

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012825AL\
 Data File : FE052105.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jan 2025 08:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 29 03:05:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.197	2754771	19.274 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	13.612	2119121	18.473 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	3.679	2118009	19.866 ug/ml
2) T n-Decane (C10)	4.905	2236418	20.428 ug/ml
3) T A~Naphthalene (C11.7)	6.599	2544982	20.944 ug/ml
4) T n-Dodecane (C12)	7.033	2333399	20.674 ug/ml
5) T A~2-methylnaphthalene...	7.679	2500731	20.947 ug/ml
6) T n-Tetradecane (C14)	8.838	2377355	20.440 ug/ml
7) T n-Hexadecane (C16)	10.432	2503316	19.849 ug/ml
8) T n-Octadecane (C18)	11.865	2553670	19.301 ug/ml
10) T n-Eicosane (C20)	13.166	2467245	18.820 ug/ml
11) T n-Heneicosane (C21)	13.775	2425502	18.634 ug/ml
13) T n-Docosane (C22)	14.358	2409464	18.360 ug/ml
14) T n-Tetracosane (C24)	15.455	2383630	17.945 ug/ml
15) T n-Hexacosane (C26)	16.472	2332491	17.646 ug/ml
16) T n-Octacosane (C28)	17.418	2283763	17.303 ug/ml
17) T n-Tricontane (C30)	18.304	2319979	17.016 ug/ml
18) T n-Dotriacontane (C32)	19.134	2226196	16.987 ug/ml
19) T n-Tetratriacontane (C34)	19.916	1954484	17.360 ug/ml
20) T n-Hexatriacontane (C36)	20.654	1698810	17.886 ug/ml
21) T n-Octatriacontane (C38)	21.441	1602804	18.555 ug/ml
22) T n-Tetracontane (C40)	22.439	1617026	19.622 ug/ml

(f)=RT Delta > 1/2 Window

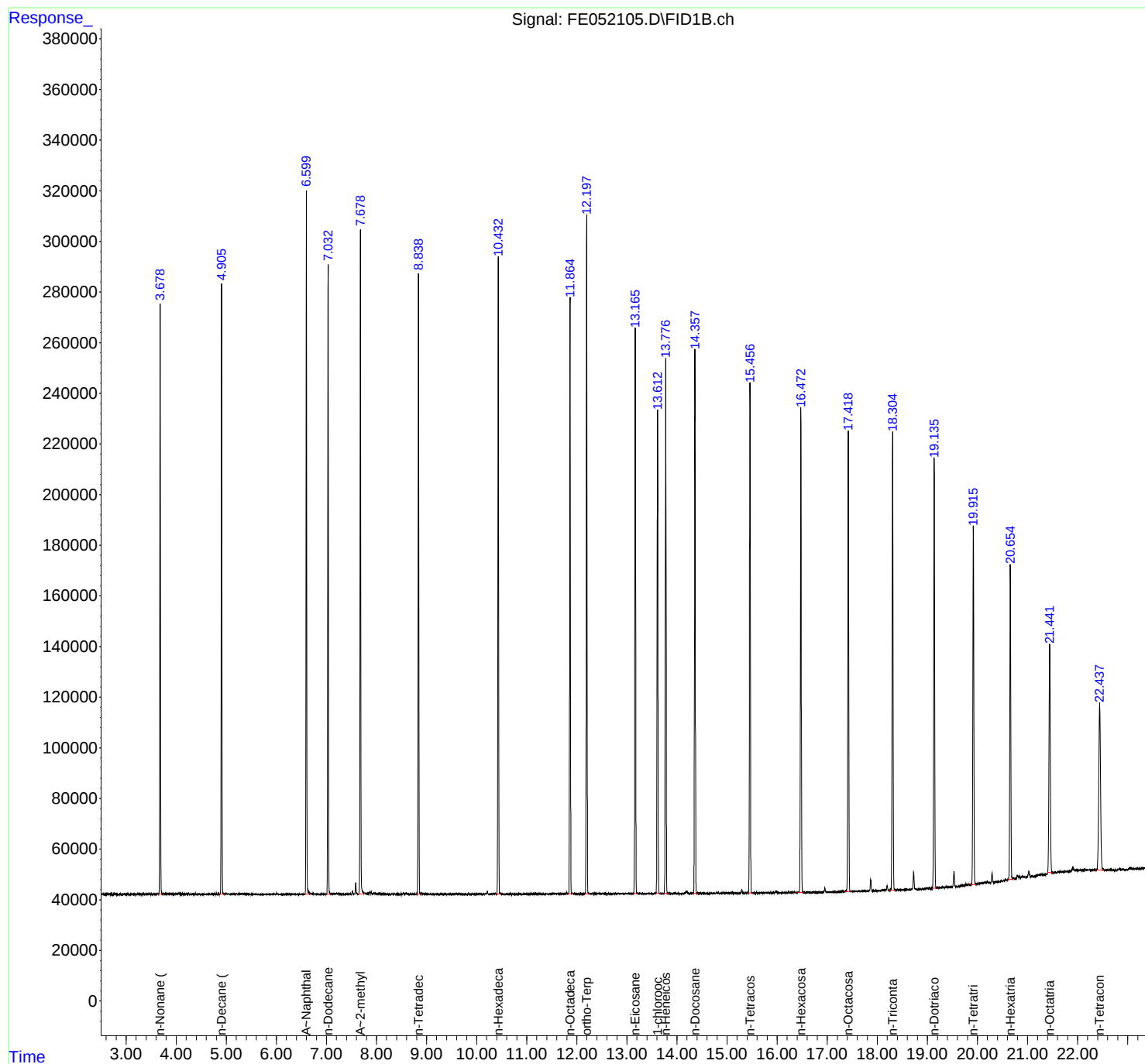
(m)=manual int.

