

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070124AL\
 Data File : FE048938.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2024 10:00
 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 07/01/2024
 Supervised By :Ankita Jodhani 07/02/2024

Integration File: autoint1.e
 Quant Time: Jul 01 11:39:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.938	3013904	18.025 ug/ml
Spiked Amount 50.000		Recovery =	36.05%
12) S 1-chlorooctadecane (S...	13.373	2321317	18.052 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
Target Compounds			
1) T n-Nonane (C9)	3.323	2805374	18.660 ug/ml
2) T n-Decane (C10)	4.572	2985347	19.399 ug/ml
3) T A~Naphthalene (C11.7)	6.280	3065556	19.310 ug/ml
4) T n-Dodecane (C12)	6.739	2979412	19.300 ug/ml
5) T A~2-methylnaphthalene...	7.377	2912476	19.232 ug/ml
6) T n-Tetradecane (C14)	8.567	2930723	19.122 ug/ml
7) T n-Hexadecane (C16)	10.174	3012162	19.265 ug/ml
8) T n-Octadecane (C18)	11.618	3005223	18.843 ug/ml
10) T n-Eicosane (C20)	12.927	2862526	18.464 ug/ml
11) T n-Heneicosane (C21)	13.539	2798574	18.380 ug/ml
13) T n-Docosane (C22)	14.125	2782879	18.401 ug/ml
14) T n-Tetracosane (C24)	15.228	2798827	18.624 ug/ml
15) T n-Hexacosane (C26)	16.249	2797121	18.947 ug/ml
16) T n-Octacosane (C28)	17.198	2873422	19.925 ug/ml
17) T n-Tricontane (C30)	18.085	3230504	22.082 ug/ml
18) T n-Dotriacontane (C32)	18.917	3344357	23.390 ug/ml
19) T n-Tetratriacontane (C34)	19.701	3087500	22.313 ug/ml
20) T n-Hexatriacontane (C36)	20.441	3052594	23.487 ug/ml
21) T n-Octatriacontane (C38)	21.178	2931394	22.867 ug/ml
22) T n-Tetracontane (C40)	22.095	3055667	24.952 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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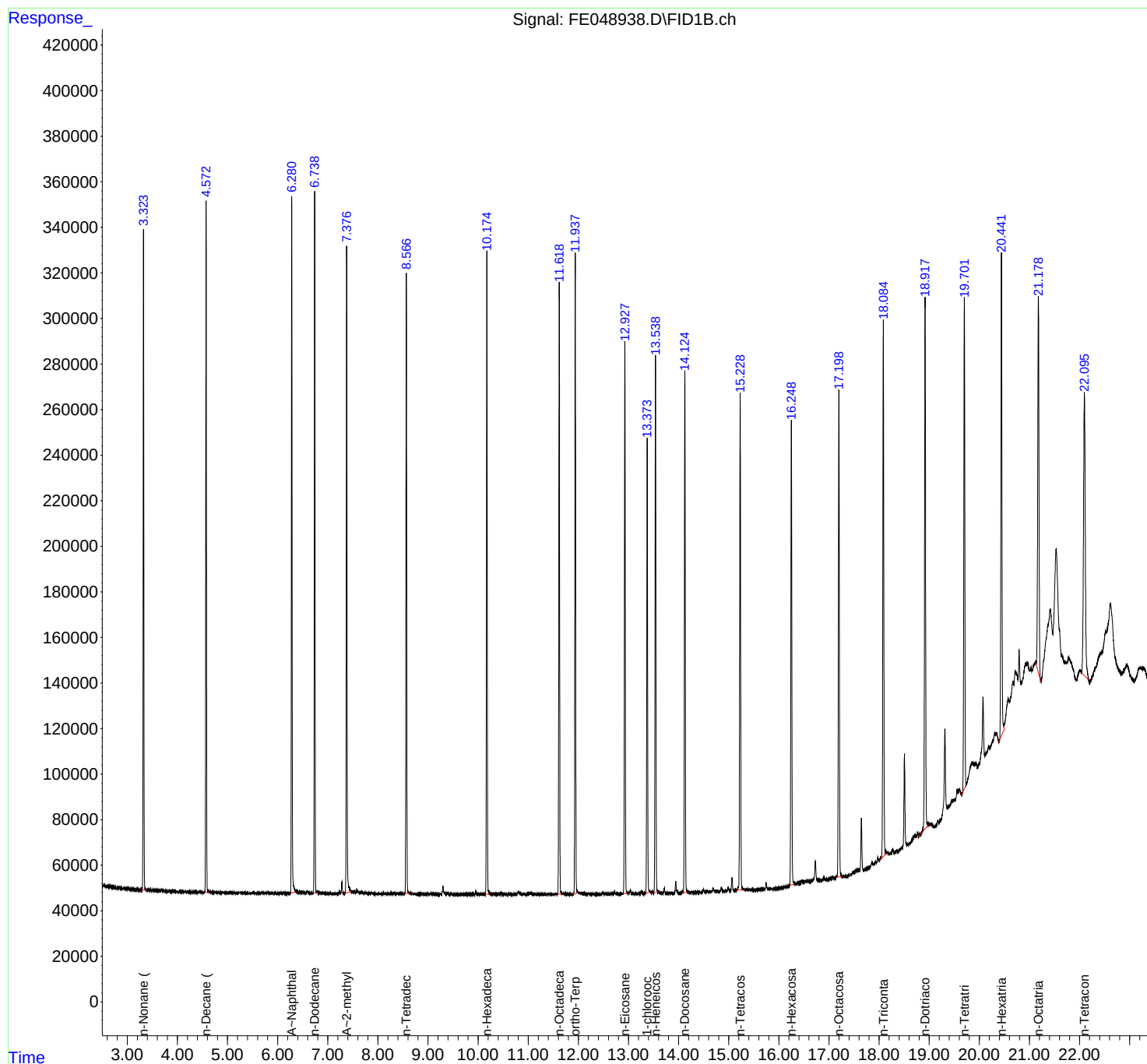
Instrument :
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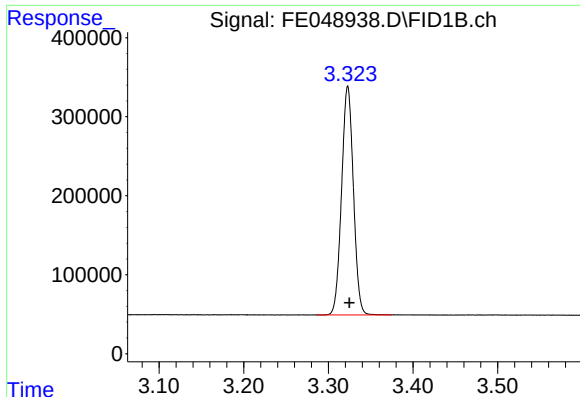
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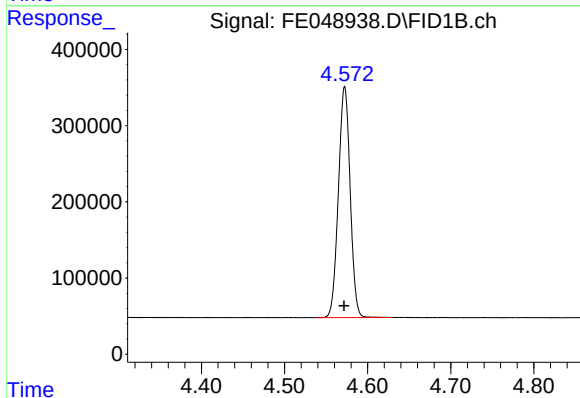
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.002 min
Response: 2805374
Conc: 18.66 ug/ml

