

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082724AL\
 Data File : FE049771.D
 Signal(s) : FID1B.ch
 Acq On : 27 Aug 2024 08:11
 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
 08/28/2024
 Supervised By :Ankita
 Jodhani
 08/28/2024

Integration File: autoint1.e
 Quant Time: Aug 28 01:29:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.888	3054848	18.891 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	13.323	2337046	19.155 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	3.275	2794978	18.061 ug/ml
2) T n-Decane (C10)	4.526	2881383	18.249 ug/ml
3) T A~Naphthalene (C11.7)	6.234	2973869	18.534 ug/ml
4) T n-Dodecane (C12)	6.693	2909675	18.508 ug/ml
5) T A~2-methylnaphthalene...	7.330	2828426	18.887 ug/ml
6) T n-Tetradecane (C14)	8.521	2863891	18.551 ug/ml
7) T n-Hexadecane (C16)	10.127	2935321	18.794 ug/ml
8) T n-Octadecane (C18)	11.570	2957903	18.834 ug/ml
10) T n-Eicosane (C20)	12.878	2837206	19.003 ug/ml
11) T n-Heneicosane (C21)	13.490	2787720	19.003 ug/ml
13) T n-Docosane (C22)	14.075	2758369	18.925 ug/ml
14) T n-Tetracosane (C24)	15.177	2768690	19.033 ug/ml
15) T n-Hexacosane (C26)	16.197	2729150	18.910 ug/ml
16) T n-Octacosane (C28)	17.146	2786001	19.342 ug/ml
17) T n-Tricontane (C30)	18.032	3035141	20.274 ug/ml
18) T n-Dotriacontane (C32)	18.864	3108855	20.550 ug/ml
19) T n-Tetratriacontane (C34)	19.647	3102854	20.296 ug/ml
20) T n-Hexatriacontane (C36)	20.386	3090579	20.352 ug/ml
21) T n-Octatriacontane (C38)	21.115	3067614	19.545 ug/ml
22) T n-Tetracontane (C40)	22.010	2992233	19.598 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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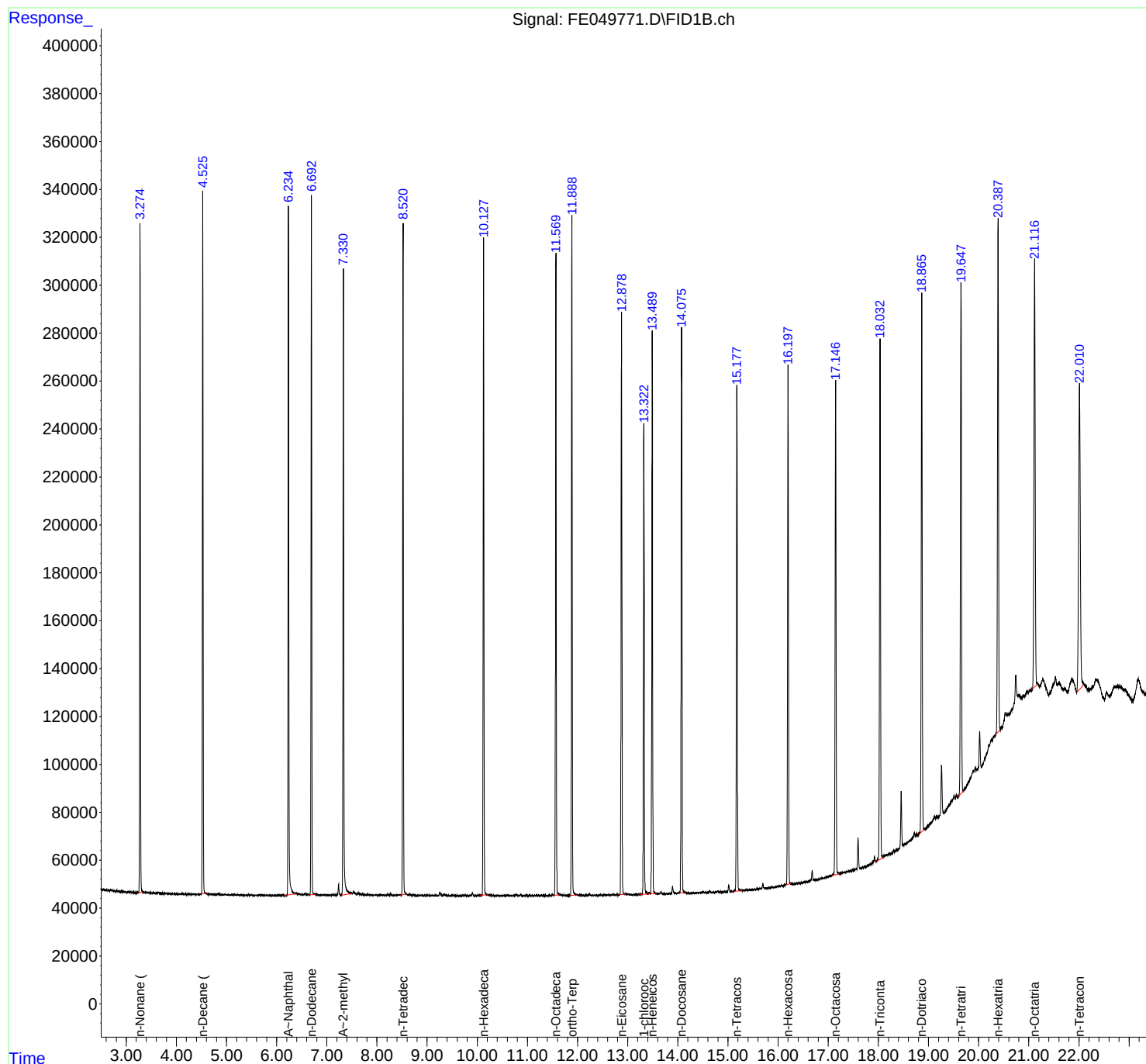
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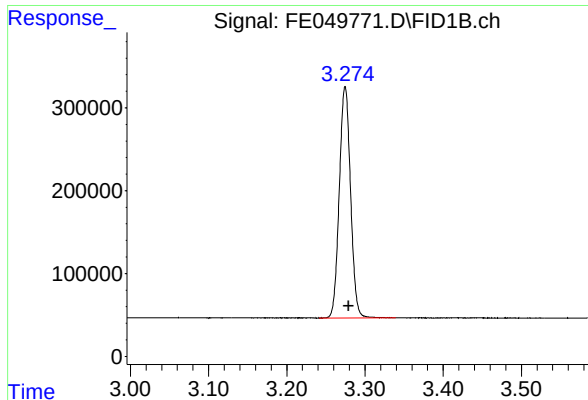
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#1 n-Nonane (C9)

