

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110124AL\
 Data File : FE050964.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2024 12:24
 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 11/04/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: sample.E
 Quant Time: Nov 04 03:09:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.853	2885923	18.305 ug/mlm
Spiked Amount 50.000		Recovery =	36.61%
12) S 1-chlorooctadecane (S...	13.287	2202363	18.618 ug/ml
Spiked Amount 50.000		Recovery =	37.24%
Target Compounds			
1) T n-Nonane (C9)	3.244	2464238	17.441 ug/ml
2) T n-Decane (C10)	4.493	2556320	17.817 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2458120	17.191 ug/ml
4) T n-Dodecane (C12)	6.660	2585090	17.960 ug/ml
5) T A~2-methylnaphthalene...	7.301	2290998	17.293 ug/ml
6) T n-Tetradecane (C14)	8.487	2593453	18.128 ug/ml
7) T n-Hexadecane (C16)	10.092	2690971	18.285 ug/ml
8) T n-Octadecane (C18)	11.533	2754607	18.442 ug/ml
10) T n-Eicosane (C20)	12.841	2659877	18.549 ug/ml
11) T n-Heneicosane (C21)	13.451	2608569	18.575 ug/ml
13) T n-Docosane (C22)	14.037	2596710	18.509 ug/mlm
14) T n-Tetracosane (C24)	15.139	2605454	18.442 ug/ml
15) T n-Hexacosane (C26)	16.158	2644025	18.790 ug/ml
16) T n-Octacosane (C28)	17.108	2882270	19.697 ug/ml
17) T n-Tricontane (C30)	17.994	3315309	20.851 ug/ml
18) T n-Dotriacontane (C32)	18.826	3481146	21.473 ug/ml
19) T n-Tetratriacontane (C34)	19.608	3074989	20.934 ug/ml
20) T n-Hexatriacontane (C36)	20.346	2551536	20.120 ug/ml
21) T n-Octatriacontane (C38)	21.071	2243400	18.144 ug/ml
22) T n-Tetracontane (C40)	21.952	1888740	16.962 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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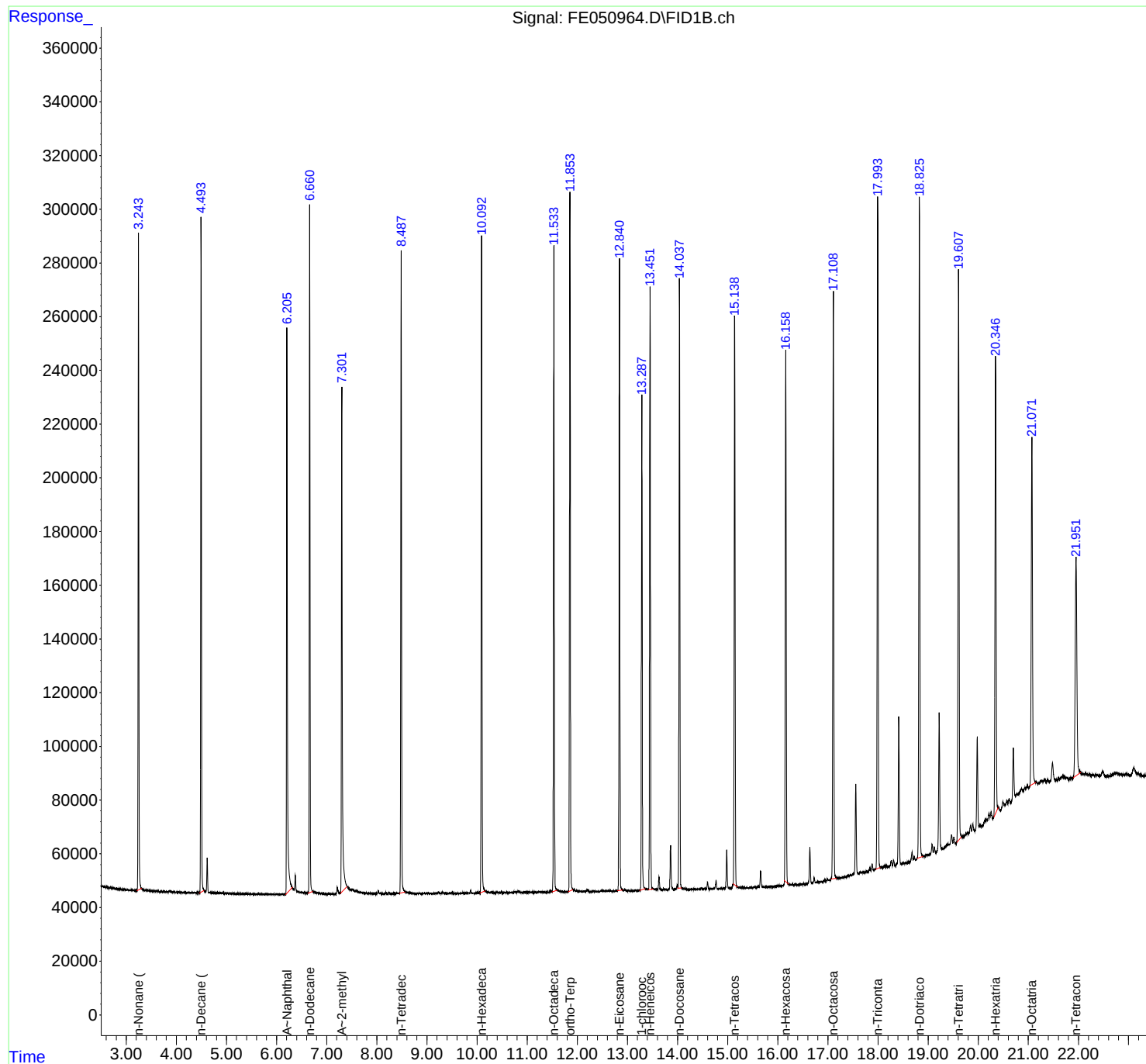
Instrument :
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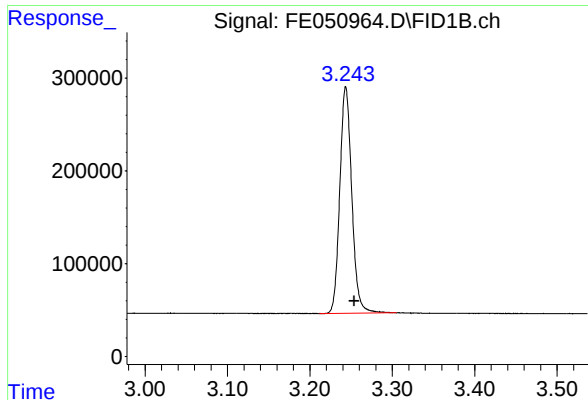
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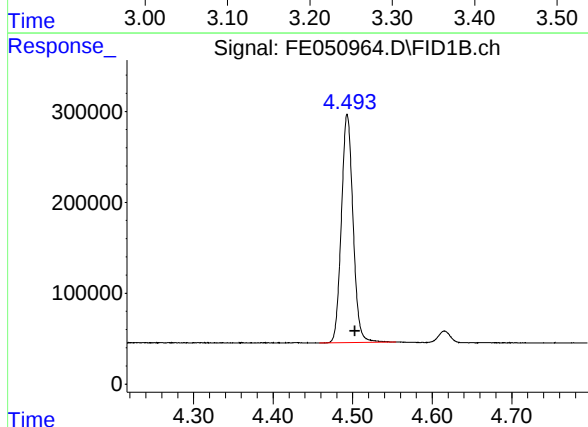
#1 n-Nonane (C9)

