

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080824AL\
 Data File : FE049514.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2024 12:15
 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

Integration File: sample.E
 Quant Time: Aug 08 16:33:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.890	2978695	19.205 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
12) S 1-chlorooctadecane (S...	13.325	2267623	19.409 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T n-Nonane (C9)	3.280	2763134	18.373 ug/ml
2) T n-Decane (C10)	4.530	2870030	18.582 ug/ml
3) T A~Naphthalene (C11.7)	6.236	2906472	18.655 ug/ml
4) T n-Dodecane (C12)	6.697	2850022	18.509 ug/ml
5) T A~2-methylnaphthalene...	7.332	2745247	18.864 ug/ml
6) T n-Tetradecane (C14)	8.524	2818189	18.568 ug/ml
7) T n-Hexadecane (C16)	10.130	2873438	18.947 ug/ml
8) T n-Octadecane (C18)	11.572	2903725	19.125 ug/ml
10) T n-Eicosane (C20)	12.880	2756507	19.062 ug/ml
11) T n-Heneicosane (C21)	13.492	2708918	19.103 ug/ml
13) T n-Docosane (C22)	14.077	2699000	19.211 ug/ml
14) T n-Tetracosane (C24)	15.178	2724237	19.438 ug/ml
15) T n-Hexacosane (C26)	16.198	2706730	19.303 ug/ml
16) T n-Octacosane (C28)	17.146	2783622	19.888 ug/ml
17) T n-Tricontane (C30)	18.032	2999485	20.562 ug/ml
18) T n-Dotriacontane (C32)	18.865	3088124	21.002 ug/ml
19) T n-Tetratriacontane (C34)	19.647	3072244	21.033 ug/ml
20) T n-Hexatriacontane (C36)	20.385	2988313	20.729 ug/ml
21) T n-Octatriacontane (C38)	21.113	2945254	19.676 ug/ml
22) T n-Tetracontane (C40)	22.009	2808273	18.610 ug/ml

