

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015235.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 16:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 14 17:59:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 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)	11.923	2987483	18.790 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
12) S 1-chlorooctadecane (S...	13.360	2362460	18.950 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
Target Compounds			
1) T n-Nonane (C9)	3.314	2477698	18.875 ug/ml
2) T n-Decane (C10)	4.567	2524325	18.872 ug/ml
3) T A~Naphthalene (C11.7)	6.267	2749877	18.907 ug/ml
4) T n-Dodecane (C12)	6.731	2546940	18.888 ug/ml
5) T A~2-methylnaphthalene...	7.362	2655369	18.871 ug/ml
6) T n-Tetradecane (C14)	8.557	2542385	18.817 ug/ml
7) T n-Hexadecane (C16)	10.163	2655877	18.743 ug/ml
8) T n-Octadecane (C18)	11.605	2749033	18.771 ug/ml
10) T n-Eicosane (C20)	12.915	2723732	18.891 ug/ml
11) T n-Heneicosane (C21)	13.528	2712321	19.001 ug/ml
13) T n-Docosane (C22)	14.114	2734268	19.076 ug/ml
14) T n-Tetracosane (C24)	15.218	2788893	19.225 ug/ml
15) T n-Hexacosane (C26)	16.240	2749208	19.346 ug/ml
16) T n-Octacosane (C28)	17.191	2664691	19.150 ug/ml
17) T n-Tricontane (C30)	18.078	2612308	18.757 ug/ml
18) T n-Dotriacontane (C32)	18.912	2406859	18.453 ug/ml
19) T n-Tetratriacontane (C34)	19.696	2010306	18.493 ug/ml
20) T n-Hexatriacontane (C36)	20.436	1673733	19.030 ug/ml
21) T n-Octatriacontane (C38)	21.174	1531075	18.579 ug/ml
22) T n-Tetracontane (C40)	22.088	1480079	18.655 ug/ml

(f)=RT Delta > 1/2 Window

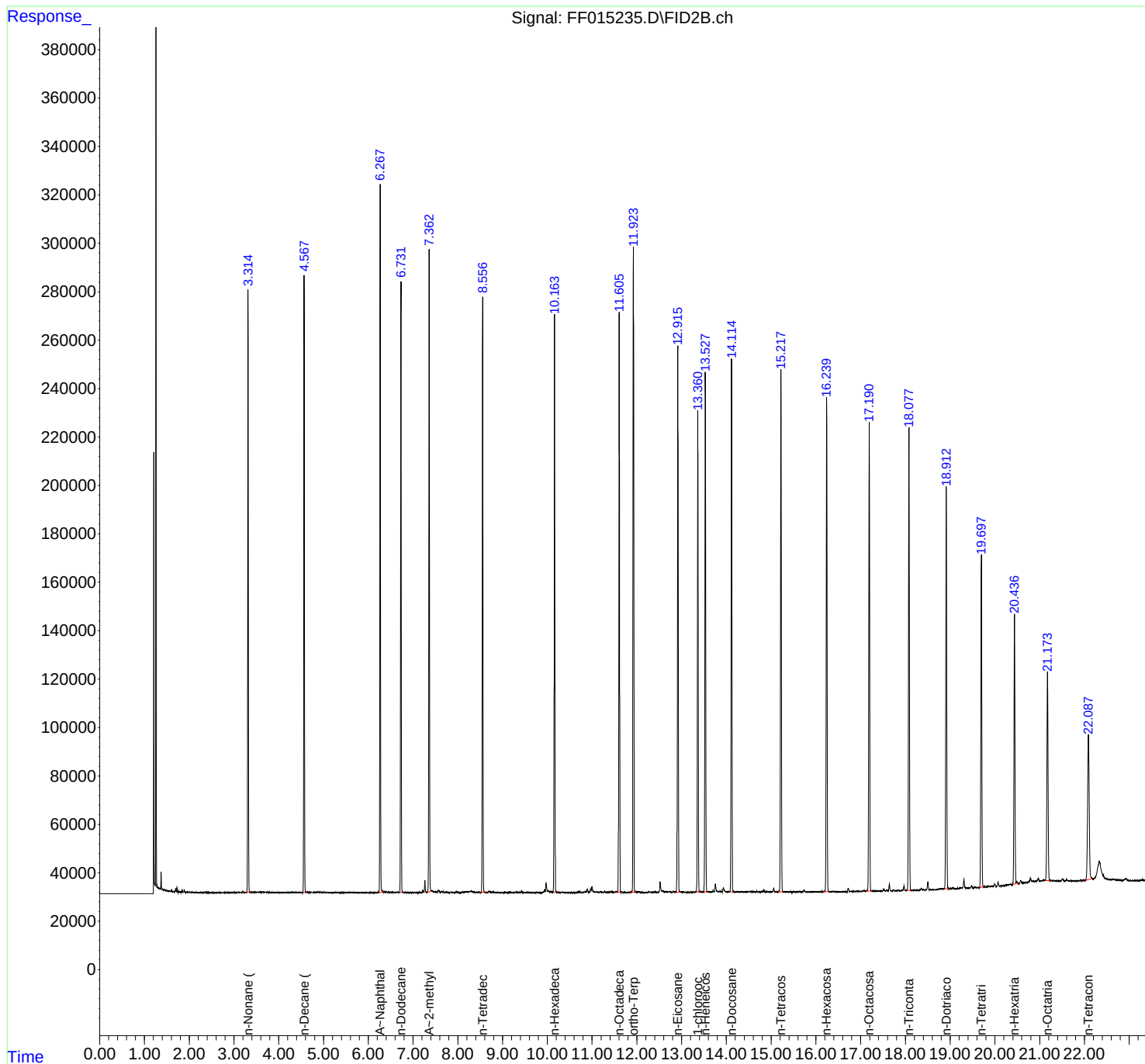
(m)=manual int.

