

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032523AL\
 Data File : FE041019.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2023 01:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 25 06:23:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:22:45 2023
 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)	11.865	3683460	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.302	2816310	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.262	3412005	20.000 ug/ml
2) T n-Decane (C10)	4.509	3361065	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.212	3674790	20.000 ug/ml
4) T n-Dodecane (C12)	6.674	3418865	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.307	3344074	20.000 ug/ml
6) T n-Tetradecane (C14)	8.500	3427586	20.000 ug/ml
7) T n-Hexadecane (C16)	10.107	3493258	20.000 ug/ml
8) T n-Octadecane (C18)	11.549	3501842	20.000 ug/ml
10) T n-Eicosane (C20)	12.858	3335310	20.000 ug/ml
11) T n-Heneicosane (C21)	13.470	3297507	20.000 ug/ml
13) T n-Docosane (C22)	14.057	3234633	20.000 ug/ml
14) T n-Tetracosane (C24)	15.161	3142461	20.000 ug/ml
15) T n-Hexacosane (C26)	16.182	3013548	20.000 ug/ml
16) T n-Octacosane (C28)	17.133	2968208	20.000 ug/ml
17) T n-Tricontane (C30)	18.022	2965955	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.857	3026162	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.642	3013708	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.384	3016893	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.112	2996671	20.000 ug/ml
22) T n-Tetracontane (C40)	21.998	3129625	20.000 ug/ml

(f)=RT Delta > 1/2 Window

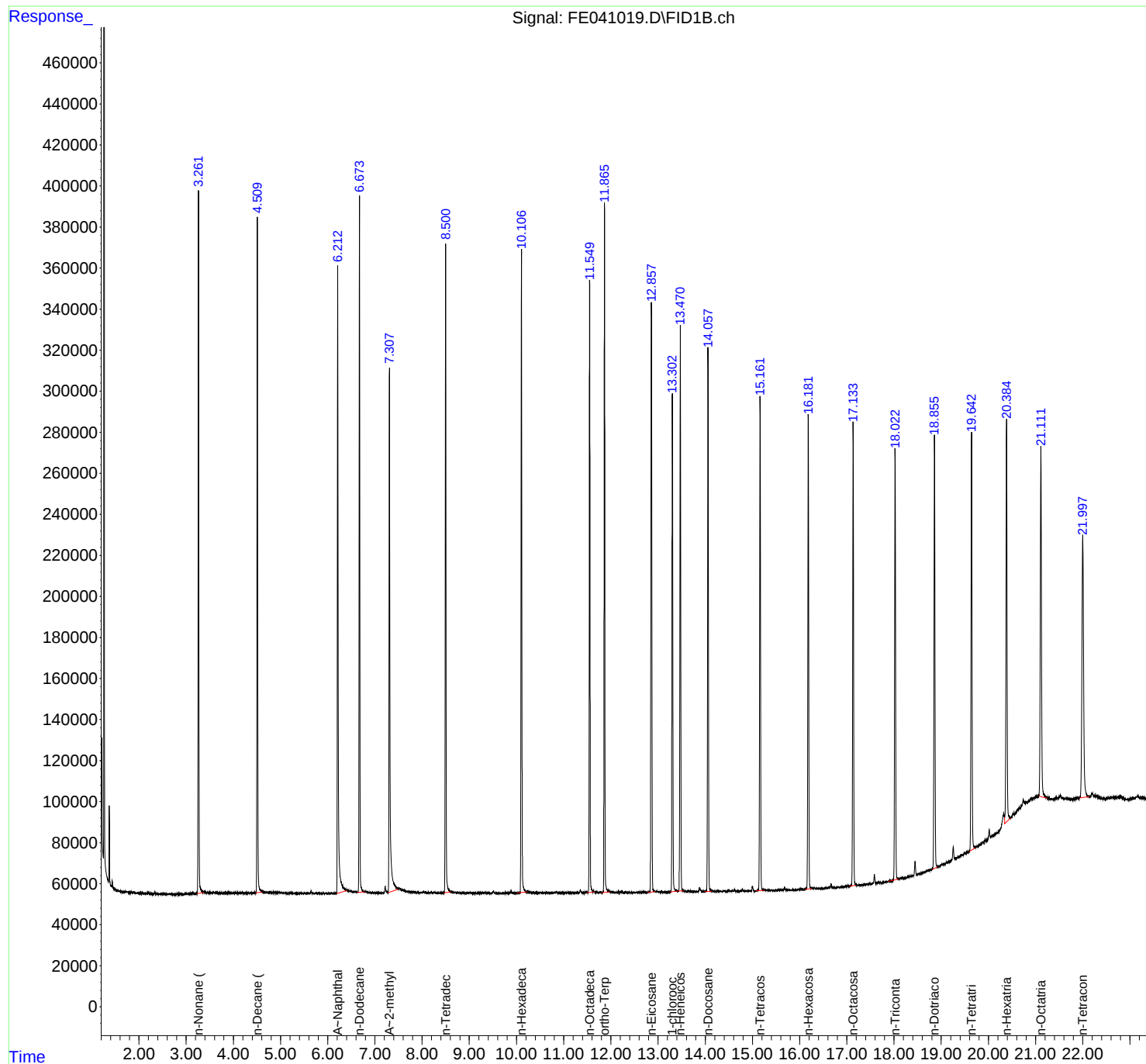
(m)=manual int.

