

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062024AL\
 Data File : FE048813.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2024 11:44
 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 06/21/2024
 Supervised By :Ankita Jodhani 06/21/2024

Integration File: autoint1.e
 Quant Time: Jun 21 01:21:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.933	2463456	17.155 ug/ml
Spiked Amount 50.000		Recovery =	34.31%
12) S 1-chlorooctadecane (S...	13.367	1845009	16.936 ug/ml
Spiked Amount 50.000		Recovery =	33.87%
Target Compounds			
1) T n-Nonane (C9)	3.322	2197060	14.696 ug/ml
2) T n-Decane (C10)	4.572	2412276	15.975 ug/ml
3) T A~Naphthalene (C11.7)	6.277	2363595	15.874 ug/ml
4) T n-Dodecane (C12)	6.737	2434900	16.449 ug/ml
5) T A~2-methylnaphthalene...	7.373	2257246	16.280 ug/ml
6) T n-Tetradecane (C14)	8.565	2400835	16.927 ug/ml
7) T n-Hexadecane (C16)	10.171	2425593	17.205 ug/ml
8) T n-Octadecane (C18)	11.614	2402145	17.296 ug/ml
10) T n-Eicosane (C20)	12.923	2279893	17.228 ug/ml
11) T n-Heneicosane (C21)	13.534	2220091	17.140 ug/ml
13) T n-Docosane (C22)	14.120	2222347	17.246 ug/ml
14) T n-Tetracosane (C24)	15.222	2285929	17.645 ug/ml
15) T n-Hexacosane (C26)	16.242	2320122	17.901 ug/ml
16) T n-Octacosane (C28)	17.191	2477978	19.171 ug/ml
17) T n-Tricontane (C30)	18.078	2865849	21.393 ug/ml
18) T n-Dotriacontane (C32)	18.909	3047542	22.451 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2825587	20.655 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2649665	19.492 ug/mlm
21) T n-Octatriacontane (C38)	21.166	2488365	18.247 ug/ml
22) T n-Tetracontane (C40)	22.079	2376556	17.357 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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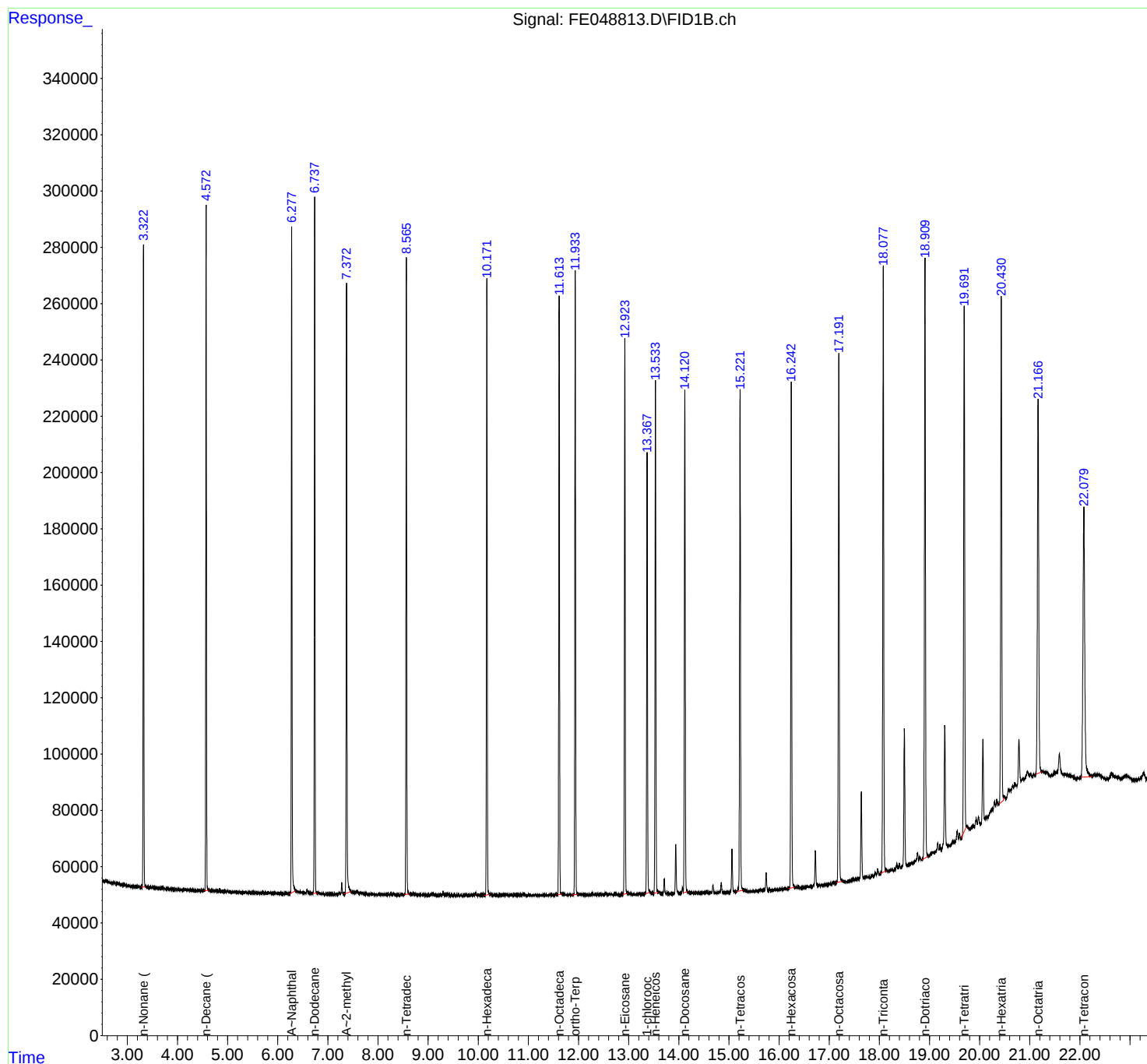
Instrument :
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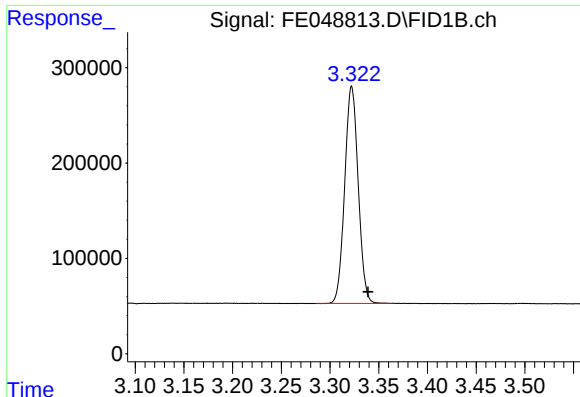
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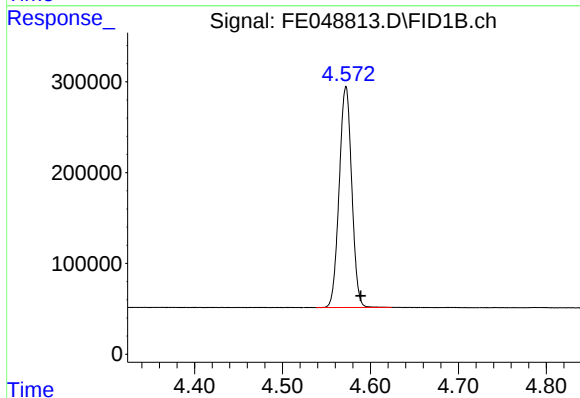
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.017 min
Response: 2197060
Conc: 14.70 ug/ml