(f)=RT Delta > 1/2 Window

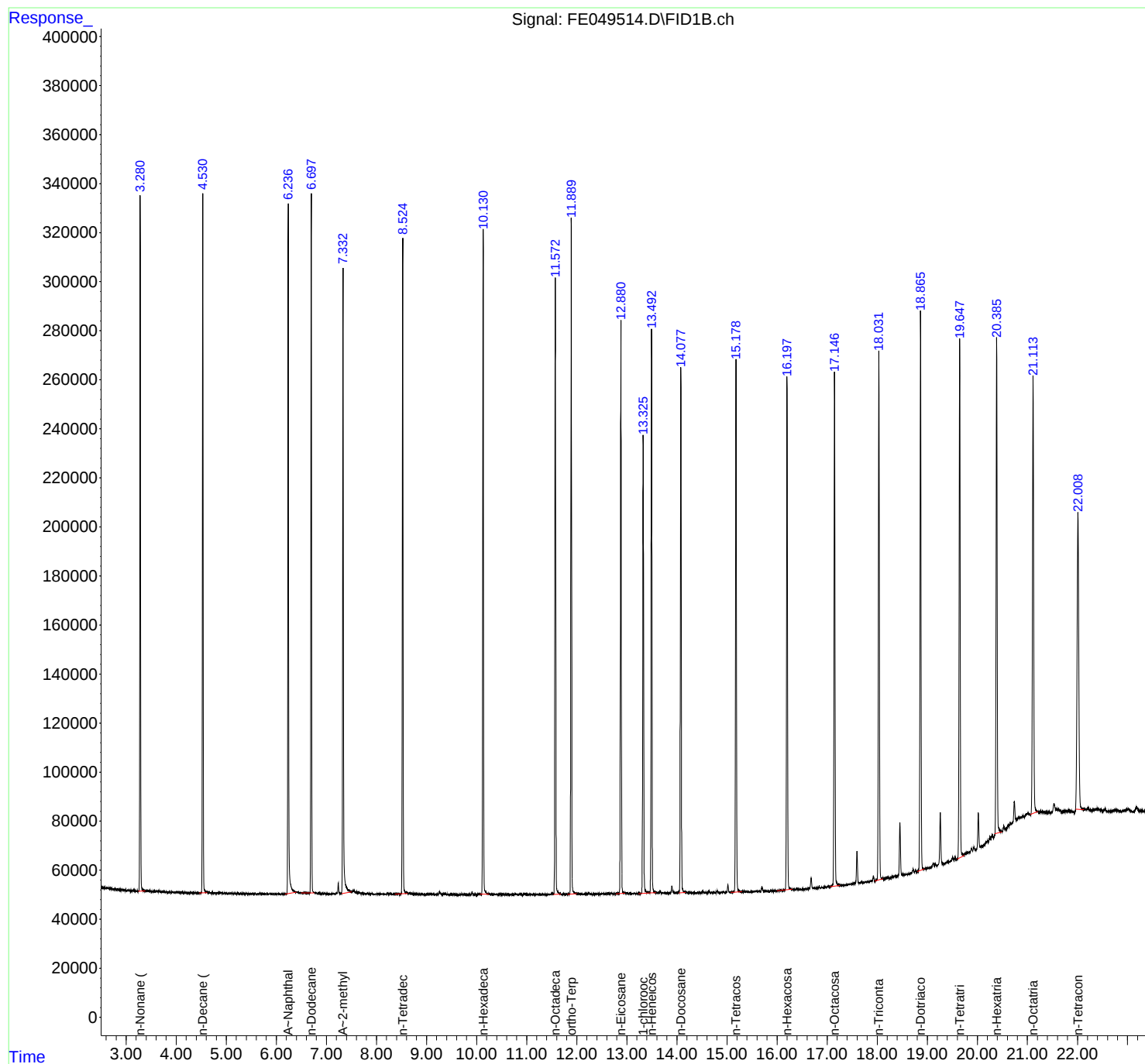
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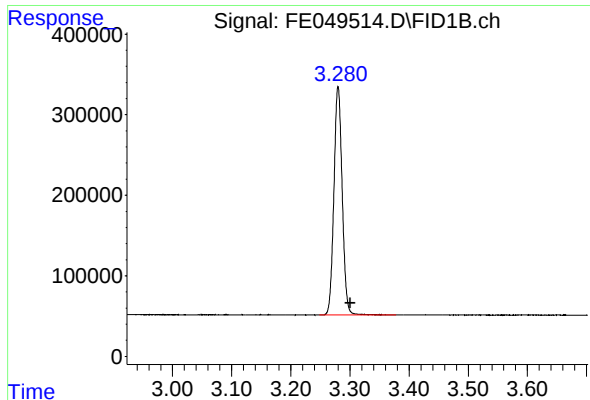
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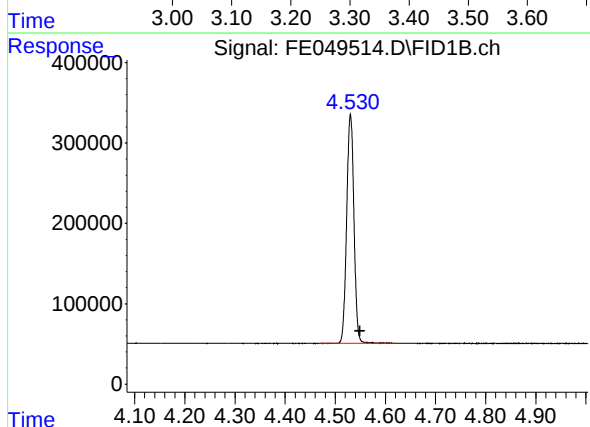




#1 n-Nonane (C9)