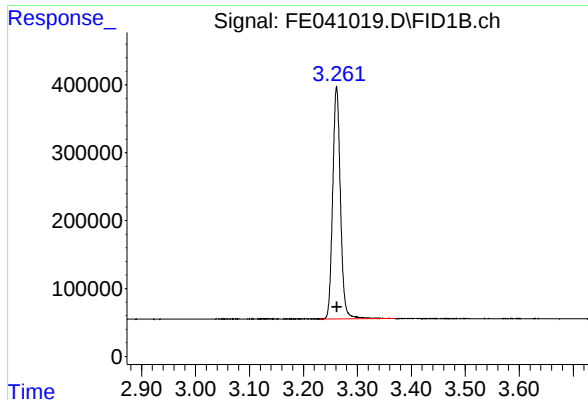
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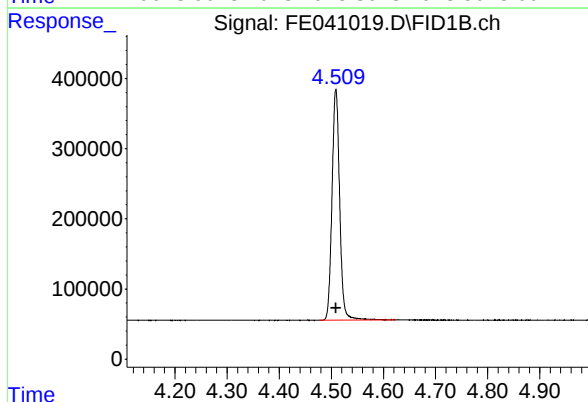




#1 n-Nonane (C9)

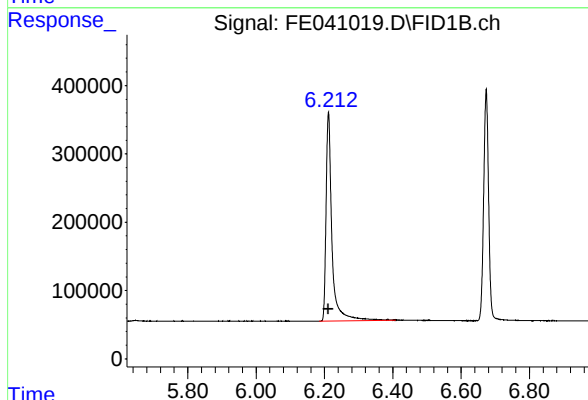
R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 3412005
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



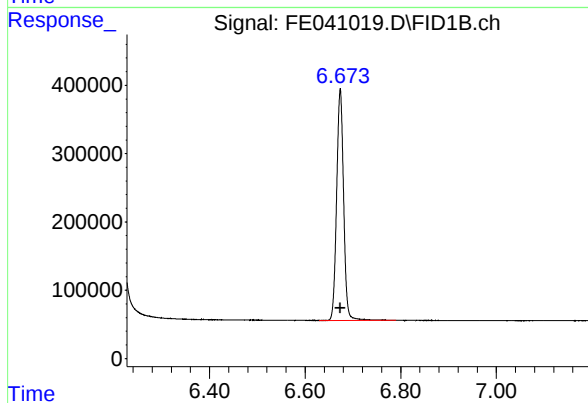
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 3361065
Conc: 20.00 ug/ml



