

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120224AL\
 Data File : FE051498.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2024 12:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 02 13:20:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 13:20:01 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)	11.832	3002932	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.264	2229612	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.223	2793783	20.000 ug/ml
2) T n-Decane (C10)	4.471	2830366	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.185	2614635	20.000 ug/ml
4) T n-Dodecane (C12)	6.638	2835933	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.281	2378560	20.000 ug/ml
6) T n-Tetradecane (C14)	8.464	2774334	20.000 ug/ml
7) T n-Hexadecane (C16)	10.069	2840892	20.000 ug/ml
8) T n-Octadecane (C18)	11.510	2860545	20.000 ug/ml
10) T n-Eicosane (C20)	12.818	2747854	20.000 ug/ml
11) T n-Heneicosane (C21)	13.429	2695799	20.000 ug/ml
13) T n-Docosane (C22)	14.014	2665317	20.000 ug/ml
14) T n-Tetracosane (C24)	15.115	2629438	20.000 ug/ml
15) T n-Hexacosane (C26)	16.135	2581539	20.000 ug/ml
16) T n-Octacosane (C28)	17.083	2534182	20.000 ug/ml
17) T n-Tricontane (C30)	17.970	2563586	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.800	2474788	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.584	2200342	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.322	1922979	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.043	1853569	20.000 ug/ml
22) T n-Tetracontane (C40)	21.919	1711697	20.000 ug/ml

(f)=RT Delta > 1/2 Window

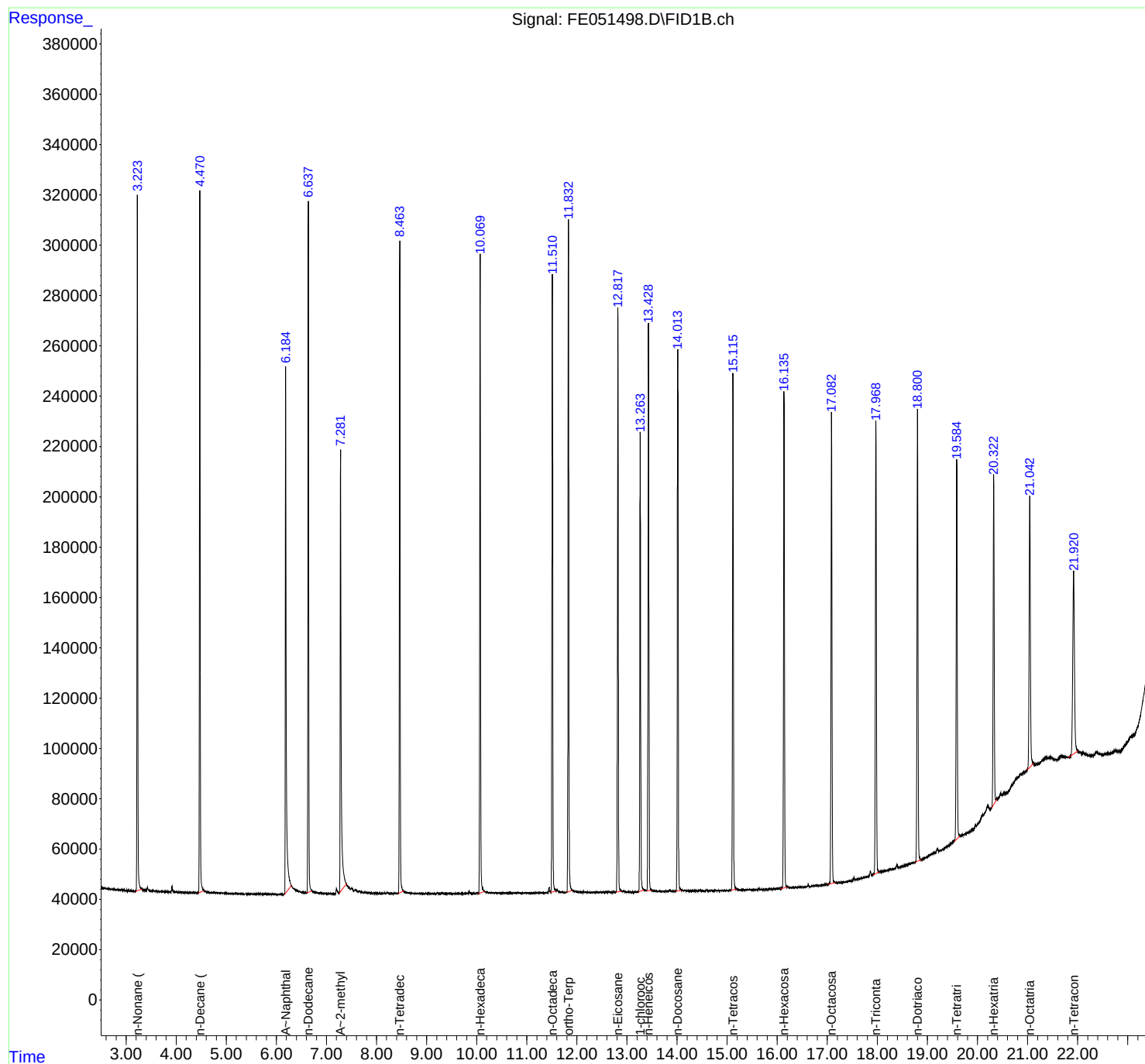
(m)=manual int.