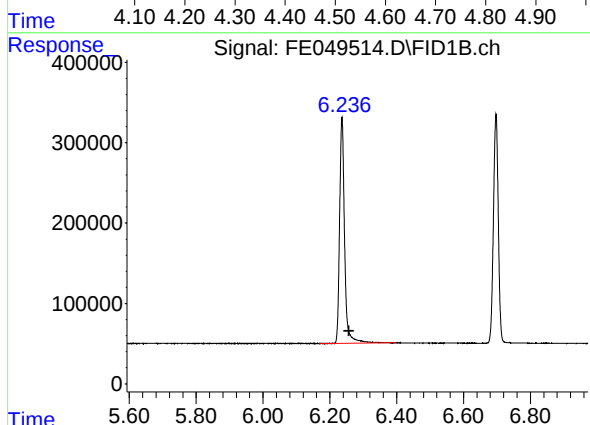
R.T.: 3.280 min
Delta R.T.: -0.021 min
Response: 2763134
Conc: 18.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



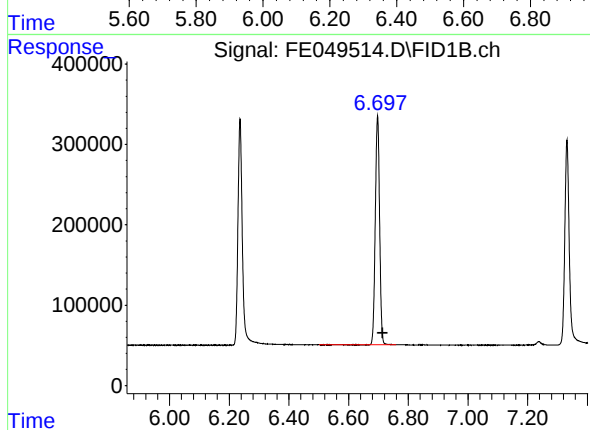
#2 n-Decane (C10)

R.T.: 4.530 min
Delta R.T.: -0.019 min
Response: 2870030
Conc: 18.58 ug/ml



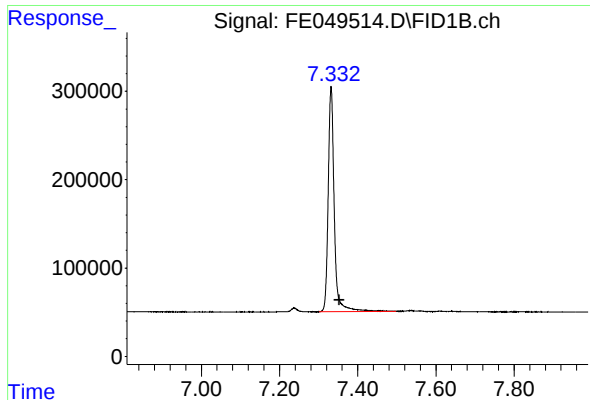
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.020 min
Response: 2906472
Conc: 18.65 ug/ml



#4 n-Dodecane (C12)

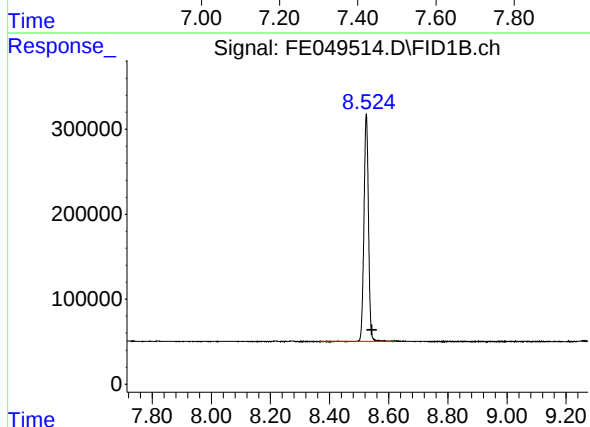
R.T.: 6.697 min
Delta R.T.: -0.018 min
Response: 2850022
Conc: 18.51 ug/ml