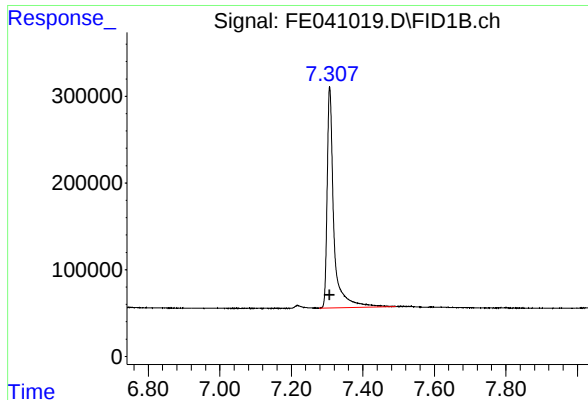
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 3674790
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

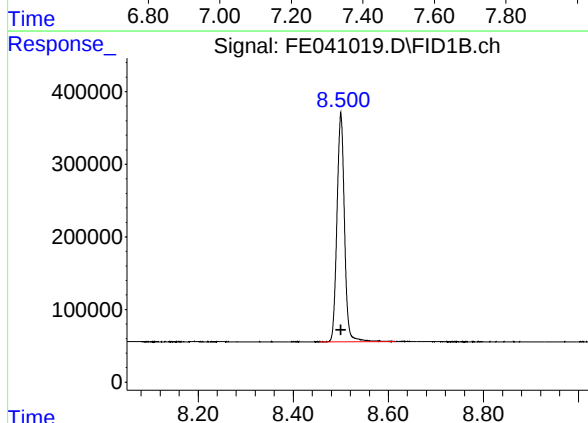
R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 3418865
Conc: 20.00 ug/ml



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

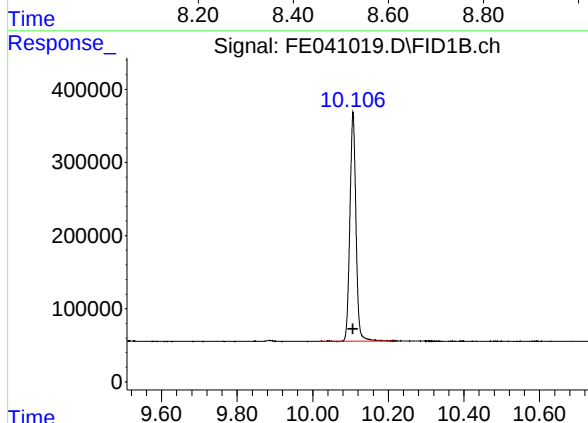
R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 3344074
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



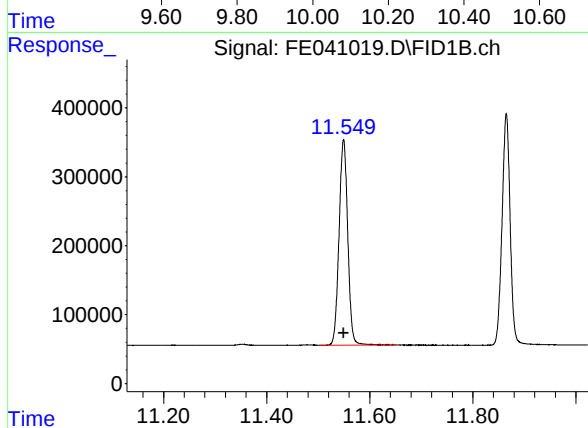
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 3427586
Conc: 20.00 ug/ml



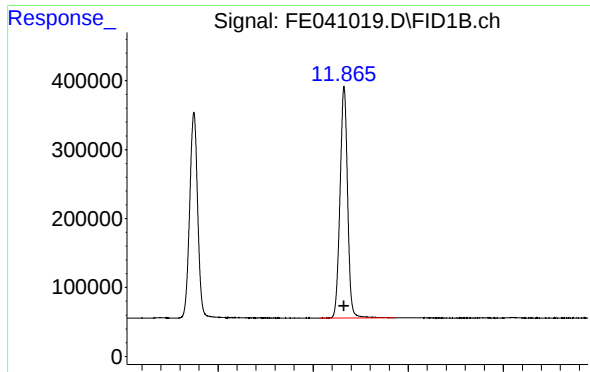
#7 n-Hexadecane (C16)