Instrument :
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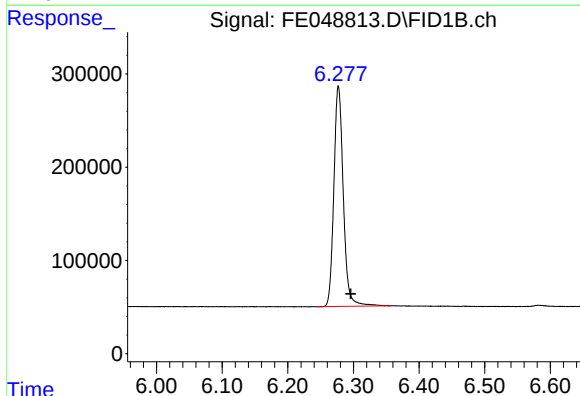
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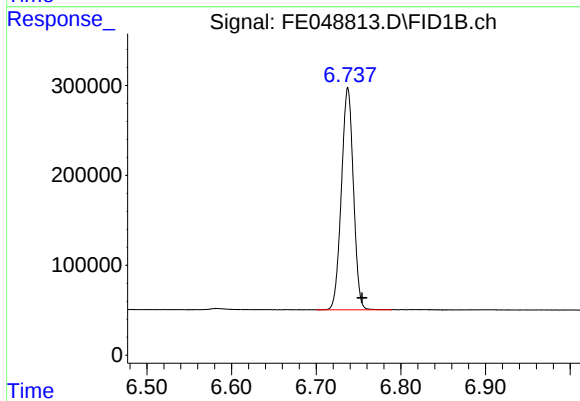
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.017 min
Response: 2412276
Conc: 15.98 ug/ml



