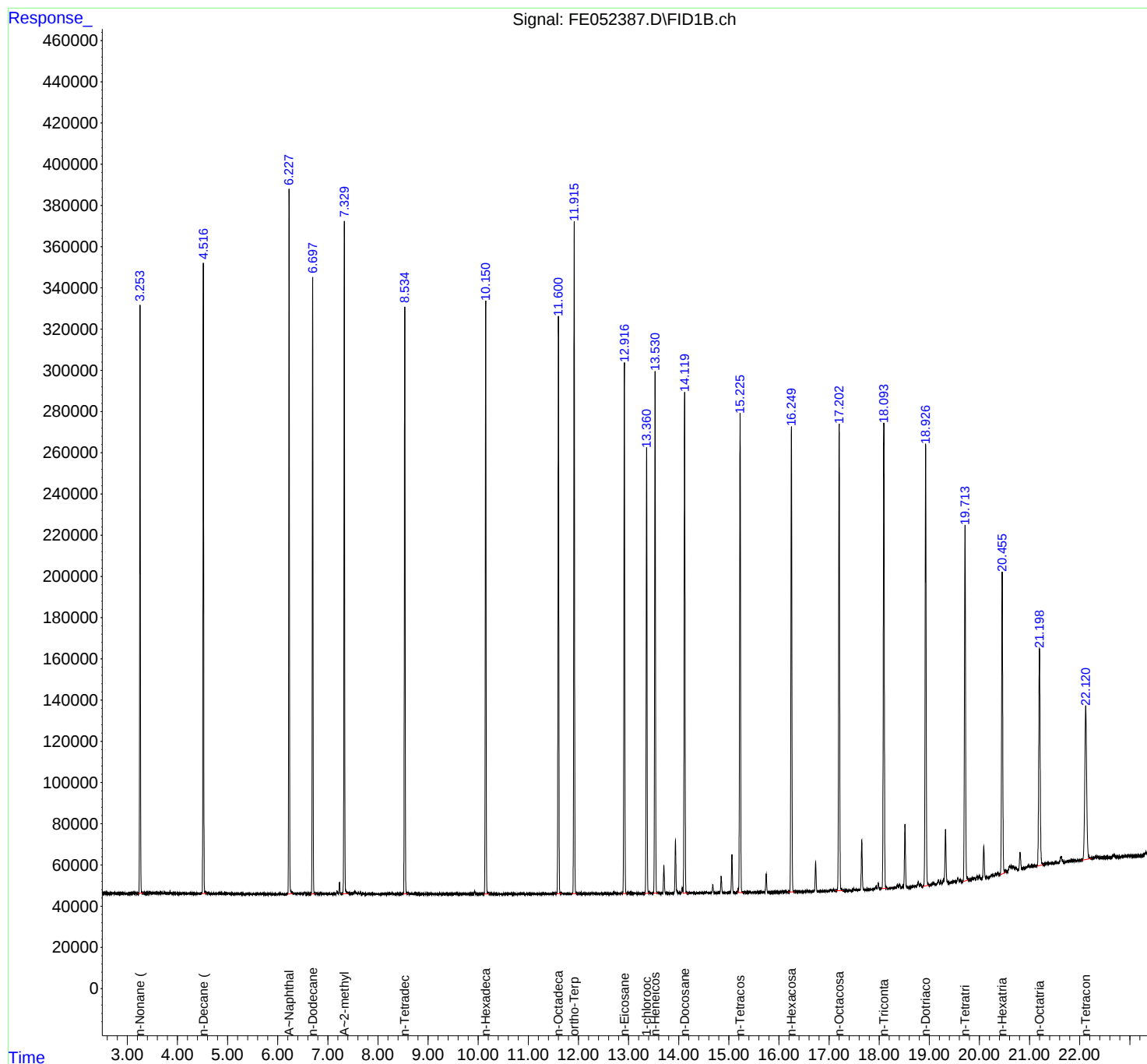
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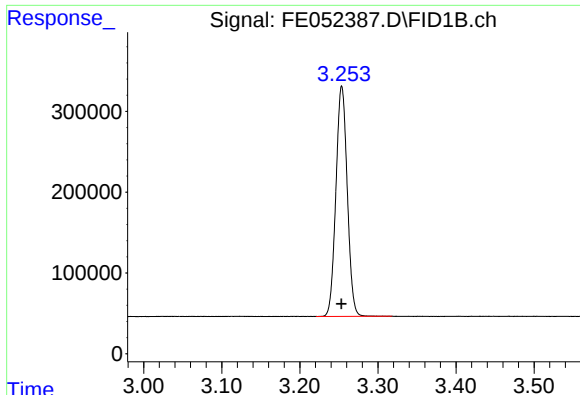
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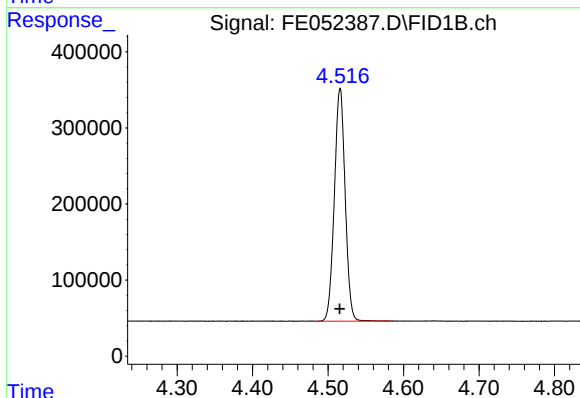
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: 0.000 min
Response: 2873839
Conc: 18.72 ug/ml

