

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AL\
 Data File : FF015692.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 21:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 18 02:34:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:31:19 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)	11.935	3126508	20.521 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
12) S 1-chlorooctadecane (S...	13.370	2338069	20.601 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
Target Compounds			
1) T n-Nonane (C9)	3.309	2593679	20.477 ug/ml
2) T n-Decane (C10)	4.566	2647343	20.615 ug/ml
3) T A~Naphthalene (C11.7)	6.277	2720945	20.965 ug/ml
4) T n-Dodecane (C12)	6.733	2688580	20.631 ug/ml
5) T A~2-methylnaphthalene...	7.374	2553045	21.544 ug/ml
6) T n-Tetradecane (C14)	8.560	2678534	20.683 ug/ml
7) T n-Hexadecane (C16)	10.168	2772584	20.734 ug/ml
8) T n-Octadecane (C18)	11.612	2857090	20.748 ug/ml
10) T n-Eicosane (C20)	12.922	2778293	20.615 ug/ml
11) T n-Heneicosane (C21)	13.535	2750479	20.580 ug/ml
13) T n-Docosane (C22)	14.122	2757167	20.604 ug/ml
14) T n-Tetracosane (C24)	15.226	2750059	20.542 ug/ml
15) T n-Hexacosane (C26)	16.249	2694288	20.600 ug/ml
16) T n-Octacosane (C28)	17.200	2680371	20.518 ug/ml
17) T n-Tricontane (C30)	18.088	2777090	20.594 ug/ml
18) T n-Dotriacontane (C32)	18.922	2689583	20.625 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2416158	20.698 ug/ml
20) T n-Hexatriacontane (C36)	20.446	2075865	20.912 ug/ml
21) T n-Octatriacontane (C38)	21.184	1821665	20.850 ug/ml
22) T n-Tetracontane (C40)	22.097	1641067	20.448 ug/ml

(f)=RT Delta > 1/2 Window

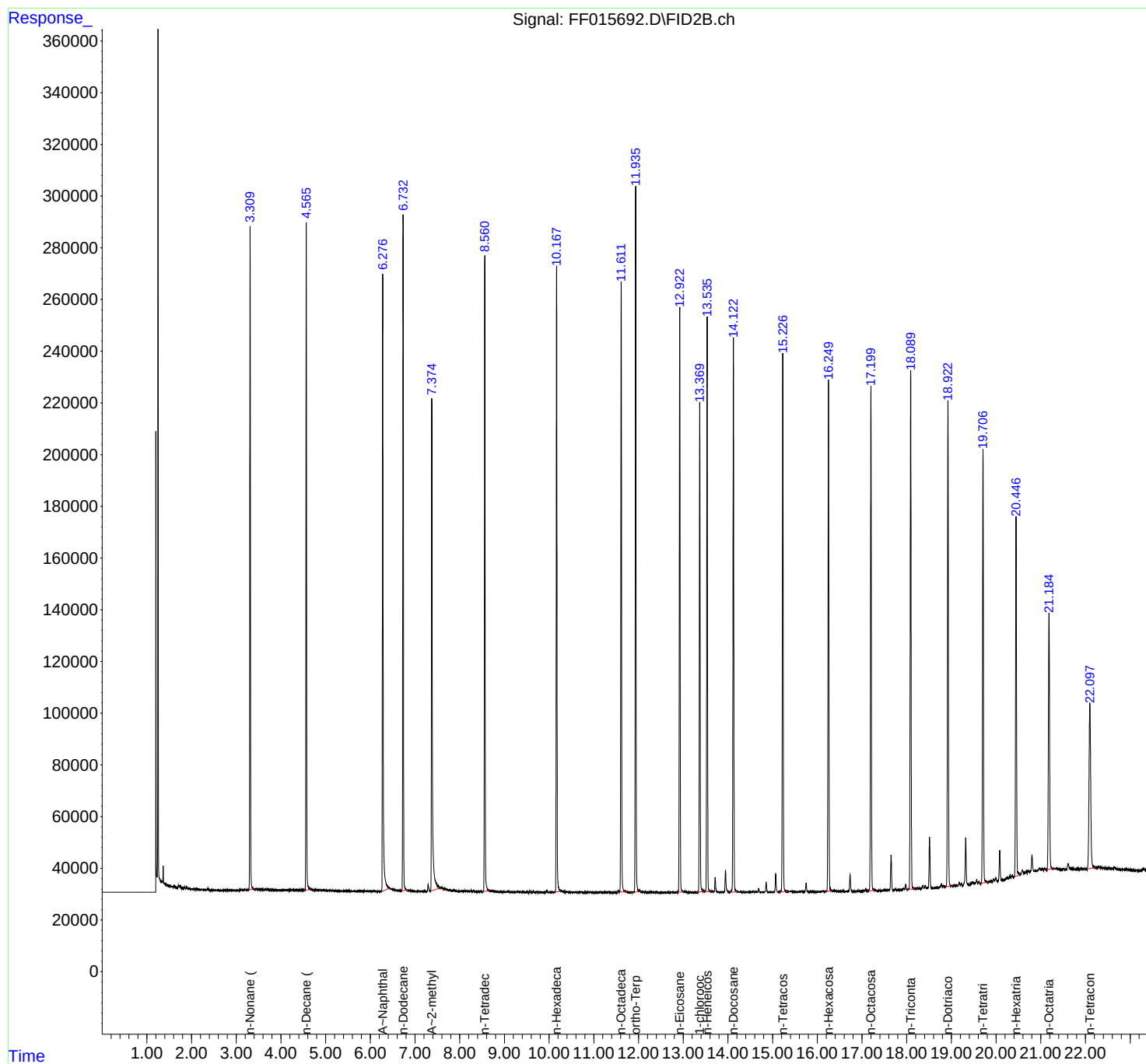
(m)=manual int.