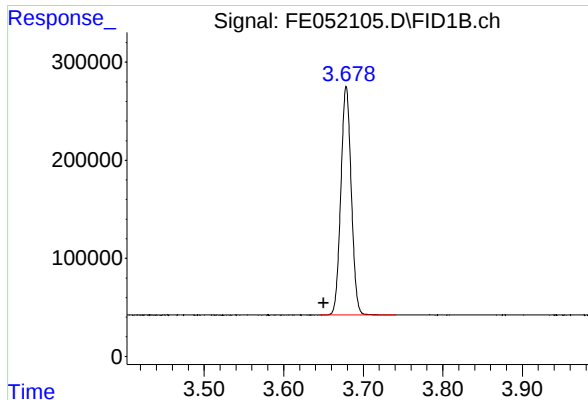
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012825AL\
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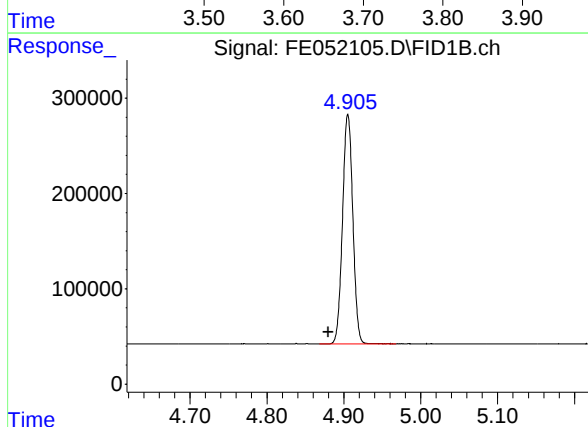




#1 n-Nonane (C9)

