

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051425AL\
 Data File : FE053815.D
 Signal(s) : FID1B.ch
 Acq On : 14 May 2025 13:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 14 14:18:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 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)	11.850	3402083	20.934 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
12) S 1-chlorooctadecane (S...	13.295	2496584	21.059 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
Target Compounds			
1) T n-Nonane (C9)	3.201	2842294	21.030 ug/ml
2) T n-Decane (C10)	4.462	2855288	21.130 ug/ml
3) T A~Naphthalene (C11.7)	6.173	3065823	21.333 ug/ml
4) T n-Dodecane (C12)	6.642	2880304	21.116 ug/ml
5) T A~2-methylnaphthalene...	7.276	2949576	21.265 ug/ml
6) T n-Tetradecane (C14)	8.477	2838185	21.032 ug/ml
7) T n-Hexadecane (C16)	10.089	2841059	21.055 ug/ml
8) T n-Octadecane (C18)	11.536	2830741	21.021 ug/ml
10) T n-Eicosane (C20)	12.850	2770506	21.080 ug/ml
11) T n-Heneicosane (C21)	13.462	2728268	21.044 ug/ml
13) T n-Docosane (C22)	14.050	2735745	21.444 ug/ml
14) T n-Tetracosane (C24)	15.155	2777030	22.196 ug/ml
15) T n-Hexacosane (C26)	16.178	2749318	22.452 ug/ml
16) T n-Octacosane (C28)	17.129	2739972	22.539 ug/ml
17) T n-Tricontane (C30)	18.019	2762584	22.178 ug/ml
18) T n-Dotriacontane (C32)	18.852	2738542	21.899 ug/ml
19) T n-Tetratriacontane (C34)	19.638	2575903	21.624 ug/ml
20) T n-Hexatriacontane (C36)	20.380	2449047	21.151 ug/ml
21) T n-Octatriacontane (C38)	21.112	2362563	21.710 ug/ml
22) T n-Tetracontane (C40)	22.009	2254682	22.722 ug/ml