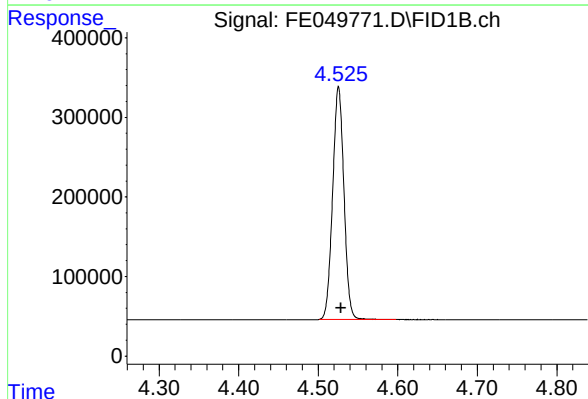
R.T.: 3.275 min
Delta R.T.: -0.004 min
Response: 2794978
Conc: 18.06 ug/ml

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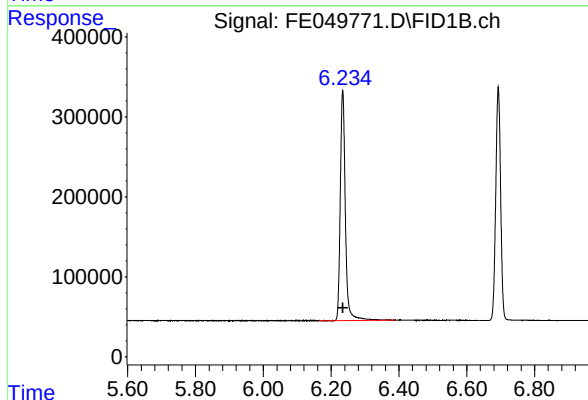
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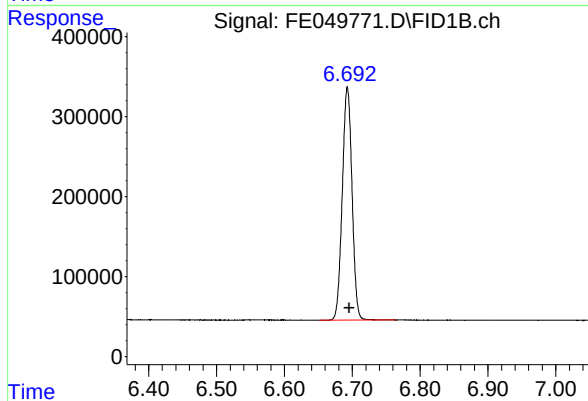
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 2881383
Conc: 18.25 ug/ml



