

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022025AL\
 Data File : FE052415.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2025 06:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 01:41:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.921	3547651	18.978 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	13.367	2601348	18.715 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
Target Compounds			
1) T n-Nonane (C9)	3.255	3157643	20.571 ug/ml
2) T n-Decane (C10)	4.517	3213233	20.573 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3551551	20.557 ug/ml
4) T n-Dodecane (C12)	6.700	3205361	20.307 ug/ml
5) T A~2-methylnaphthalene...	7.334	3415174	20.335 ug/ml
6) T n-Tetradecane (C14)	8.538	3129658	19.869 ug/ml
7) T n-Hexadecane (C16)	10.154	3171408	19.404 ug/ml
8) T n-Octadecane (C18)	11.604	3154884	19.067 ug/ml
10) T n-Eicosane (C20)	12.921	3004586	18.847 ug/ml
11) T n-Heneicosane (C21)	13.535	2951148	18.837 ug/ml
13) T n-Docosane (C22)	14.124	2919687	18.657 ug/ml
14) T n-Tetracosane (C24)	15.231	2891598	18.386 ug/ml
15) T n-Hexacosane (C26)	16.255	2842946	18.355 ug/ml
16) T n-Octacosane (C28)	17.208	2804955	18.338 ug/ml
17) T n-Tricontane (C30)	18.098	2919511	18.703 ug/ml
18) T n-Dotriacontane (C32)	18.933	2940929	19.219 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2814945	19.787 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2498678	20.048 ug/ml
21) T n-Octatriacontane (C38)	21.206	2300261	21.045 ug/ml
22) T n-Tetracontane (C40)	22.132	2211296	21.983 ug/ml

(f)=RT Delta > 1/2 Window

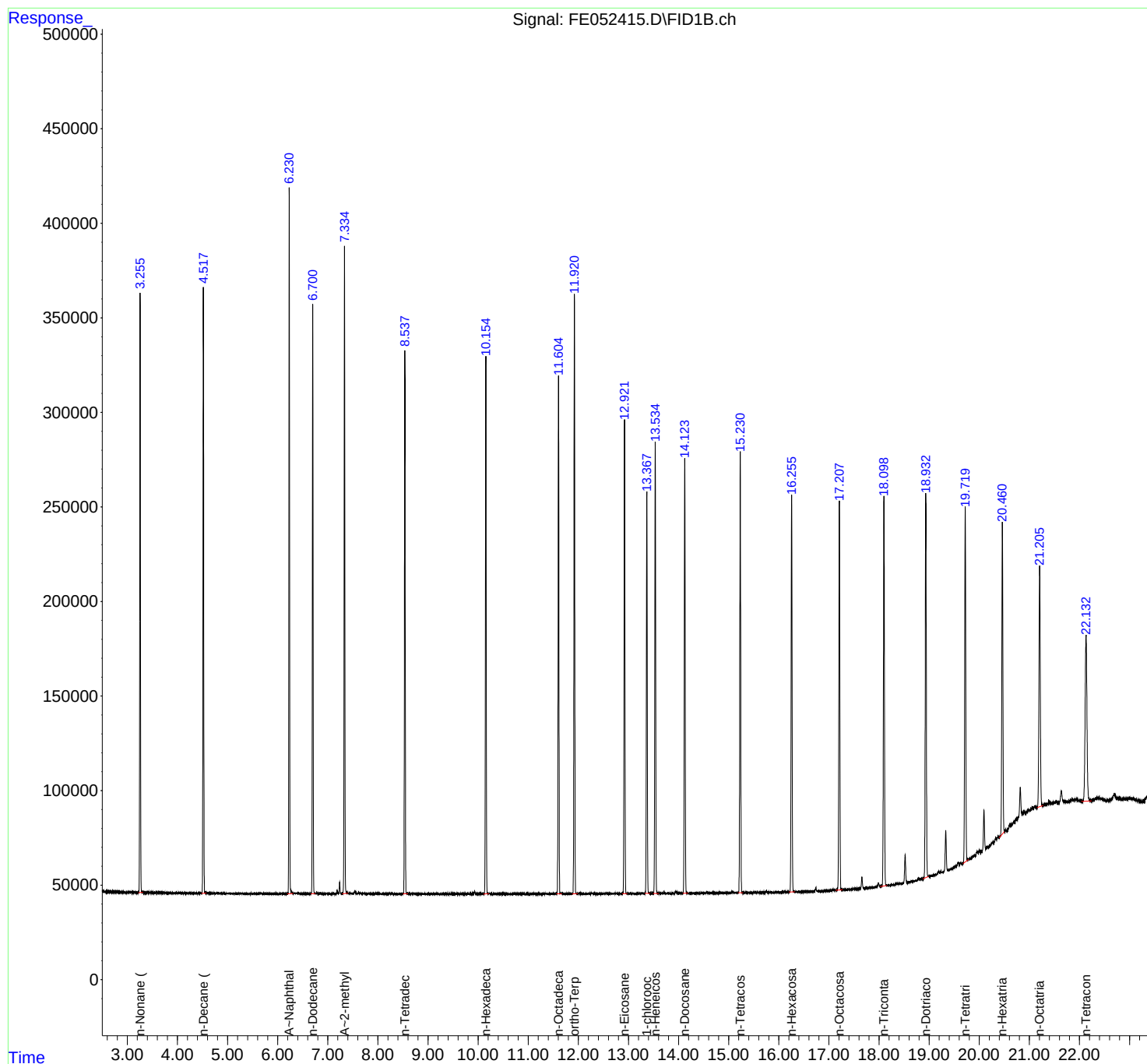
(m)=manual int.

