

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051623AL\
 Data File : FE041950.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2023 20:01
 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 05/17/2023
 Supervised By :Ankita Jodhani 05/17/2023

Integration File: autoint1.e
 Quant Time: May 17 01:16:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.973	3580907	19.087 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	13.410	2699273	19.107 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T n-Nonane (C9)	3.347	2742695	18.658 ug/ml
2) T n-Decane (C10)	4.601	2957374	19.719 ug/ml
3) T A~Naphthalene (C11.7)	6.309	3271586	19.769 ug/ml
4) T n-Dodecane (C12)	6.771	2987070	19.646 ug/ml
5) T A~2-methylnaphthalene...	7.407	3174193	19.685 ug/ml
6) T n-Tetradecane (C14)	8.601	3005858	19.788 ug/ml
7) T n-Hexadecane (C16)	10.210	3158990	19.795 ug/ml
8) T n-Octadecane (C18)	11.655	3229831	19.705 ug/ml
10) T n-Eicosane (C20)	12.965	3102266	19.287 ug/ml
11) T n-Heneicosane (C21)	13.577	3024047	18.975 ug/ml
13) T n-Docosane (C22)	14.165	3010723	18.896 ug/ml
14) T n-Tetracosane (C24)	15.268	2993298	18.567 ug/ml
15) T n-Hexacosane (C26)	16.290	2911308	18.415 ug/ml
16) T n-Octacosane (C28)	17.240	2962507	19.253 ug/ml
17) T n-Tricontane (C30)	18.129	3269920	21.470 ug/ml
18) T n-Dotriacontane (C32)	18.961	3367477	22.604 ug/ml
19) T n-Tetratriacontane (C34)	19.746	3095301	21.972 ug/ml
20) T n-Hexatriacontane (C36)	20.486	2934607	21.944 ug/mlm
21) T n-Octatriacontane (C38)	21.240	2931749	22.188 ug/mlm
22) T n-Tetracontane (C40)	22.182	2922844	23.085 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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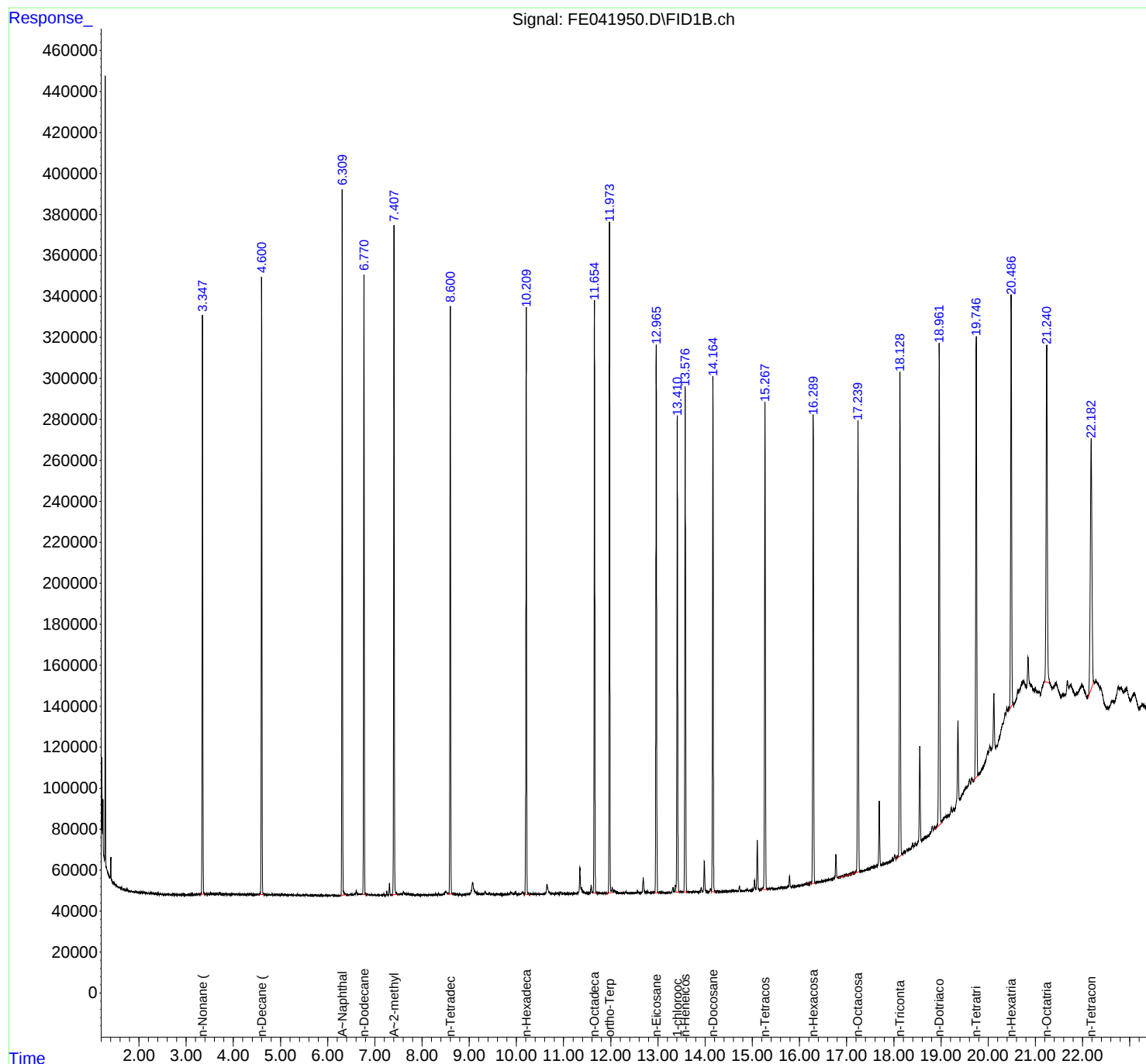
Instrument :
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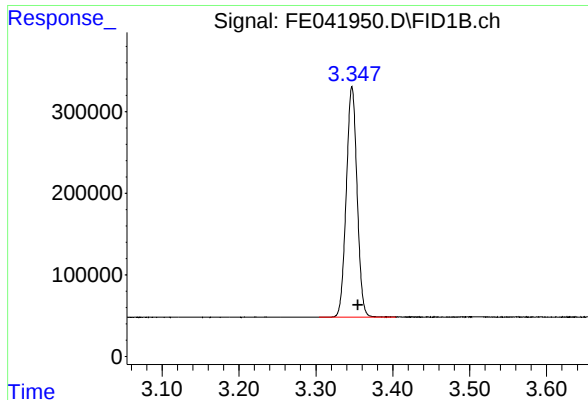
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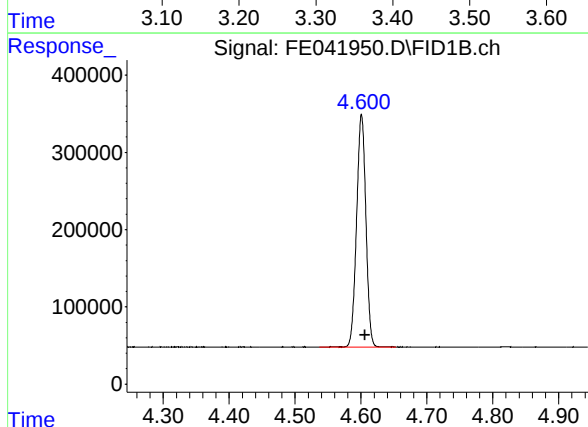
#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: -0.008 min
Response: 2742695
Conc: 18.66 ug/ml