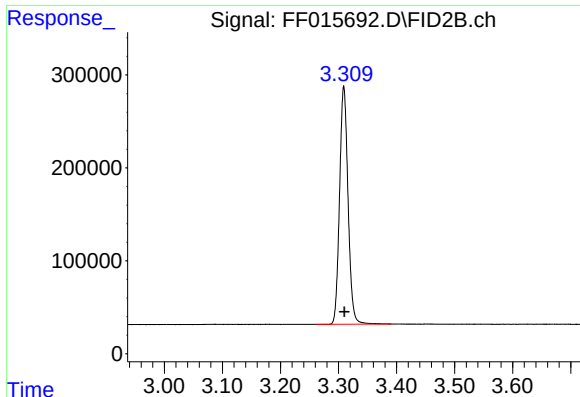
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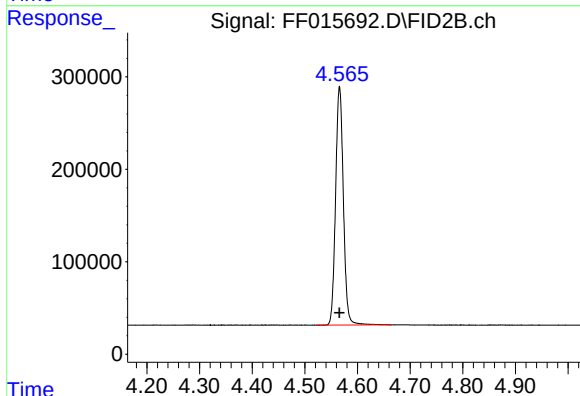




#1 n-Nonane (C9)

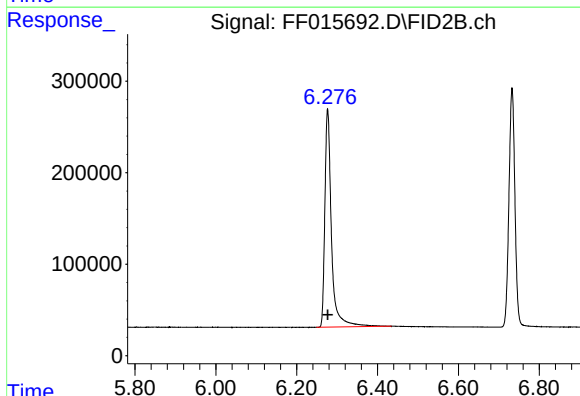
R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 2593679
Conc: 20.48 ug/ml

Instrument :
FID_F
ClientSampleId :



