

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
 Data File : FE049328.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2024 12:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 01 01:18:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.905	2833743	18.270 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
12) S 1-chlorooctadecane (S...	13.341	2178397	18.645 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
Target Compounds			
1) T n-Nonane (C9)	3.293	2609267	17.350 ug/ml
2) T n-Decane (C10)	4.543	2737852	17.726 ug/ml
3) T A~Naphthalene (C11.7)	6.250	2775734	17.816 ug/ml
4) T n-Dodecane (C12)	6.710	2718749	17.657 ug/ml
5) T A~2-methylnaphthalene...	7.346	2624646	18.035 ug/ml
6) T n-Tetradecane (C14)	8.537	2715005	17.888 ug/ml
7) T n-Hexadecane (C16)	10.144	2768869	18.258 ug/ml
8) T n-Octadecane (C18)	11.587	2787743	18.361 ug/ml
10) T n-Eicosane (C20)	12.895	2653630	18.351 ug/ml
11) T n-Heneicosane (C21)	13.507	2605245	18.372 ug/ml
13) T n-Docosane (C22)	14.093	2604443	18.538 ug/ml
14) T n-Tetracosane (C24)	15.195	2647159	18.888 ug/ml
15) T n-Hexacosane (C26)	16.215	2670205	19.043 ug/ml
16) T n-Octacosane (C28)	17.165	2823736	20.174 ug/ml
17) T n-Tricontane (C30)	18.052	3228786	22.134 ug/ml
18) T n-Dotriacontane (C32)	18.884	3385027	23.021 ug/ml
19) T n-Tetratriacontane (C34)	19.666	3249604	22.247 ug/ml
20) T n-Hexatriacontane (C36)	20.406	3100599	21.508 ug/ml
21) T n-Octatriacontane (C38)	21.137	3036075	20.282 ug/ml
22) T n-Tetracontane (C40)	22.041	2958968	19.608 ug/ml

(f)=RT Delta > 1/2 Window

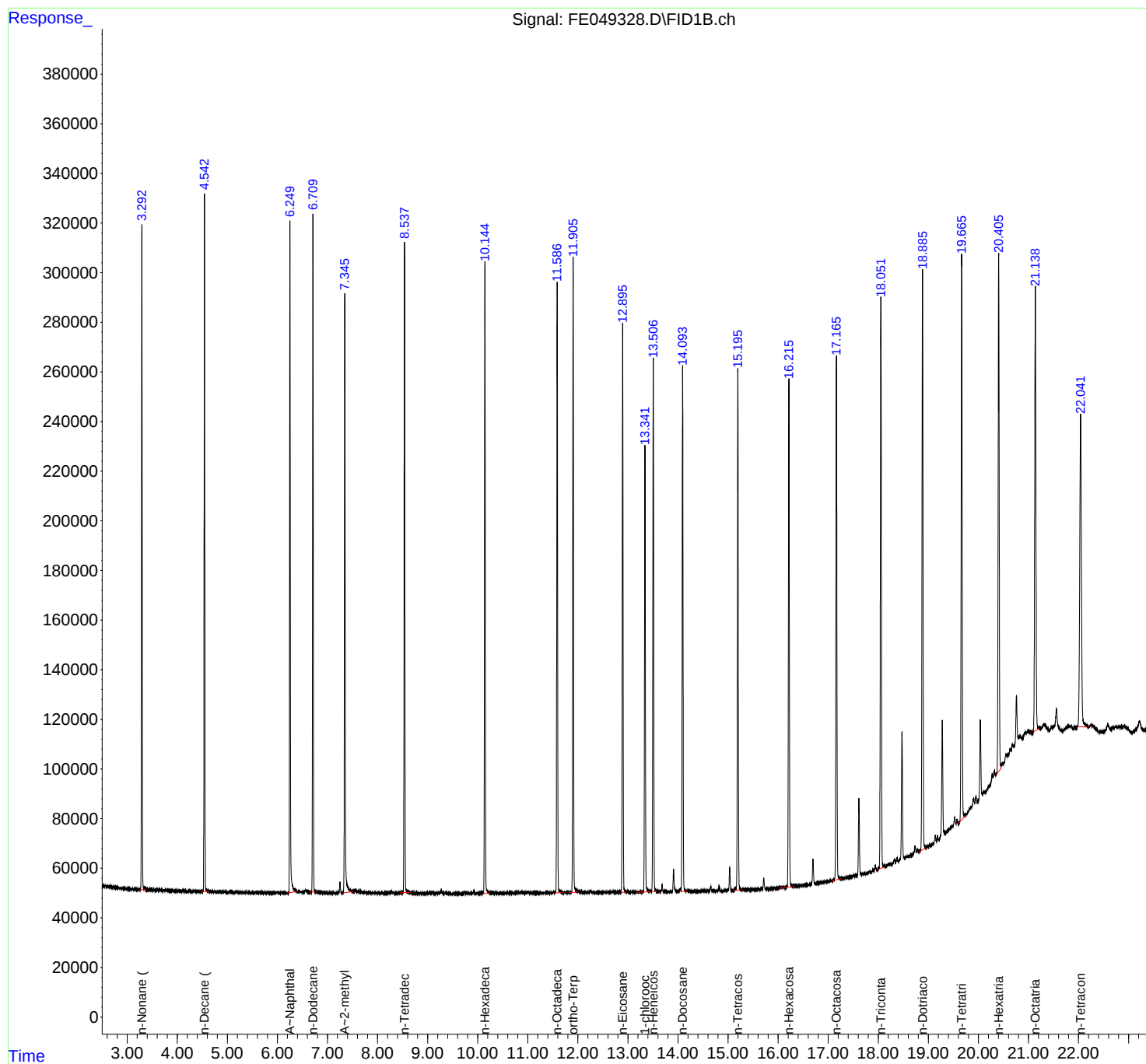
(m)=manual int.