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

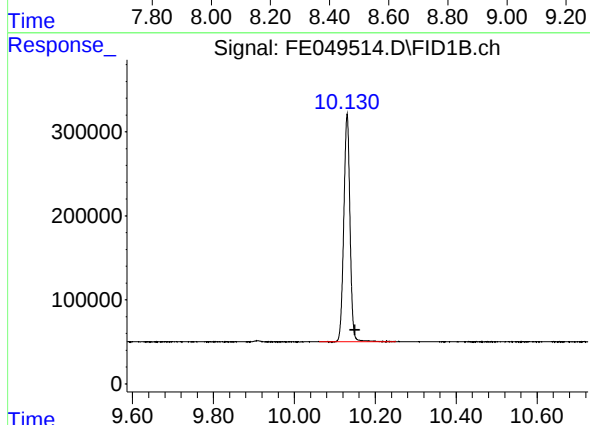
R.T.: 7.332 min
Delta R.T.: -0.021 min
Response: 2745247
Conc: 18.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



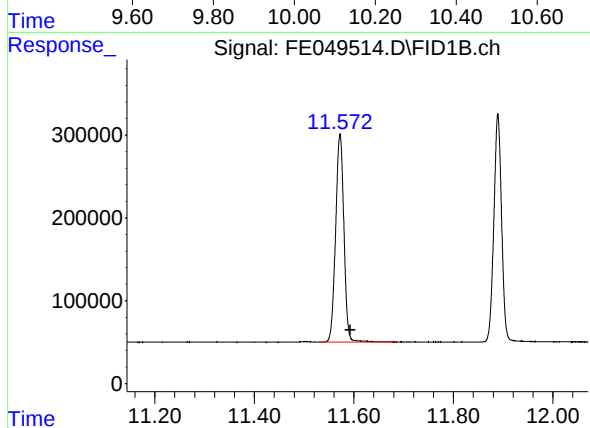
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.019 min
Response: 2818189
Conc: 18.57 ug/ml



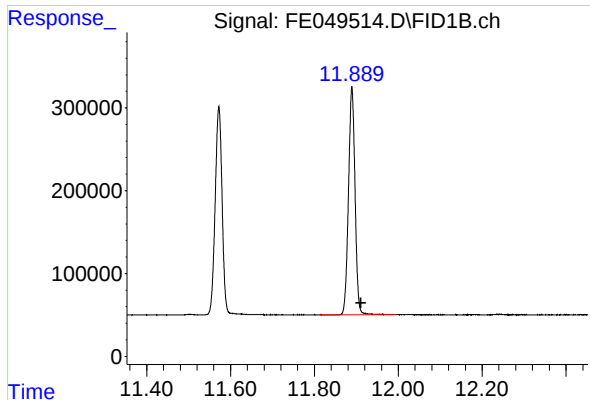
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.019 min
Response: 2873438
Conc: 18.95 ug/ml



#8 n-Octadecane (C18)

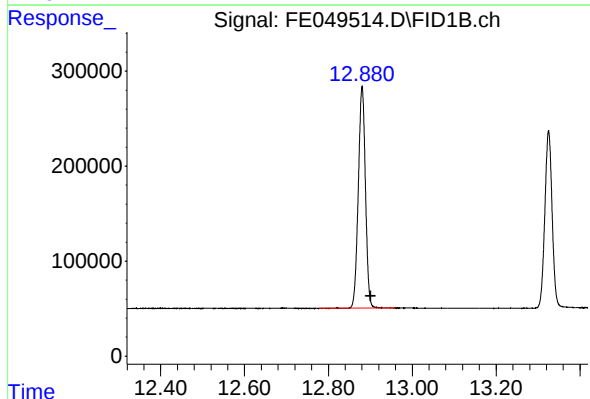
R.T.: 11.572 min
Delta R.T.: -0.021 min
Response: 2903725
Conc: 19.12 ug/ml



#9 ortho-Terphenyl (SURR)