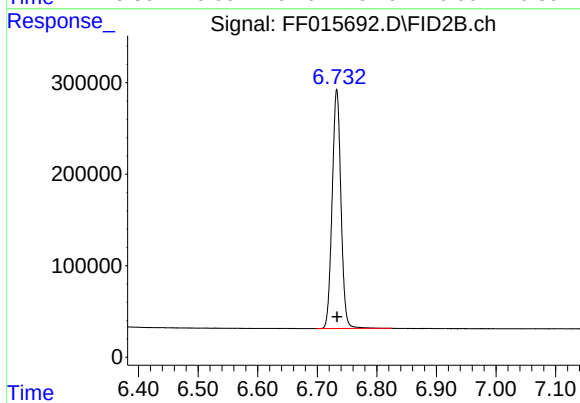
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 2647343
Conc: 20.62 ug/ml



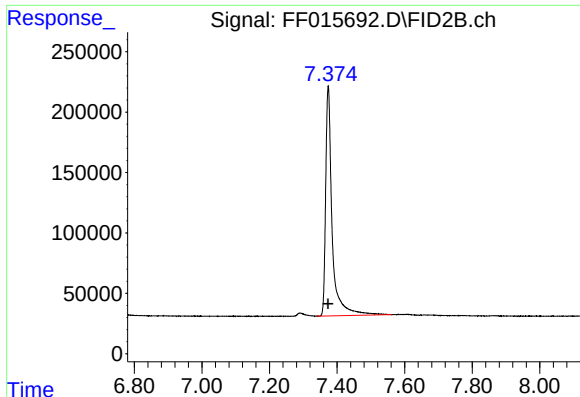
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 2720945
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

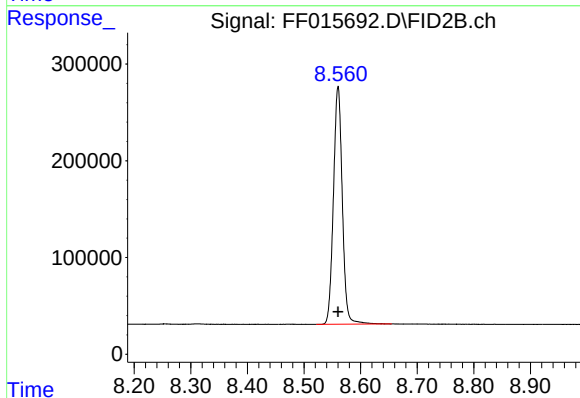
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 2688580
Conc: 20.63 ug/ml



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

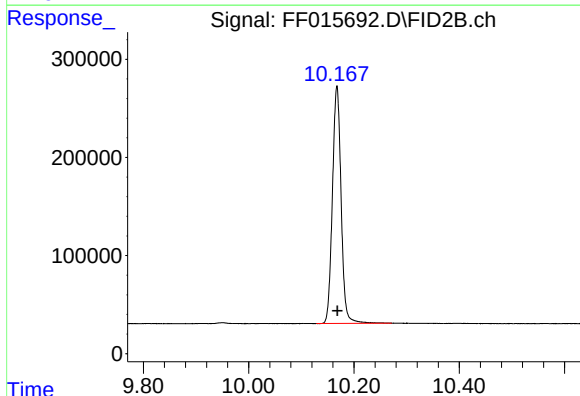
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 2553045
Conc: 21.54 ug/ml

Instrument :
FID_F
ClientSampleId :



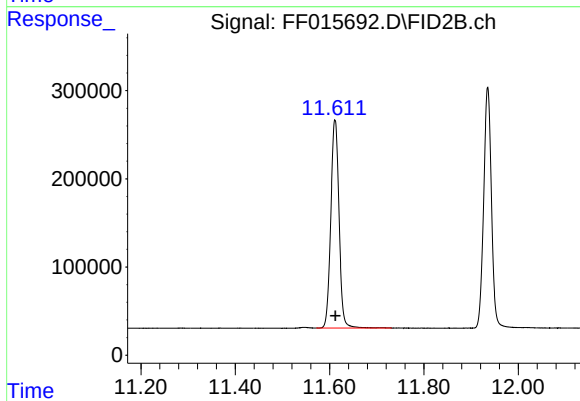
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 2678534
Conc: 20.68 ug/ml