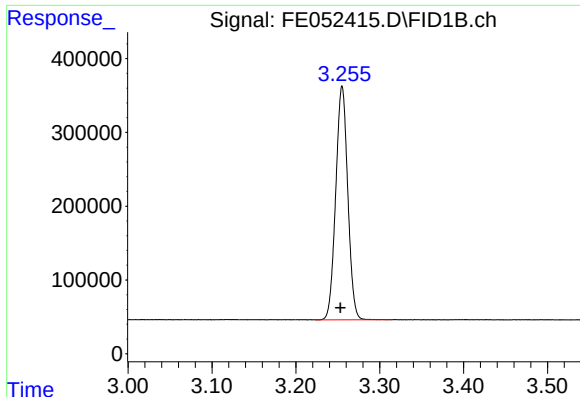
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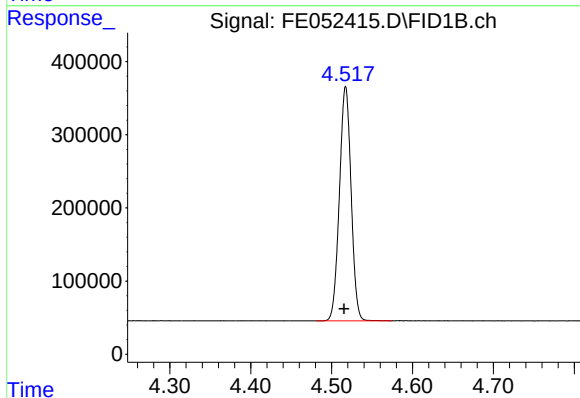




#1 n-Nonane (C9)

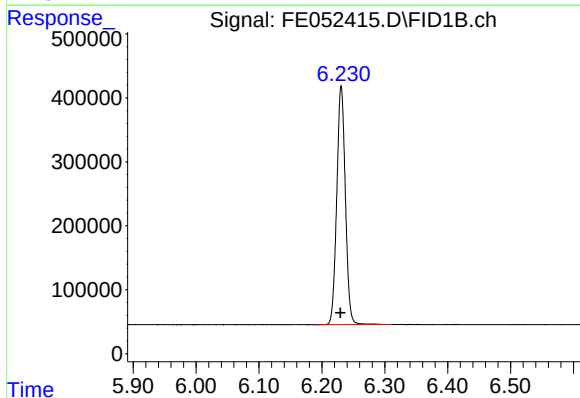
R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 3157643
Conc: 20.57 ug/ml

Instrument :
FID_E
ClientSampleId :