R.T.: 3.244 min
Delta R.T.: -0.010 min
Response: 2464238
Conc: 17.44 ug/ml

Instrument :
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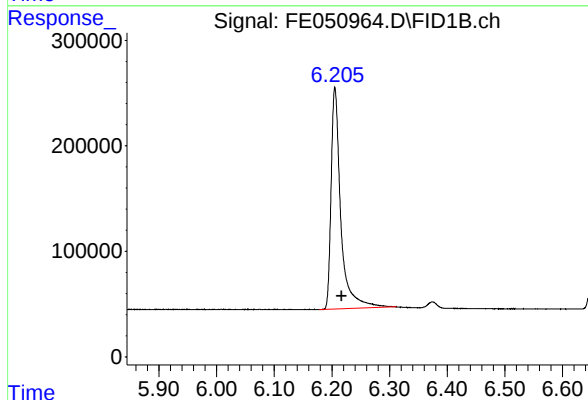
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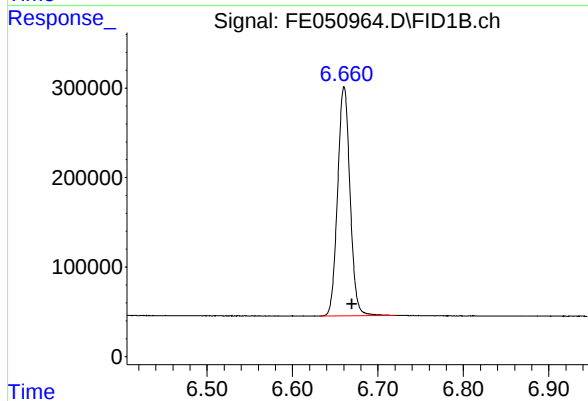
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.010 min
Response: 2556320
Conc: 17.82 ug/ml