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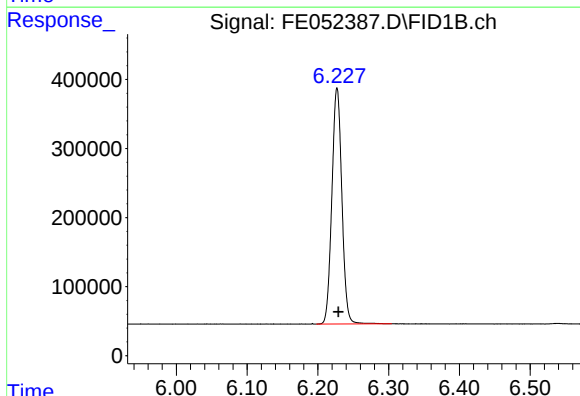
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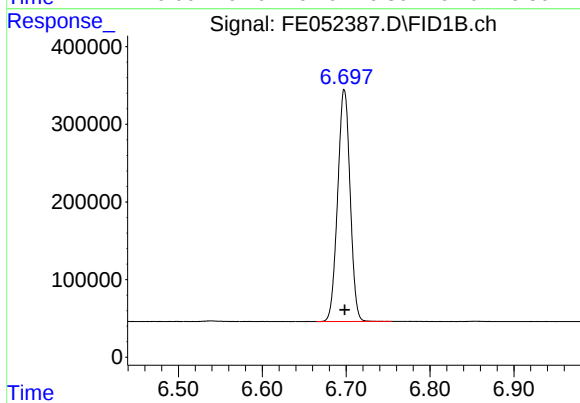
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 3039853
Conc: 19.46 ug/ml



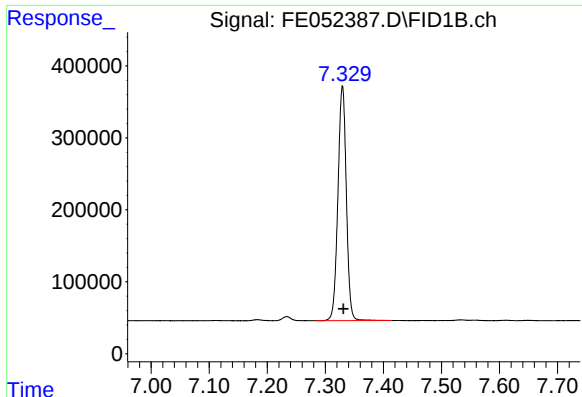
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 3354386
Conc: 19.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 3088460
Conc: 19.57 ug/ml



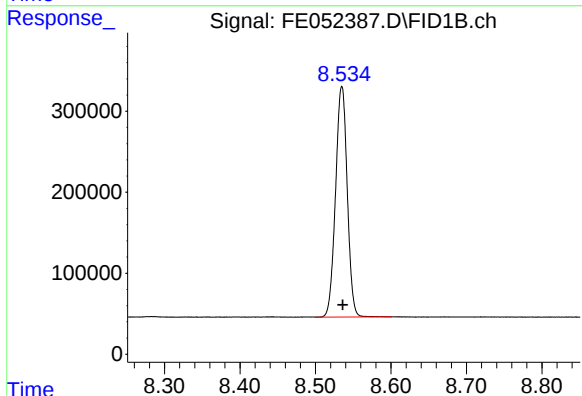
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.002 min
Response: 3282194
Conc: 19.54 ug/ml