(f)=RT Delta > 1/2 Window

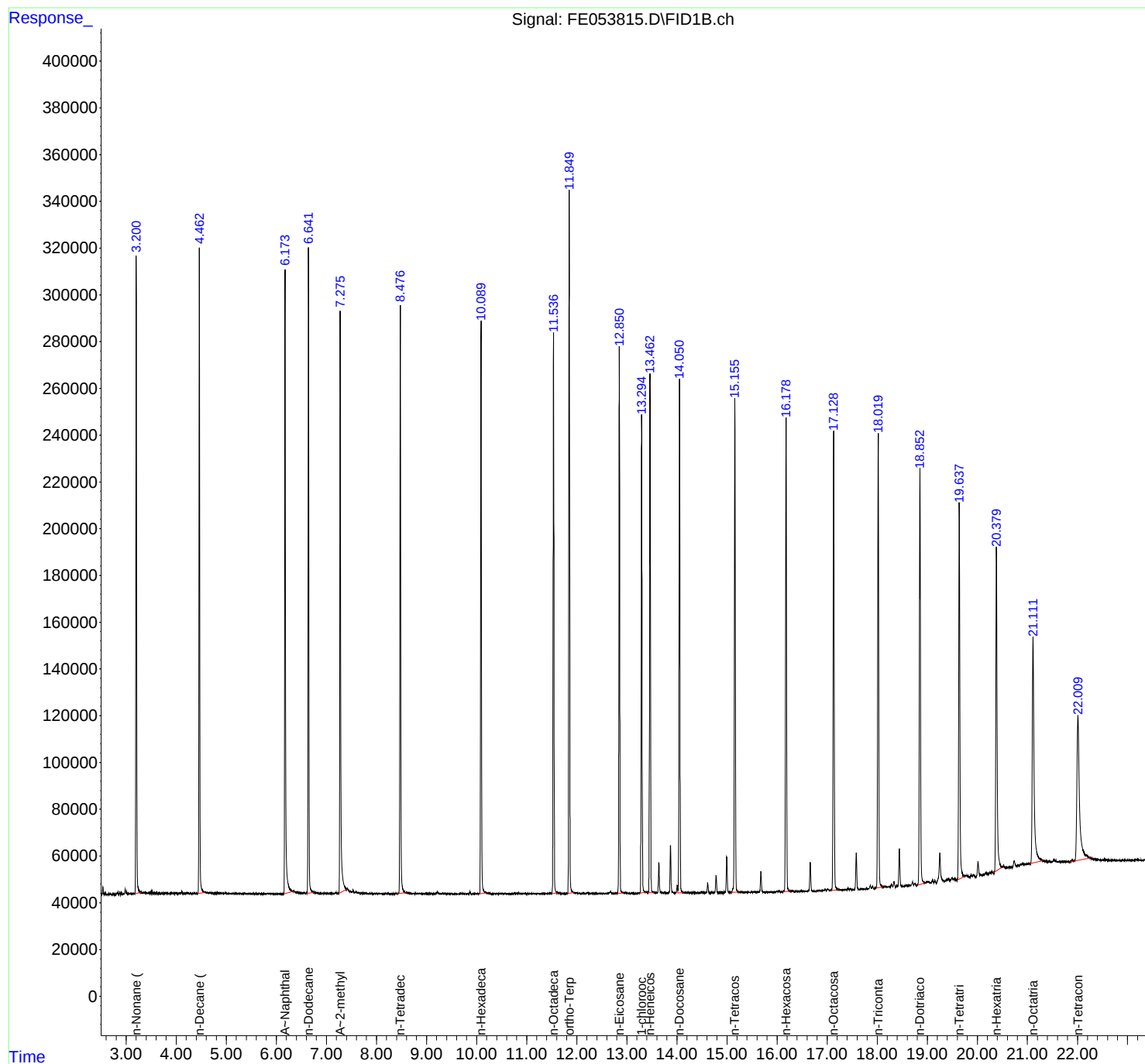
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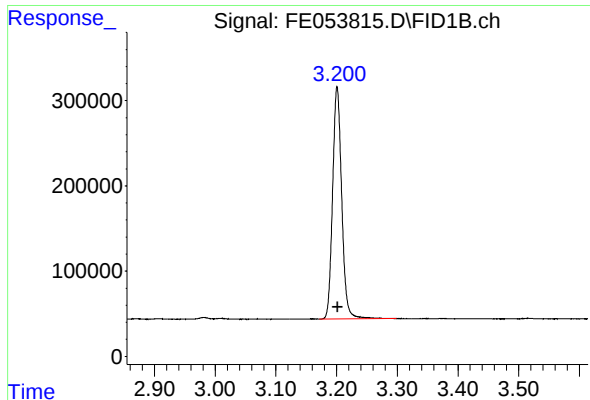
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051425AL\
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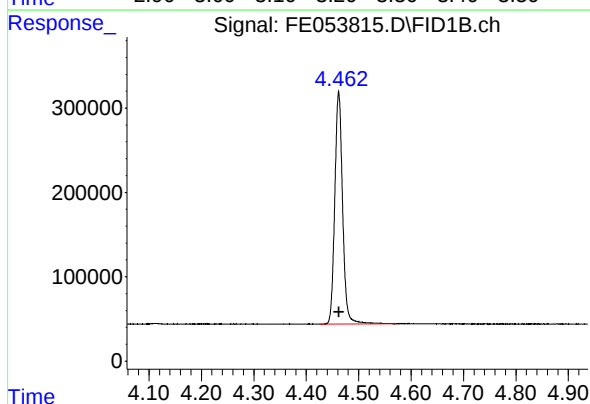




#1 n-Nonane (C9)

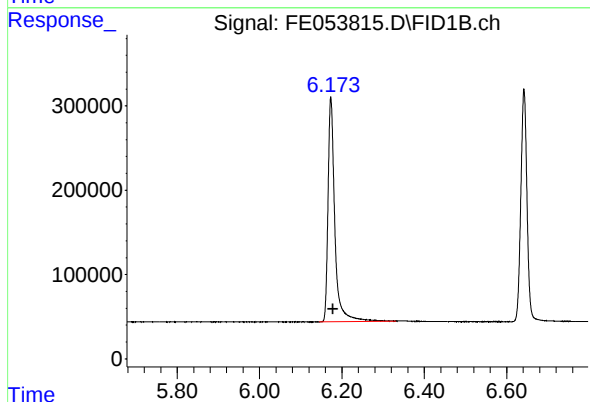
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 2842294
Conc: 21.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