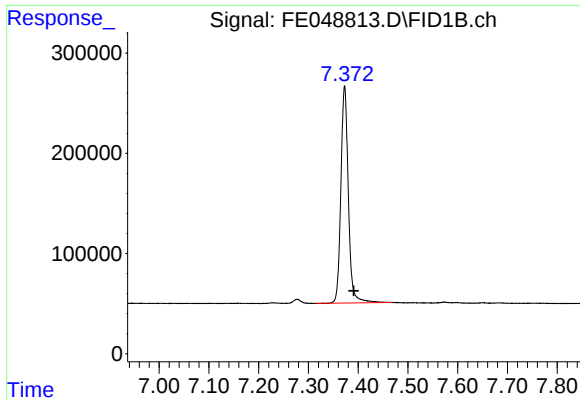
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.019 min
Response: 2363595
Conc: 15.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.017 min
Response: 2434900
Conc: 16.45 ug/ml



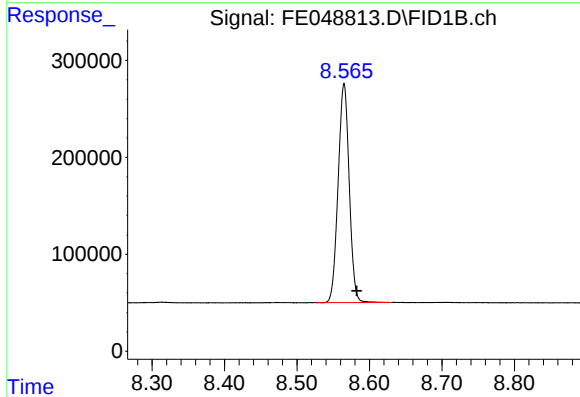
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: -0.019 min
Response: 2257246
Conc: 16.28 ug/ml

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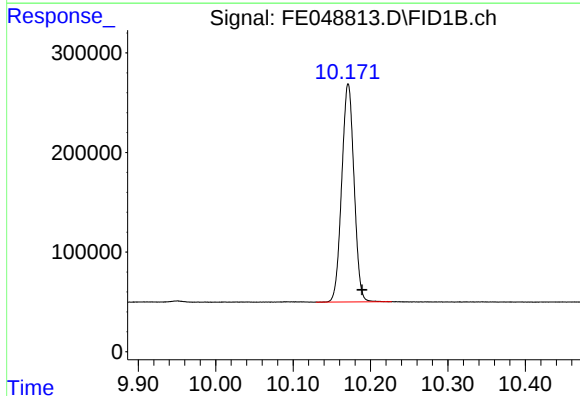
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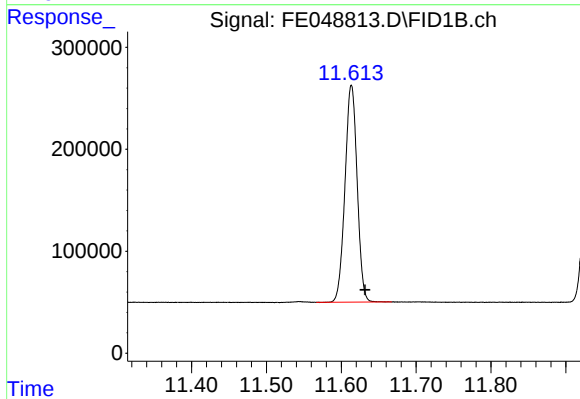
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.017 min
Response: 2400835
Conc: 16.93 ug/ml



