

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
 Data File : FE051643.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2024 16:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 12 17:18:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 15:49:08 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)	11.989	3005369	19.441 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
12) S 1-chlorooctadecane (S...	13.407	2392334	19.273 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.480	2284010	19.633 ug/ml
2) T n-Decane (C10)	4.709	2346497	19.647 ug/ml
3) T A~Naphthalene (C11.7)	6.391	2646811	19.639 ug/ml
4) T n-Dodecane (C12)	6.840	2411902	19.633 ug/ml
5) T A~2-methylnaphthalene...	7.471	2609647	19.682 ug/ml
6) T n-Tetradecane (C14)	8.647	2453412	19.552 ug/ml
7) T n-Hexadecane (C16)	10.239	2614935	19.455 ug/ml
8) T n-Octadecane (C18)	11.669	2738794	19.393 ug/ml
10) T n-Eicosane (C20)	12.965	2723356	19.315 ug/ml
11) T n-Heneicosane (C21)	13.572	2732624	19.247 ug/ml
13) T n-Docosane (C22)	14.153	2743911	19.283 ug/ml
14) T n-Tetracosane (C24)	15.245	2791448	19.105 ug/ml
15) T n-Hexacosane (C26)	16.255	2786287	19.147 ug/ml
16) T n-Octacosane (C28)	17.197	2756133	18.880 ug/ml
17) T n-Tricontane (C30)	18.076	2797574	18.349 ug/ml
18) T n-Dotriacontane (C32)	18.900	2703156	18.035 ug/ml
19) T n-Tetratriacontane (C34)	19.677	2369823	18.055 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2077338	17.914 ug/ml
21) T n-Octatriacontane (C38)	21.138	1899462	18.448 ug/ml
22) T n-Tetracontane (C40)	22.049	1956128	19.534 ug/ml

(f)=RT Delta > 1/2 Window

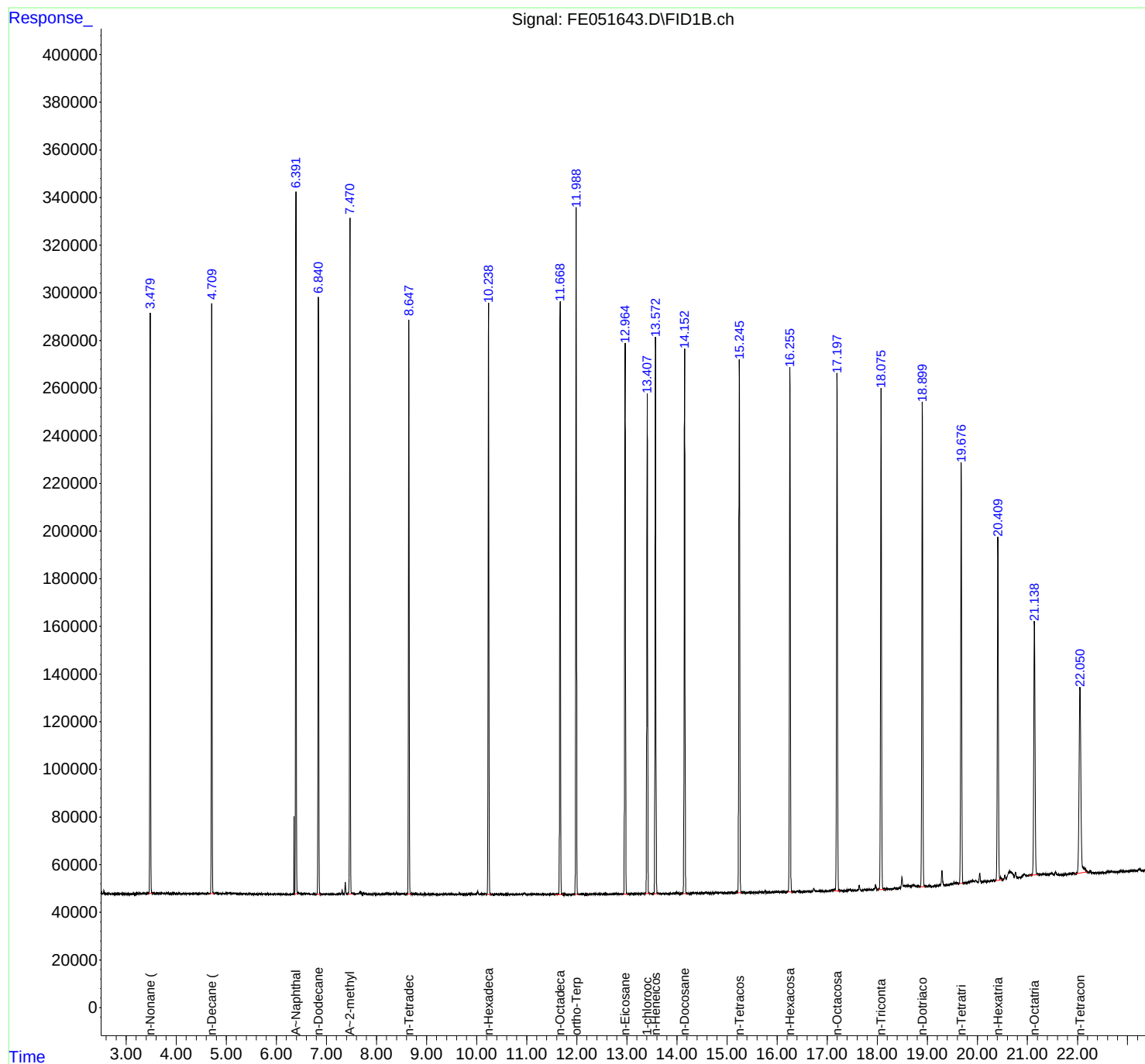
(m)=manual int.