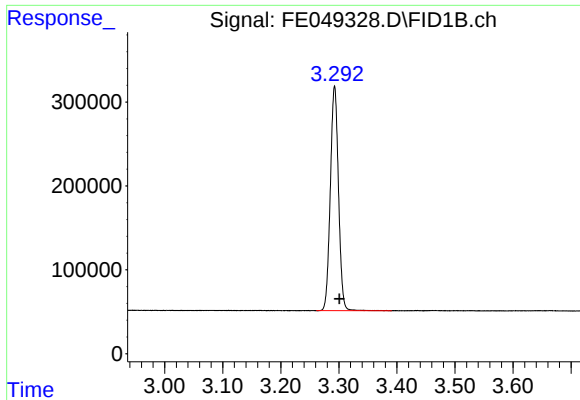
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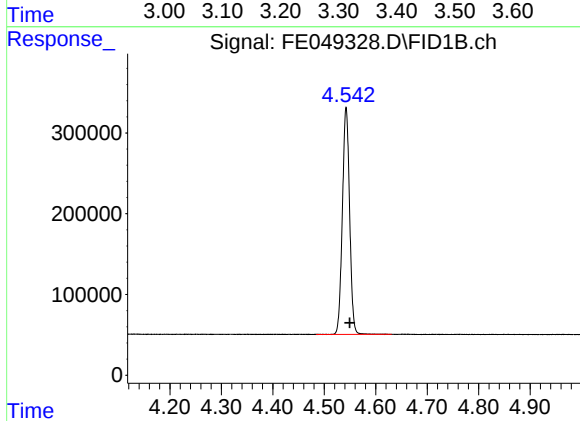




#1 n-Nonane (C9)

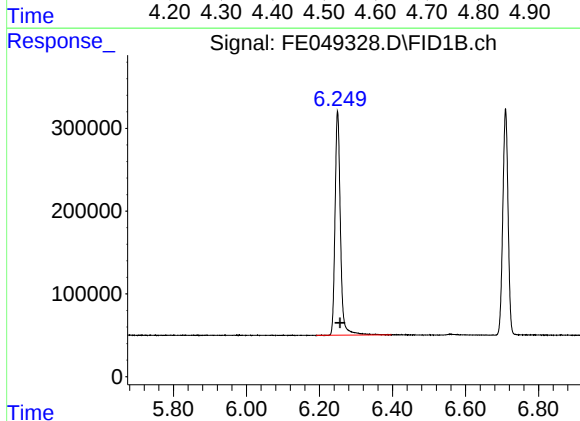
R.T.: 3.293 min
Delta R.T.: -0.008 min
Response: 2609267
Conc: 17.35 ug/ml

Instrument :
FID_E
ClientSampleId :