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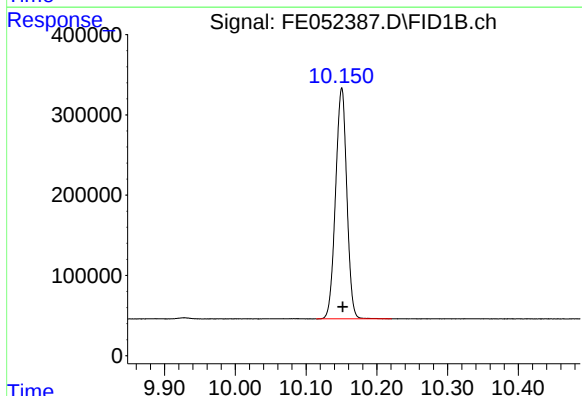
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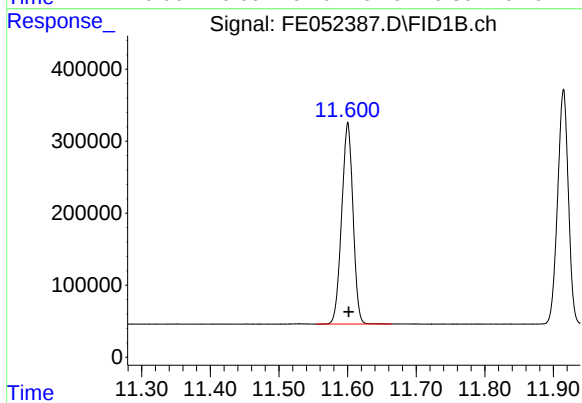
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: -0.001 min
Response: 3066980
Conc: 19.47 ug/ml



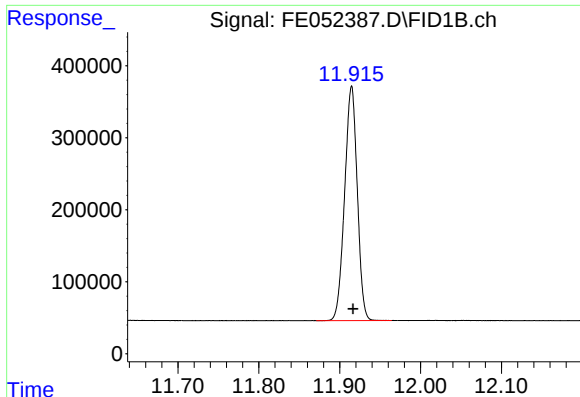
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.002 min
Response: 3174976
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 3200002
Conc: 19.34 ug/ml



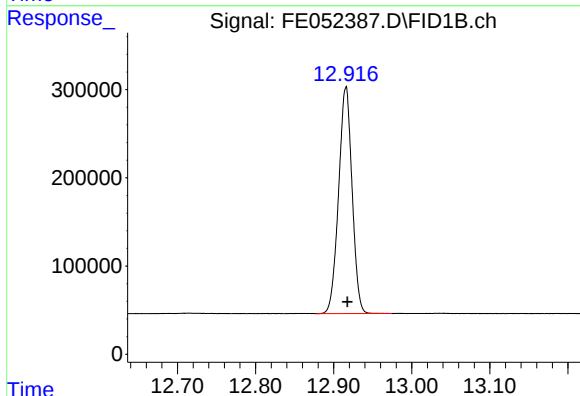
#9 ortho-Terphenyl (SURR)

R.T.: 11.915 min
Delta R.T.: -0.002 min
Response: 3538546
Conc: 18.93 ug/ml

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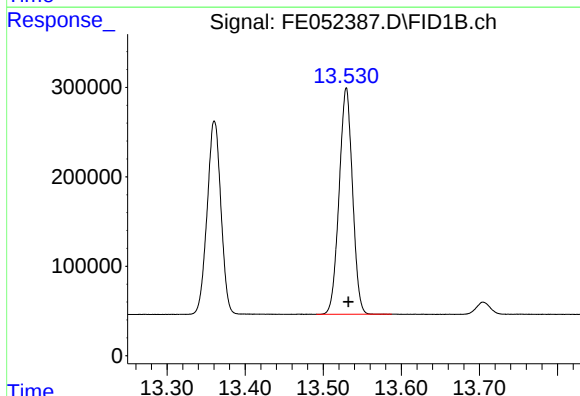
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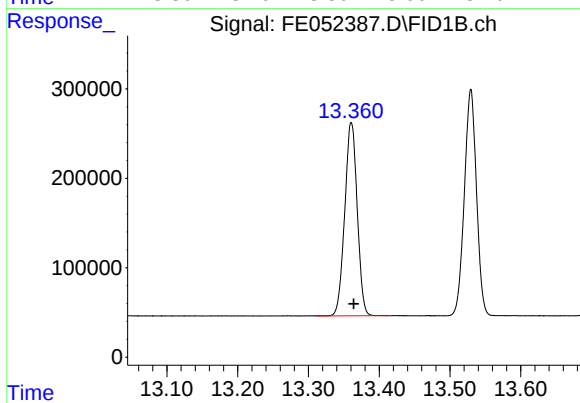
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.002 min
Response: 3081445
Conc: 19.33 ug/ml



