

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040823AL\
 Data File : FE041257.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2023 11:52
 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 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 01:36:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 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)	11.837	3885675	20.675 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
12) S 1-chlorooctadecane (S...	13.276	2999331	20.846 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
Target Compounds			
1) T n-Nonane (C9)	3.239	3457854	19.928 ug/ml
2) T n-Decane (C10)	4.485	3481358	20.452 ug/ml
3) T A~Naphthalene (C11.7)	6.187	3798018	20.764 ug/ml
4) T n-Dodecane (C12)	6.648	3574268	20.606 ug/ml
5) T A~2-methylnaphthalene...	7.282	3539679	21.373 ug/ml
6) T n-Tetradecane (C14)	8.474	3585845	20.565 ug/ml
7) T n-Hexadecane (C16)	10.081	3681364	20.699 ug/ml
8) T n-Octadecane (C18)	11.522	3720377	20.836 ug/ml
10) T n-Eicosane (C20)	12.832	3587672	21.033 ug/ml
11) T n-Heneicosane (C21)	13.444	3550254	20.984 ug/ml
13) T n-Docosane (C22)	14.030	3520507	21.274 ug/ml
14) T n-Tetracosane (C24)	15.132	3516209	21.734 ug/ml
15) T n-Hexacosane (C26)	16.154	3420038	22.063 ug/ml
16) T n-Octacosane (C28)	17.105	3477109	22.699 ug/ml
17) T n-Tricontane (C30)	17.992	3624271	23.710 ug/ml
18) T n-Dotriacontane (C32)	18.827	3731421	23.900 ug/mlm
19) T n-Tetratriacontane (C34)	19.610	3596867	23.210 ug/mlm
20) T n-Hexatriacontane (C36)	20.351	3402912	22.403 ug/mlm
21) T n-Octatriacontane (C38)	21.075	3434985	21.988 ug/mlm
22) T n-Tetracontane (C40)	21.952	3538585	22.171 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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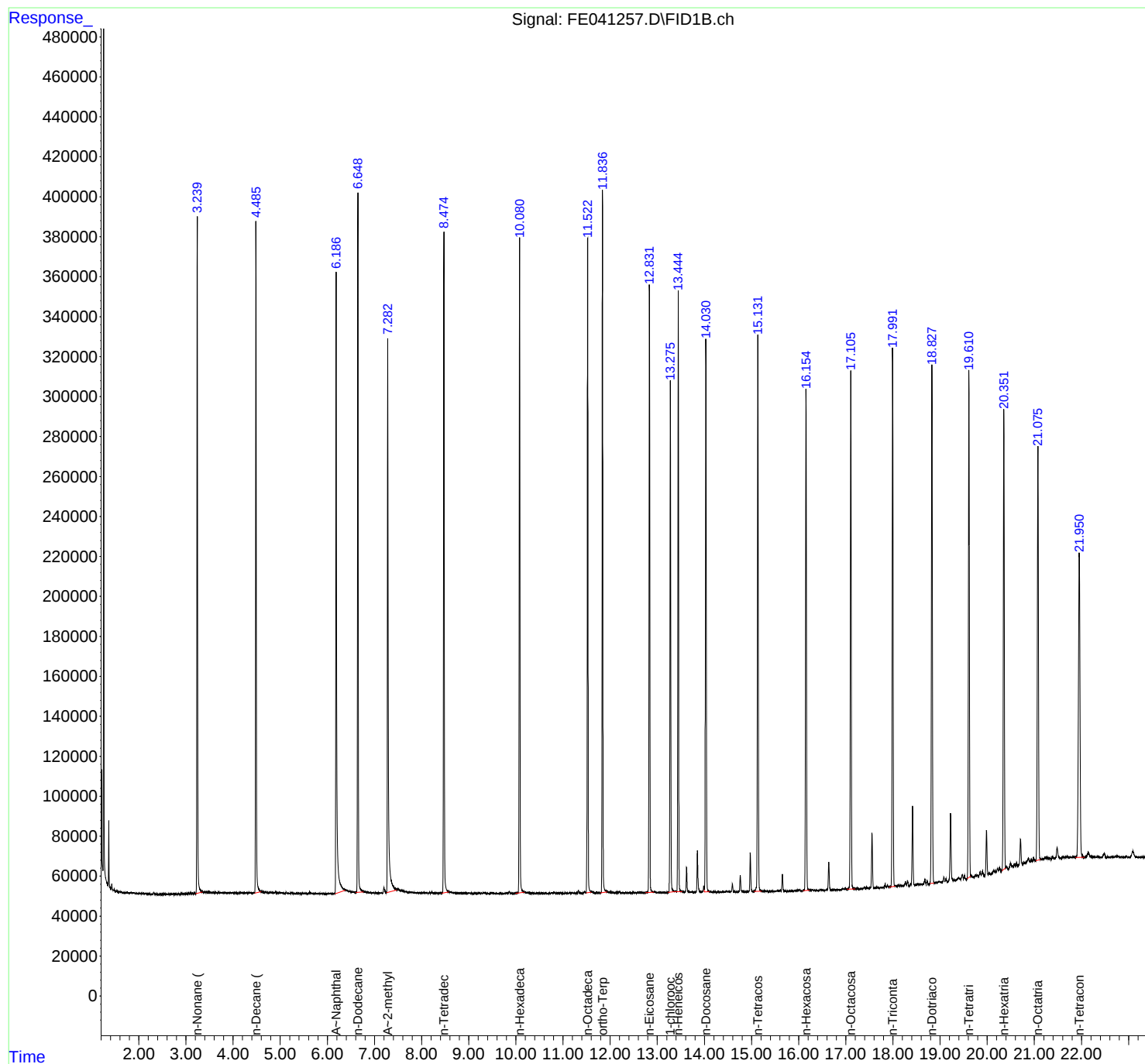
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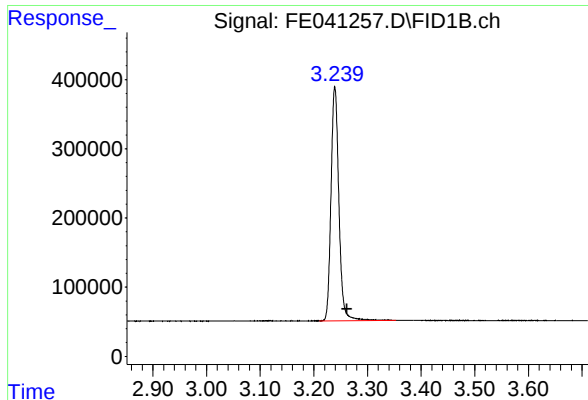
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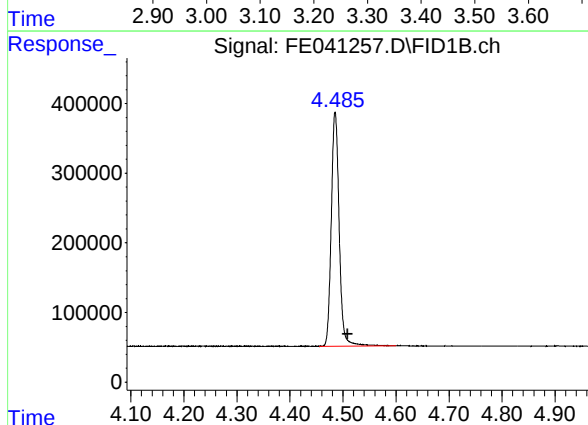
#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: -0.023 min
Response: 3457854
Conc: 19.93 ug/ml