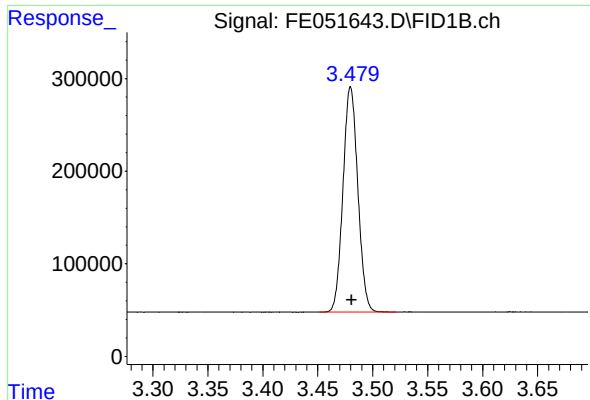
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121224AL\
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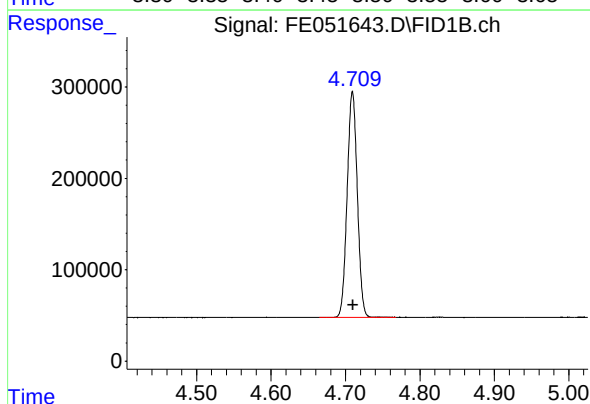




#1 n-Nonane (C9)

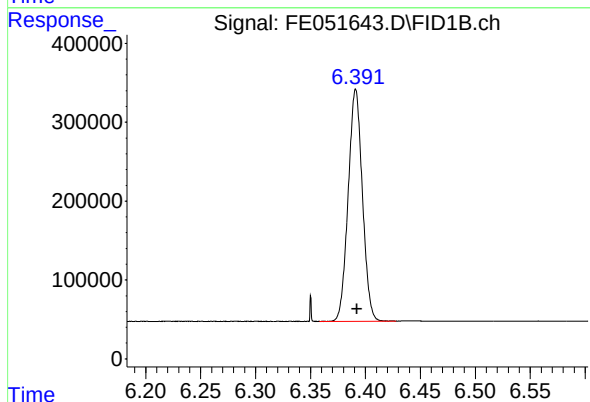
R.T.: 3.480 min
Delta R.T.: 0.000 min
Response: 2284010
Conc: 19.63 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



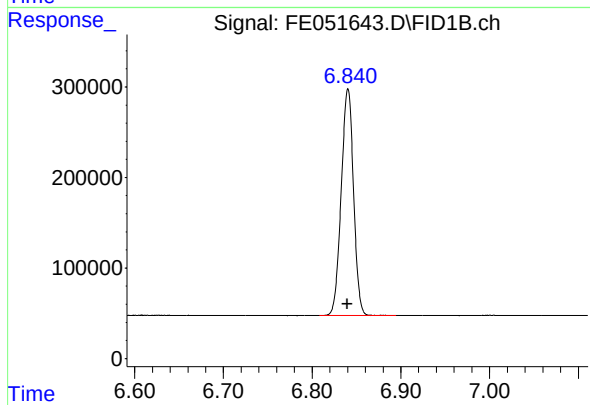
#2 n-Decane (C10)