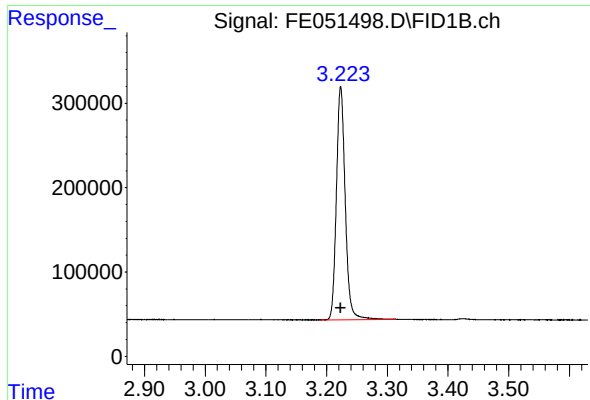
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120224AL\
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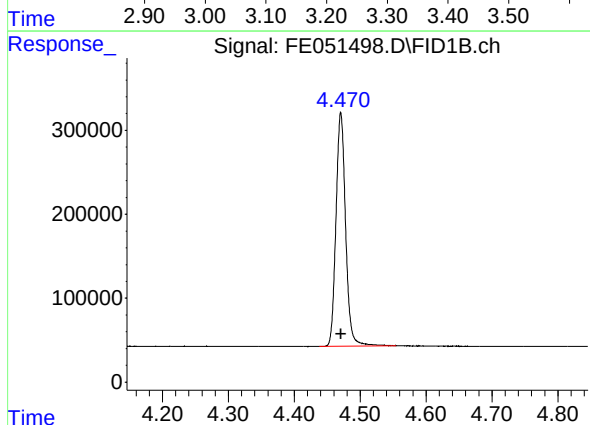




#1 n-Nonane (C9)

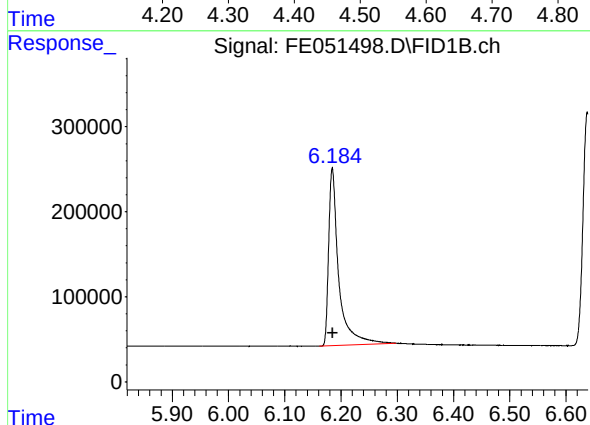
R.T.: 3.223 min
Delta R.T.: 0.000 min
Response: 2793783
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