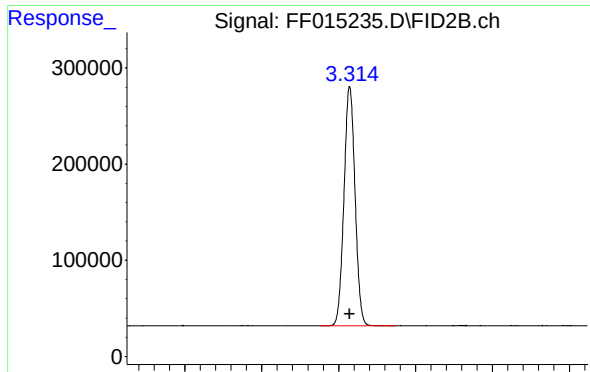
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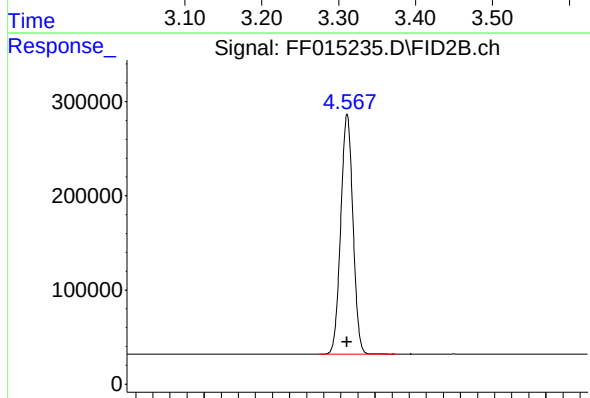




#1 n-Nonane (C9)

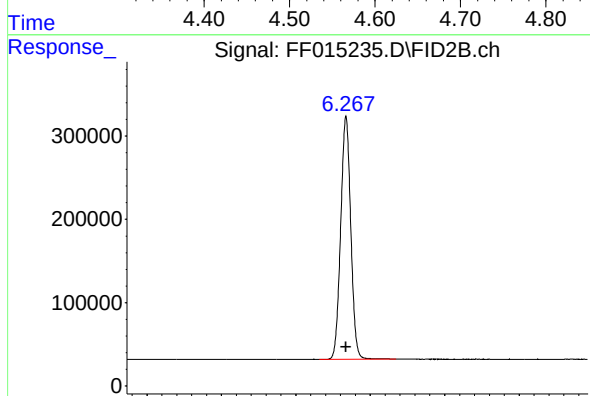
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 2477698
Conc: 18.87 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



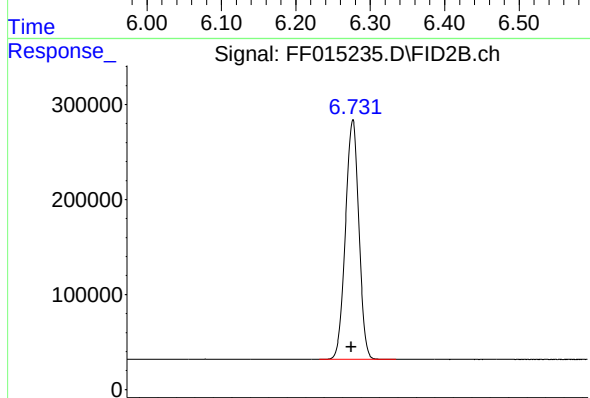
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2524325
Conc: 18.87 ug/ml