Instrument :
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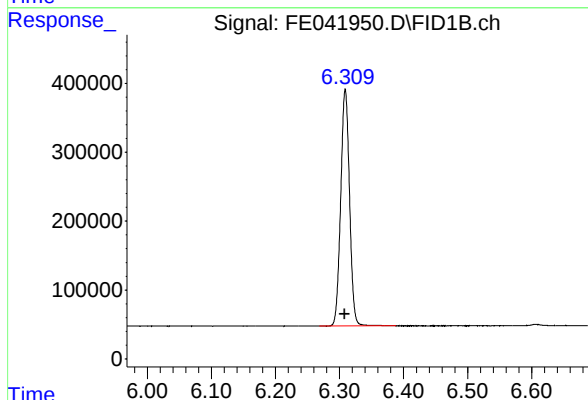
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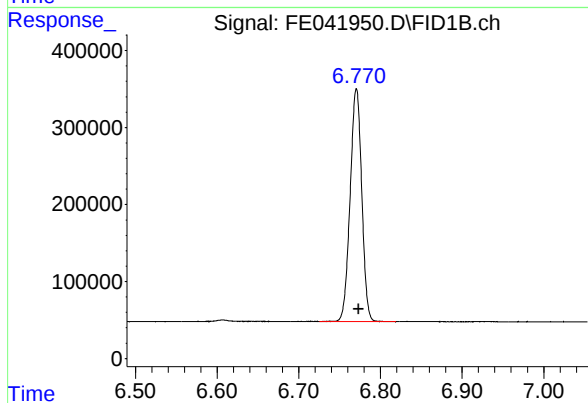
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.005 min
Response: 2957374
Conc: 19.72 ug/ml