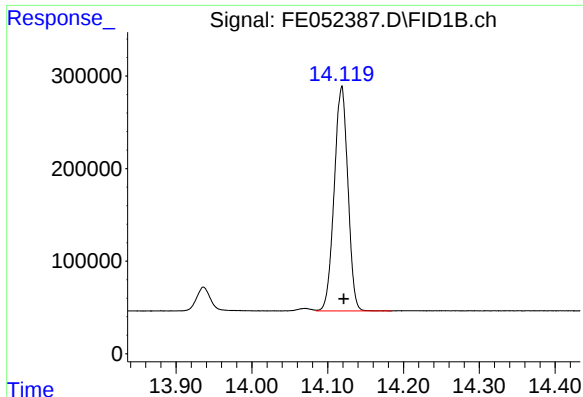
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.003 min
Response: 3013654
Conc: 19.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 2647389
Conc: 19.05 ug/ml



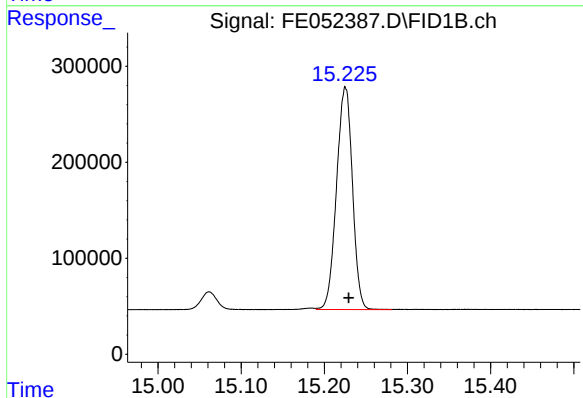
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.003 min
Response: 3037210
Conc: 19.41 ug/ml

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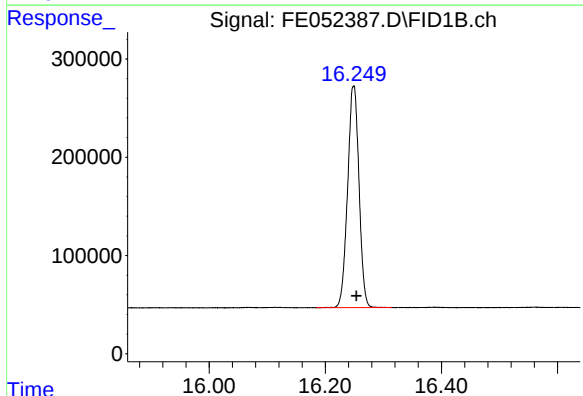
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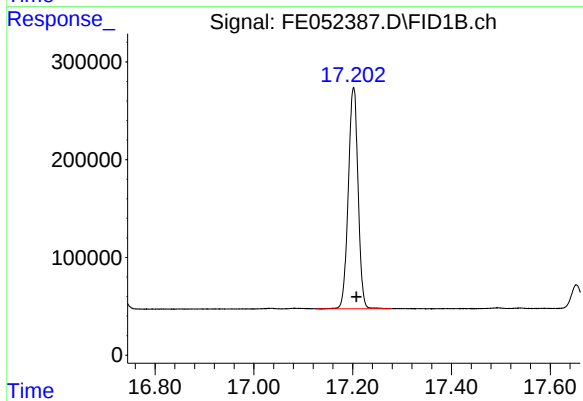
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.005 min
Response: 3084306
Conc: 19.61 ug/ml m



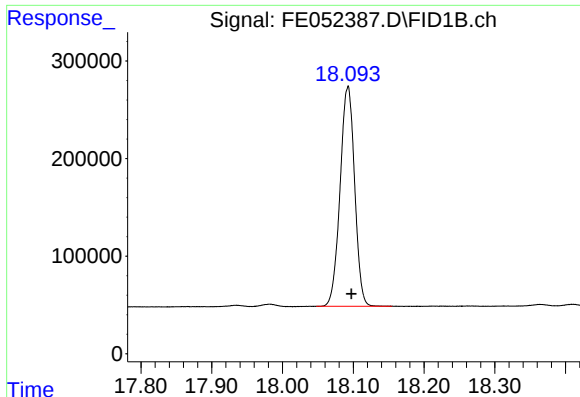
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.005 min
Response: 3076557
Conc: 19.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.006 min
Response: 3101157
Conc: 20.27 ug/ml m