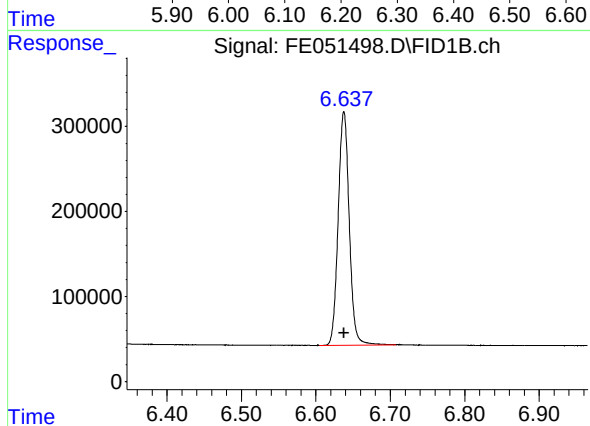
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 2830366
Conc: 20.00 ug/ml



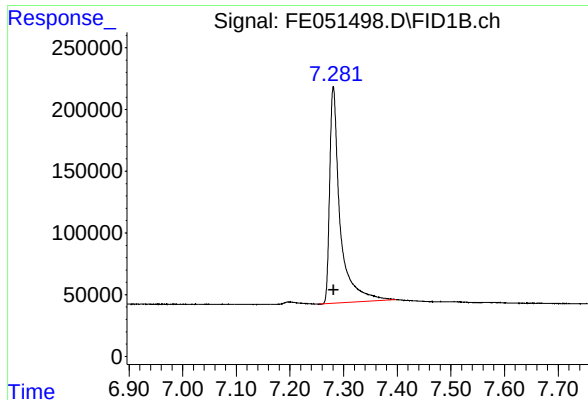
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 2614635
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

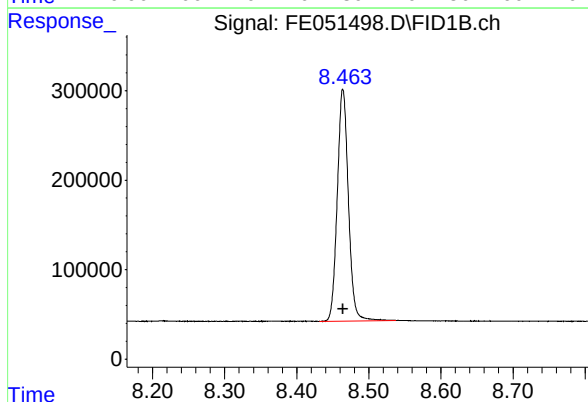
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 2835933
Conc: 20.00 ug/ml



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

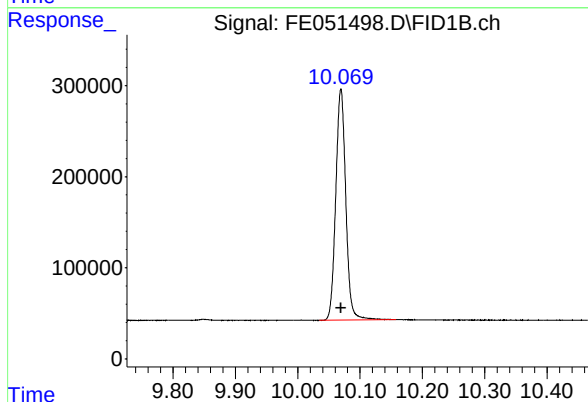
R.T.: 7.281 min
Delta R.T.: 0.000 min
Response: 2378560
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



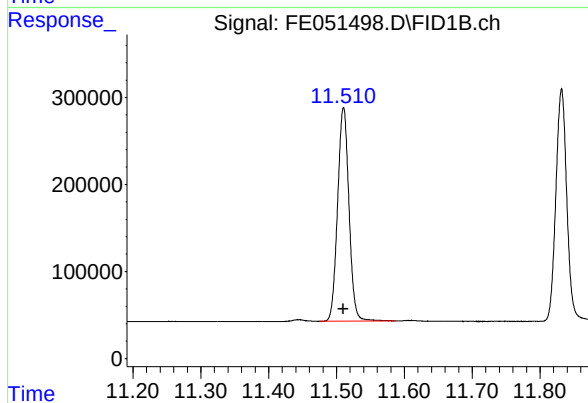
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: 0.000 min
Response: 2774334
Conc: 20.00 ug/ml