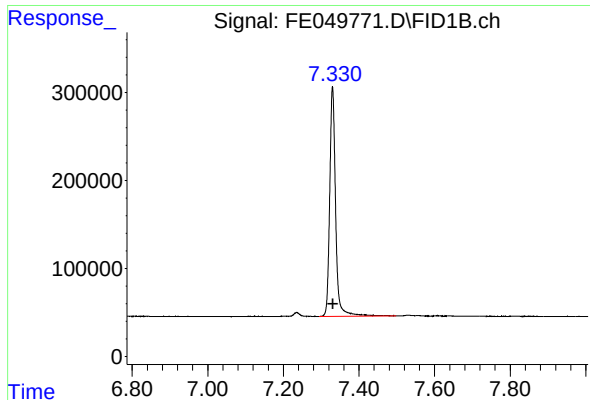
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 2973869
Conc: 18.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 2909675
Conc: 18.51 ug/ml



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

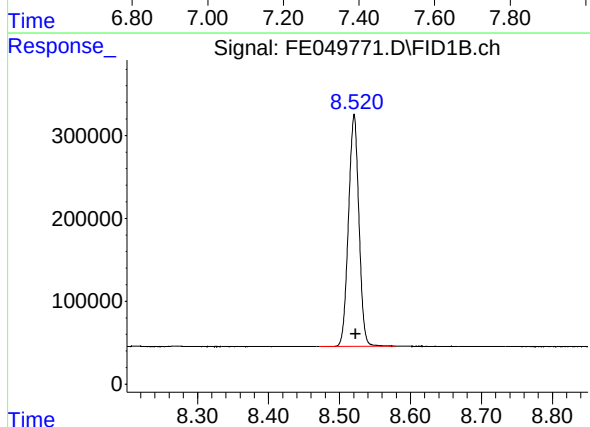
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 2828426
Conc: 18.89 ug/ml

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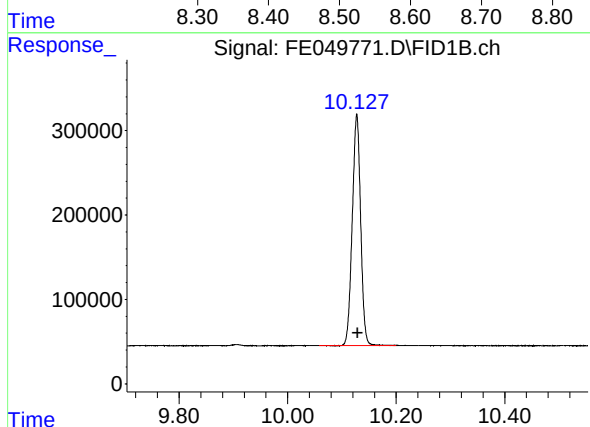
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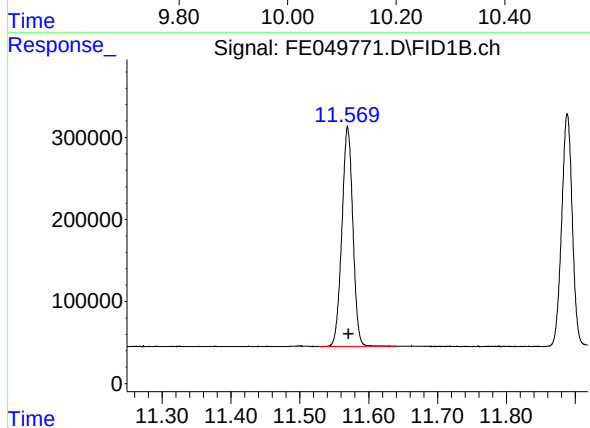
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.002 min
Response: 2863891
Conc: 18.55 ug/ml