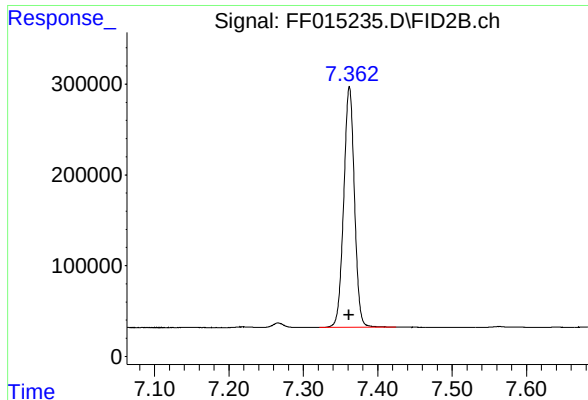
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 2749877
Conc: 18.91 ug/ml



#4 n-Dodecane (C12)

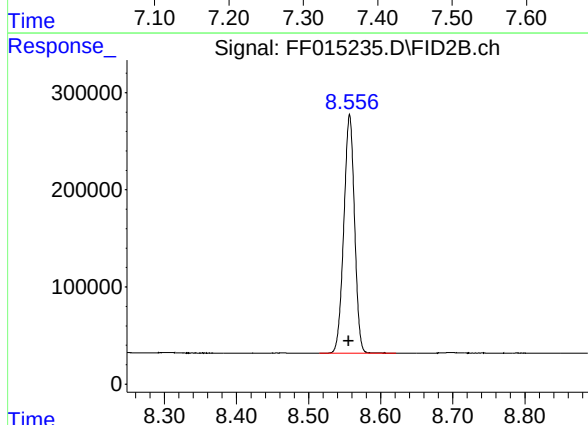
R.T.: 6.731 min
Delta R.T.: 0.001 min
Response: 2546940
Conc: 18.89 ug/ml



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

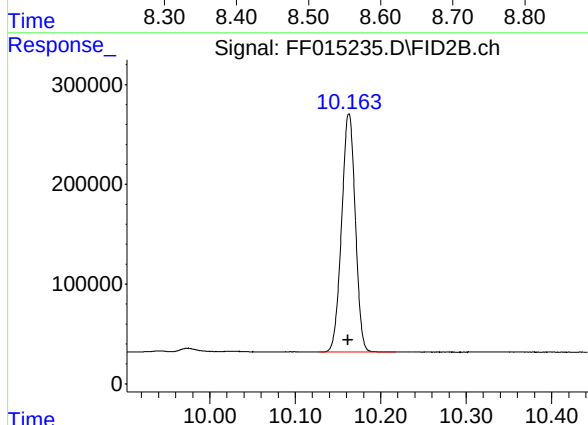
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 2655369
Conc: 18.87 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



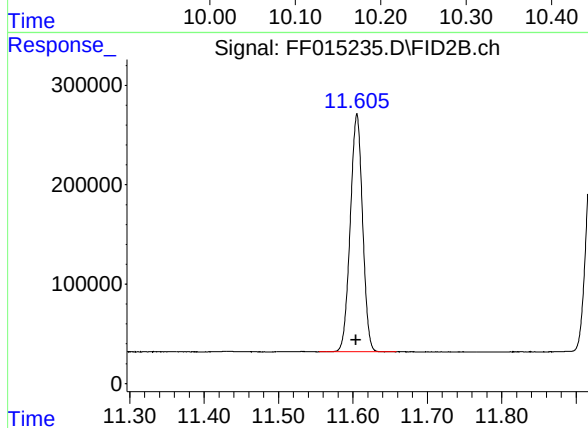
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.002 min
Response: 2542385
Conc: 18.82 ug/ml