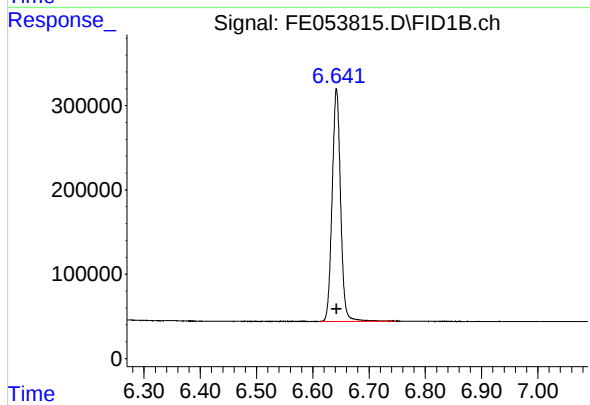
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 2855288
Conc: 21.13 ug/ml



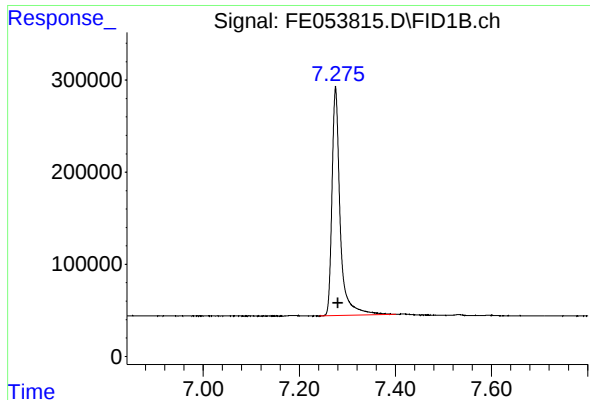
#3 A~Naphthalene (C11.7)

R.T.: 6.173 min
Delta R.T.: -0.005 min
Response: 3065823
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

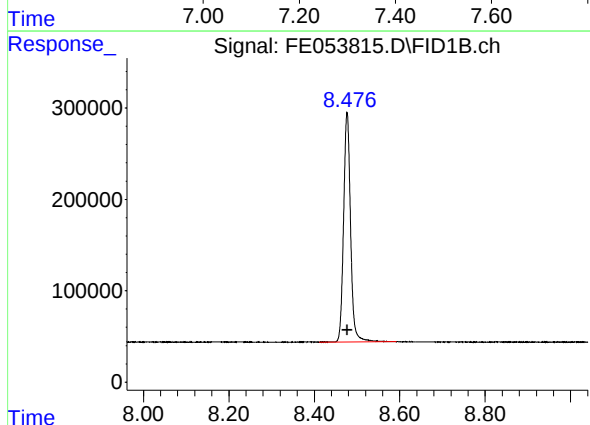
R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 2880304
Conc: 21.12 ug/ml



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

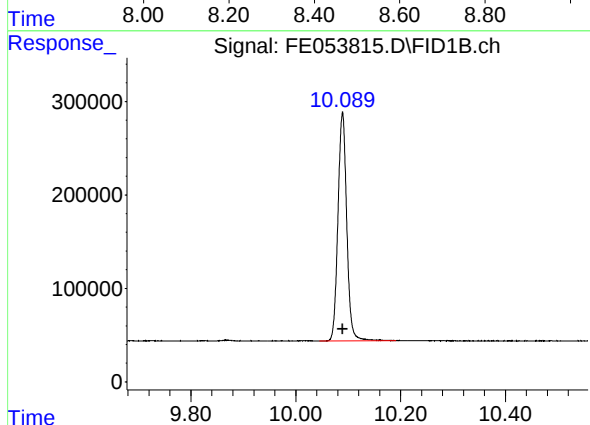
R.T.: 7.276 min
Delta R.T.: -0.005 min
Response: 2949576
Conc: 21.26 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



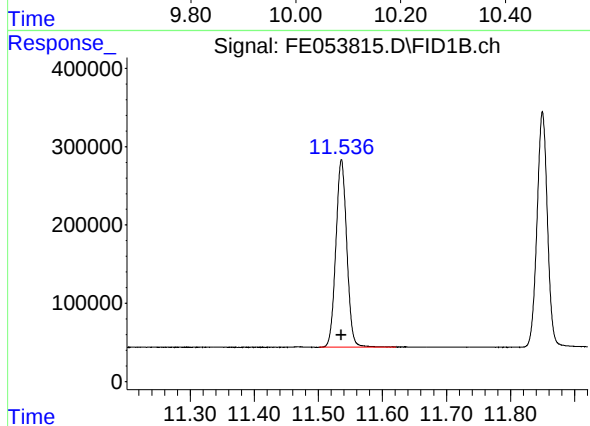
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 2838185
Conc: 21.03 ug/ml