Instrument :
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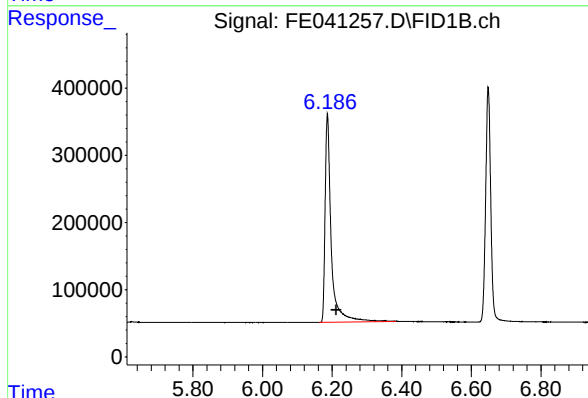
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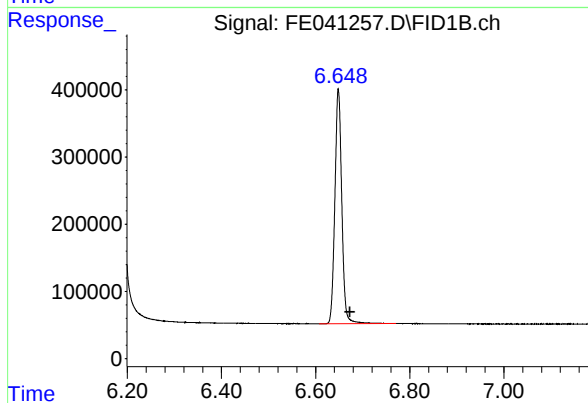
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.024 min
Response: 3481358
Conc: 20.45 ug/ml