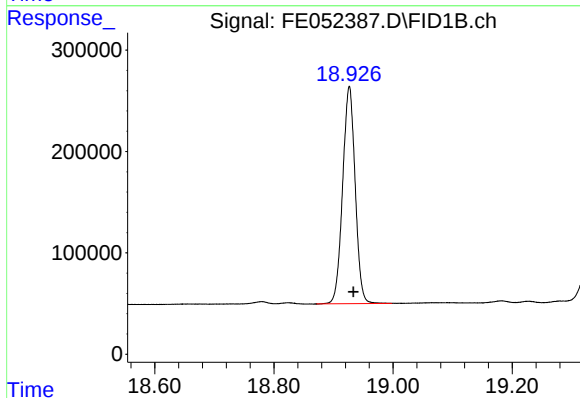
#17 n-Tricontane (C30)

R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 3217245
Conc: 20.61 ug/ml

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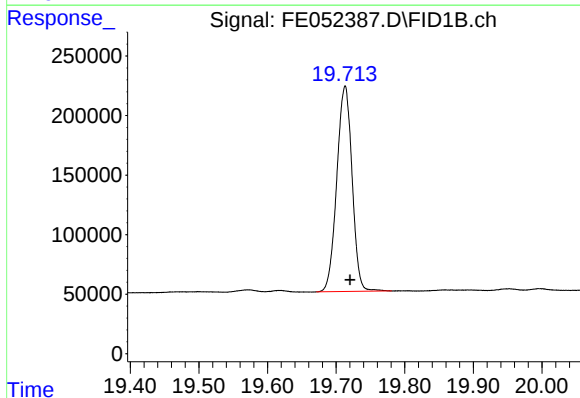
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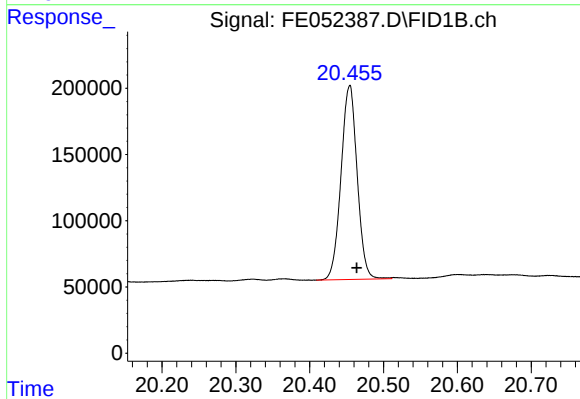
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.007 min
Response: 3126675
Conc: 20.43 ug/ml



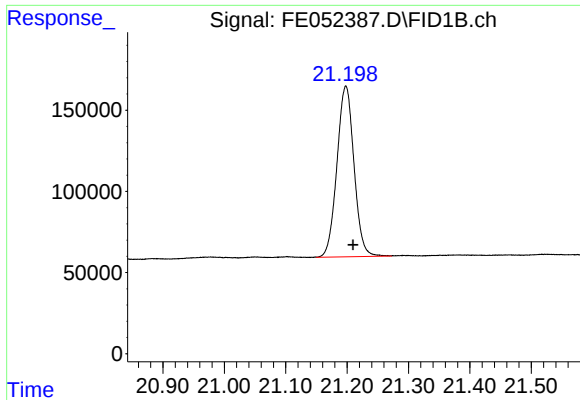
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.008 min
Response: 2671880
Conc: 18.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.009 min
Response: 2226380
Conc: 17.86 ug/ml m



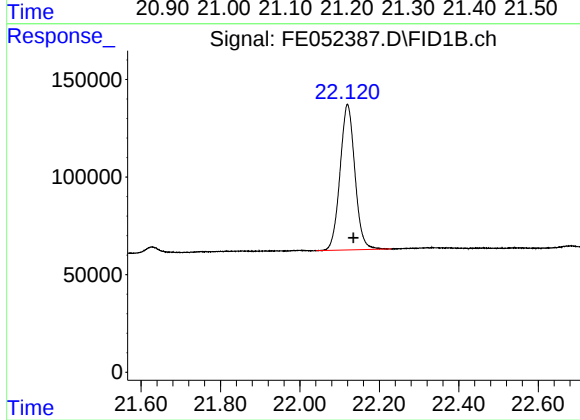
#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.012 min
Response: 2028515
Conc: 18.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.015 min
Response: 1936982
Conc: 19.26 ug/ml