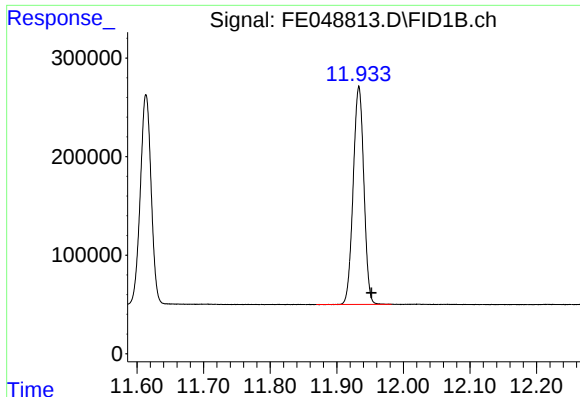
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.018 min
Response: 2425593
Conc: 17.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.614 min
Delta R.T.: -0.018 min
Response: 2402145
Conc: 17.30 ug/ml



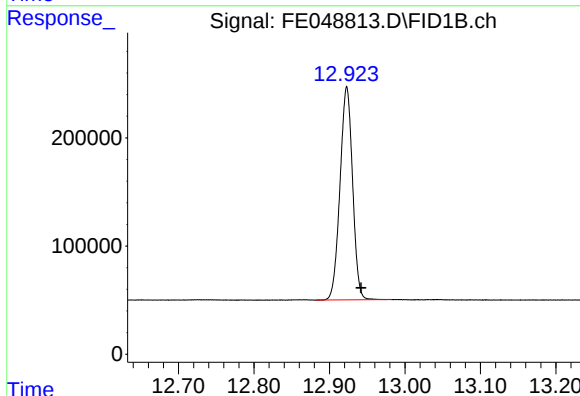
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.019 min
Response: 2463456
Conc: 17.16 ug/ml

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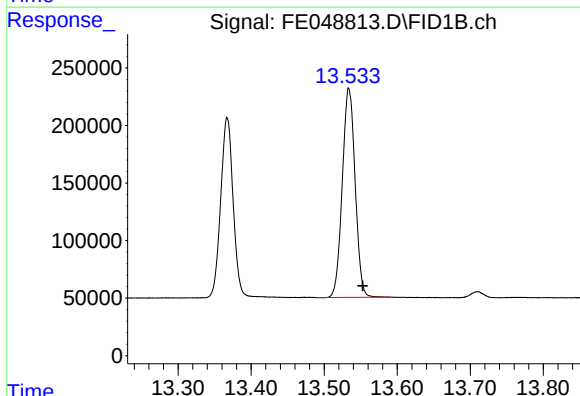
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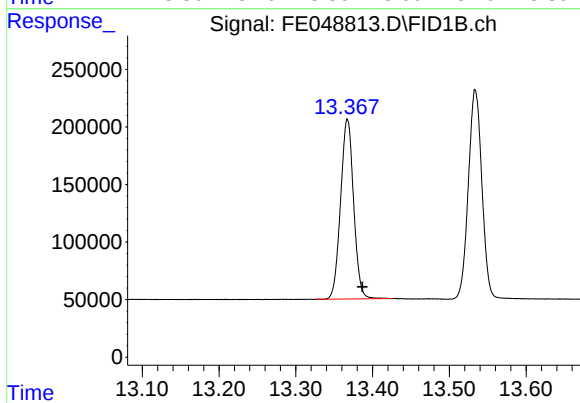
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.019 min
Response: 2279893
Conc: 17.23 ug/ml



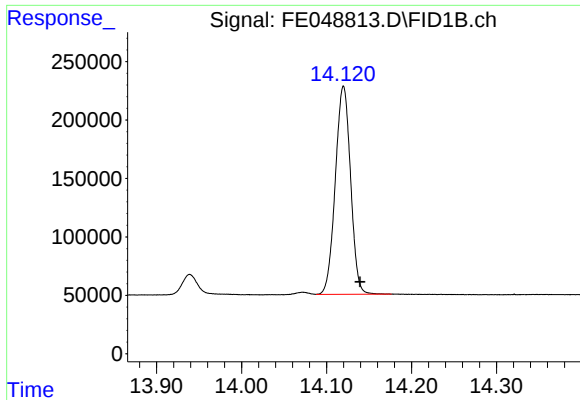
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.019 min
Response: 2220091
Conc: 17.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.367 min
Delta R.T.: -0.020 min
Response: 1845009
Conc: 16.94 ug/ml