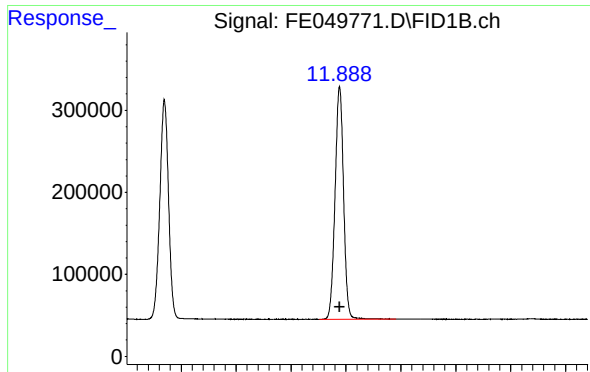
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.002 min
Response: 2935321
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.570 min
Delta R.T.: -0.001 min
Response: 2957903
Conc: 18.83 ug/ml



#9 ortho-Terphenyl (SURR)

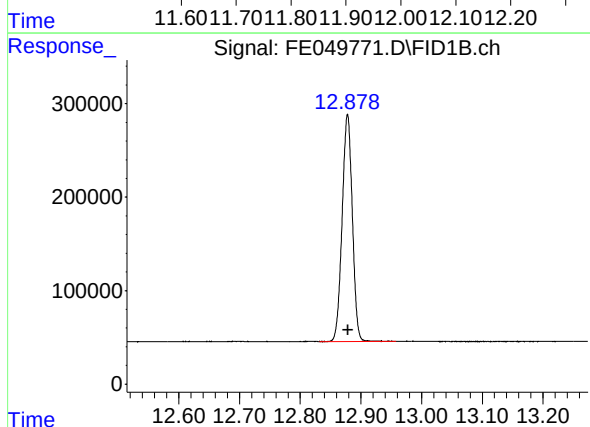
R.T.: 11.888 min
Delta R.T.: 0.000 min
Response: 3054848
Conc: 18.89 ug/ml

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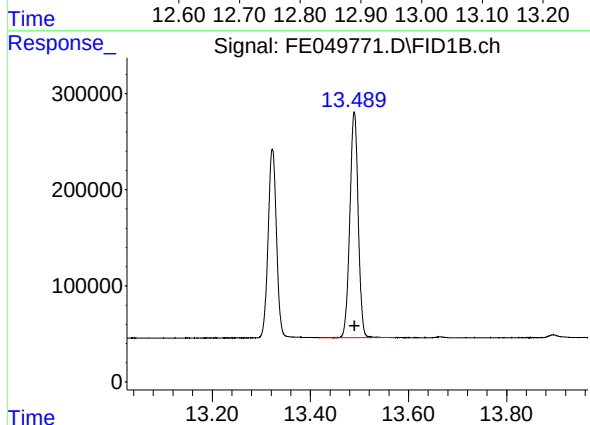
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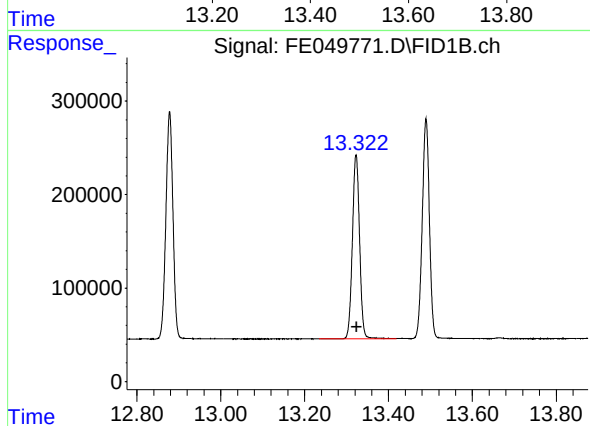
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: 0.000 min
Response: 2837206
Conc: 19.00 ug/ml



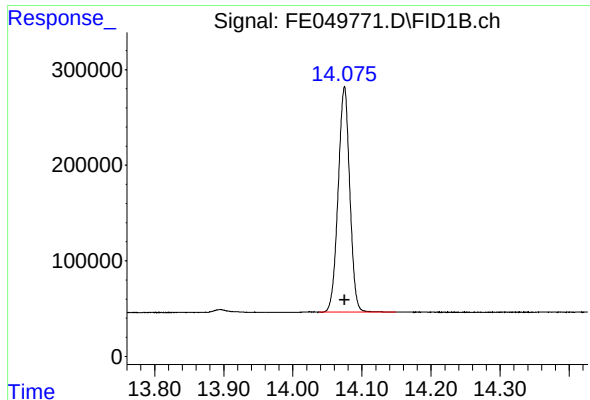
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: 0.000 min
Response: 2787720
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: 0.000 min
Response: 2337046
Conc: 19.16 ug/ml