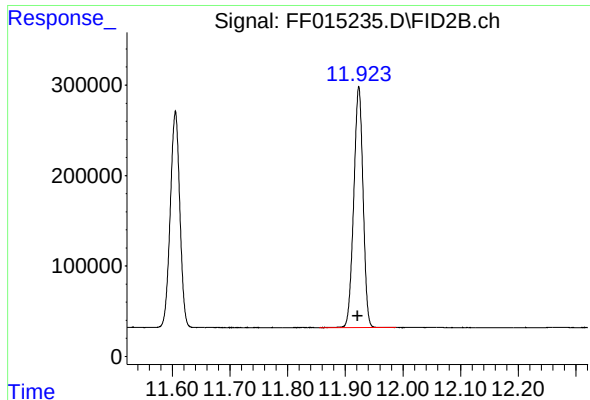
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: 0.001 min
Response: 2655877
Conc: 18.74 ug/ml



#8 n-Octadecane (C18)

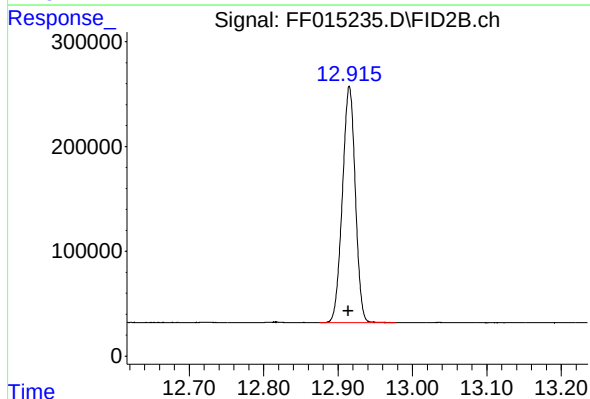
R.T.: 11.605 min
Delta R.T.: 0.001 min
Response: 2749033
Conc: 18.77 ug/ml



#9 ortho-Terphenyl (SURR)

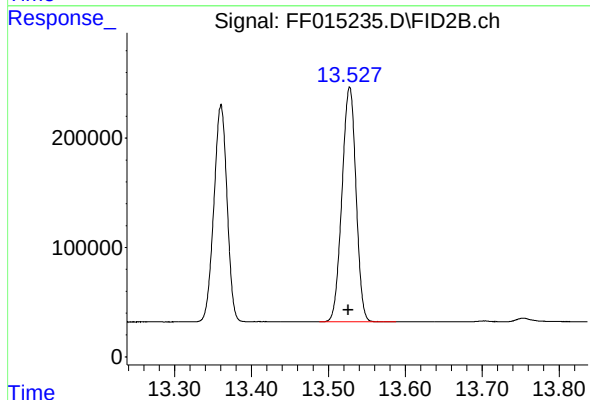
R.T.: 11.923 min
Delta R.T.: 0.002 min
Response: 2987483
Conc: 18.79 ug/ml

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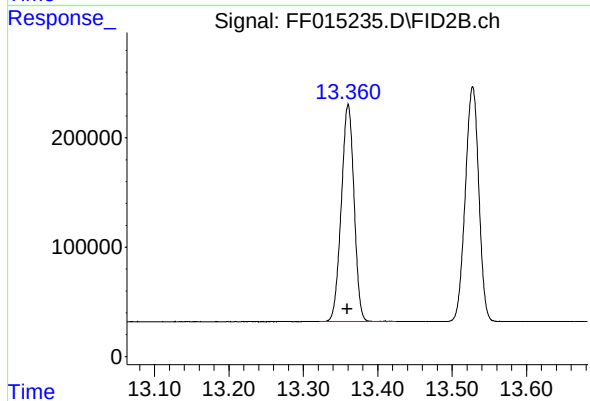
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: 0.002 min
Response: 2723732
Conc: 18.89 ug/ml



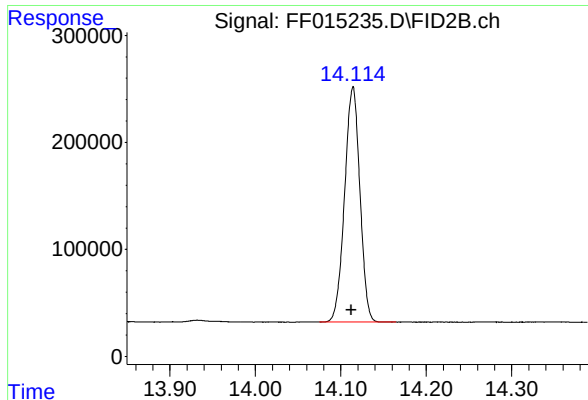
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.002 min
Response: 2712321
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