R.T.: 10.107 min
Delta R.T.: 0.000 min
Response: 3493258
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

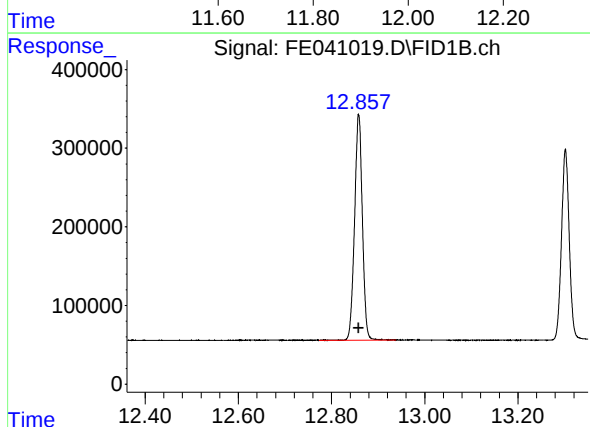
R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 3501842
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

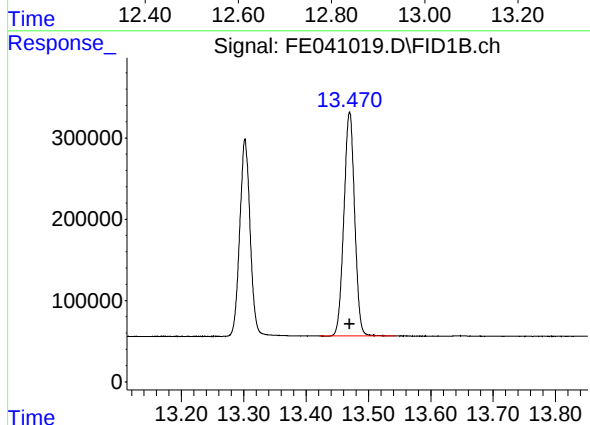
R.T.: 11.865 min
Delta R.T.: 0.000 min
Response: 3683460
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



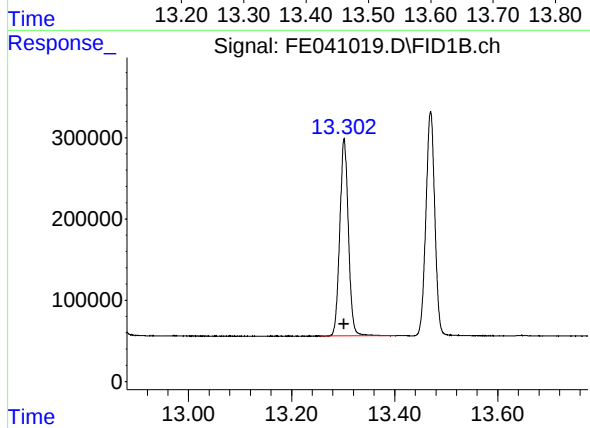
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: 0.000 min
Response: 3335310
Conc: 20.00 ug/ml



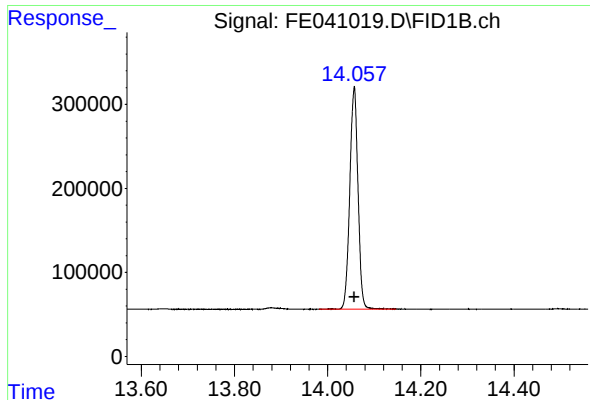
#11 n-Heneicosane (C21)

R.T.: 13.470 min
Delta R.T.: 0.000 min
Response: 3297507
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