R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 2346497
Conc: 19.65 ug/ml



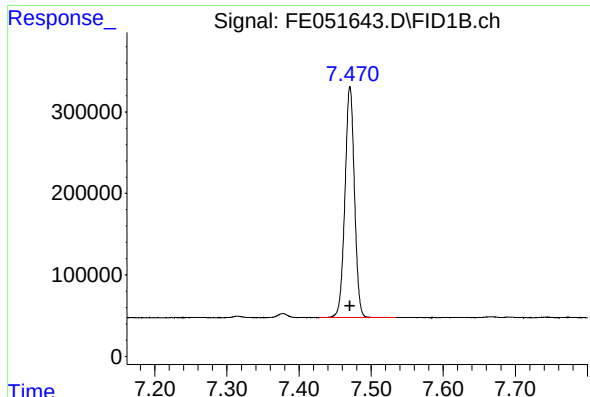
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: -0.001 min
Response: 2646811
Conc: 19.64 ug/ml



#4 n-Dodecane (C12)

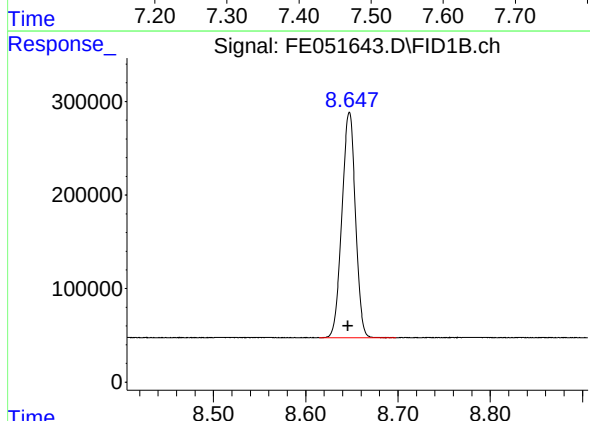
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 2411902
Conc: 19.63 ug/ml



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

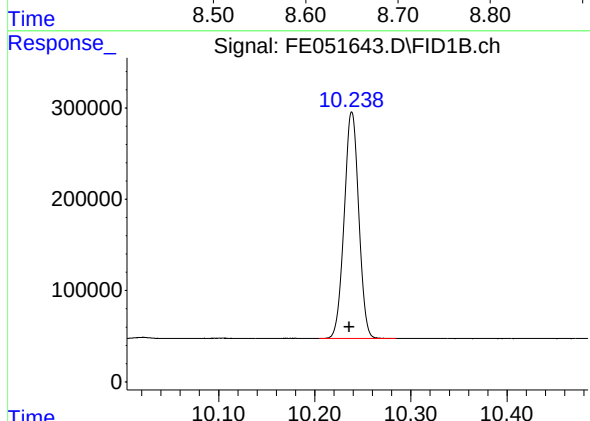
R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 2609647
Conc: 19.68 ug/ml

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20 PPM ALIPHATIC HC STD



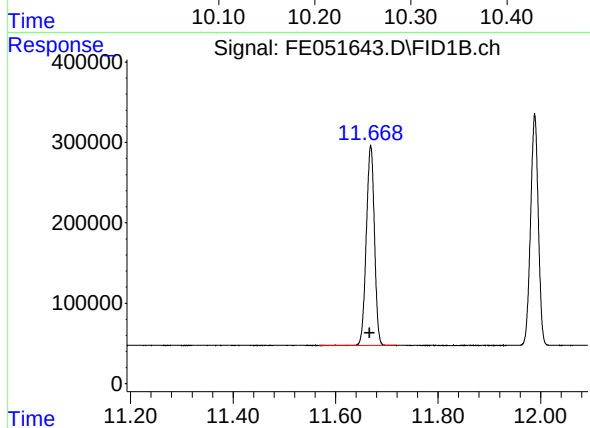
#6 n-Tetradecane (C14)