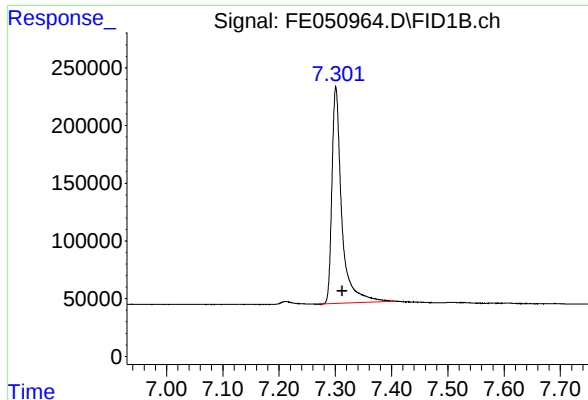
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: -0.011 min
Response: 2458120
Conc: 17.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.660 min
Delta R.T.: -0.009 min
Response: 2585090
Conc: 17.96 ug/ml



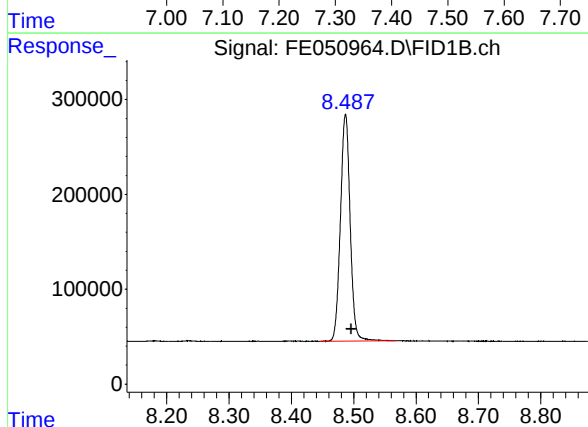
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.301 min
Delta R.T.: -0.012 min
Response: 2290998
Conc: 17.29 ug/ml

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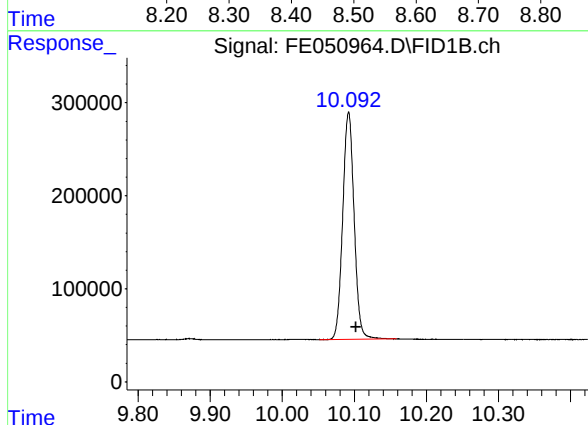
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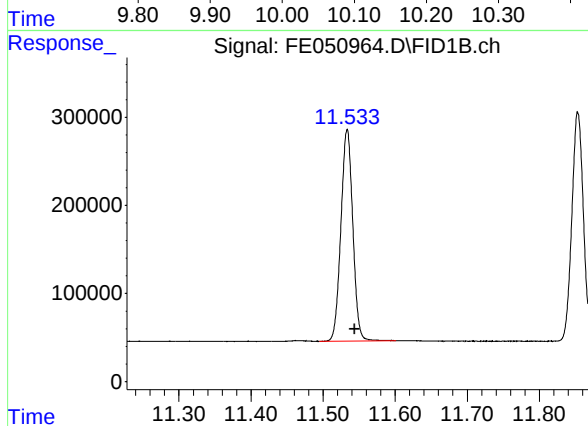
#6 n-Tetradecane (C14)