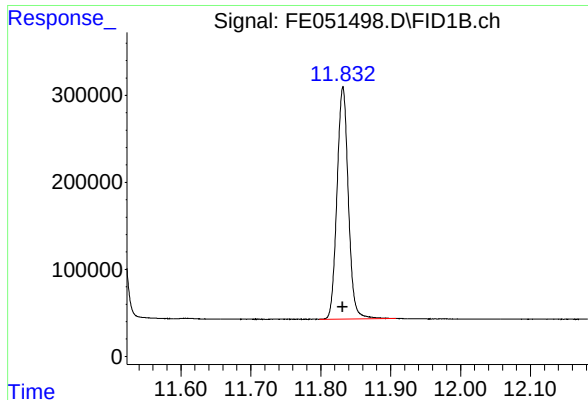
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: 0.000 min
Response: 2840892
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

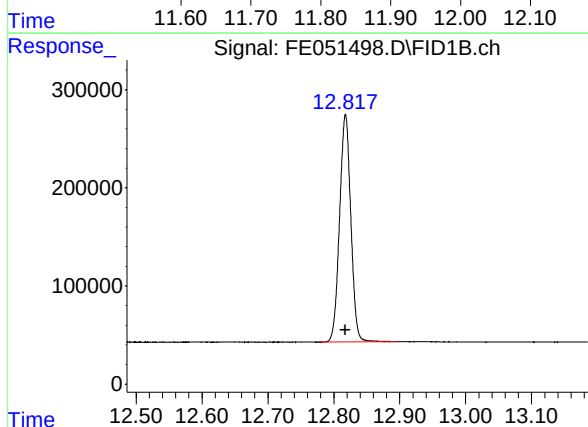
R.T.: 11.510 min
Delta R.T.: 0.000 min
Response: 2860545
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

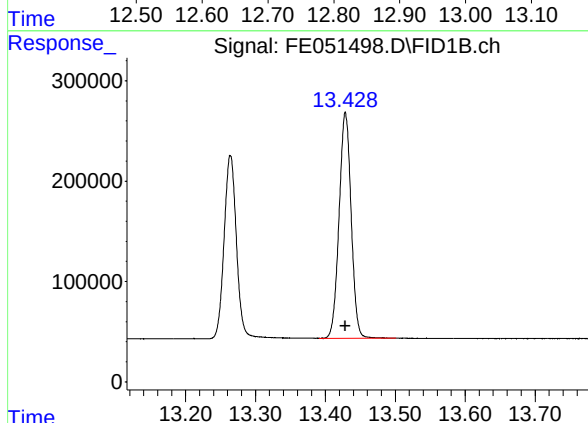
R.T.: 11.832 min
Delta R.T.: 0.000 min
Response: 3002932
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



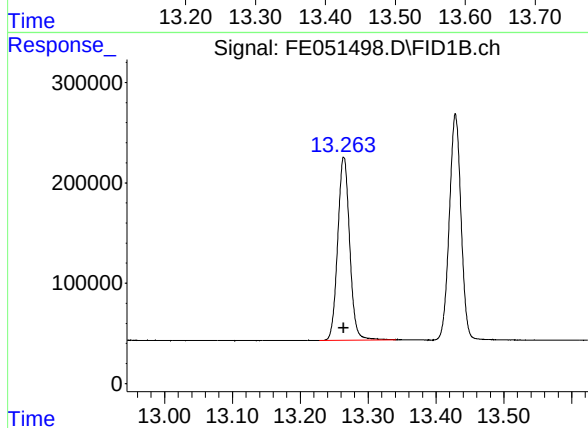
#10 n-Eicosane (C20)

R.T.: 12.818 min
Delta R.T.: 0.000 min
Response: 2747854
Conc: 20.00 ug/ml



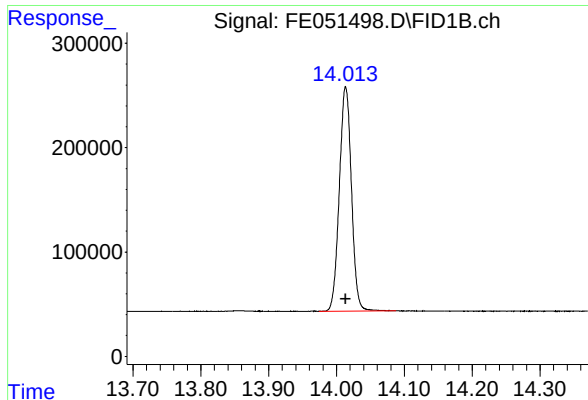
#11 n-Heneicosane (C21)

R.T.: 13.429 min
Delta R.T.: 0.000 min
Response: 2695799
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