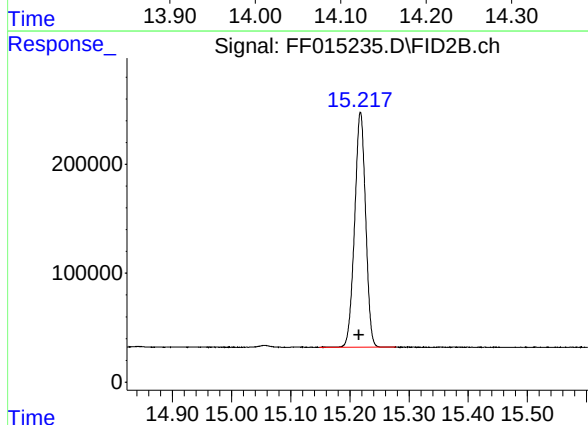
R.T.: 13.360 min
Delta R.T.: 0.001 min
Response: 2362460
Conc: 18.95 ug/ml



#13 n-Docosane (C22)

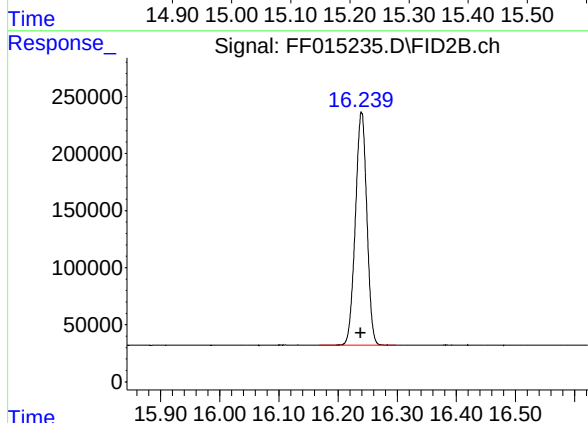
R.T.: 14.114 min
Delta R.T.: 0.002 min
Response: 2734268
Conc: 19.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



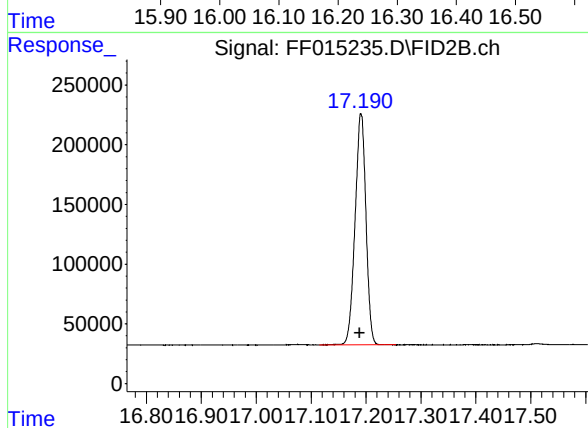
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.002 min
Response: 2788893
Conc: 19.23 ug/ml



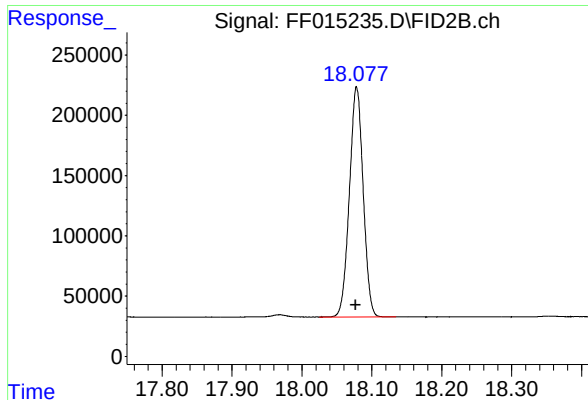
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.001 min
Response: 2749208
Conc: 19.35 ug/ml



#16 n-Octacosane (C28)

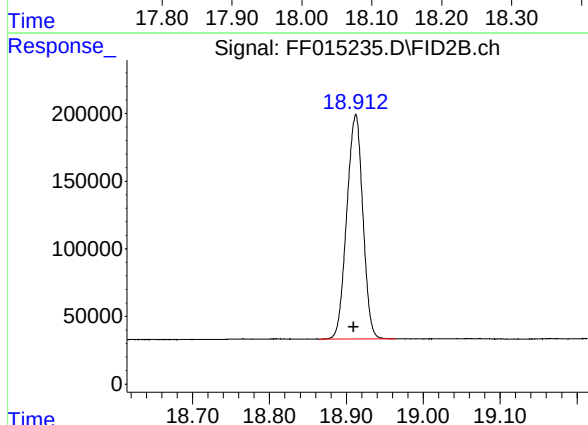
R.T.: 17.191 min
Delta R.T.: 0.002 min
Response: 2664691
Conc: 19.15 ug/ml