R.T.: 8.647 min
Delta R.T.: 0.001 min
Response: 2453412
Conc: 19.55 ug/ml



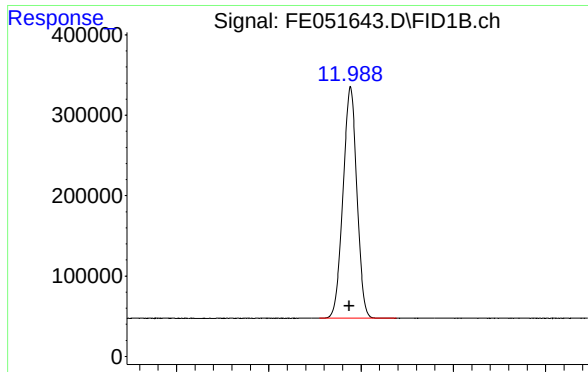
#7 n-Hexadecane (C16)

R.T.: 10.239 min
Delta R.T.: 0.002 min
Response: 2614935
Conc: 19.46 ug/ml



#8 n-Octadecane (C18)

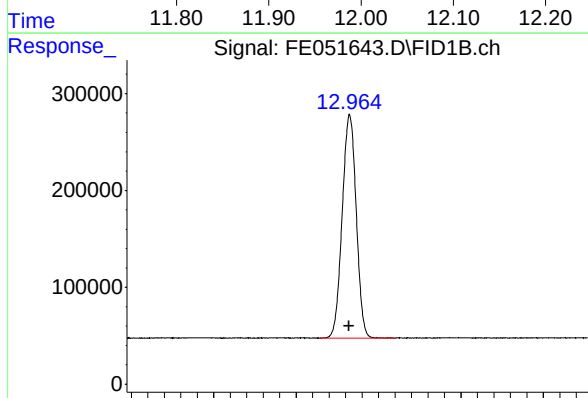
R.T.: 11.669 min
Delta R.T.: 0.002 min
Response: 2738794
Conc: 19.39 ug/ml



#9 ortho-Terphenyl (SURR)

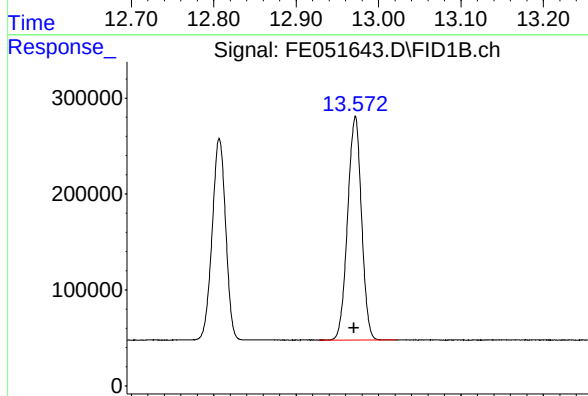
R.T.: 11.989 min
Delta R.T.: 0.000 min
Response: 3005369
Conc: 19.44 ug/ml

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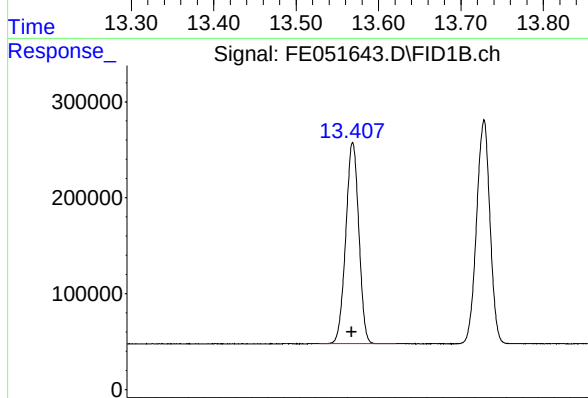
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.000 min
Response: 2723356
Conc: 19.32 ug/ml



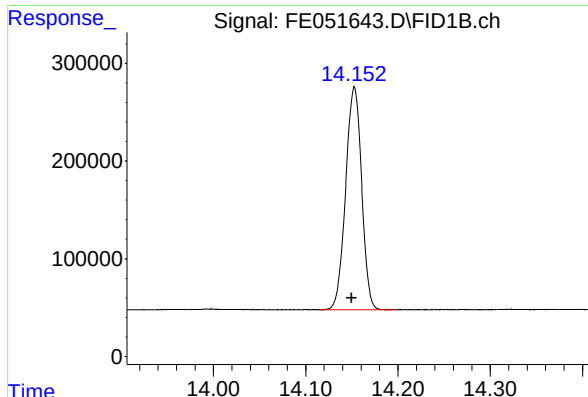
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: 0.002 min
Response: 2732624
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