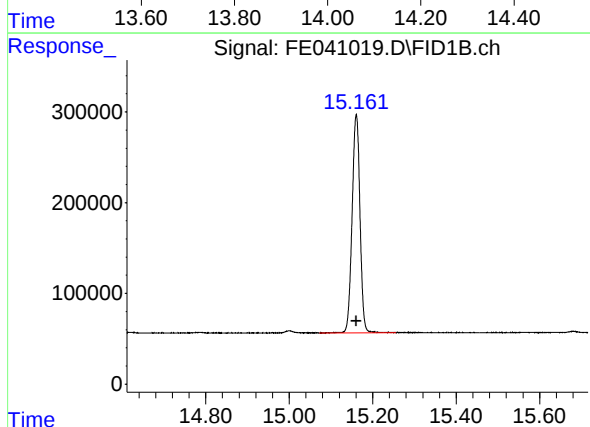
R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 2816310
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

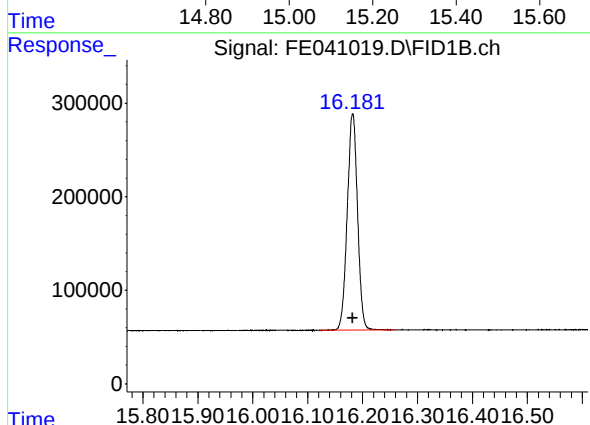
R.T.: 14.057 min
Delta R.T.: 0.000 min
Response: 3234633
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



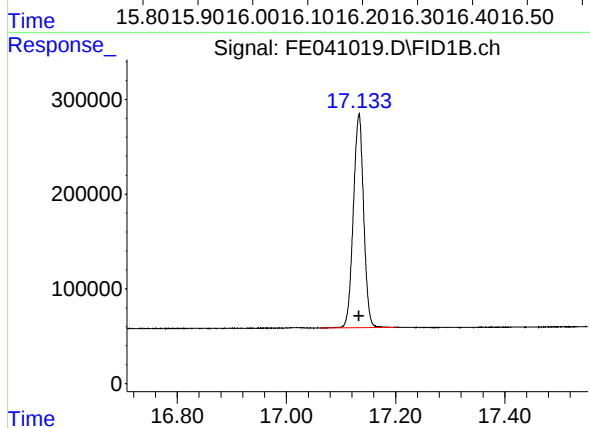
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: 0.000 min
Response: 3142461
Conc: 20.00 ug/ml



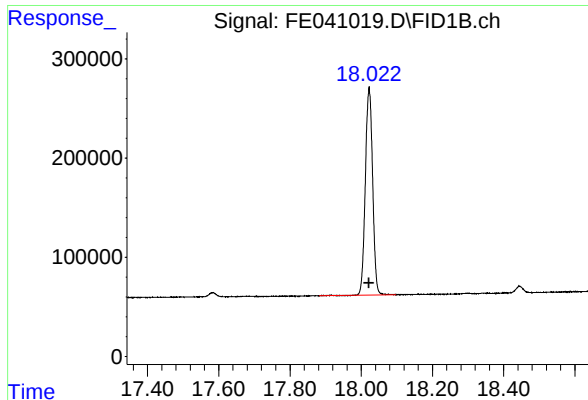
#15 n-Hexacosane (C26)

R.T.: 16.182 min
Delta R.T.: 0.000 min
Response: 3013548
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

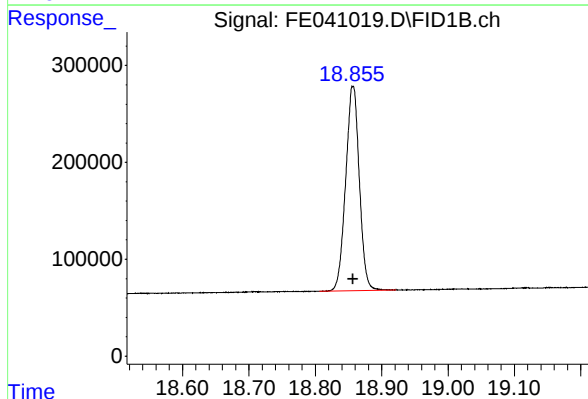
R.T.: 17.133 min
Delta R.T.: 0.000 min
Response: 2968208
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