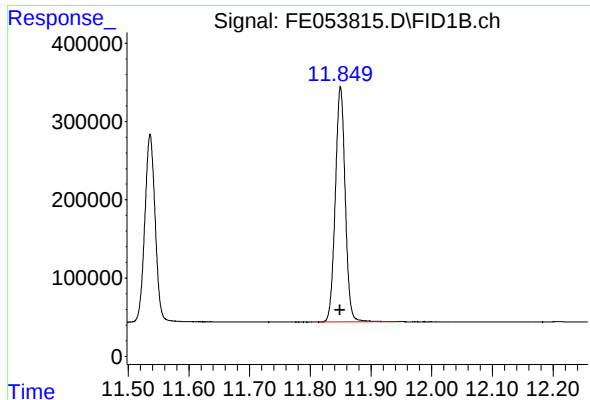
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 2841059
Conc: 21.06 ug/ml



#8 n-Octadecane (C18)

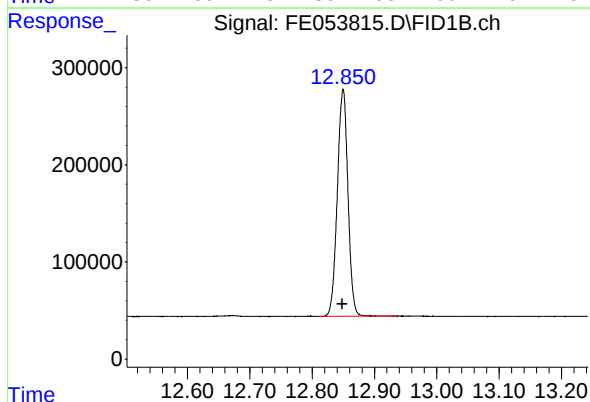
R.T.: 11.536 min
Delta R.T.: 0.000 min
Response: 2830741
Conc: 21.02 ug/ml



#9 ortho-Terphenyl (SURR)

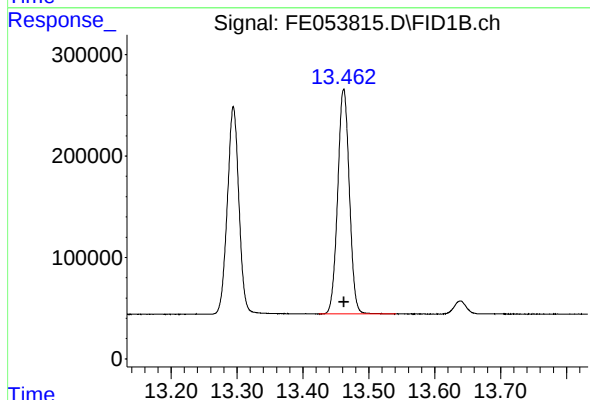
R.T.: 11.850 min
Delta R.T.: 0.001 min
Response: 3402083
Conc: 20.93 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



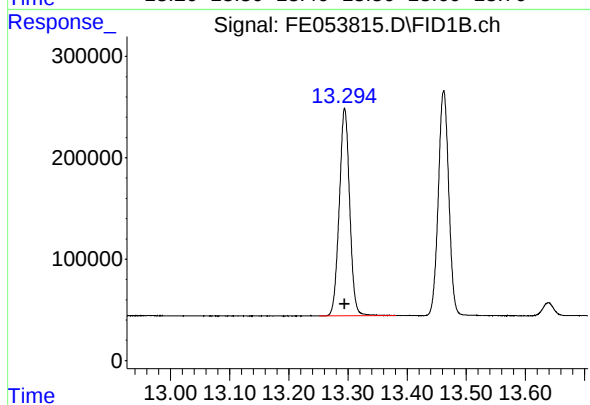
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: 0.000 min
Response: 2770506
Conc: 21.08 ug/ml



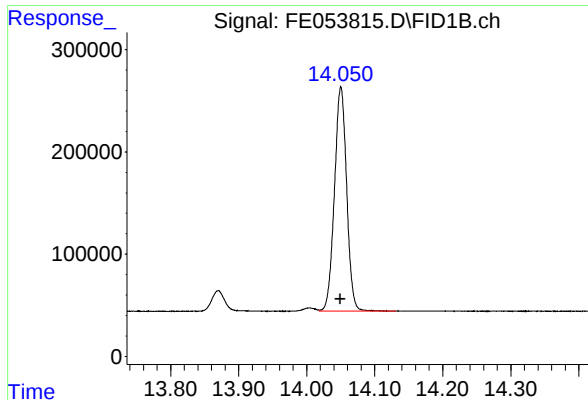
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 2728268
Conc: 21.04 ug/ml