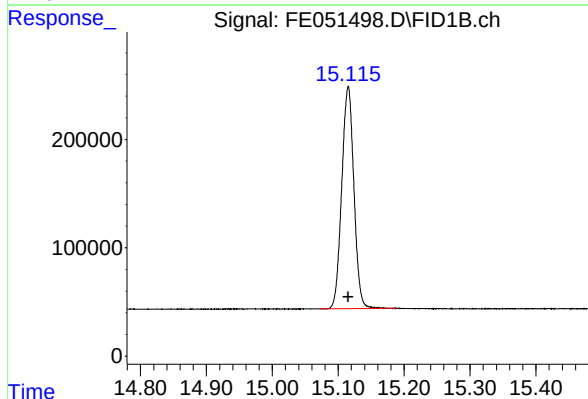
R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 2229612
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

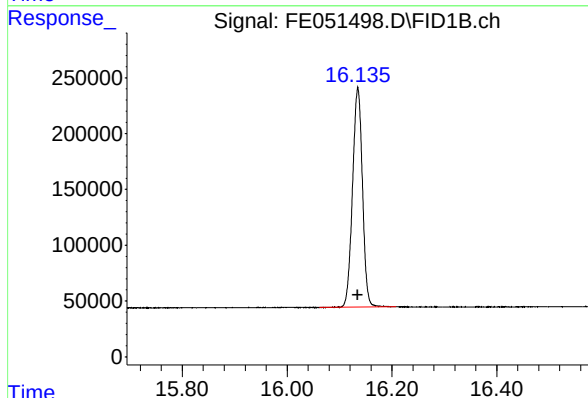
R.T.: 14.014 min
Delta R.T.: 0.000 min
Response: 2665317
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD3



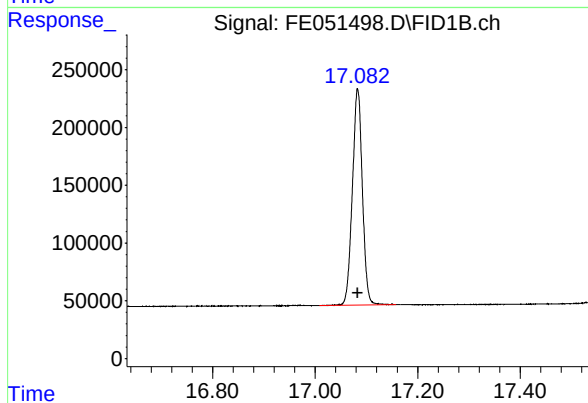
#14 n-Tetracosane (C24)

R.T.: 15.115 min
Delta R.T.: 0.000 min
Response: 2629438
Conc: 20.00 ug/ml



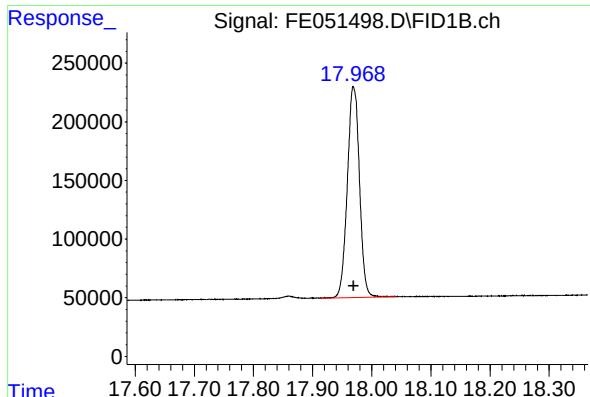
#15 n-Hexacosane (C26)

R.T.: 16.135 min
Delta R.T.: 0.000 min
Response: 2581539
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

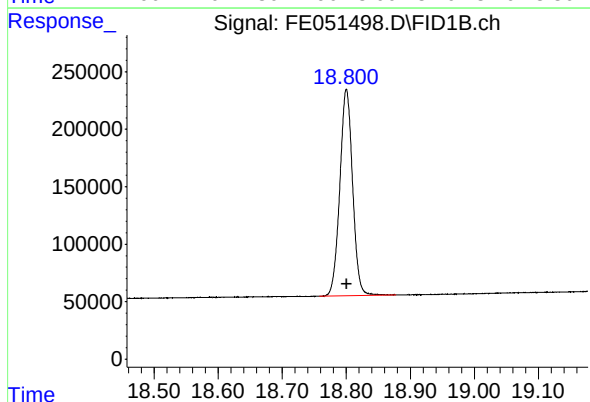
R.T.: 17.083 min
Delta R.T.: 0.000 min
Response: 2534182
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