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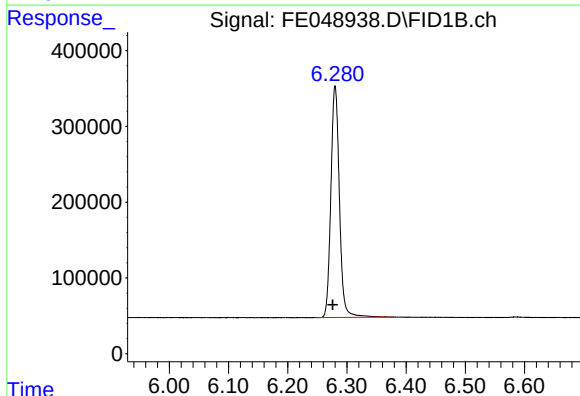
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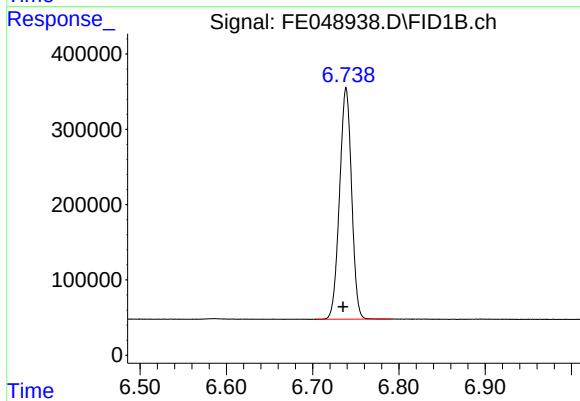
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 2985347
Conc: 19.40 ug/ml