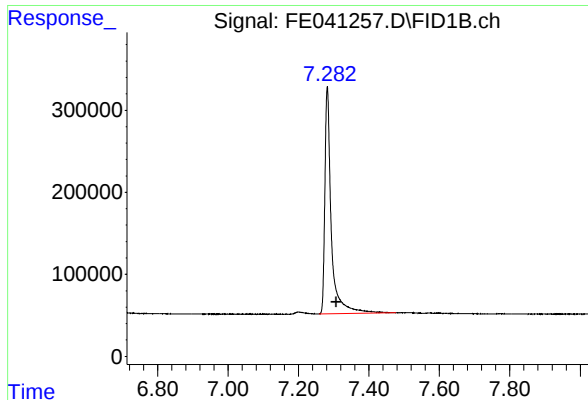
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.025 min
Response: 3798018
Conc: 20.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.025 min
Response: 3574268
Conc: 20.61 ug/ml



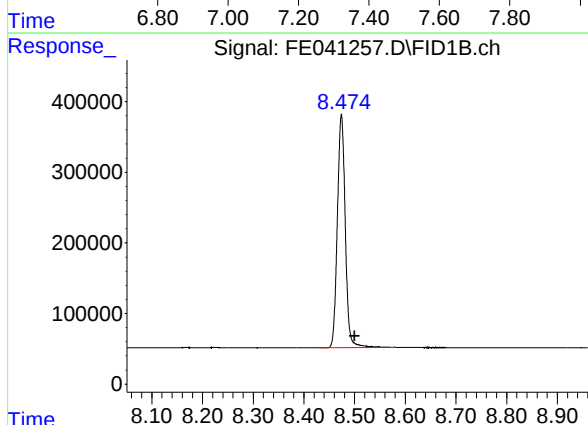
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.282 min
Delta R.T.: -0.026 min
Response: 3539679
Conc: 21.37 ug/ml

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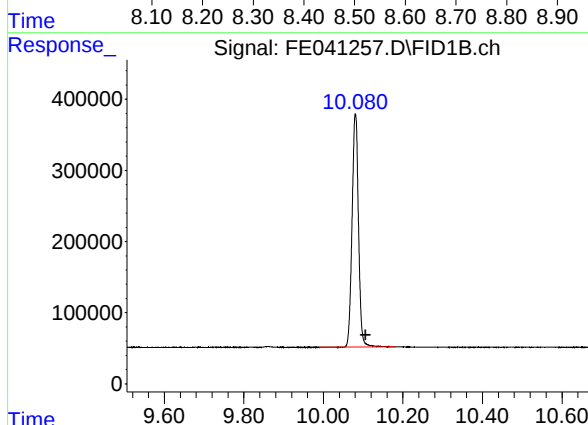
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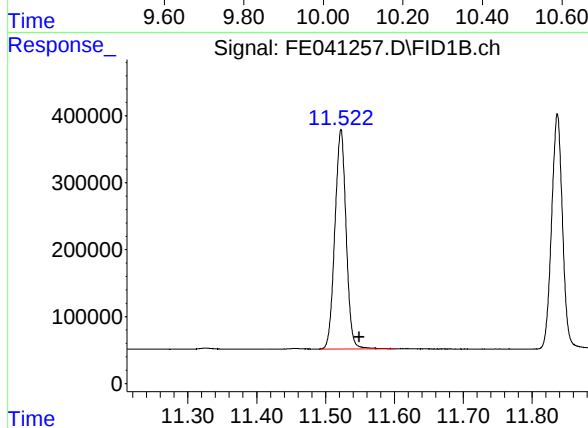
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.026 min
Response: 3585845
Conc: 20.57 ug/ml