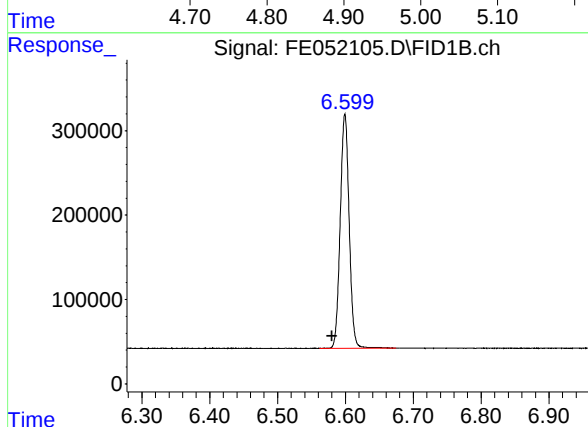
R.T.: 3.679 min
Delta R.T.: 0.029 min
Response: 2118009
Conc: 19.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



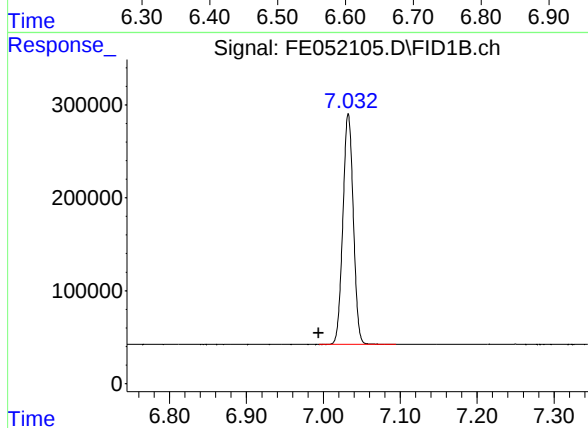
#2 n-Decane (C10)

R.T.: 4.905 min
Delta R.T.: 0.025 min
Response: 2236418
Conc: 20.43 ug/ml



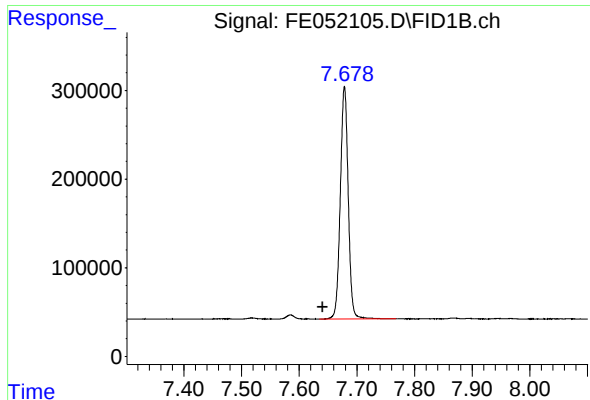
#3 A~Naphthalene (C11.7)

R.T.: 6.599 min
Delta R.T.: 0.019 min
Response: 2544982
Conc: 20.94 ug/ml



#4 n-Dodecane (C12)

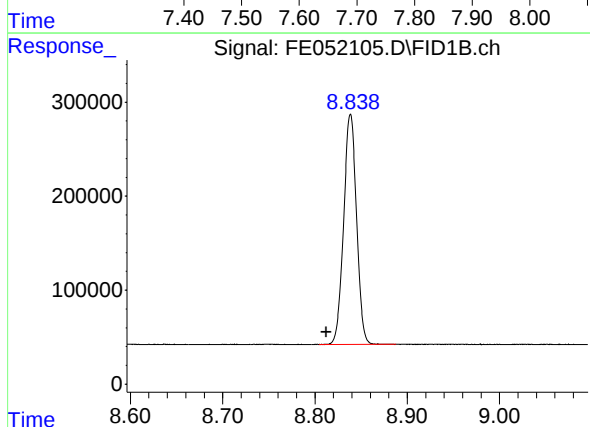
R.T.: 7.033 min
Delta R.T.: 0.038 min
Response: 2333399
Conc: 20.67 ug/ml