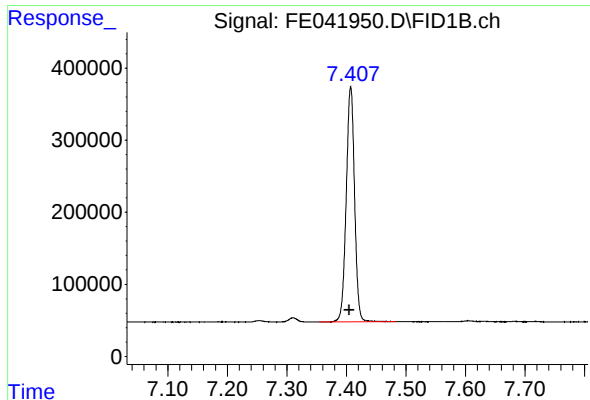
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 3271586
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.003 min
Response: 2987070
Conc: 19.65 ug/ml



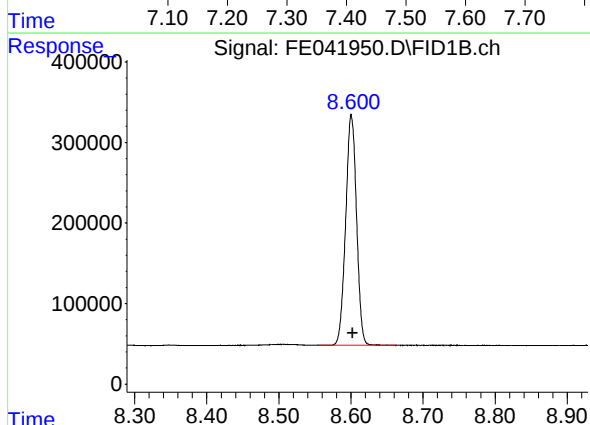
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: 0.003 min
Response: 3174193
Conc: 19.69 ug/ml

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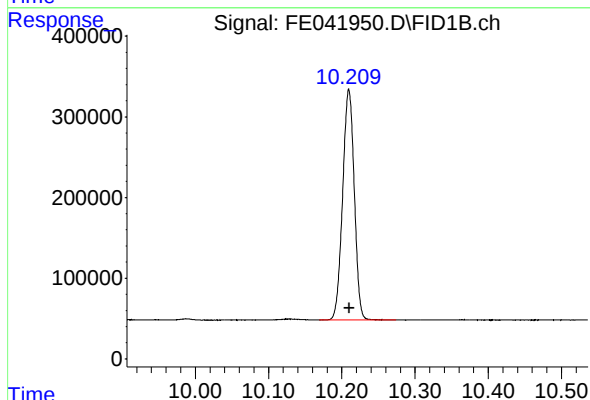
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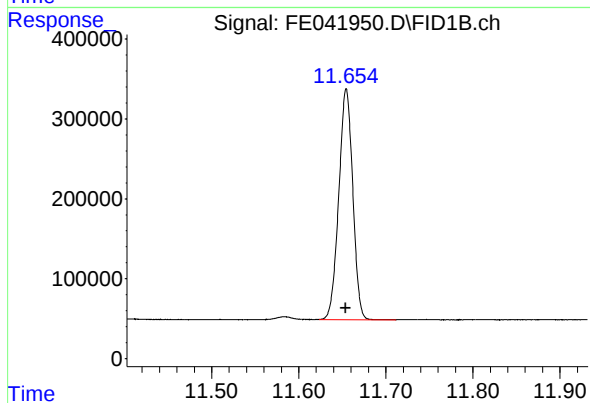
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.002 min
Response: 3005858
Conc: 19.79 ug/ml