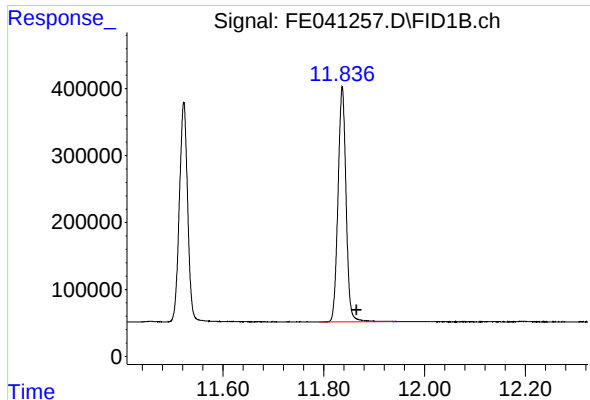
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.026 min
Response: 3681364
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.027 min
Response: 3720377
Conc: 20.84 ug/ml



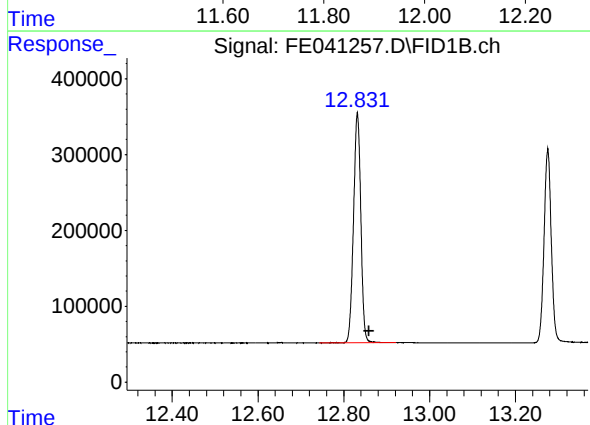
#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.028 min
Response: 3885675
Conc: 20.68 ug/ml

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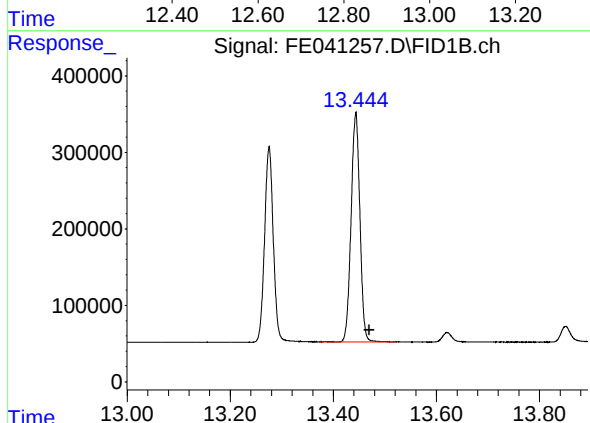
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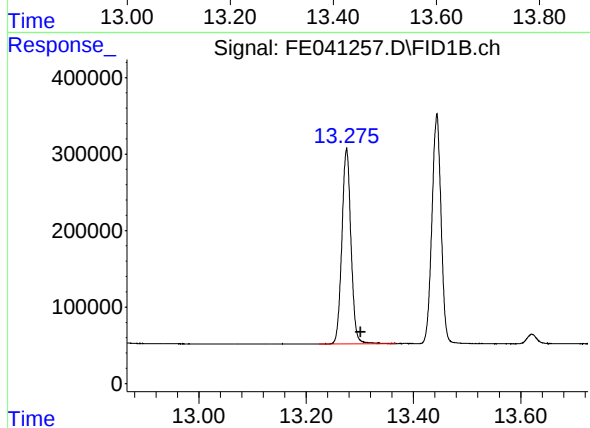
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.027 min
Response: 3587672
Conc: 21.03 ug/ml



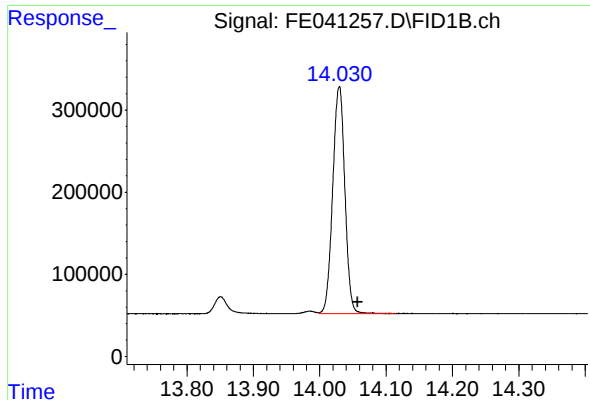
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.026 min
Response: 3550254
Conc: 20.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.026 min
Response: 2999331
Conc: 20.85 ug/ml