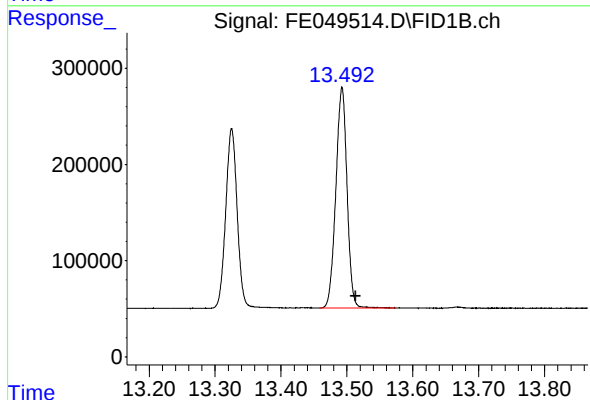
R.T.: 11.890 min
Delta R.T.: -0.021 min
Response: 2978695
Conc: 19.20 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



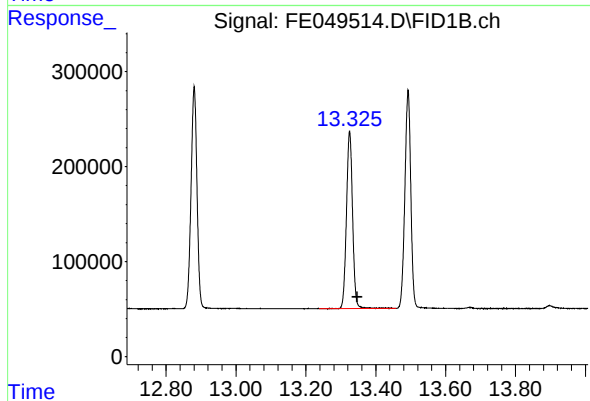
#10 n-Eicosane (C20)

R.T.: 12.880 min
Delta R.T.: -0.021 min
Response: 2756507
Conc: 19.06 ug/ml



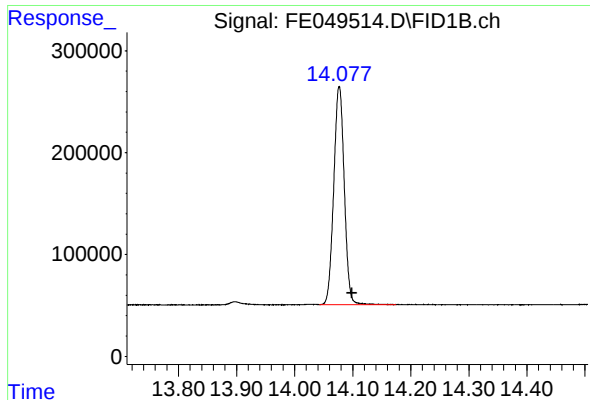
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.021 min
Response: 2708918
Conc: 19.10 ug/ml



#12 1-chlorooctadecane (SURR)

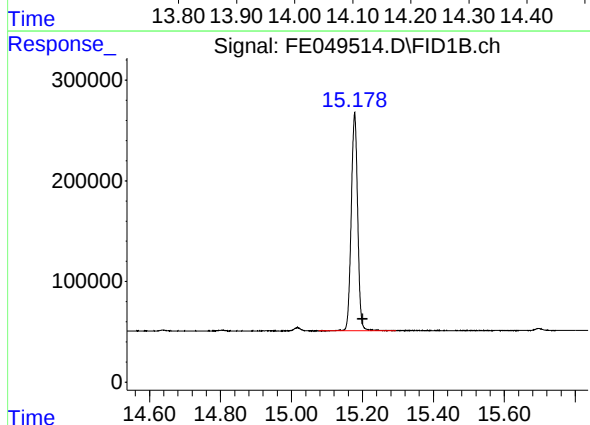
R.T.: 13.325 min
Delta R.T.: -0.021 min
Response: 2267623
Conc: 19.41 ug/ml