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

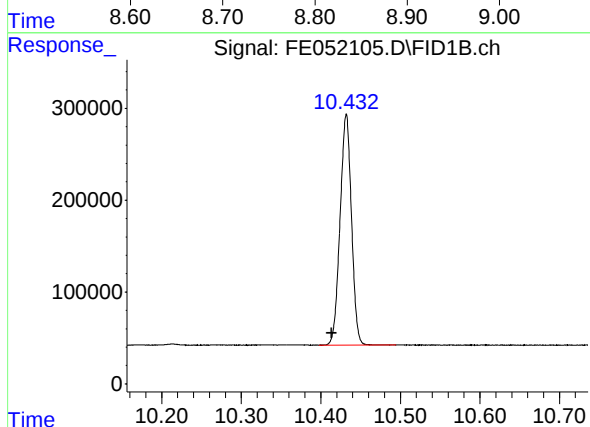
R.T.: 7.679 min
Delta R.T.: 0.038 min
Response: 2500731
Conc: 20.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



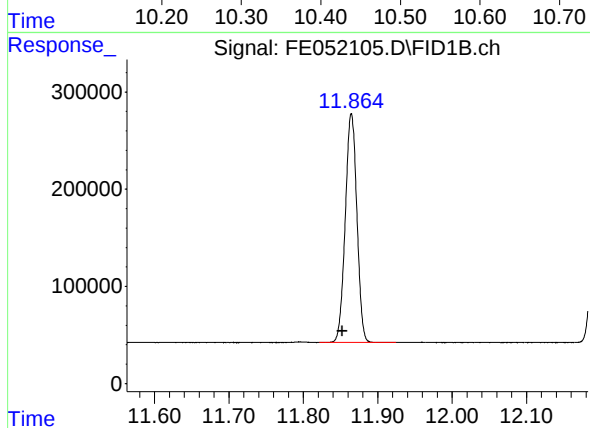
#6 n-Tetradecane (C14)

R.T.: 8.838 min
Delta R.T.: 0.026 min
Response: 2377355
Conc: 20.44 ug/ml



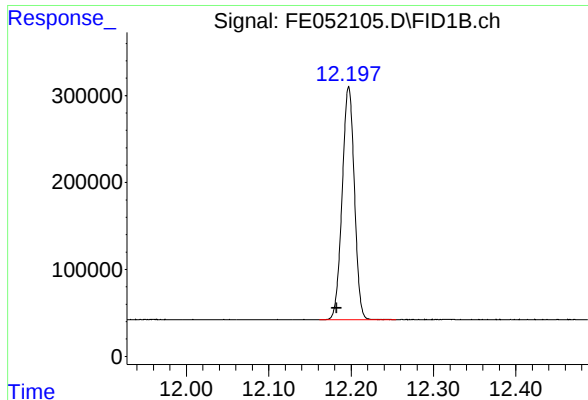
#7 n-Hexadecane (C16)

R.T.: 10.432 min
Delta R.T.: 0.018 min
Response: 2503316
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

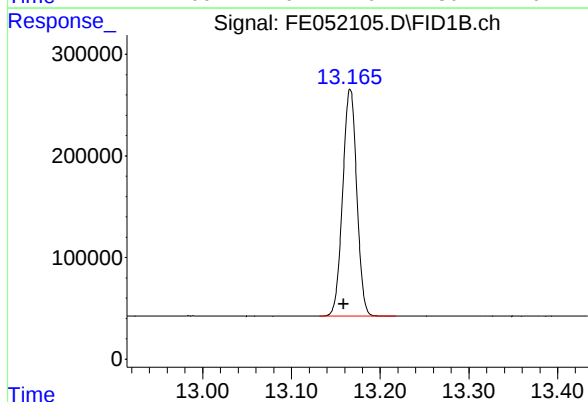
R.T.: 11.865 min
Delta R.T.: 0.012 min
Response: 2553670
Conc: 19.30 ug/ml



#9 ortho-Terphenyl (SURR)