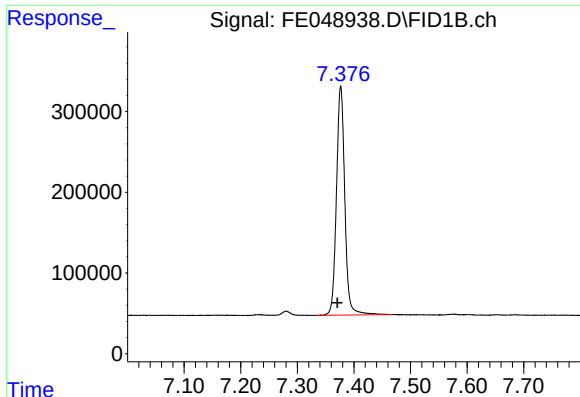
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: 0.004 min
Response: 3065556
Conc: 19.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: 0.004 min
Response: 2979412
Conc: 19.30 ug/ml



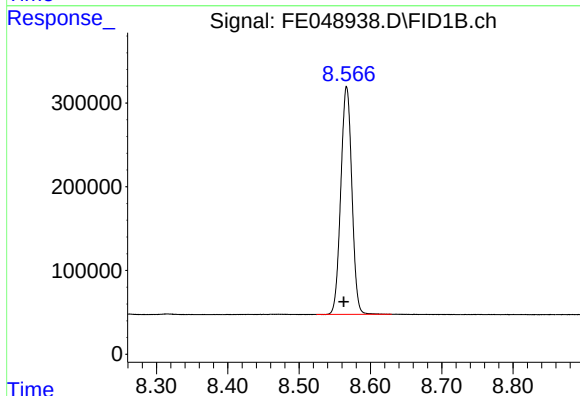
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.377 min
Delta R.T.: 0.006 min
Response: 2912476
Conc: 19.23 ug/ml

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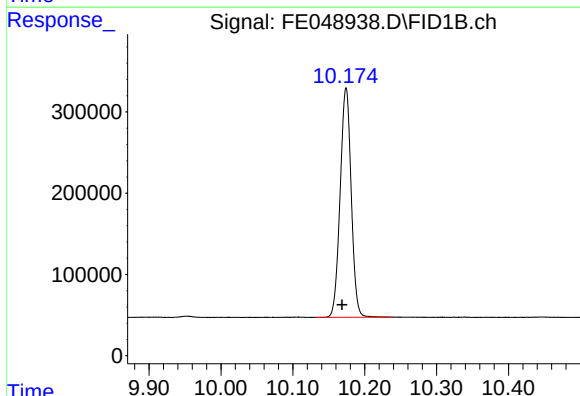
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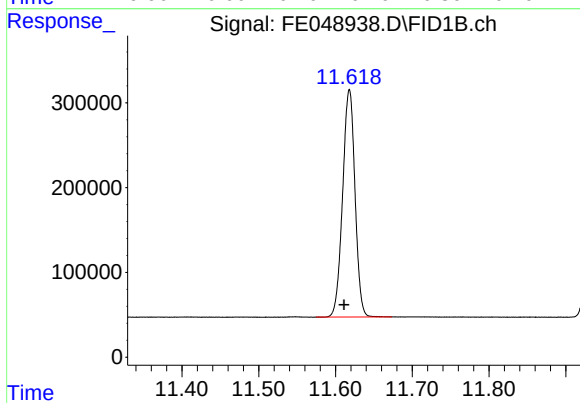
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: 0.004 min
Response: 2930723
Conc: 19.12 ug/ml