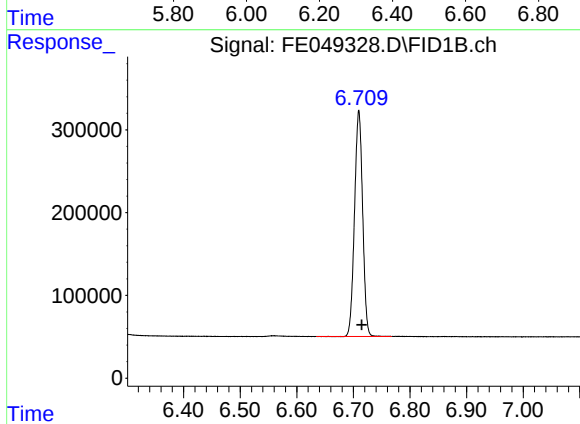
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.007 min
Response: 2737852
Conc: 17.73 ug/ml



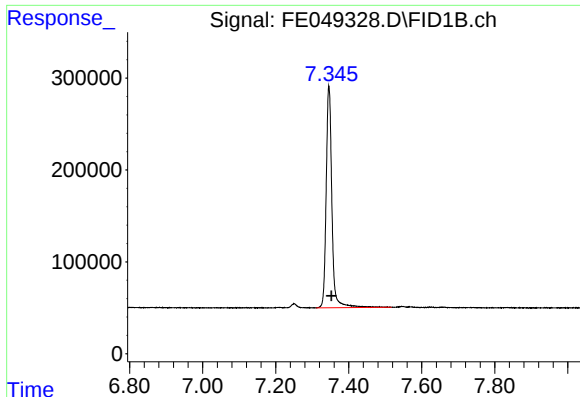
#3 A~Naphthalene (C11.7)

R.T.: 6.250 min
Delta R.T.: -0.007 min
Response: 2775734
Conc: 17.82 ug/ml



#4 n-Dodecane (C12)

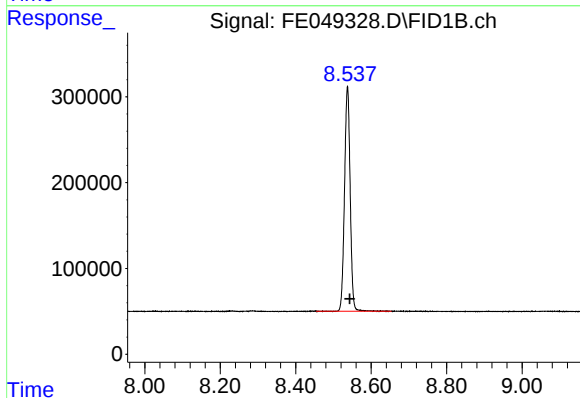
R.T.: 6.710 min
Delta R.T.: -0.005 min
Response: 2718749
Conc: 17.66 ug/ml



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

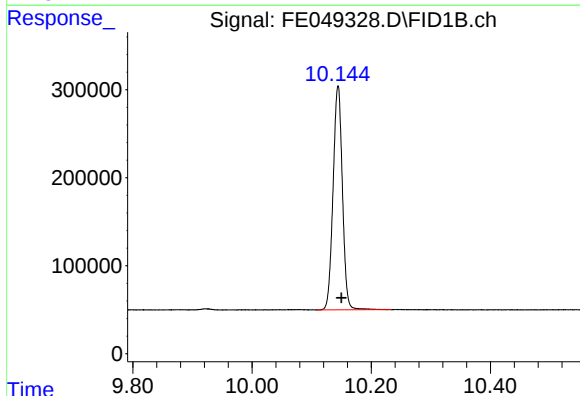
R.T.: 7.346 min
Delta R.T.: -0.006 min
Response: 2624646
Conc: 18.04 ug/ml

Instrument :
FID_E
ClientSampleId :



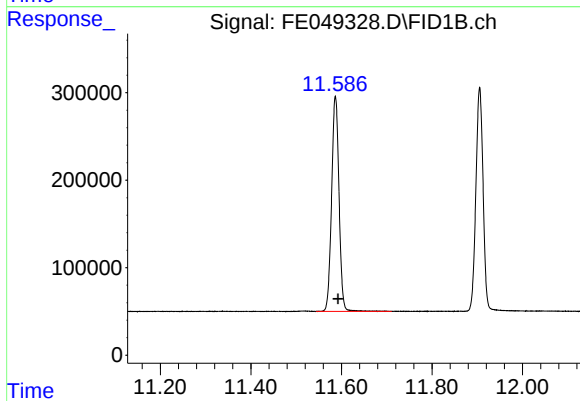
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.006 min
Response: 2715005
Conc: 17.89 ug/ml