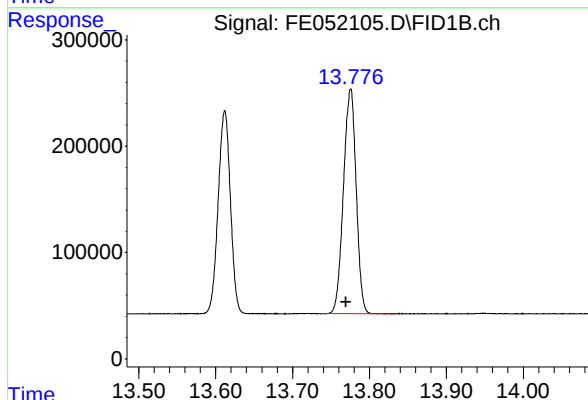
R.T.: 12.197 min
Delta R.T.: 0.015 min
Response: 2754771
Conc: 19.27 ug/ml

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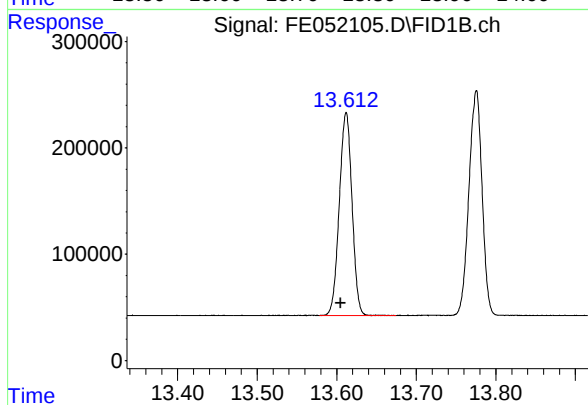
#10 n-Eicosane (C20)

R.T.: 13.166 min
Delta R.T.: 0.007 min
Response: 2467245
Conc: 18.82 ug/ml



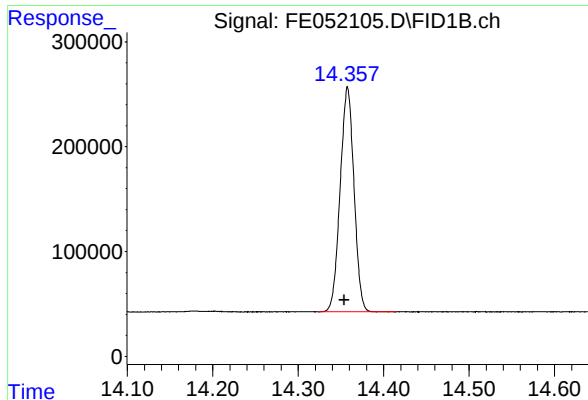
#11 n-Heneicosane (C21)

R.T.: 13.775 min
Delta R.T.: 0.006 min
Response: 2425502
Conc: 18.63 ug/ml



#12 1-chlorooctadecane (SURR)

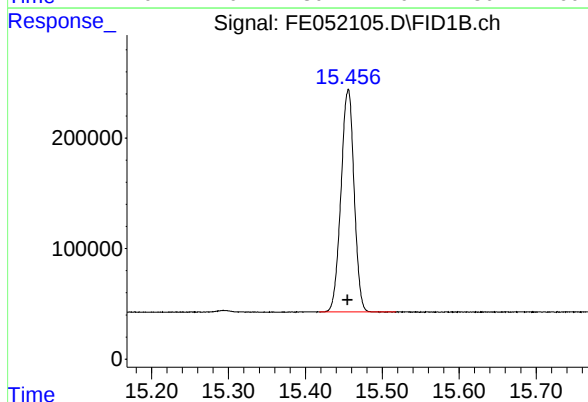
R.T.: 13.612 min
Delta R.T.: 0.007 min
Response: 2119121
Conc: 18.47 ug/ml



#13 n-Docosane (C22)