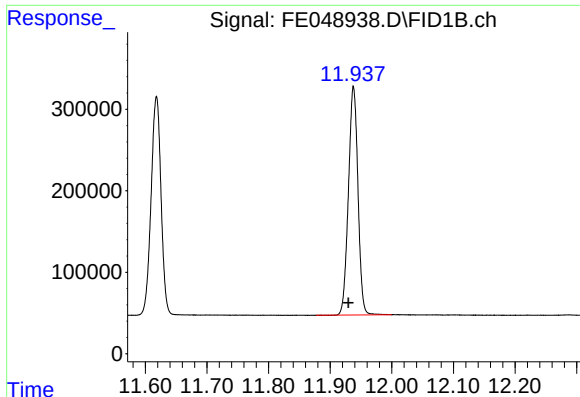
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.005 min
Response: 3012162
Conc: 19.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: 0.007 min
Response: 3005223
Conc: 18.84 ug/ml



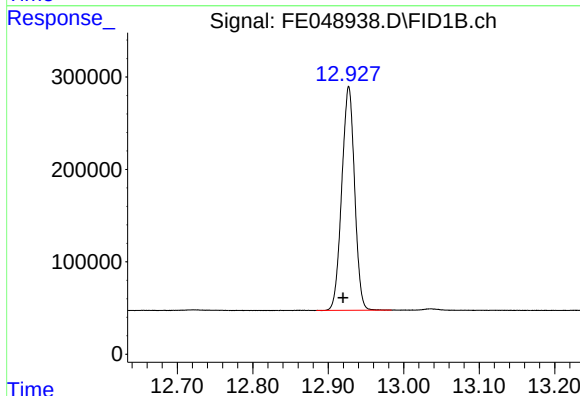
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: 0.008 min
Response: 3013904
Conc: 18.02 ug/ml

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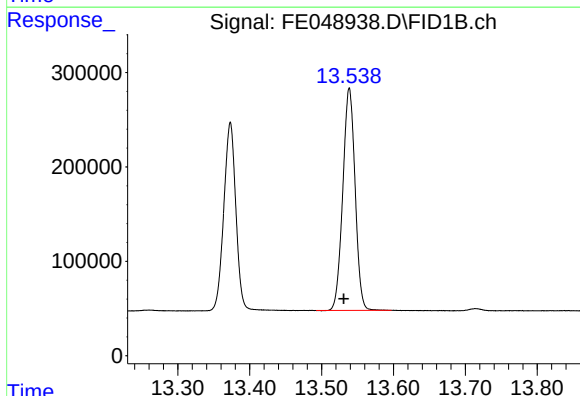
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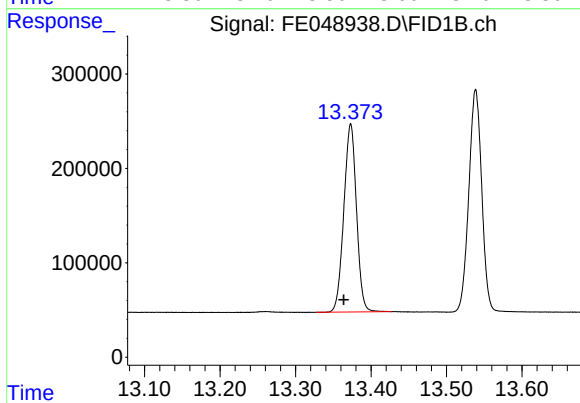
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: 0.008 min
Response: 2862526
Conc: 18.46 ug/ml



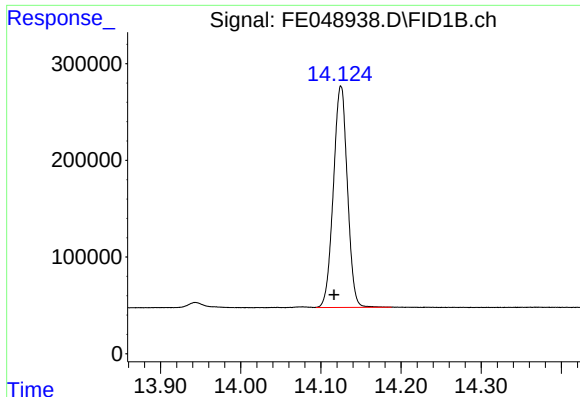
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: 0.008 min
Response: 2798574
Conc: 18.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: 0.009 min
Response: 2321317
Conc: 18.05 ug/ml