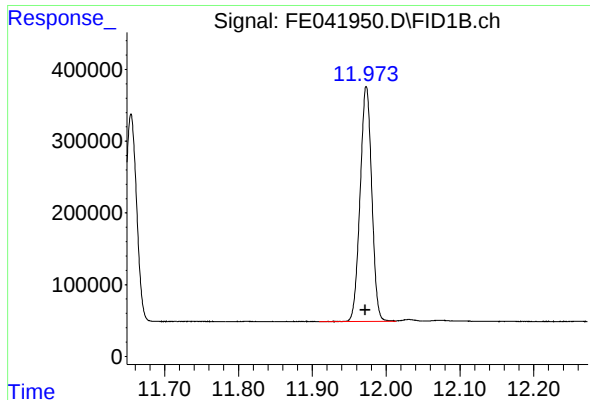
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.000 min
Response: 3158990
Conc: 19.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 3229831
Conc: 19.70 ug/ml



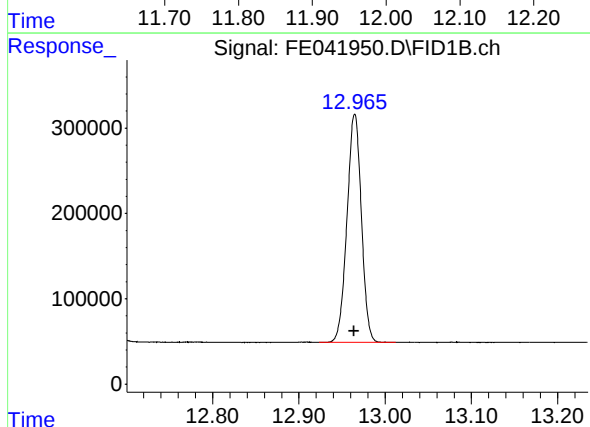
#9 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: 0.002 min
Response: 3580907
Conc: 19.09 ug/ml

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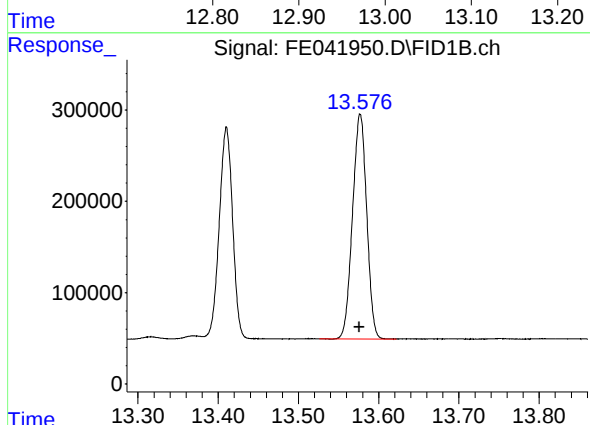
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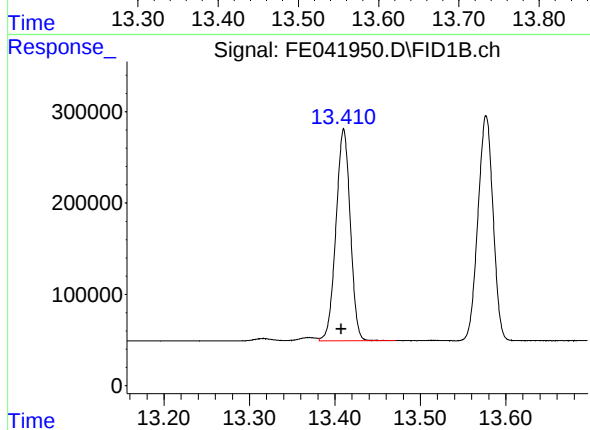
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.001 min
Response: 3102266
Conc: 19.29 ug/ml



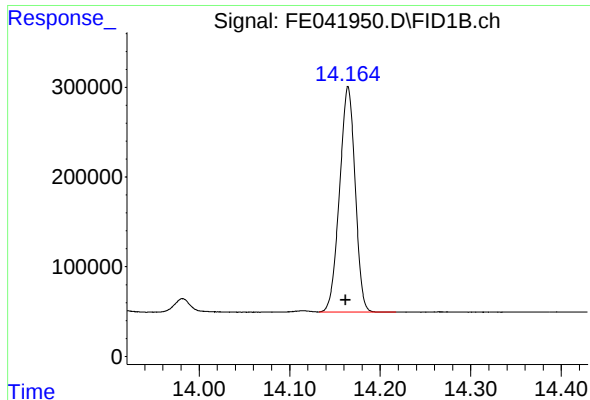
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: 0.001 min
Response: 3024047
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.003 min
Response: 2699273
Conc: 19.11 ug/ml