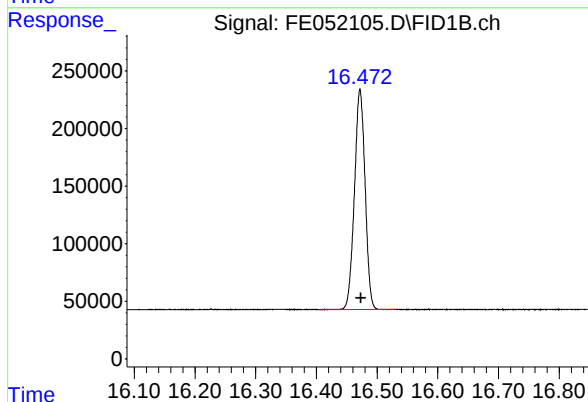
R.T.: 14.358 min
Delta R.T.: 0.004 min
Response: 2409464
Conc: 18.36 ug/ml

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20 PPM ALIPHATIC HC STD



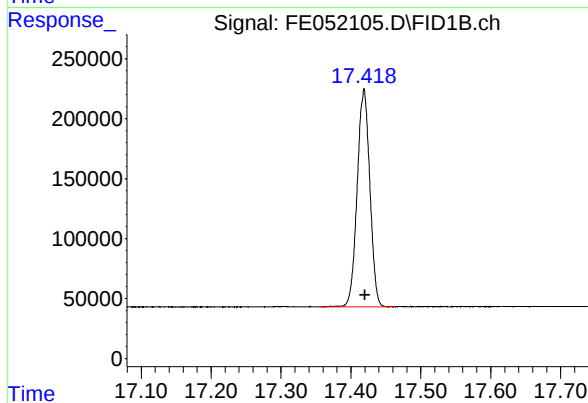
#14 n-Tetracosane (C24)

R.T.: 15.455 min
Delta R.T.: 0.000 min
Response: 2383630
Conc: 17.94 ug/ml



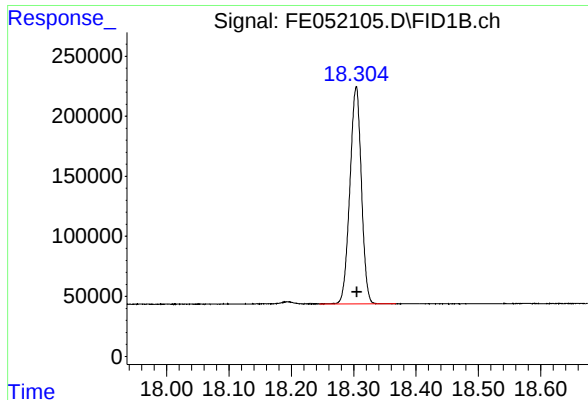
#15 n-Hexacosane (C26)

R.T.: 16.472 min
Delta R.T.: -0.002 min
Response: 2332491
Conc: 17.65 ug/ml



#16 n-Octacosane (C28)

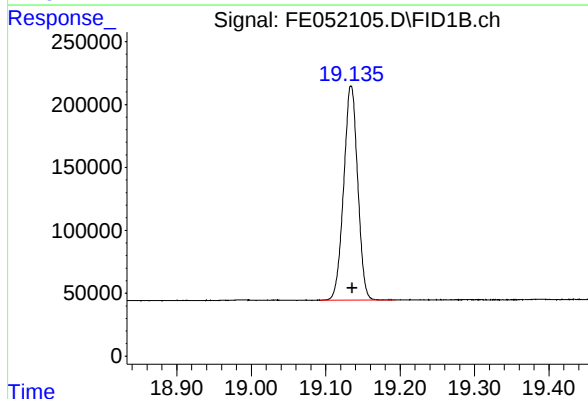
R.T.: 17.418 min
Delta R.T.: -0.002 min
Response: 2283763
Conc: 17.30 ug/ml



#17 n-Tricontane (C30)