R.T.: 8.487 min
Delta R.T.: -0.010 min
Response: 2593453
Conc: 18.13 ug/ml



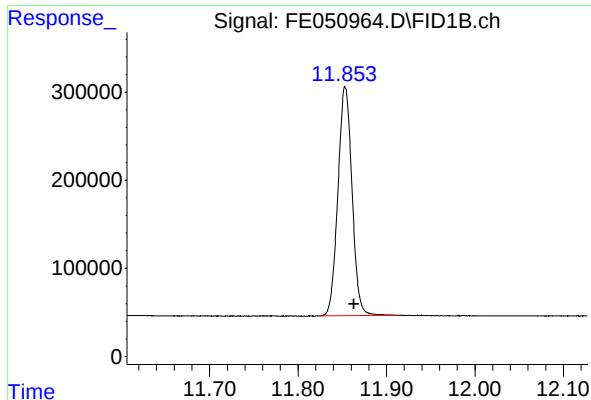
#7 n-Hexadecane (C16)

R.T.: 10.092 min
Delta R.T.: -0.010 min
Response: 2690971
Conc: 18.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.533 min
Delta R.T.: -0.010 min
Response: 2754607
Conc: 18.44 ug/ml



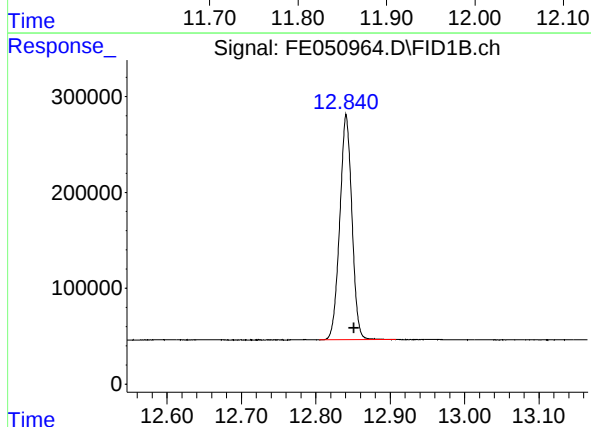
#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: -0.011 min
Response: 2885923
Conc: 18.31 ug/ml

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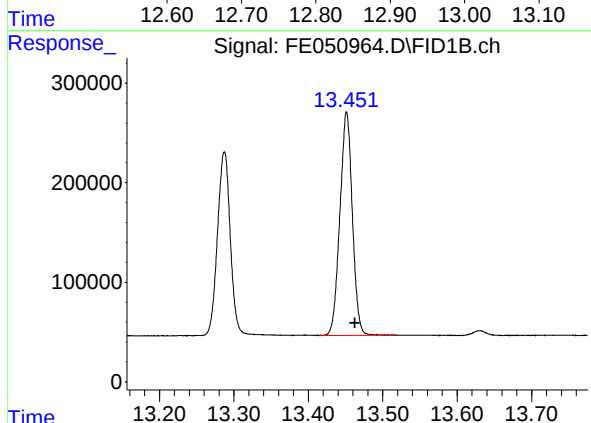
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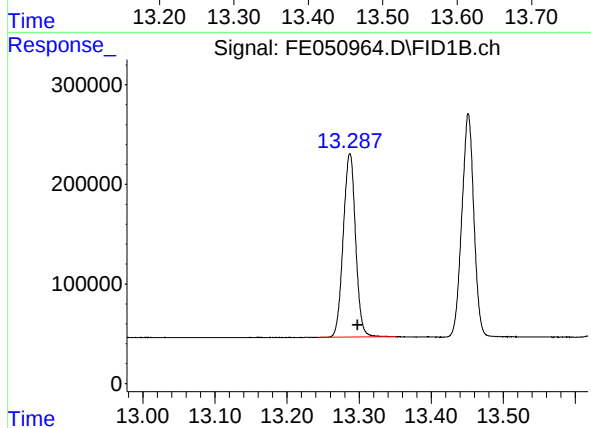
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.011 min
Response: 2659877
Conc: 18.55 ug/ml



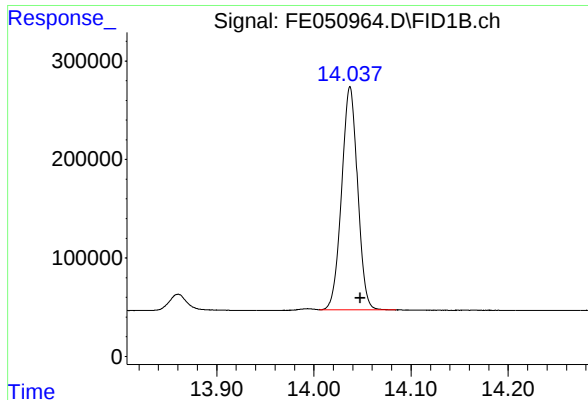
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.011 min
Response: 2608569
Conc: 18.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.011 min
Response: 2202363
Conc: 18.62 ug/ml