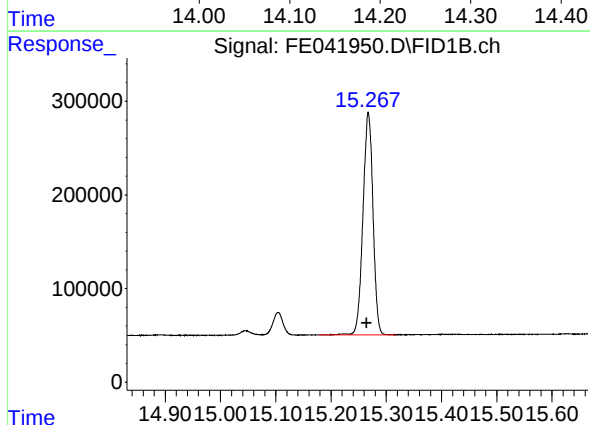
#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: 0.003 min
Response: 3010723
Conc: 18.90 ug/ml

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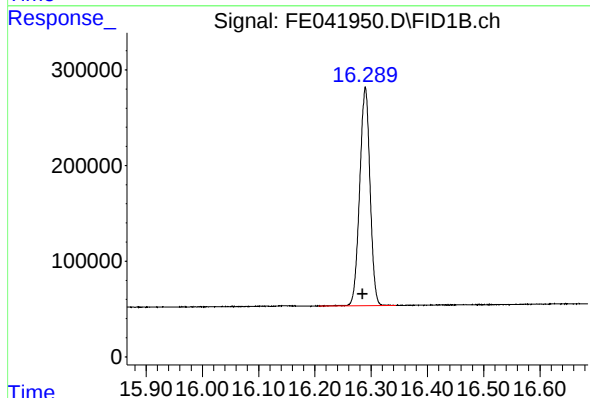
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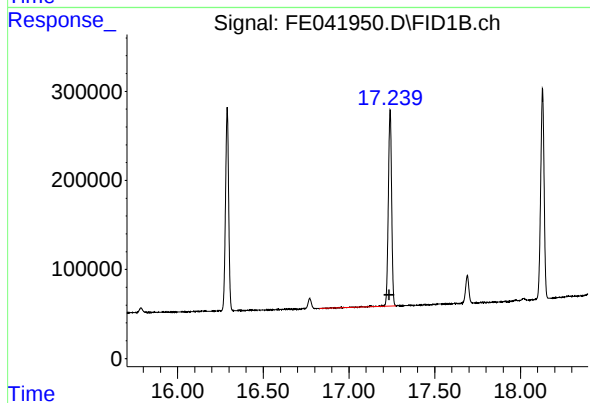
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.003 min
Response: 2993298
Conc: 18.57 ug/ml



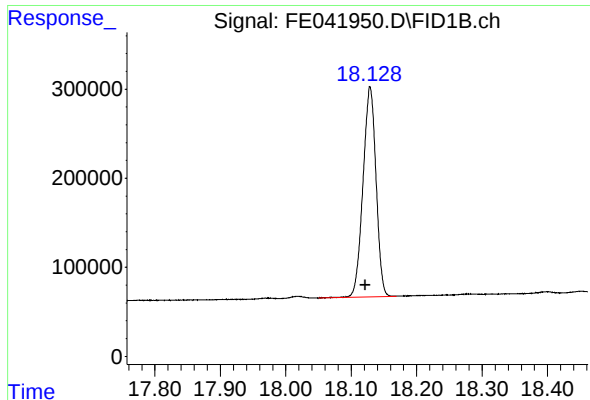
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.005 min
Response: 2911308
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.240 min
Delta R.T.: 0.006 min
Response: 2962507
Conc: 19.25 ug/ml



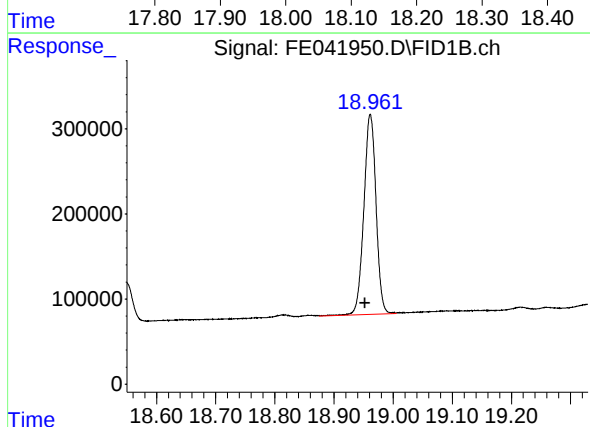
#17 n-Tricontane (C30)