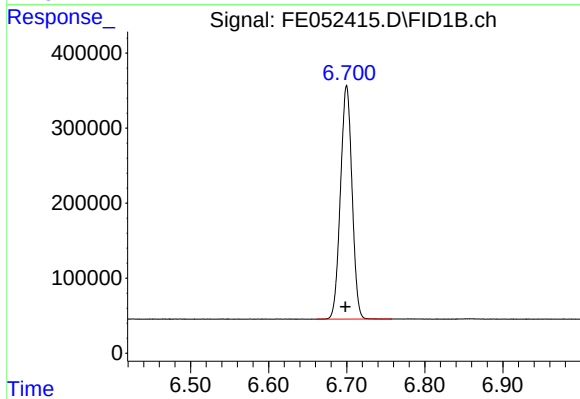
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 3213233
Conc: 20.57 ug/ml



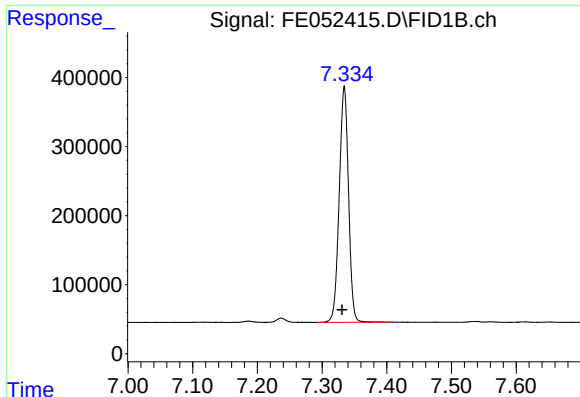
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 3551551
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

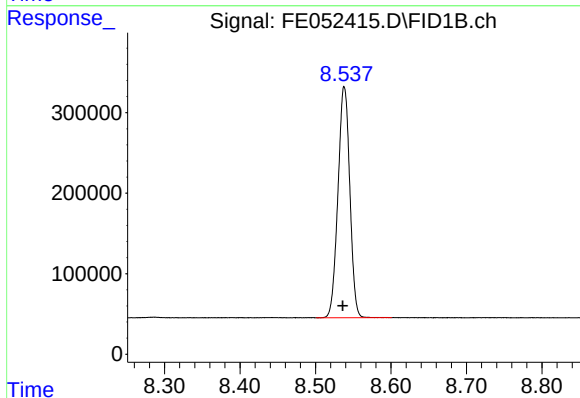
R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 3205361
Conc: 20.31 ug/ml



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

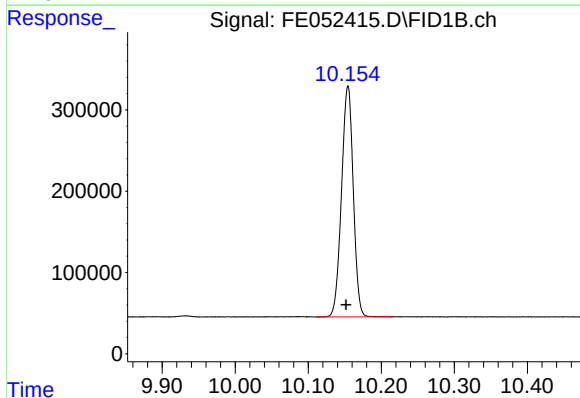
R.T.: 7.334 min
Delta R.T.: 0.003 min
Response: 3415174
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :



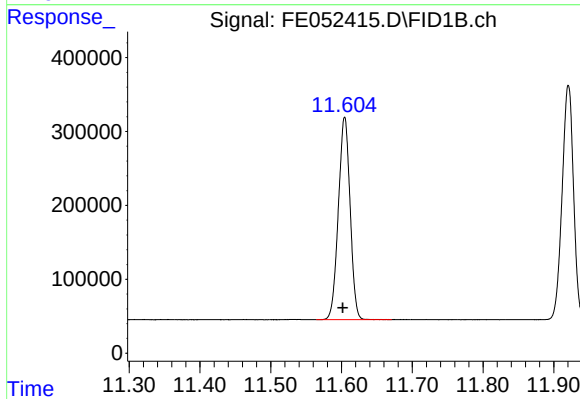
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: 0.002 min
Response: 3129658
Conc: 19.87 ug/ml