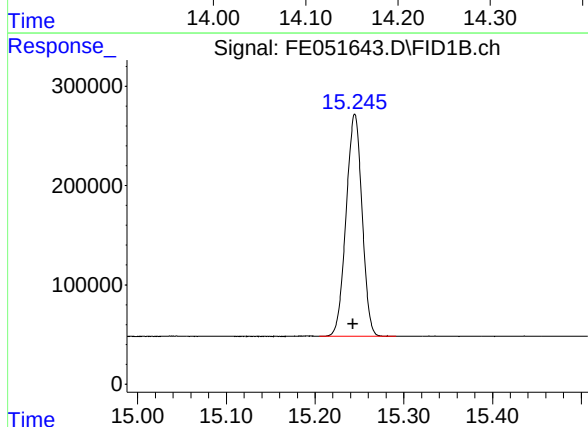
R.T.: 13.407 min
Delta R.T.: 0.001 min
Response: 2392334
Conc: 19.27 ug/ml



#13 n-Docosane (C22)

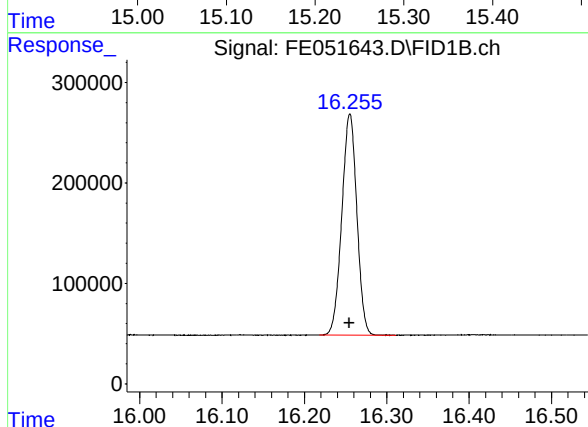
R.T.: 14.153 min
Delta R.T.: 0.003 min
Response: 2743911
Conc: 19.28 ug/ml

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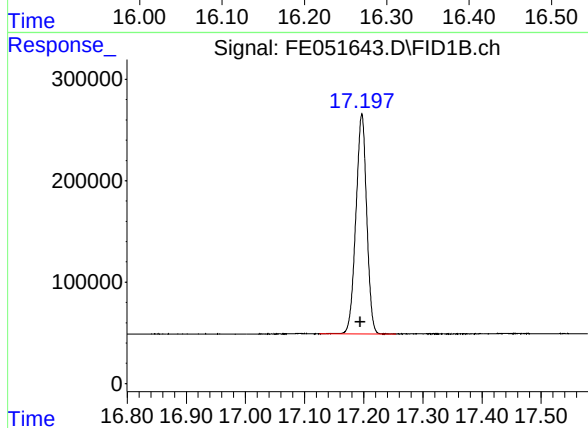
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: 0.002 min
Response: 2791448
Conc: 19.11 ug/ml



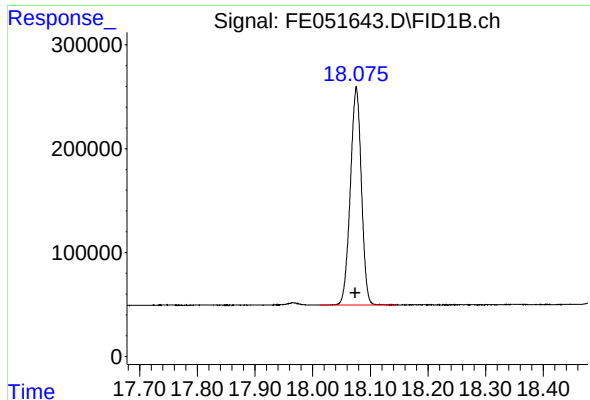
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.000 min
Response: 2786287
Conc: 19.15 ug/ml



#16 n-Octacosane (C28)

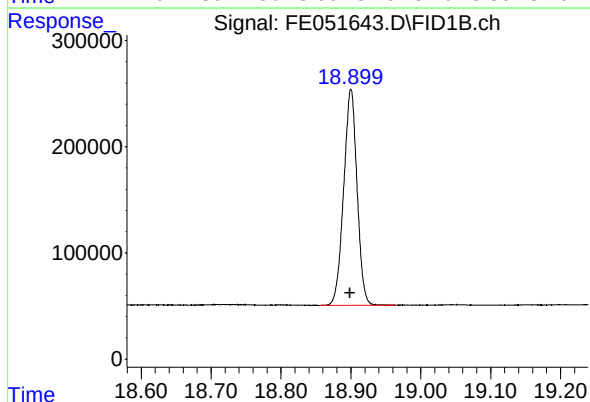
R.T.: 17.197 min
Delta R.T.: 0.002 min
Response: 2756133
Conc: 18.88 ug/ml