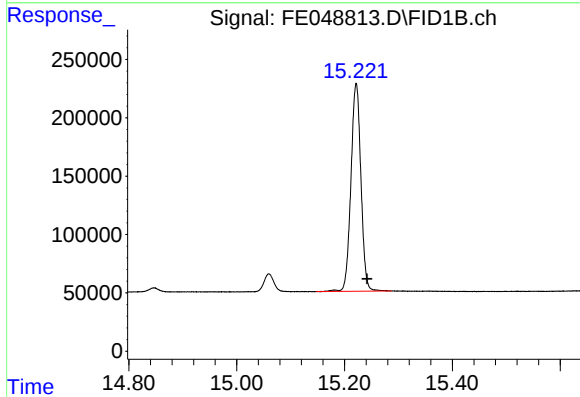
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: -0.019 min
Response: 2222347
Conc: 17.25 ug/ml

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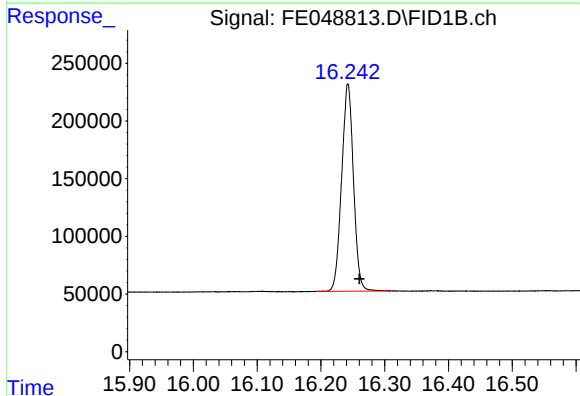
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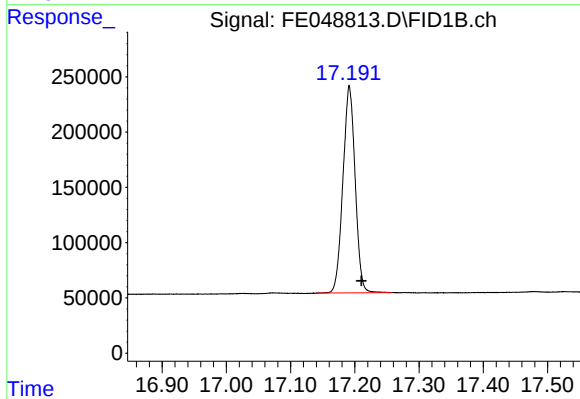
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.020 min
Response: 2285929
Conc: 17.65 ug/ml



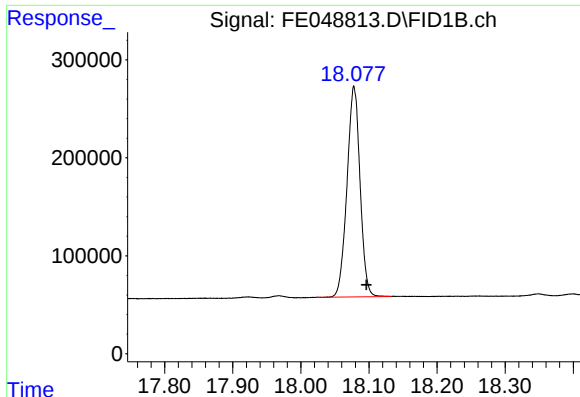
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.018 min
Response: 2320122
Conc: 17.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: -0.019 min
Response: 2477978
Conc: 19.17 ug/ml