#17 n-Tricontane (C30)

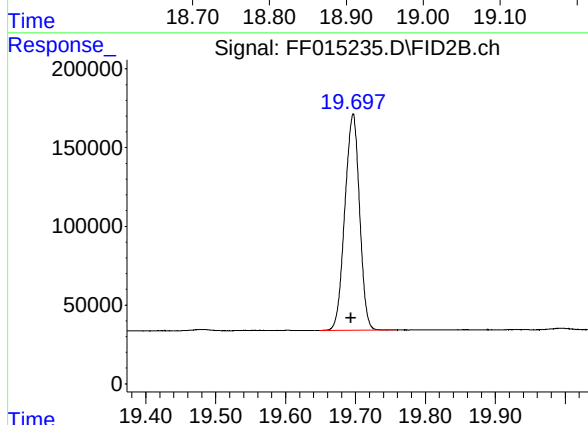
R.T.: 18.078 min
Delta R.T.: 0.002 min
Response: 2612308
Conc: 18.76 ug/ml

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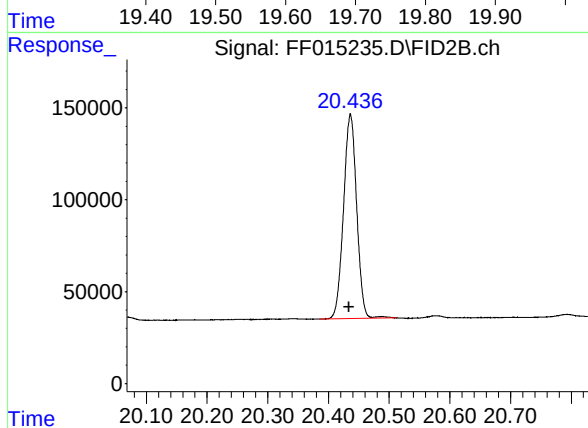
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: 0.003 min
Response: 2406859
Conc: 18.45 ug/ml



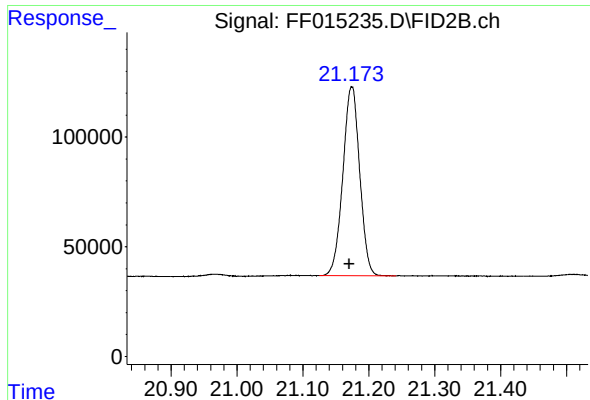
#19 n-Tetatriacontane (C34)

R.T.: 19.696 min
Delta R.T.: 0.003 min
Response: 2010306
Conc: 18.49 ug/ml



#20 n-Hexatriacontane (C36)

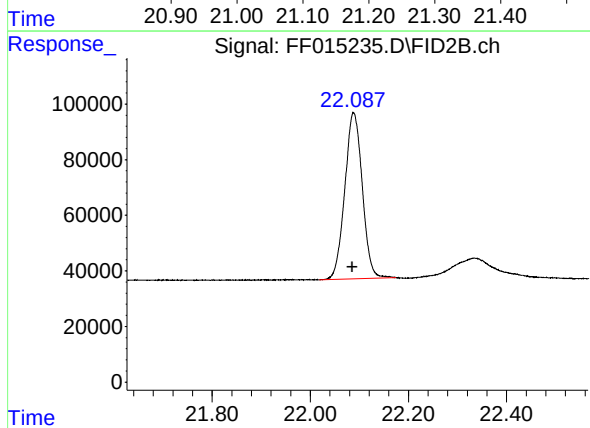
R.T.: 20.436 min
Delta R.T.: 0.003 min
Response: 1673733
Conc: 19.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: 0.004 min
Response: 1531075
Conc: 18.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: 0.002 min
Response: 1480079
Conc: 18.65 ug/ml