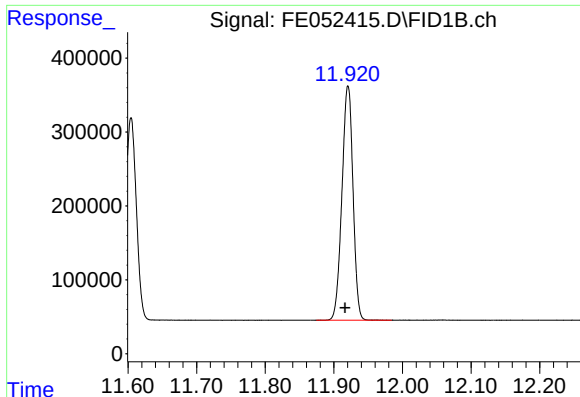
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: 0.002 min
Response: 3171408
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

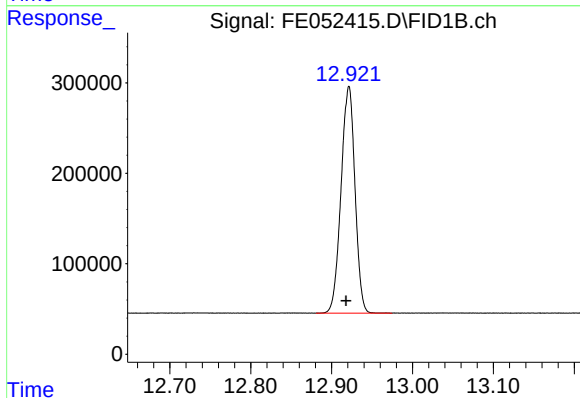
R.T.: 11.604 min
Delta R.T.: 0.003 min
Response: 3154884
Conc: 19.07 ug/ml



#9 ortho-Terphenyl (SURR)

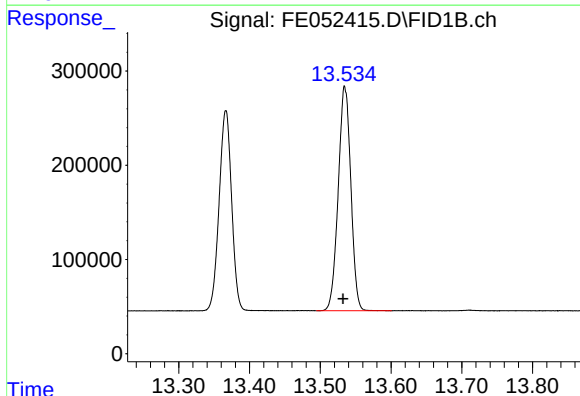
R.T.: 11.921 min
Delta R.T.: 0.004 min
Response: 3547651
Conc: 18.98 ug/ml

Instrument :
FID_E
ClientSampleId :



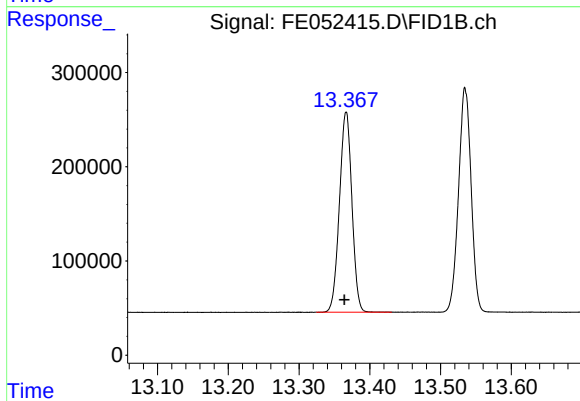
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: 0.003 min
Response: 3004586
Conc: 18.85 ug/ml



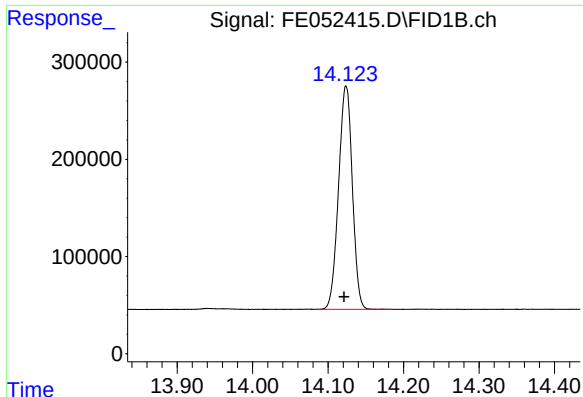
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.003 min
Response: 2951148
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