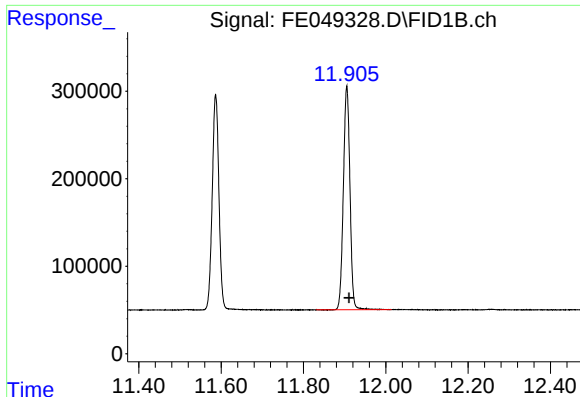
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.006 min
Response: 2768869
Conc: 18.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.587 min
Delta R.T.: -0.006 min
Response: 2787743
Conc: 18.36 ug/ml



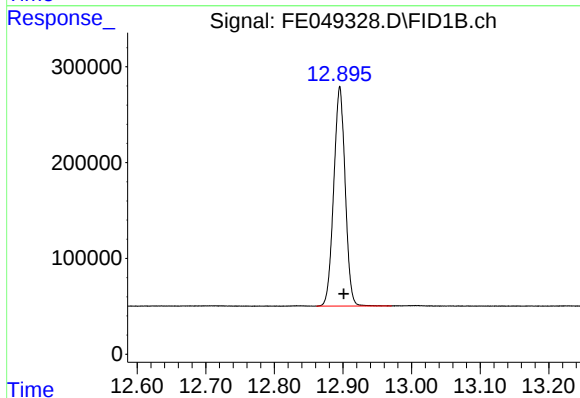
#9 ortho-Terphenyl (SURR)

R.T.: 11.905 min
Delta R.T.: -0.005 min
Response: 2833743
Conc: 18.27 ug/ml

Instrument :

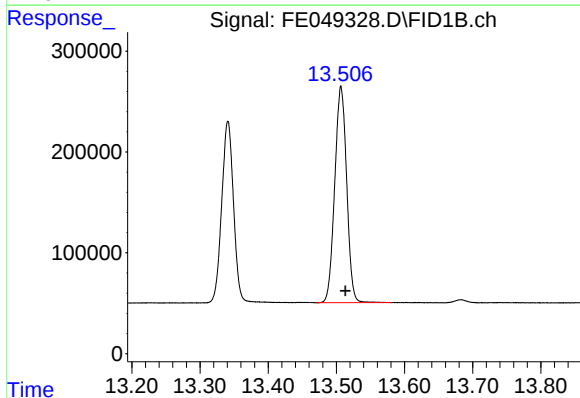
FID_E

ClientSampleId :



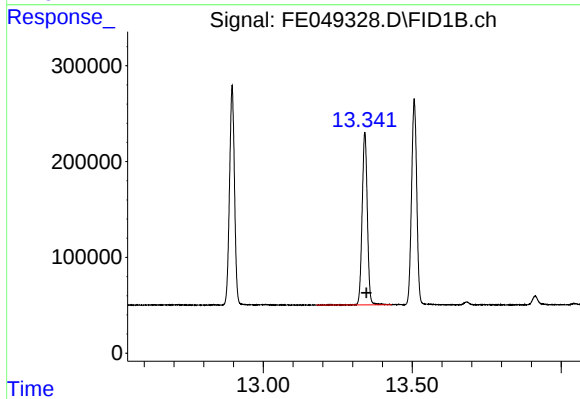
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.006 min
Response: 2653630
Conc: 18.35 ug/ml



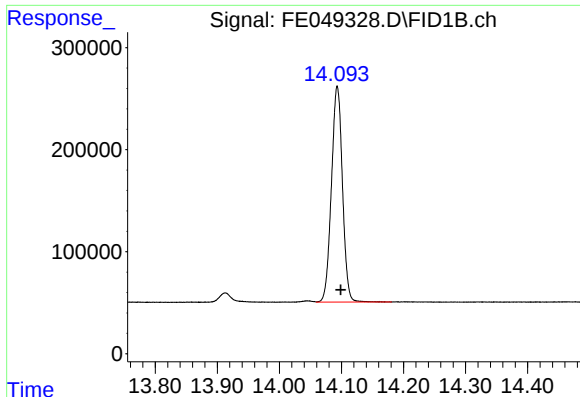
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.006 min
Response: 2605245
Conc: 18.37 ug/ml