#17 n-Tricontane (C30)

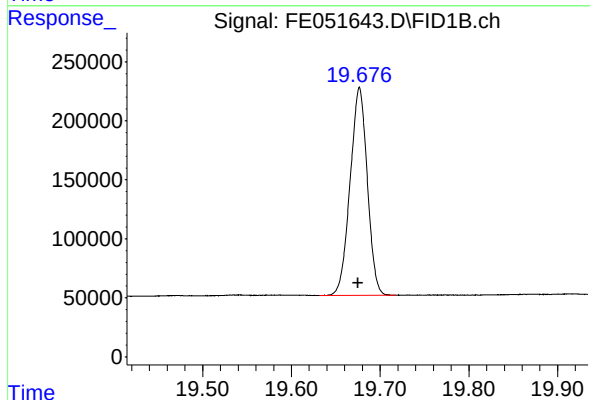
R.T.: 18.076 min
Delta R.T.: 0.002 min
Response: 2797574
Conc: 18.35 ug/ml

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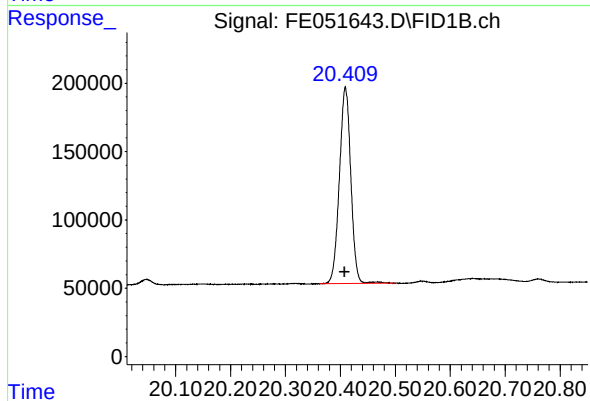
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.001 min
Response: 2703156
Conc: 18.04 ug/ml



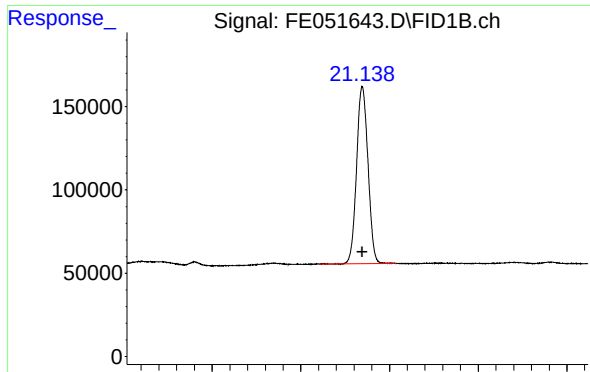
#19 n-Tetatriacontane (C34)

R.T.: 19.677 min
Delta R.T.: 0.002 min
Response: 2369823
Conc: 18.05 ug/ml



#20 n-Hexatriacontane (C36)

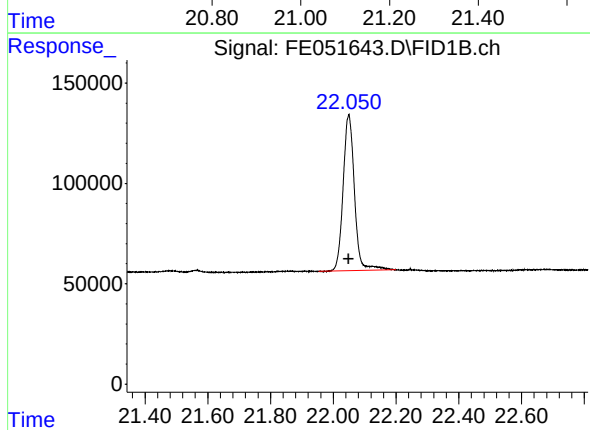
R.T.: 20.409 min
Delta R.T.: 0.001 min
Response: 2077338
Conc: 17.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: 0.000 min
Response: 1899462
Conc: 18.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.049 min
Delta R.T.: 0.000 min
Response: 1956128
Conc: 19.53 ug/ml