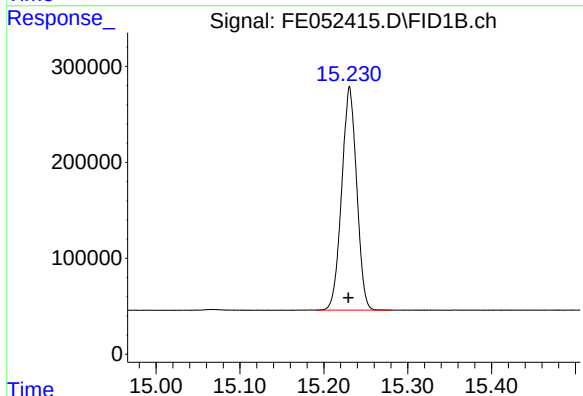
R.T.: 13.367 min
Delta R.T.: 0.002 min
Response: 2601348
Conc: 18.72 ug/ml



#13 n-Docosane (C22)

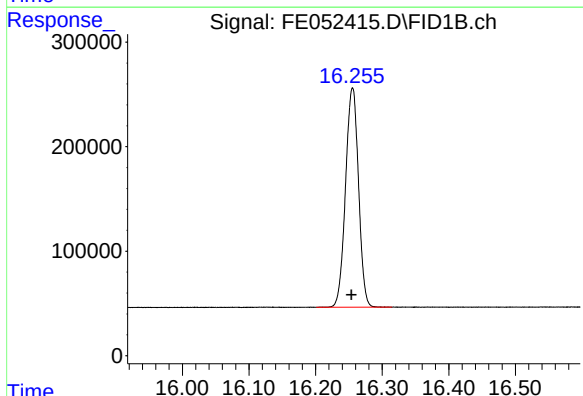
R.T.: 14.124 min
Delta R.T.: 0.003 min
Response: 2919687
Conc: 18.66 ug/ml

Instrument :
FID_E
ClientSampleId :



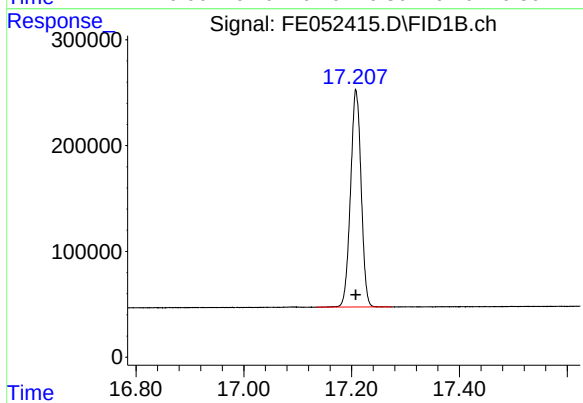
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: 0.002 min
Response: 2891598
Conc: 18.39 ug/ml



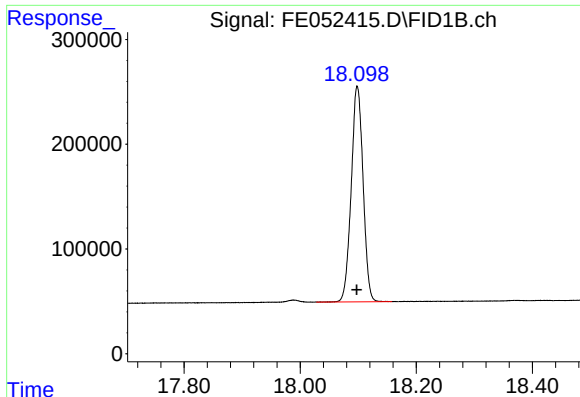
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.002 min
Response: 2842946
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

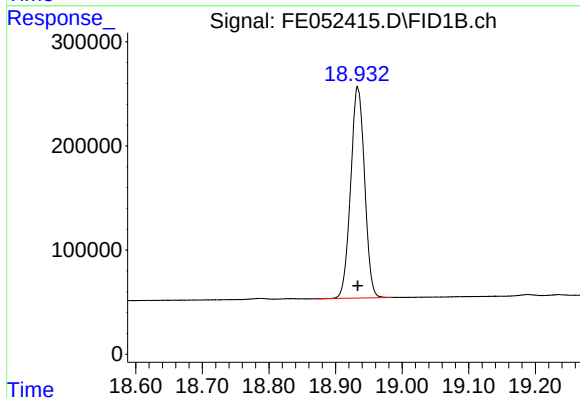
R.T.: 17.208 min
Delta R.T.: 0.000 min
Response: 2804955
Conc: 18.34 ug/ml