#13 n-Docosane (C22)

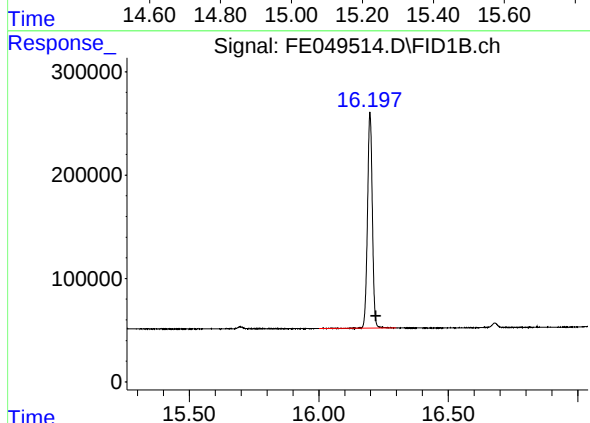
R.T.: 14.077 min
Delta R.T.: -0.022 min
Response: 2699000
Conc: 19.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



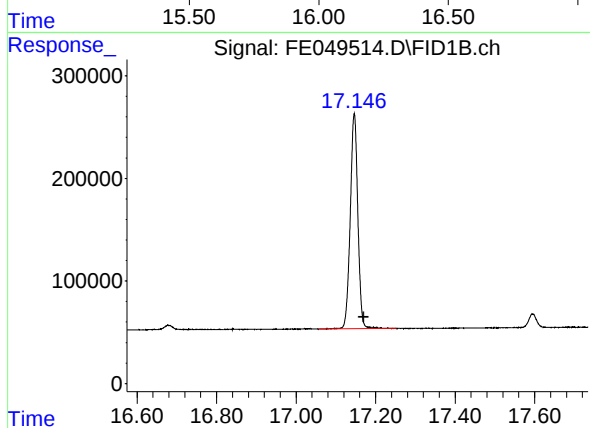
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.022 min
Response: 2724237
Conc: 19.44 ug/ml



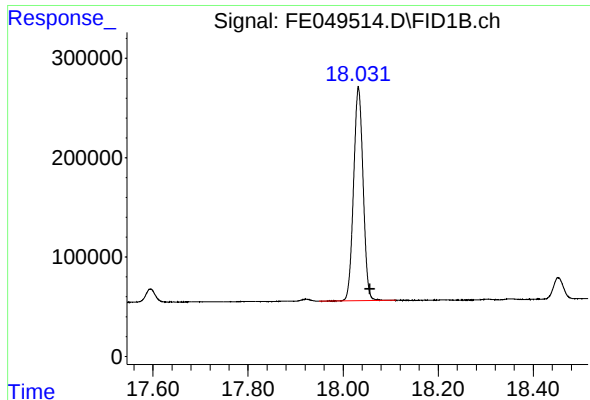
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: -0.023 min
Response: 2706730
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

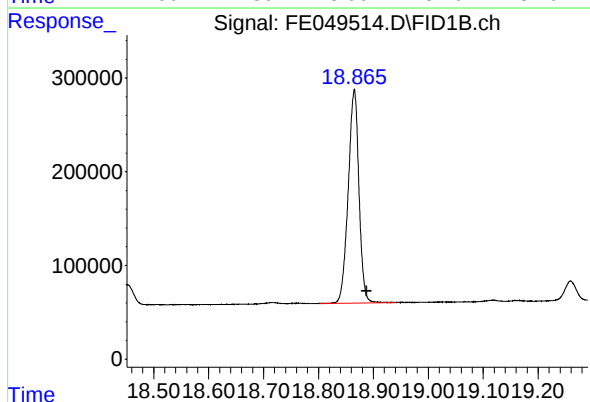
R.T.: 17.146 min
Delta R.T.: -0.024 min
Response: 2783622
Conc: 19.89 ug/ml



#17 n-Tricontane (C30)