#12 1-chlorooctadecane (SURR)

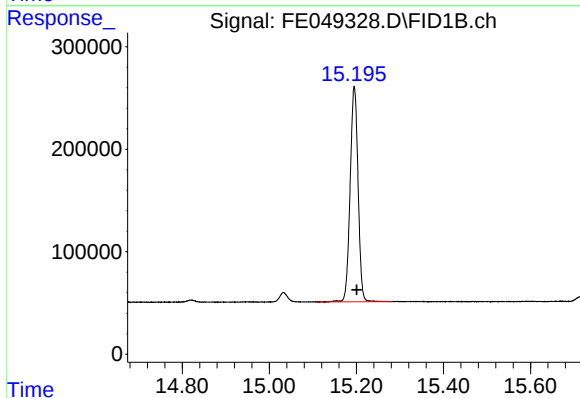
R.T.: 13.341 min
Delta R.T.: -0.005 min
Response: 2178397
Conc: 18.64 ug/ml



#13 n-Docosane (C22)

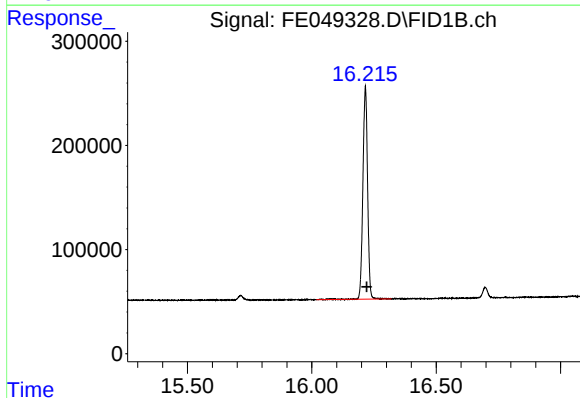
R.T.: 14.093 min
Delta R.T.: -0.006 min
Response: 2604443
Conc: 18.54 ug/ml

Instrument :
FID_E
ClientSampleId :



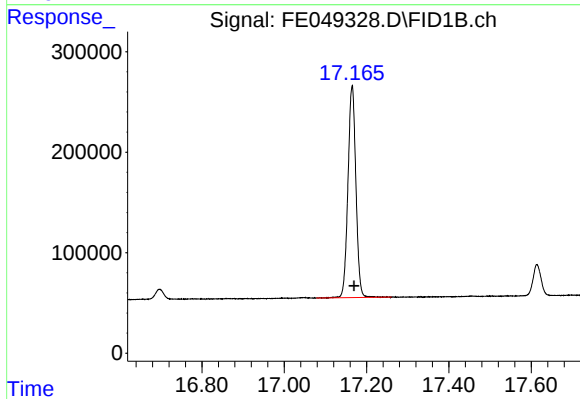
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.005 min
Response: 2647159
Conc: 18.89 ug/ml



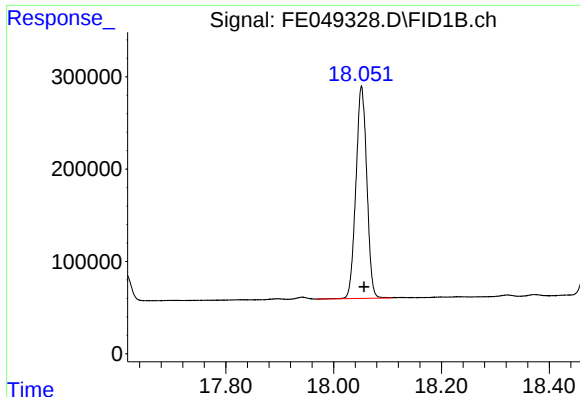
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.006 min
Response: 2670205
Conc: 19.04 ug/ml



#16 n-Octacosane (C28)

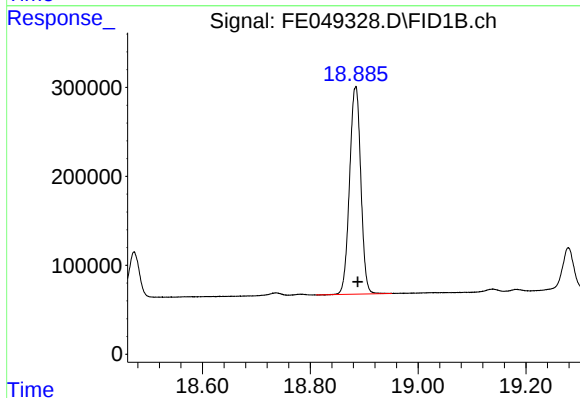
R.T.: 17.165 min
Delta R.T.: -0.005 min
Response: 2823736
Conc: 20.17 ug/ml