#17 n-Tricontane (C30)

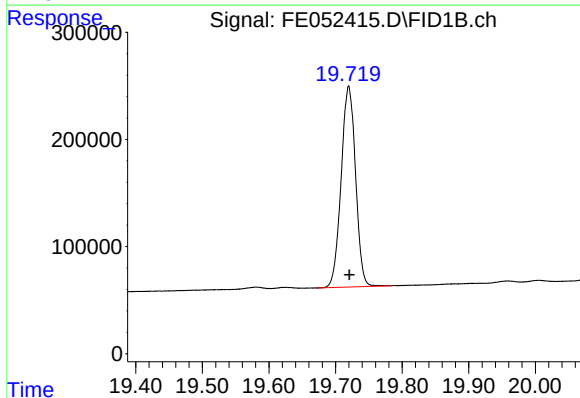
R.T.: 18.098 min
Delta R.T.: 0.001 min
Response: 2919511
Conc: 18.70 ug/ml

Instrument :
FID_E
ClientSampleId :



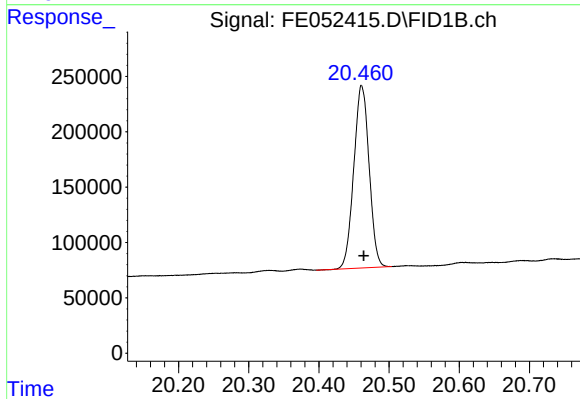
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 2940929
Conc: 19.22 ug/ml



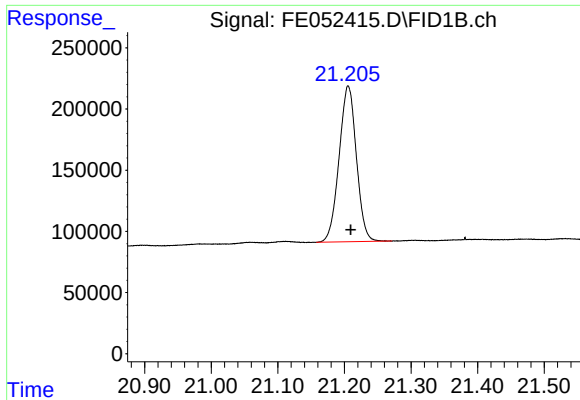
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.000 min
Response: 2814945
Conc: 19.79 ug/ml



#20 n-Hexatriacontane (C36)

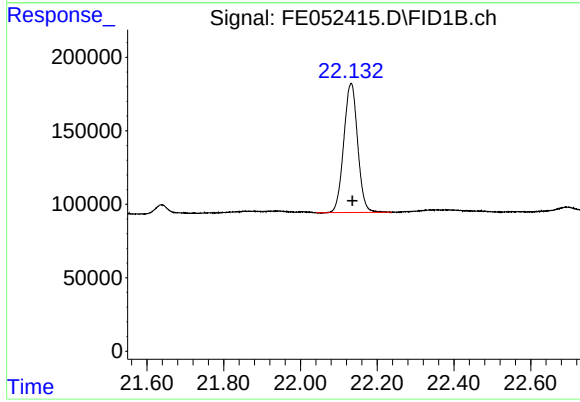
R.T.: 20.461 min
Delta R.T.: -0.003 min
Response: 2498678
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.004 min
Response: 2300261
Conc: 21.04 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.003 min
Response: 2211296
Conc: 21.98 ug/ml