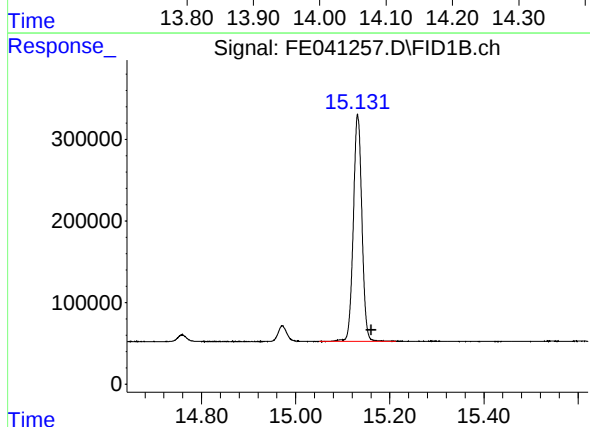
#13 n-Docosane (C22)

R.T.: 14.030 min
Delta R.T.: -0.028 min
Response: 3520507
Conc: 21.27 ug/ml

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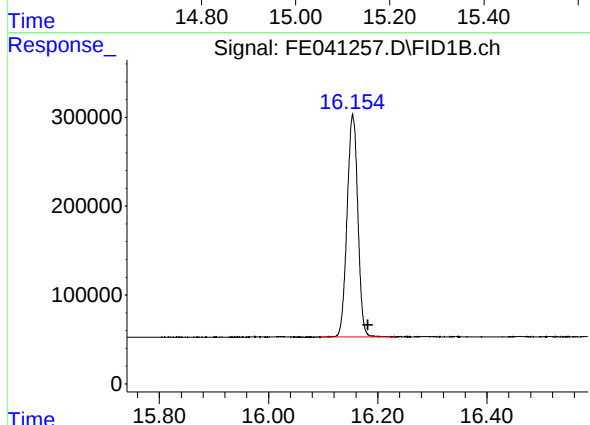
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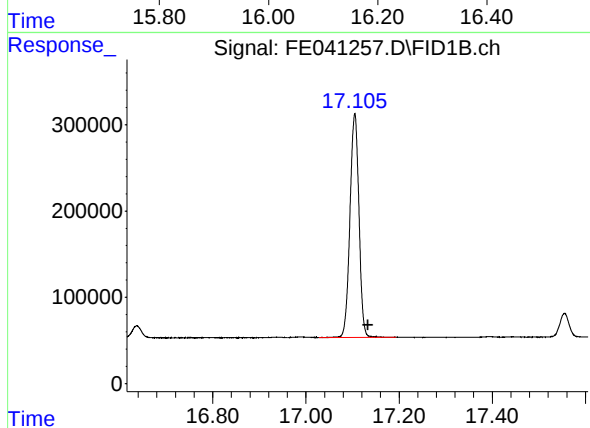
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.029 min
Response: 3516209
Conc: 21.73 ug/ml



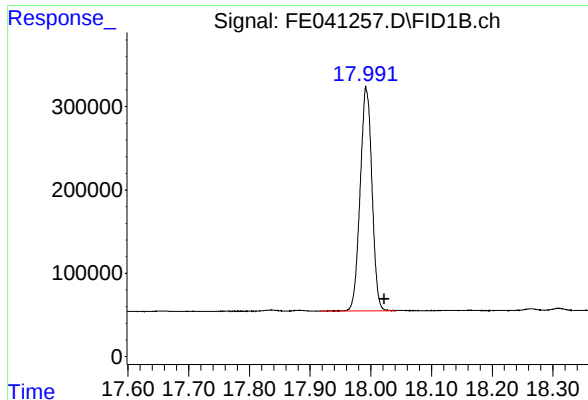
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.028 min
Response: 3420038
Conc: 22.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.028 min
Response: 3477109
Conc: 22.70 ug/ml