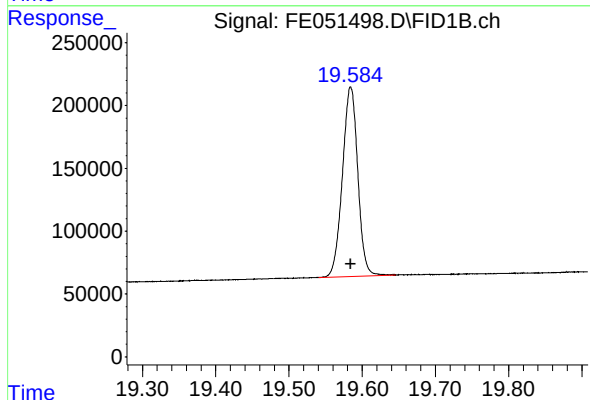
R.T.: 17.970 min
Delta R.T.: 0.000 min
Response: 2563586
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



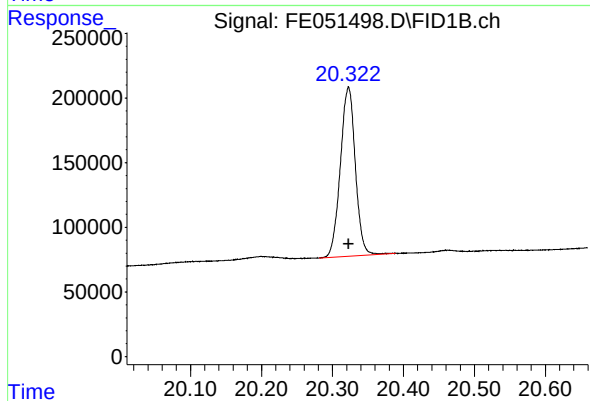
#18 n-Dotriacontane (C32)

R.T.: 18.800 min
Delta R.T.: 0.000 min
Response: 2474788
Conc: 20.00 ug/ml



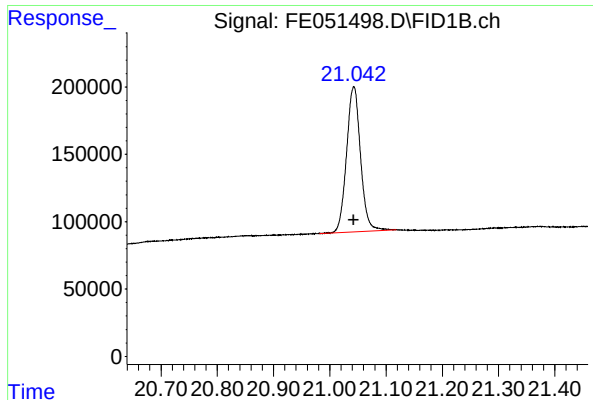
#19 n-Tetatriacontane (C34)

R.T.: 19.584 min
Delta R.T.: 0.000 min
Response: 2200342
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

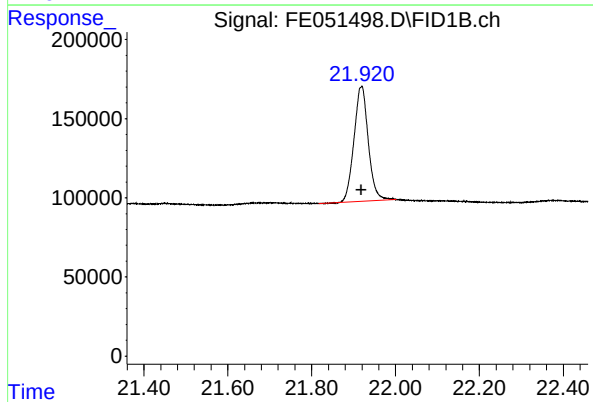
R.T.: 20.322 min
Delta R.T.: 0.000 min
Response: 1922979
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.043 min
Delta R.T.: 0.000 min
Response: 1853569
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.919 min
Delta R.T.: 0.000 min
Response: 1711697
Conc: 20.00 ug/ml