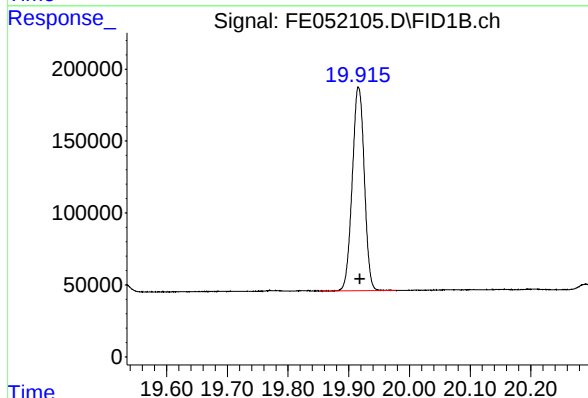
R.T.: 18.304 min
Delta R.T.: -0.001 min
Response: 2319979
Conc: 17.02 ug/ml

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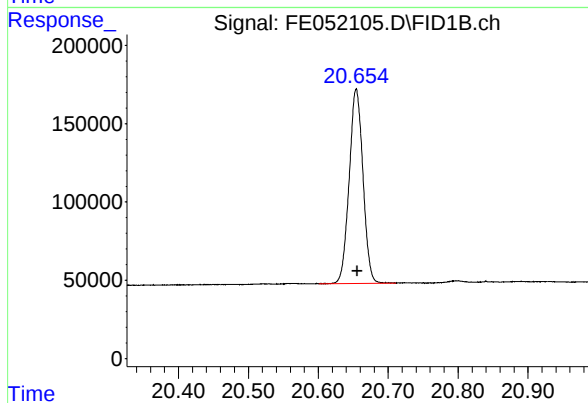
#18 n-Dotriacontane (C32)

R.T.: 19.134 min
Delta R.T.: -0.002 min
Response: 2226196
Conc: 16.99 ug/ml



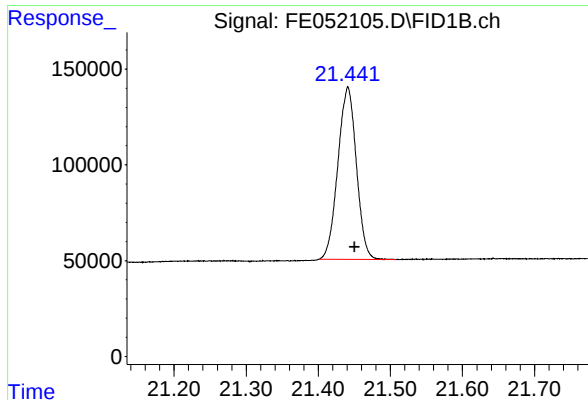
#19 n-Tetratriacontane (C34)

R.T.: 19.916 min
Delta R.T.: -0.002 min
Response: 1954484
Conc: 17.36 ug/ml



#20 n-Hexatriacontane (C36)

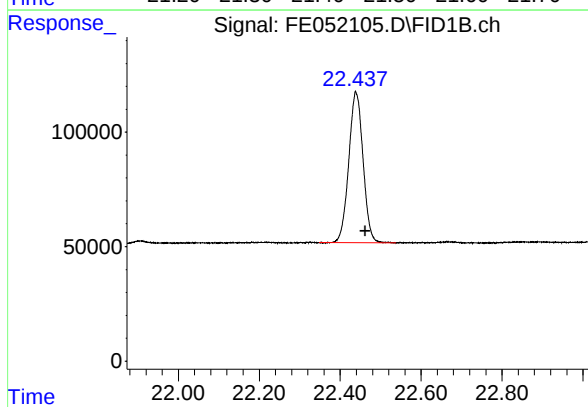
R.T.: 20.654 min
Delta R.T.: -0.001 min
Response: 1698810
Conc: 17.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.441 min
Delta R.T.: -0.009 min
Response: 1602804
Conc: 18.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.439 min
Delta R.T.: -0.023 min
Response: 1617026
Conc: 19.62 ug/ml