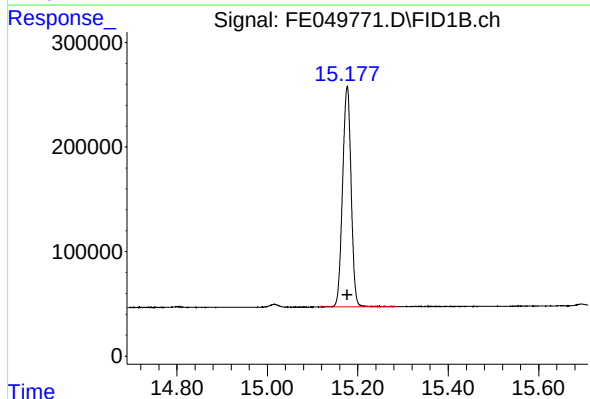
#13 n-Docosane (C22)

R.T.: 14.075 min
Delta R.T.: 0.000 min
Response: 2758369
Conc: 18.93 ug/ml

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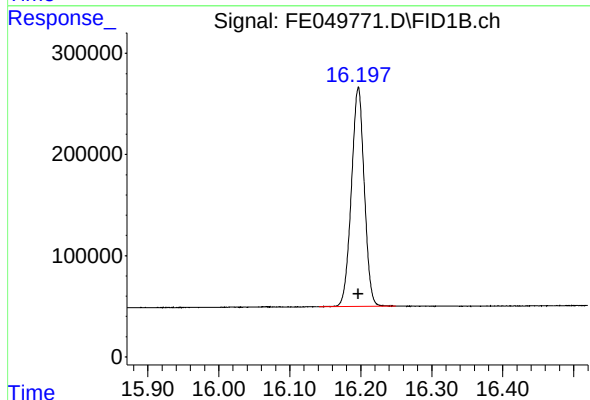
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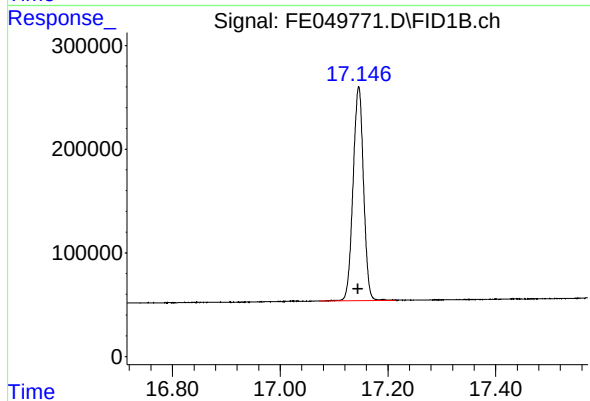
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: 0.000 min
Response: 2768690
Conc: 19.03 ug/ml



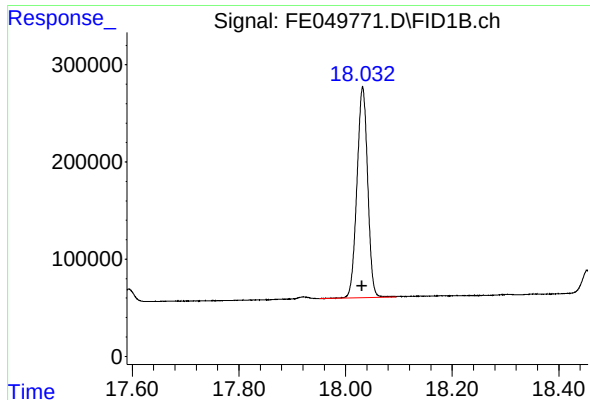
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 2729150
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: 0.000 min
Response: 2786001
Conc: 19.34 ug/ml m