R.T.: 18.129 min
Delta R.T.: 0.007 min
Response: 3269920
Conc: 21.47 ug/ml

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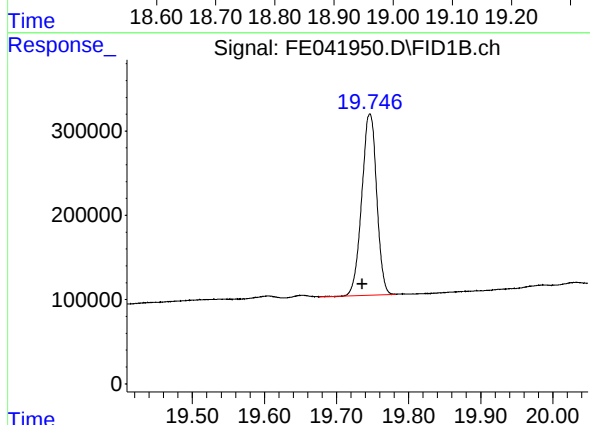
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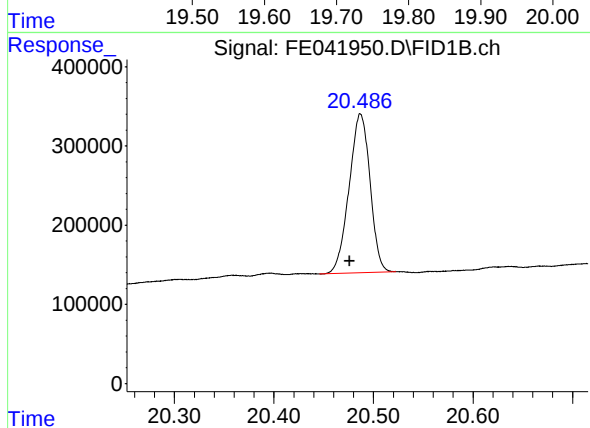
#18 n-Dotriacontane (C32)

R.T.: 18.961 min
Delta R.T.: 0.009 min
Response: 3367477
Conc: 22.60 ug/ml



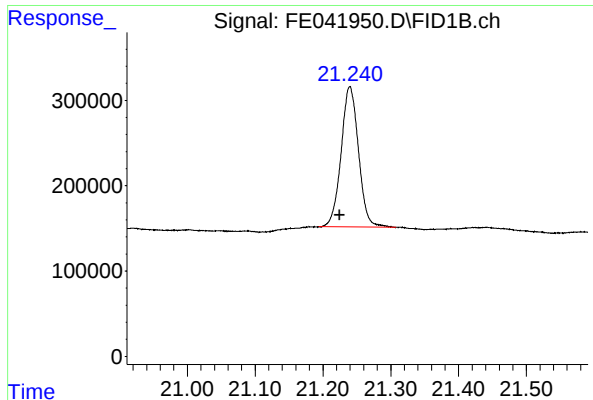
#19 n-Tetratriacontane (C34)

R.T.: 19.746 min
Delta R.T.: 0.010 min
Response: 3095301
Conc: 21.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.486 min
Delta R.T.: 0.010 min
Response: 2934607
Conc: 21.94 ug/ml m



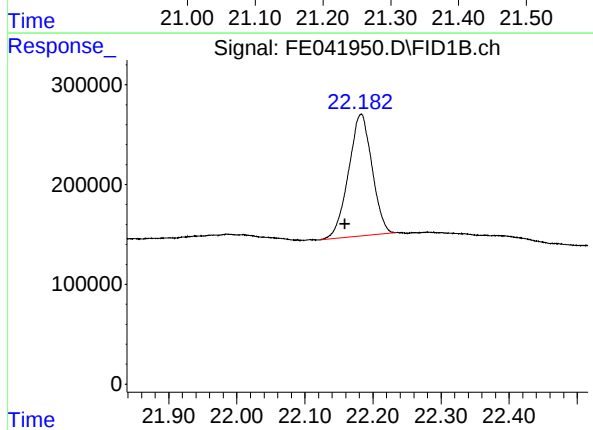
#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: 0.015 min
Response: 2931749
Conc: 22.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.182 min
Delta R.T.: 0.023 min
Response: 2922844
Conc: 23.09 ug/ml m