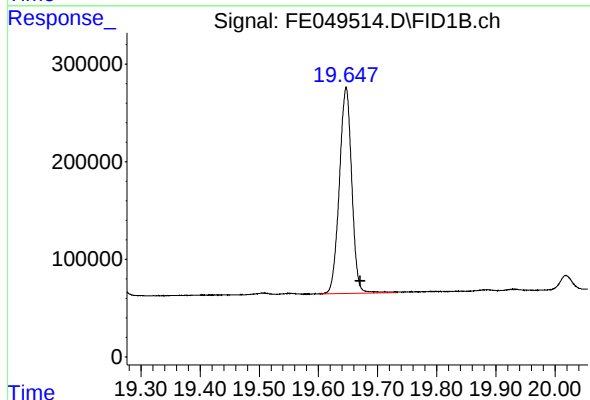
R.T.: 18.032 min
Delta R.T.: -0.024 min
Response: 2999485
Conc: 20.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



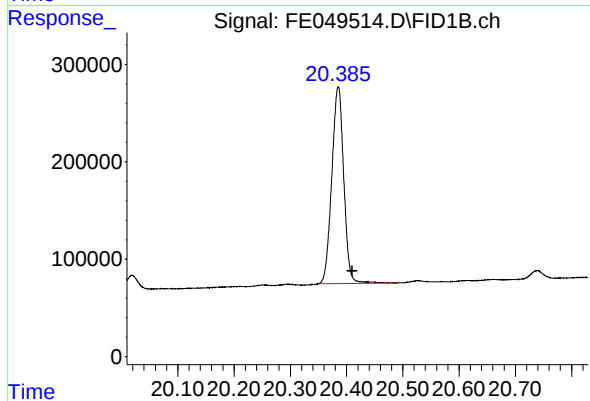
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: -0.023 min
Response: 3088124
Conc: 21.00 ug/ml



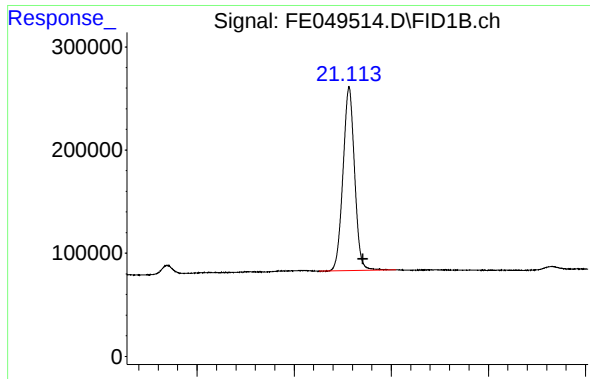
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: -0.024 min
Response: 3072244
Conc: 21.03 ug/ml



#20 n-Hexatriacontane (C36)

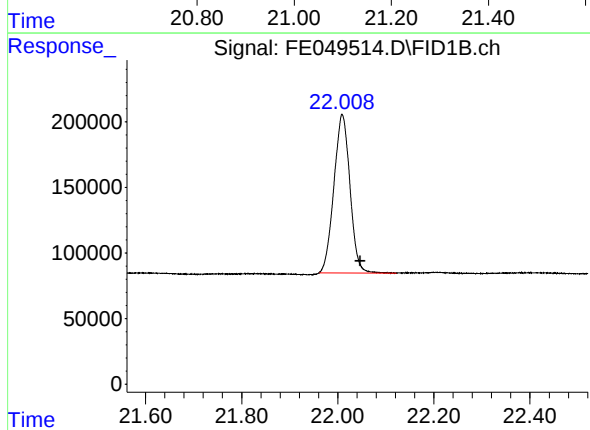
R.T.: 20.385 min
Delta R.T.: -0.025 min
Response: 2988313
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: -0.029 min
Response: 2945254
Conc: 19.68 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.037 min
Response: 2808273
Conc: 18.61 ug/ml