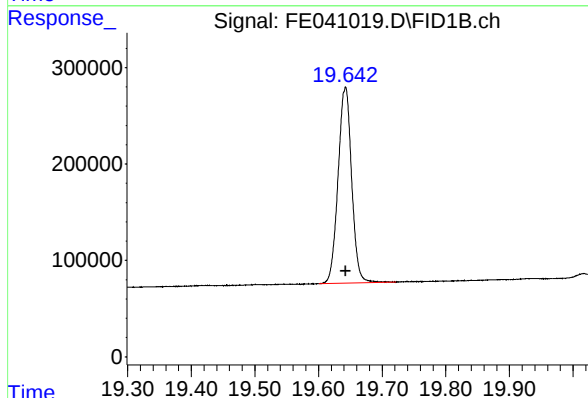
R.T.: 18.022 min
Delta R.T.: 0.000 min
Response: 2965955
Conc: 20.00 ug/ml

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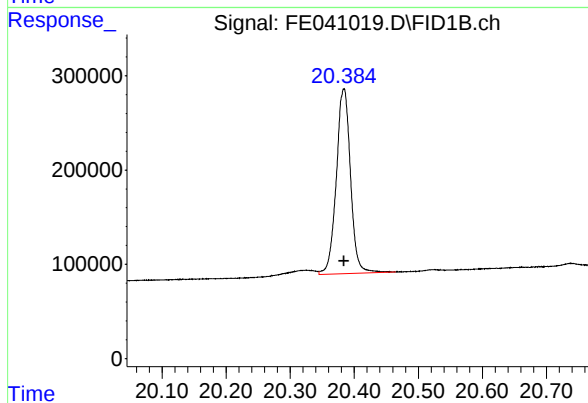
#18 n-Dotriacontane (C32)

R.T.: 18.857 min
Delta R.T.: 0.000 min
Response: 3026162
Conc: 20.00 ug/ml



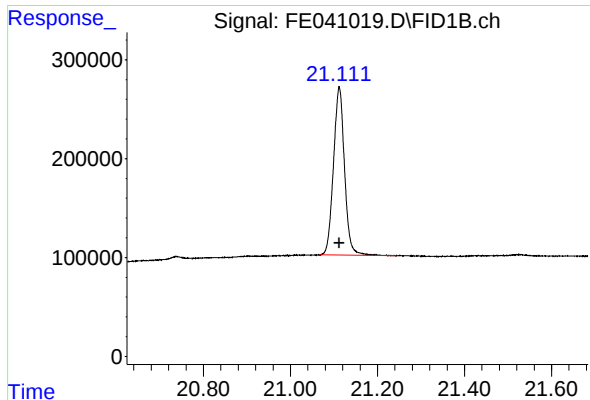
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: 0.000 min
Response: 3013708
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

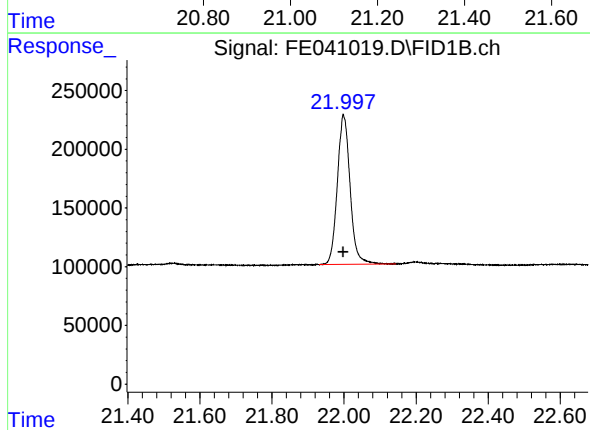
R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 3016893
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 2996671
Conc: 20.00 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: 0.000 min
Response: 3129625
Conc: 20.00 ug/ml