#12 1-chlorooctadecane (SURR)

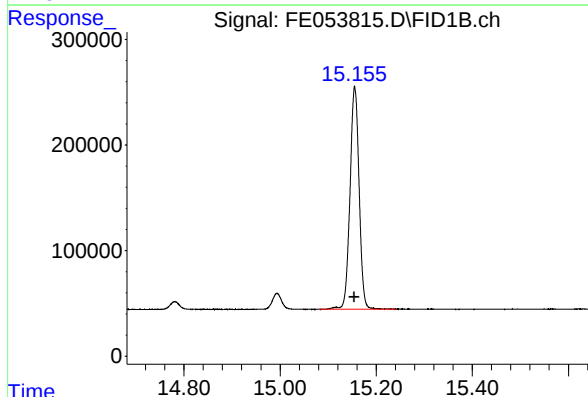
R.T.: 13.295 min
Delta R.T.: 0.000 min
Response: 2496584
Conc: 21.06 ug/ml



#13 n-Docosane (C22)

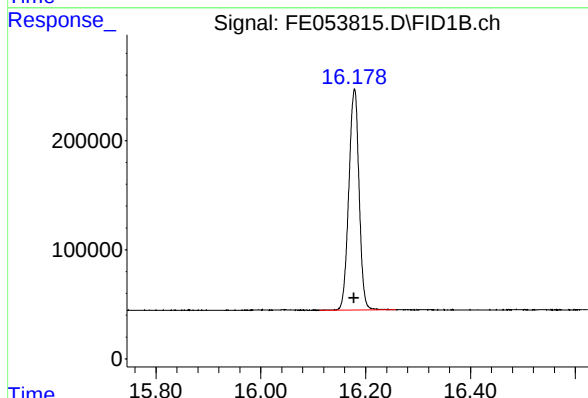
R.T.: 14.050 min
Delta R.T.: 0.000 min
Response: 2735745
Conc: 21.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



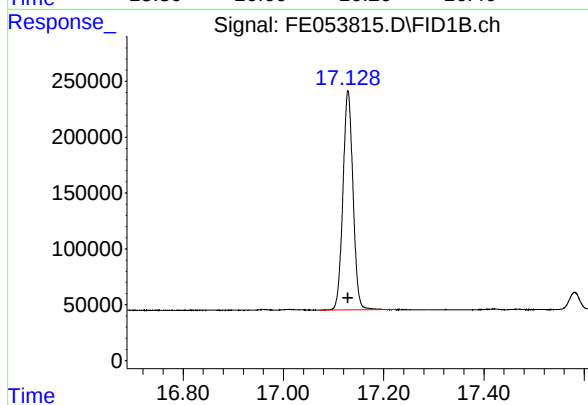
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: 0.000 min
Response: 2777030
Conc: 22.20 ug/ml



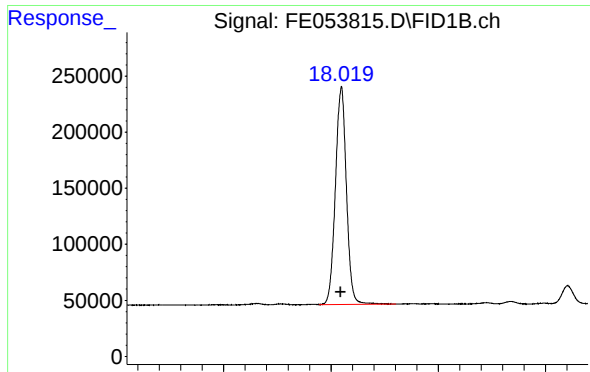
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 2749318
Conc: 22.45 ug/ml



#16 n-Octacosane (C28)

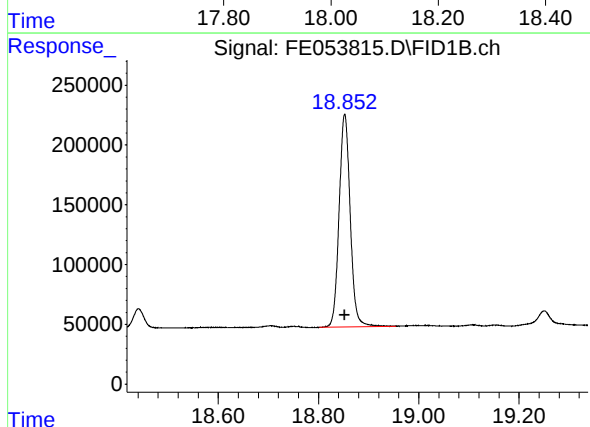
R.T.: 17.129 min
Delta R.T.: 0.000 min
Response: 2739972
Conc: 22.54 ug/ml