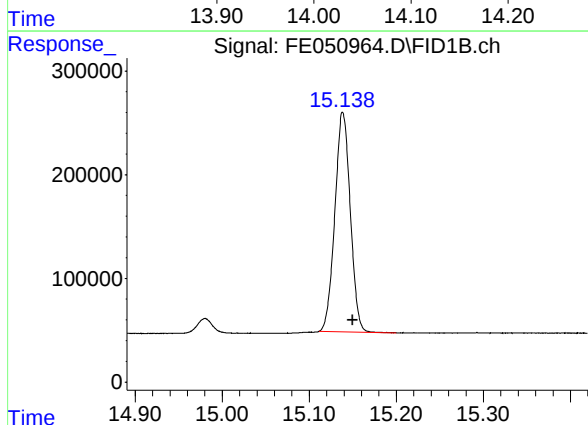
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.011 min
Response: 2596710
Conc: 18.51 ug/ml

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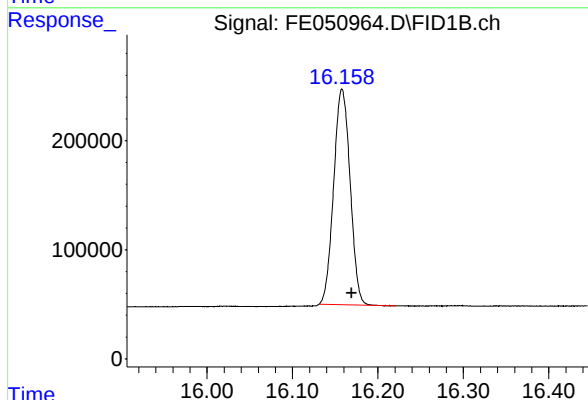
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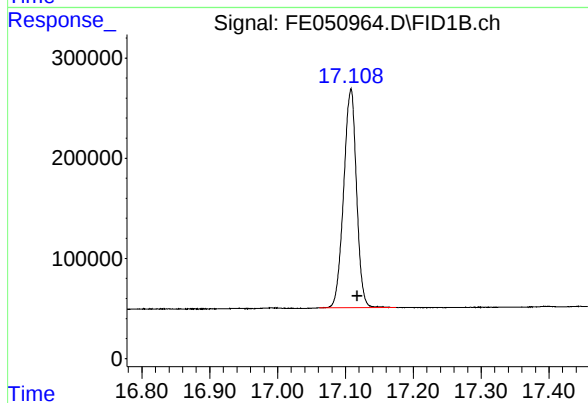
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.011 min
Response: 2605454
Conc: 18.44 ug/ml



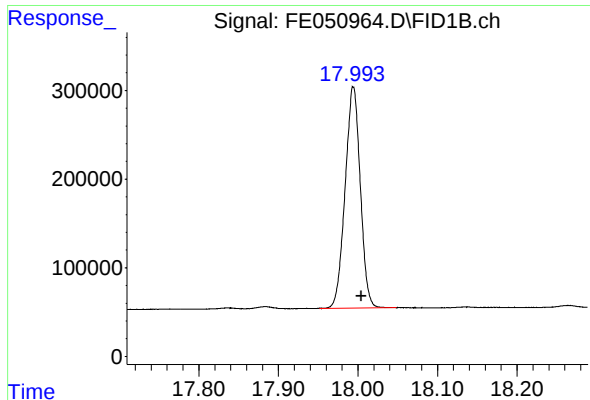
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.011 min
Response: 2644025
Conc: 18.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.010 min
Response: 2882270
Conc: 19.70 ug/ml