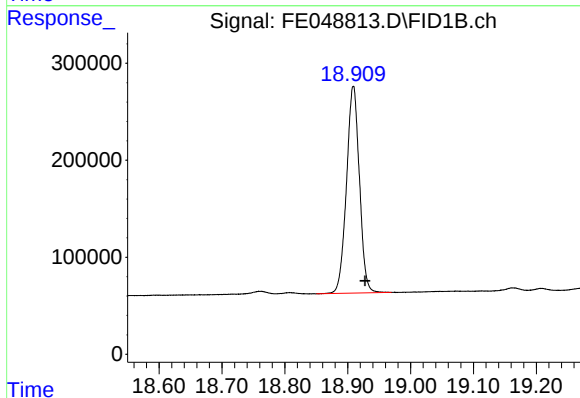
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: -0.018 min
Response: 2865849
Conc: 21.39 ug/ml

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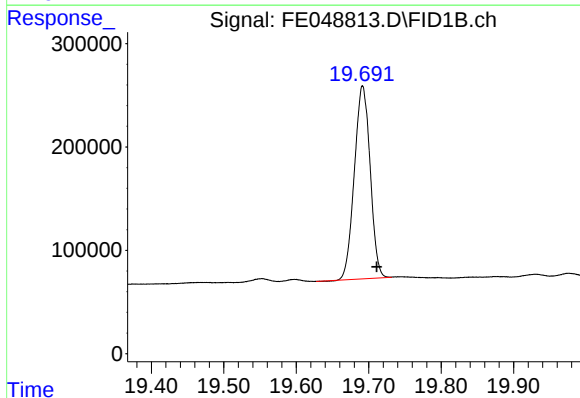
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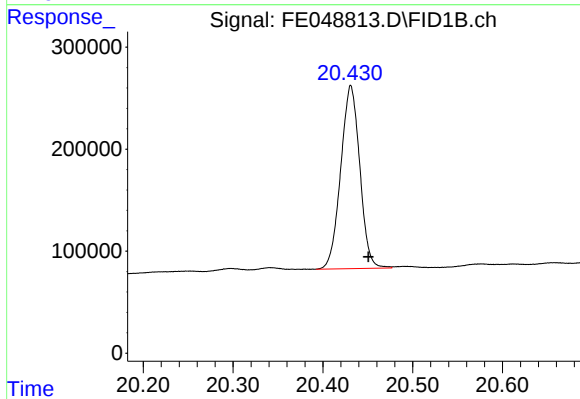
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: -0.019 min
Response: 3047542
Conc: 22.45 ug/ml



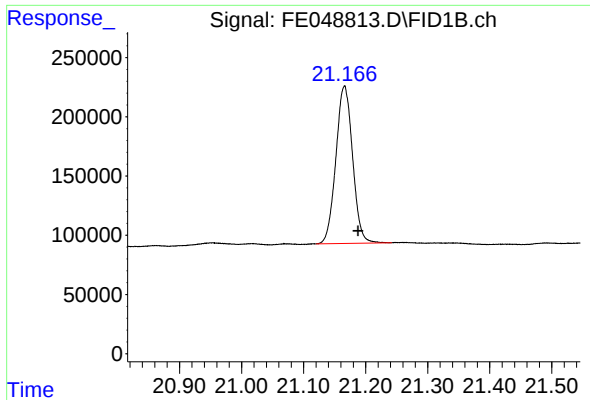
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: -0.020 min
Response: 2825587
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: -0.020 min
Response: 2649665
Conc: 19.49 ug/ml m



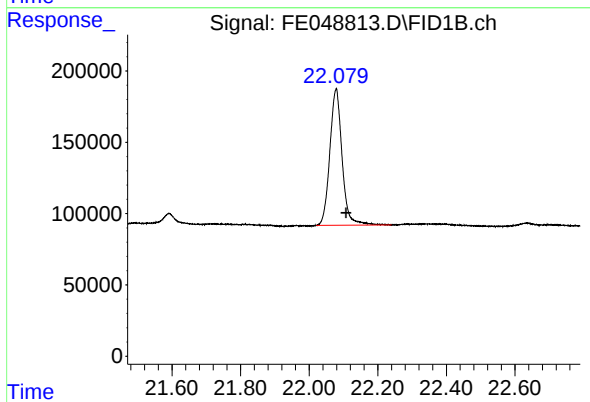
#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: -0.022 min
Response: 2488365
Conc: 18.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.079 min
Delta R.T.: -0.028 min
Response: 2376556
Conc: 17.36 ug/ml