#17 n-Tricontane (C30)

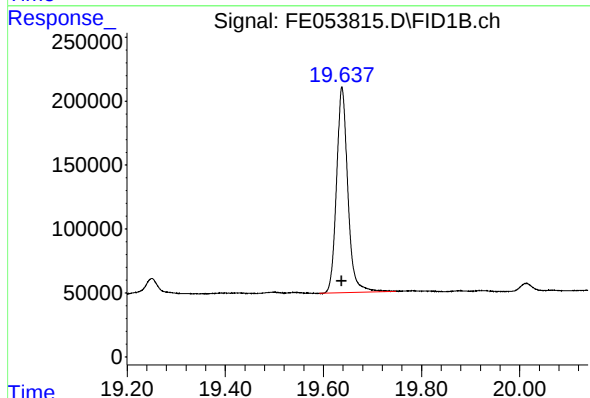
R.T.: 18.019 min
Delta R.T.: 0.001 min
Response: 2762584
Conc: 22.18 ug/ml

Instrument :
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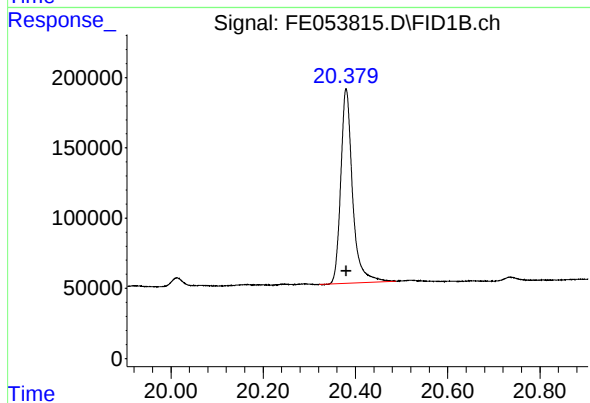
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: 0.000 min
Response: 2738542
Conc: 21.90 ug/ml



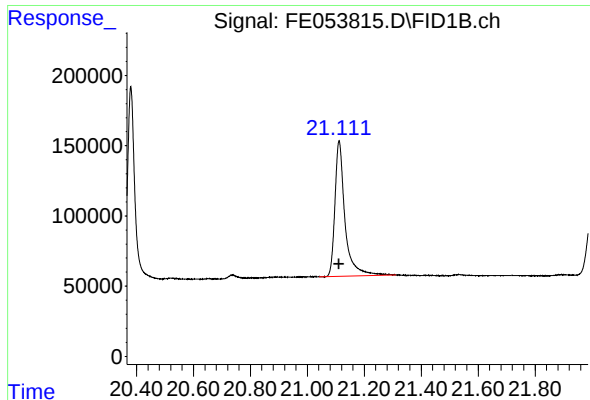
#19 n-Tetatriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 2575903
Conc: 21.62 ug/ml



#20 n-Hexatriacontane (C36)

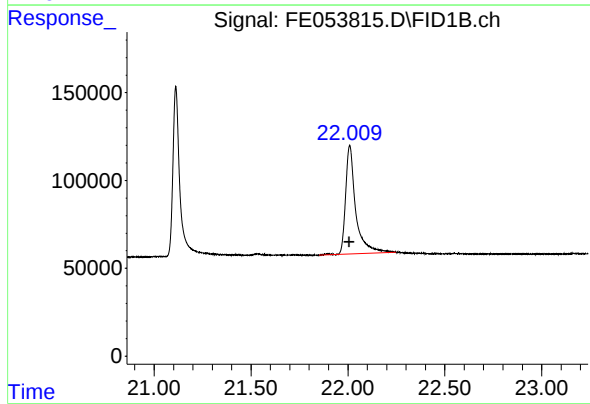
R.T.: 20.380 min
Delta R.T.: 0.000 min
Response: 2449047
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 2362563
Conc: 21.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: 0.002 min
Response: 2254682
Conc: 22.72 ug/ml