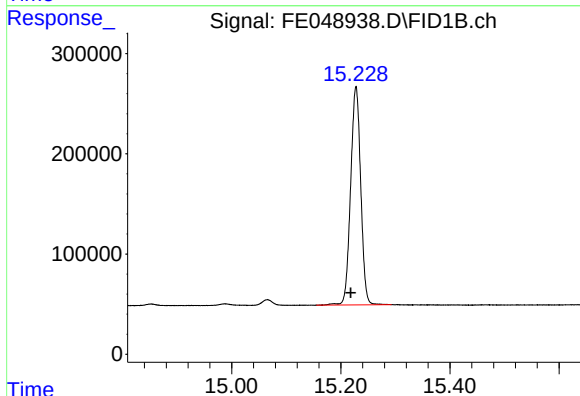
#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: 0.008 min
Response: 2782879
Conc: 18.40 ug/ml

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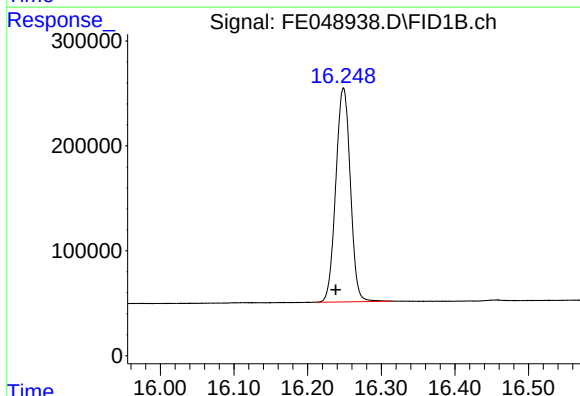
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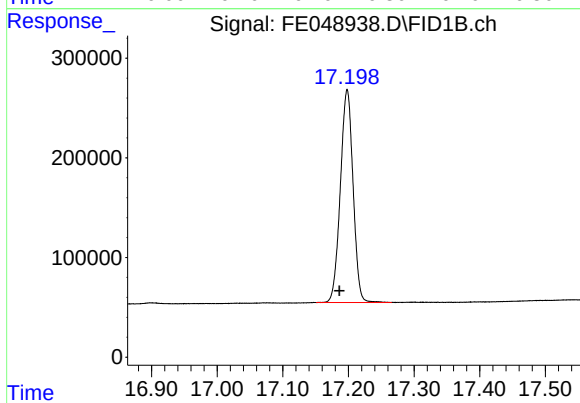
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: 0.009 min
Response: 2798827
Conc: 18.62 ug/ml



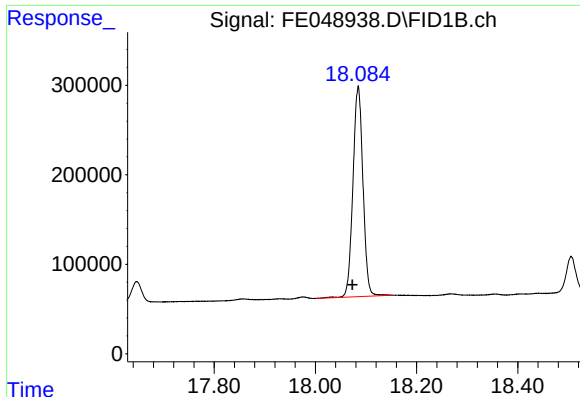
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.010 min
Response: 2797121
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: 0.012 min
Response: 2873422
Conc: 19.92 ug/ml