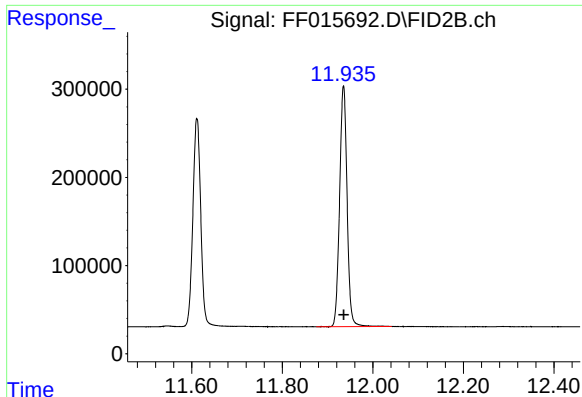
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: 0.000 min
Response: 2772584
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

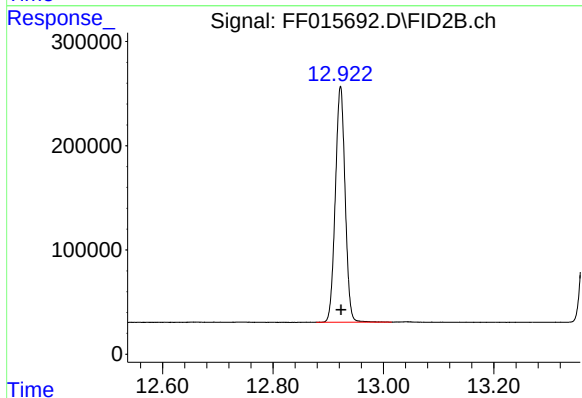
R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 2857090
Conc: 20.75 ug/ml



#9 ortho-Terphenyl (SURR)

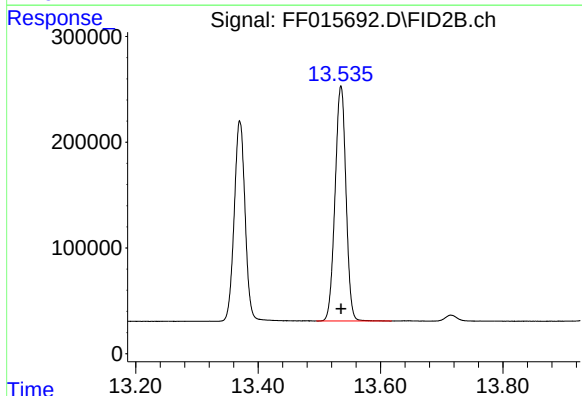
R.T.: 11.935 min
Delta R.T.: 0.000 min
Response: 3126508
Conc: 20.52 ug/ml

Instrument :
FID_F
ClientSampleId :



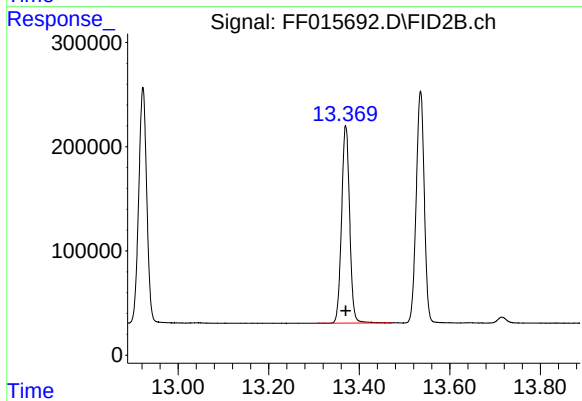
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.000 min
Response: 2778293
Conc: 20.61 ug/ml



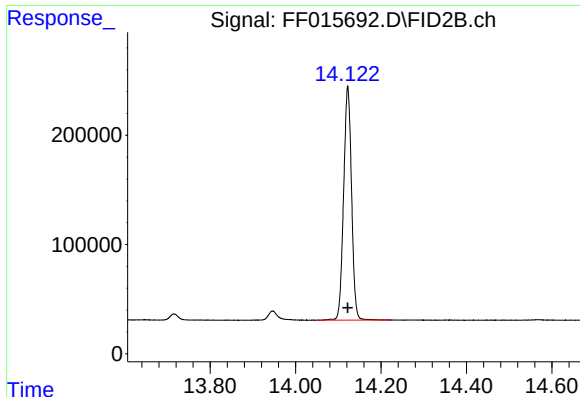
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.000 min
Response: 2750479
Conc: 20.58 ug/ml