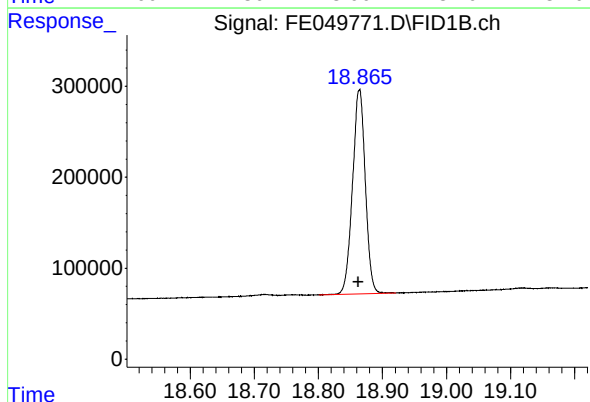
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: 0.001 min
Response: 3035141
Conc: 20.27 ug/ml

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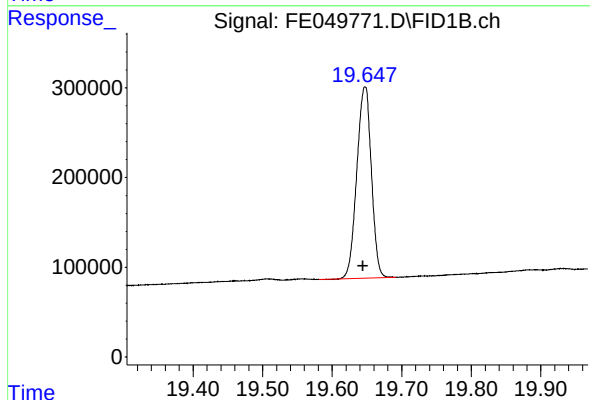
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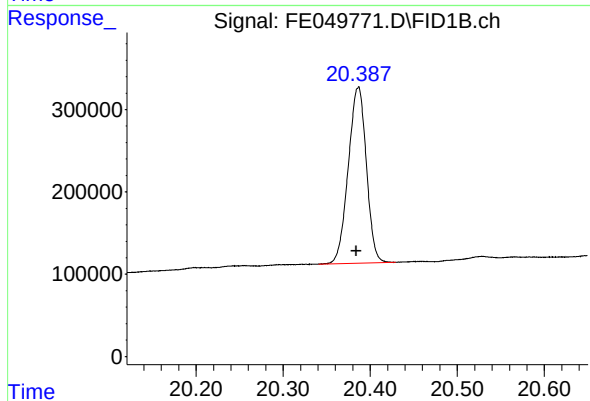
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: 0.002 min
Response: 3108855
Conc: 20.55 ug/ml



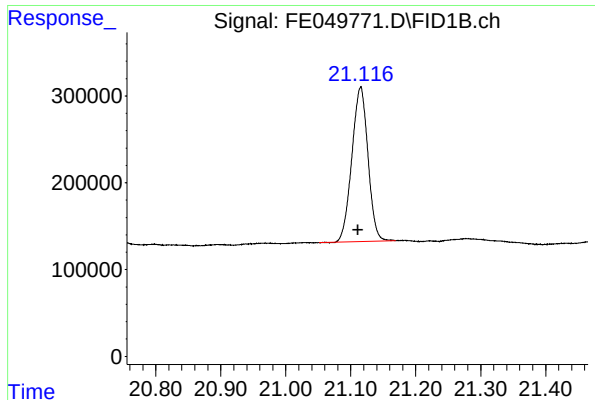
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: 0.003 min
Response: 3102854
Conc: 20.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.386 min
Delta R.T.: 0.002 min
Response: 3090579
Conc: 20.35 ug/ml



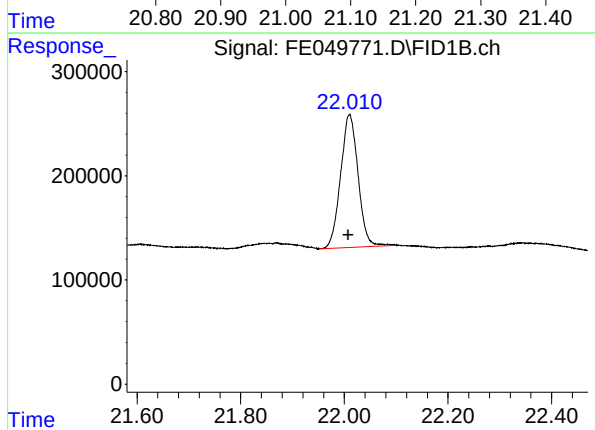
#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: 0.003 min
Response: 3067614
Conc: 19.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: 0.003 min
Response: 2992233
Conc: 19.60 ug/ml