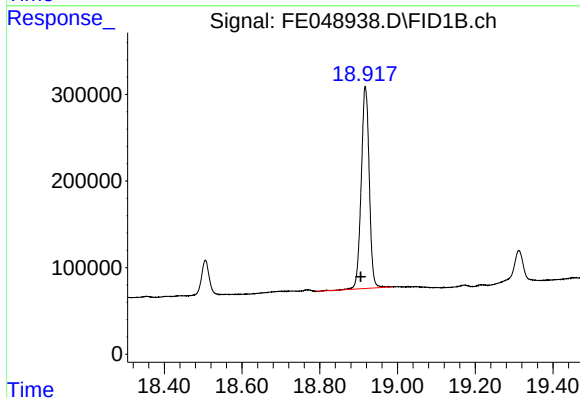
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: 0.012 min
Response: 3230504
Conc: 22.08 ug/ml

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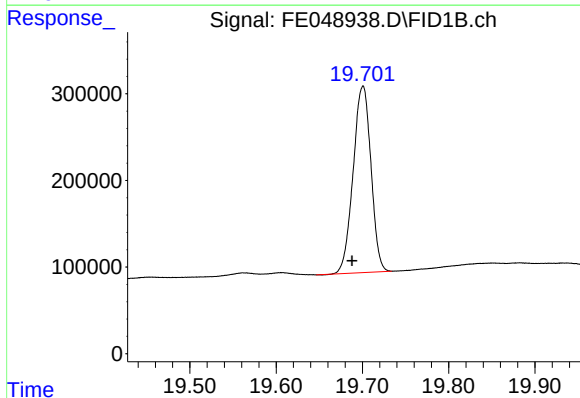
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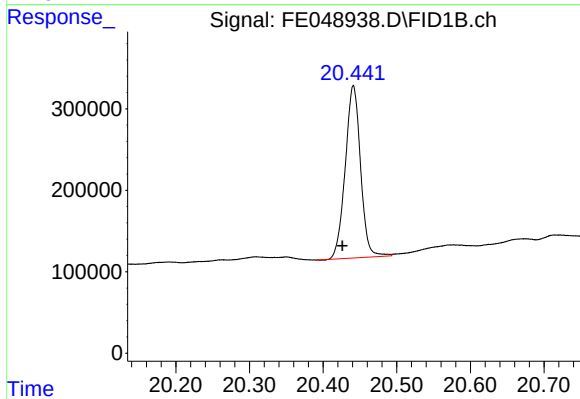
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.012 min
Response: 3344357
Conc: 23.39 ug/ml



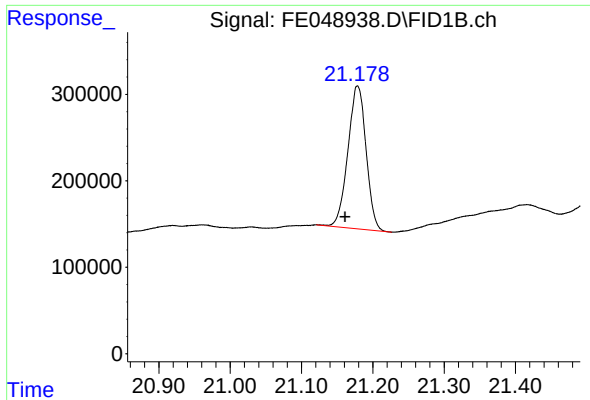
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: 0.013 min
Response: 3087500
Conc: 22.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: 0.015 min
Response: 3052594
Conc: 23.49 ug/ml



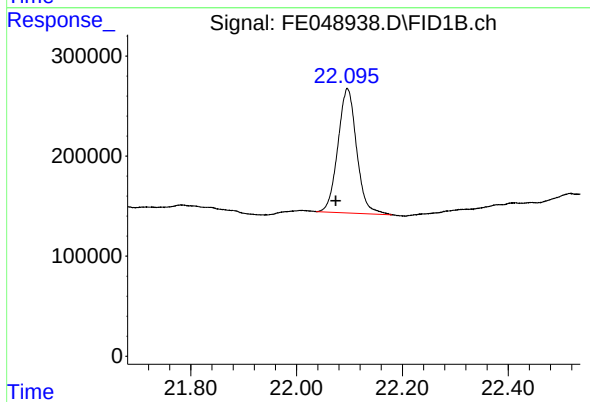
#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.017 min
Response: 2931394
Conc: 22.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: 0.021 min
Response: 3055667
Conc: 24.95 ug/ml m