#17 n-Tricontane (C30)

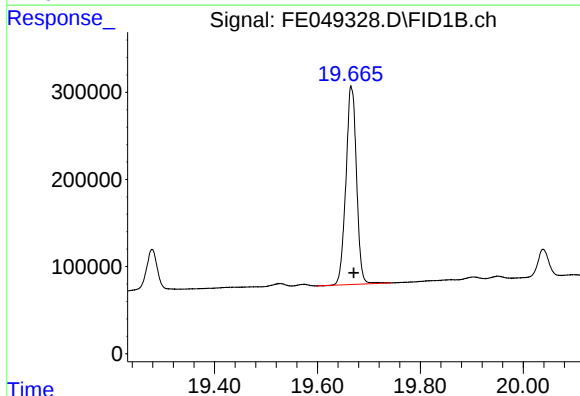
R.T.: 18.052 min
Delta R.T.: -0.005 min
Response: 3228786
Conc: 22.13 ug/ml

Instrument :
FID_E
ClientSampleId :



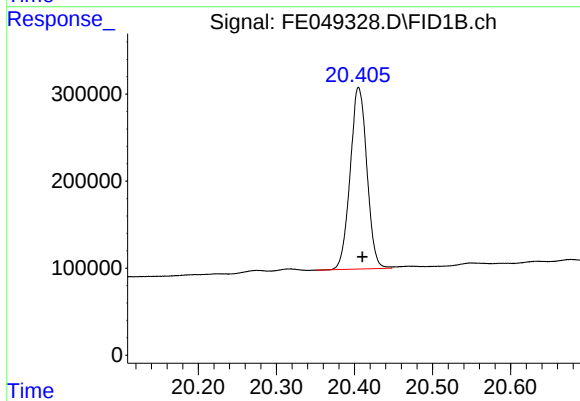
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: -0.004 min
Response: 3385027
Conc: 23.02 ug/ml



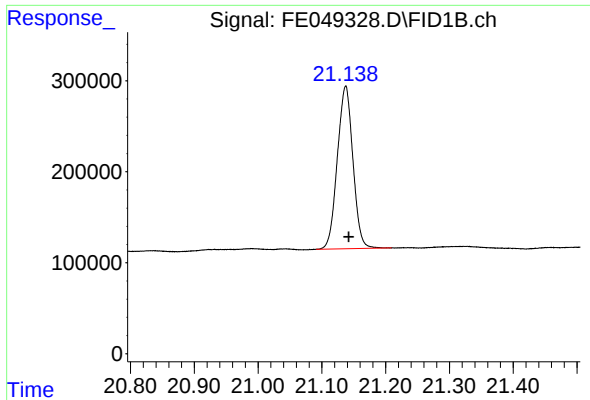
#19 n-Tetratriacontane (C34)

R.T.: 19.666 min
Delta R.T.: -0.005 min
Response: 3249604
Conc: 22.25 ug/ml



#20 n-Hexatriacontane (C36)

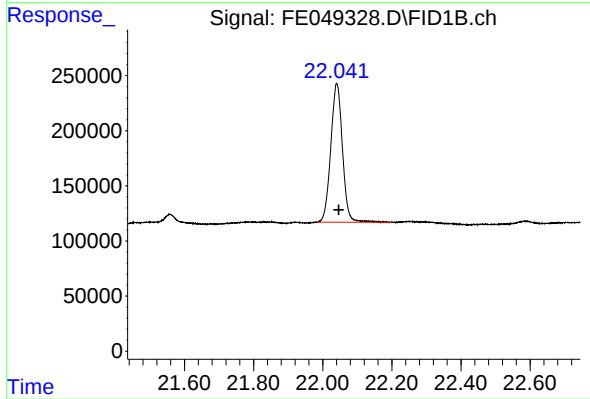
R.T.: 20.406 min
Delta R.T.: -0.005 min
Response: 3100599
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.137 min
Delta R.T.: -0.005 min
Response: 3036075
Conc: 20.28 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: -0.006 min
Response: 2958968
Conc: 19.61 ug/ml