#12 1-chlorooctadecane (SURR)

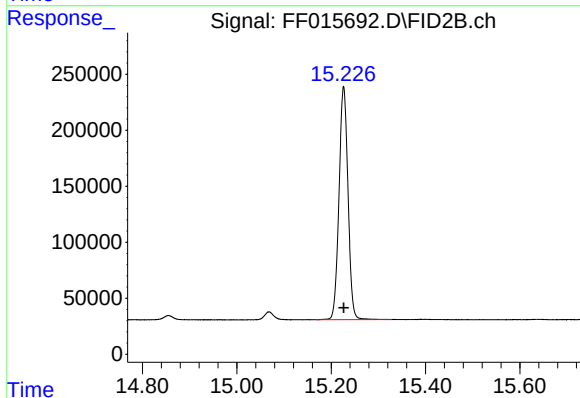
R.T.: 13.370 min
Delta R.T.: 0.000 min
Response: 2338069
Conc: 20.60 ug/ml



#13 n-Docosane (C22)

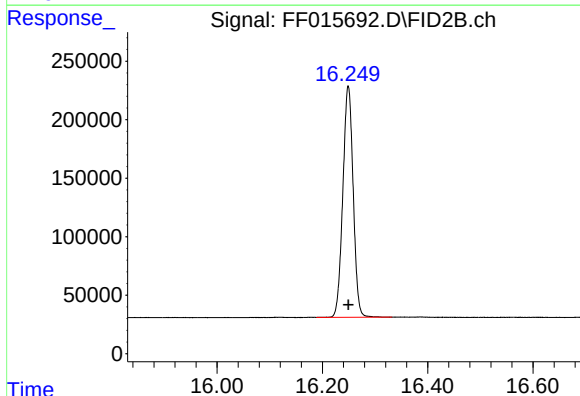
R.T.: 14.122 min
Delta R.T.: 0.000 min
Response: 2757167
Conc: 20.60 ug/ml

Instrument :
FID_F
ClientSampleId :



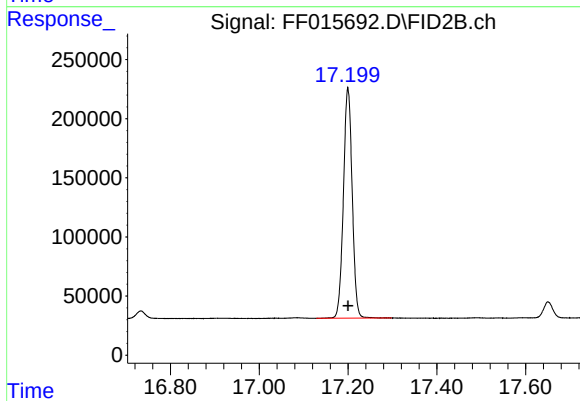
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 2750059
Conc: 20.54 ug/ml



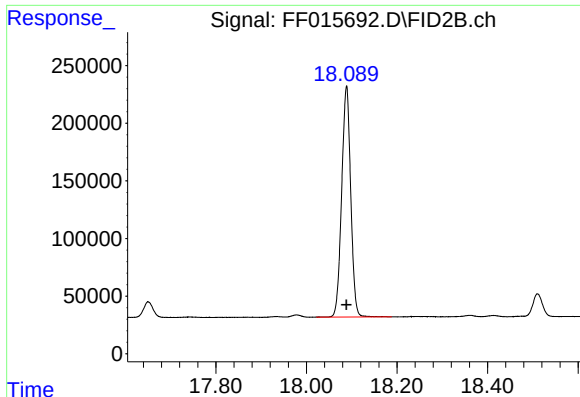
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.000 min
Response: 2694288
Conc: 20.60 ug/ml



#16 n-Octacosane (C28)

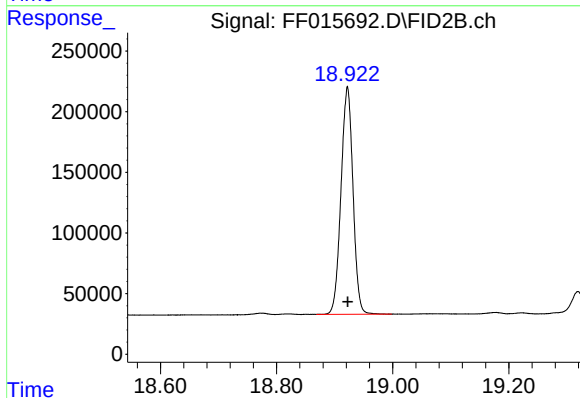
R.T.: 17.200 min
Delta R.T.: 0.000 min
Response: 2680371
Conc: 20.52 ug/ml