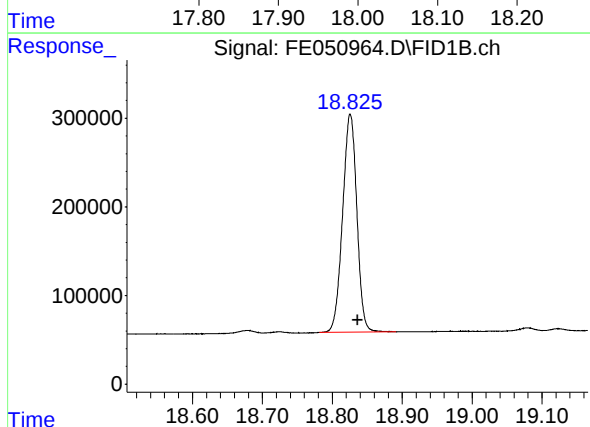
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.010 min
Response: 3315309
Conc: 20.85 ug/ml

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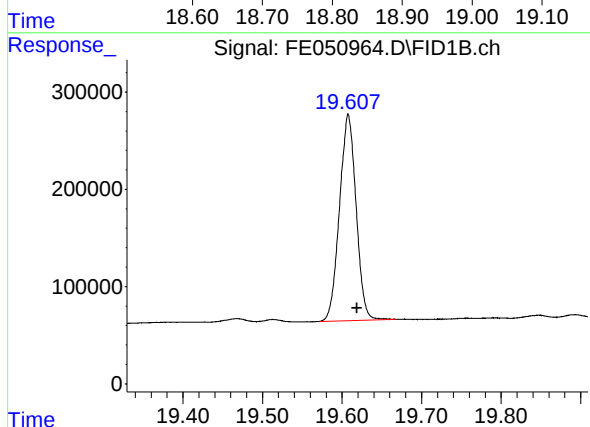
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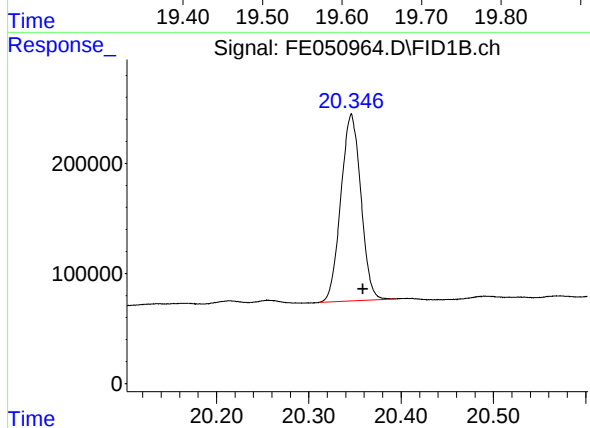
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.011 min
Response: 3481146
Conc: 21.47 ug/ml



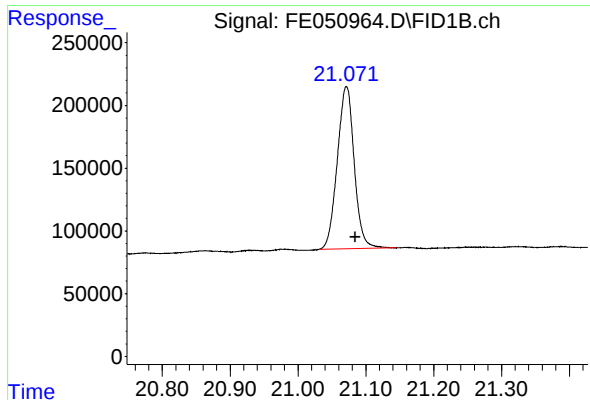
#19 n-Tetratriacontane (C34)

R.T.: 19.608 min
Delta R.T.: -0.011 min
Response: 3074989
Conc: 20.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: -0.012 min
Response: 2551536
Conc: 20.12 ug/ml



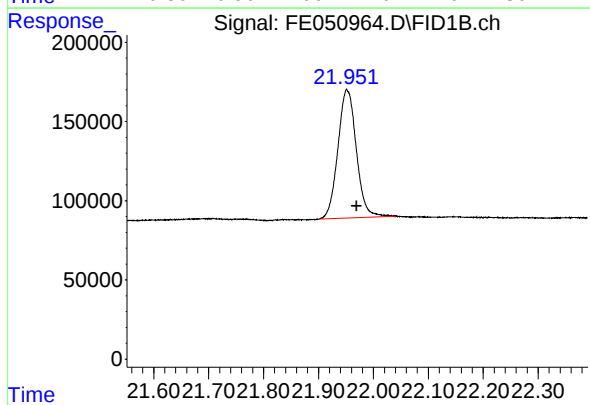
#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.013 min
Response: 2243400
Conc: 18.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.017 min
Response: 1888740
Conc: 16.96 ug/ml