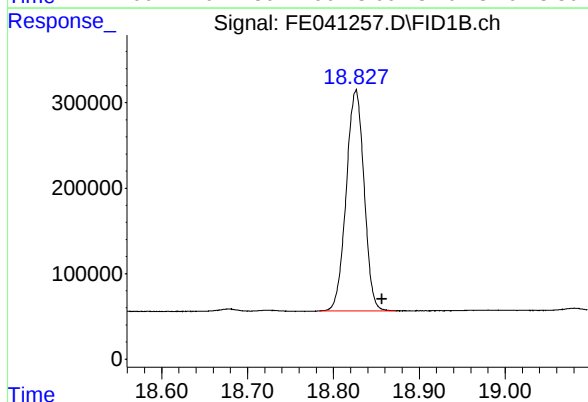
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: -0.030 min
Response: 3624271
Conc: 23.71 ug/ml

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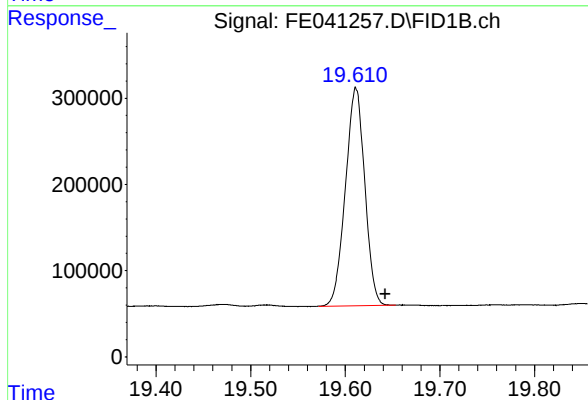
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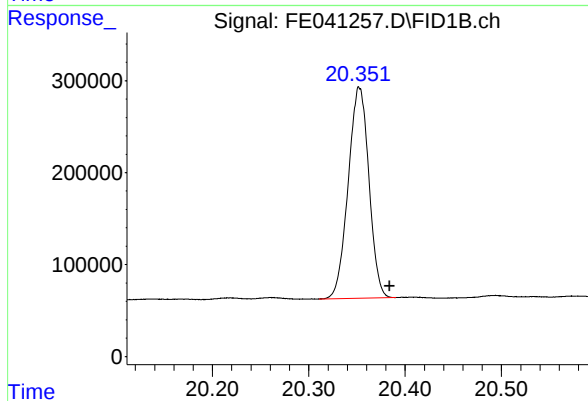
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.030 min
Response: 3731421
Conc: 23.90 ug/ml m



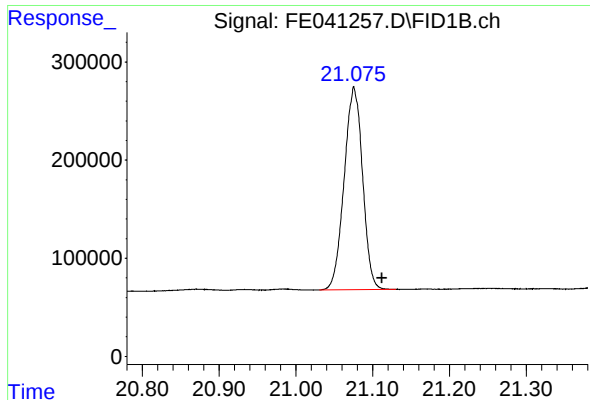
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.032 min
Response: 3596867
Conc: 23.21 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.351 min
Delta R.T.: -0.033 min
Response: 3402912
Conc: 22.40 ug/ml m



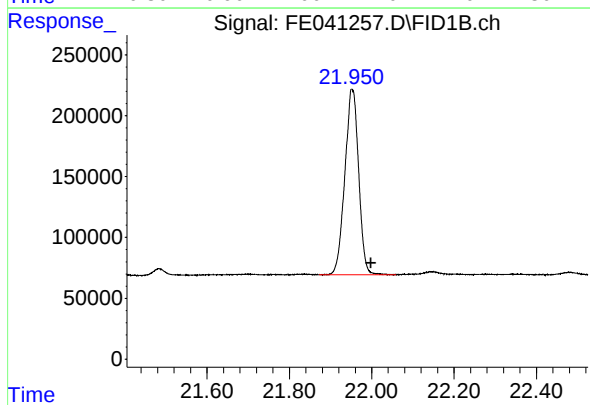
#21 n-Octatriacontane (C38)

R.T.: 21.075 min
Delta R.T.: -0.037 min
Response: 3434985
Conc: 21.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.046 min
Response: 3538585
Conc: 22.17 ug/ml