#17 n-Tricontane (C30)

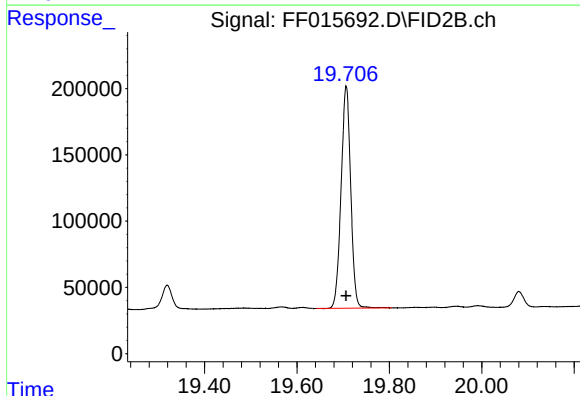
R.T.: 18.088 min
Delta R.T.: 0.000 min
Response: 2777090
Conc: 20.59 ug/ml

Instrument :
FID_F
ClientSampleId :



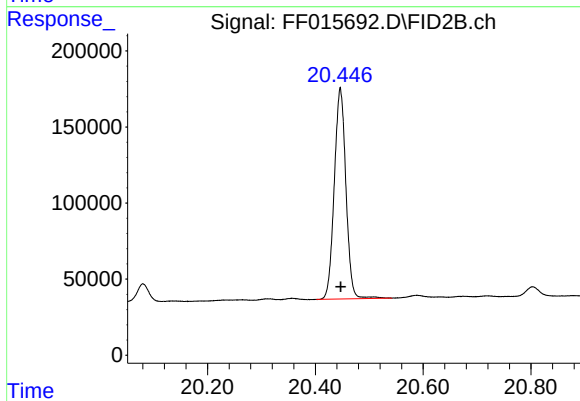
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: 0.000 min
Response: 2689583
Conc: 20.63 ug/ml



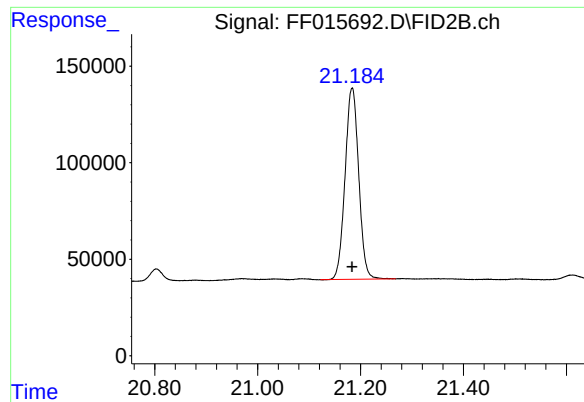
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: 0.000 min
Response: 2416158
Conc: 20.70 ug/ml



#20 n-Hexatriacontane (C36)

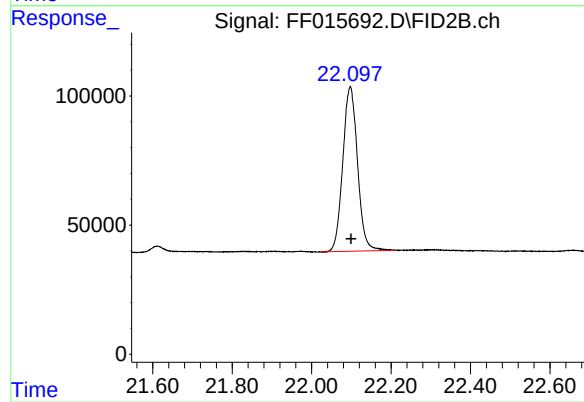
R.T.: 20.446 min
Delta R.T.: -0.001 min
Response: 2075865
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 1821665
Conc: 20.85 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.002 min
Response: 1641067
Conc: 20.45 ug/ml