

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020325AL\
 Data File : FE052206.D
 Signal(s) : FID1B.ch
 Acq On : 03 Feb 2025 12:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 03 13:55:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 13:54:43 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)	12.281	2531107	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.697	2020549	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.728	1910058	20.000 ug/ml
2) T n-Decane (C10)	4.960	1963921	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.666	2188464	20.000 ug/ml
4) T n-Dodecane (C12)	7.096	2024565	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.750	2145432	20.000 ug/ml
6) T n-Tetradecane (C14)	8.909	2068384	20.000 ug/ml
7) T n-Hexadecane (C16)	10.507	2221228	20.000 ug/ml
8) T n-Octadecane (C18)	11.944	2321135	20.000 ug/ml
10) T n-Eicosane (C20)	13.249	2308963	20.000 ug/ml
11) T n-Heneicosane (C21)	13.859	2305830	20.000 ug/ml
13) T n-Docosane (C22)	14.443	2316758	20.000 ug/ml
14) T n-Tetracosane (C24)	15.542	2358406	20.000 ug/ml
15) T n-Hexacosane (C26)	16.560	2351140	20.000 ug/ml
16) T n-Octacosane (C28)	17.507	2322220	20.000 ug/ml
17) T n-Tricontane (C30)	18.393	2341724	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.223	2251455	20.000 ug/ml
19) T n-Tetratriacontane (C34)	20.005	1973116	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.742	1746459	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.555	1567789	20.000 ug/ml
22) T n-Tetracontane (C40)	22.594	1563988	20.000 ug/ml

(f)=RT Delta > 1/2 Window

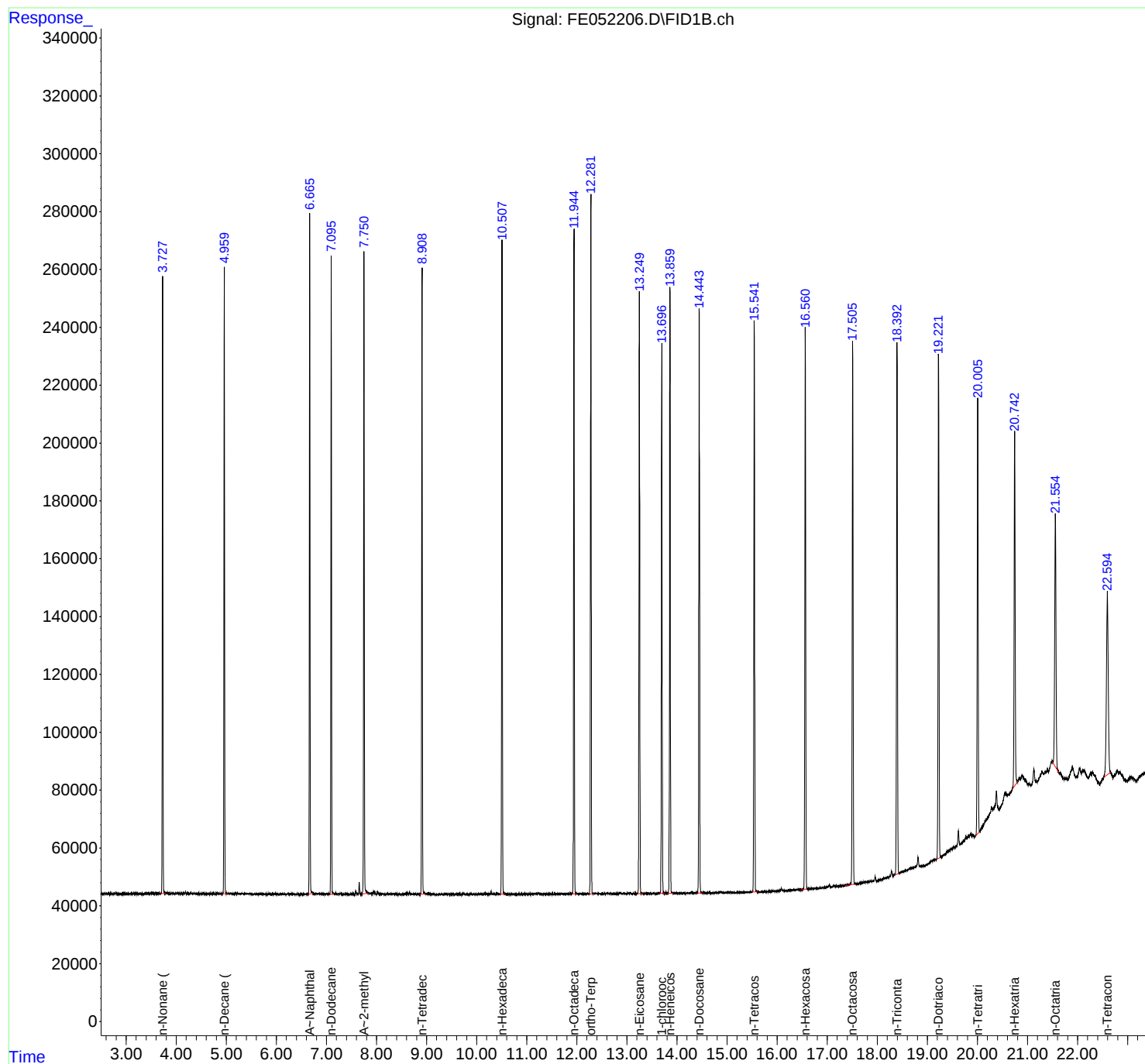
(m)=manual int.

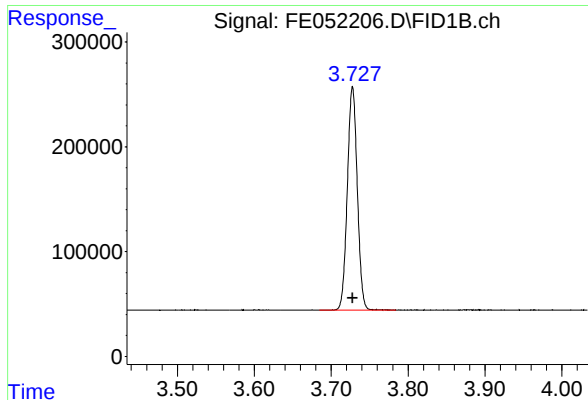
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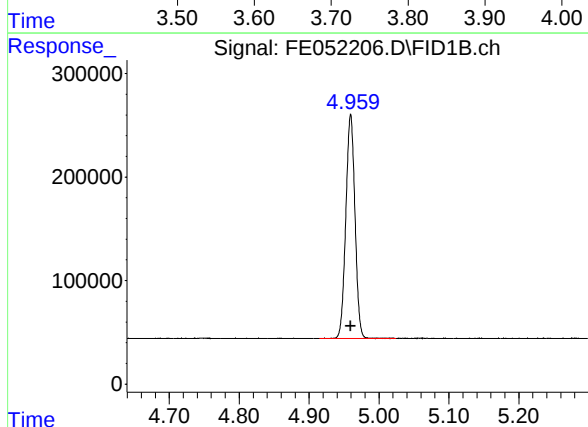




#1 n-Nonane (C9)

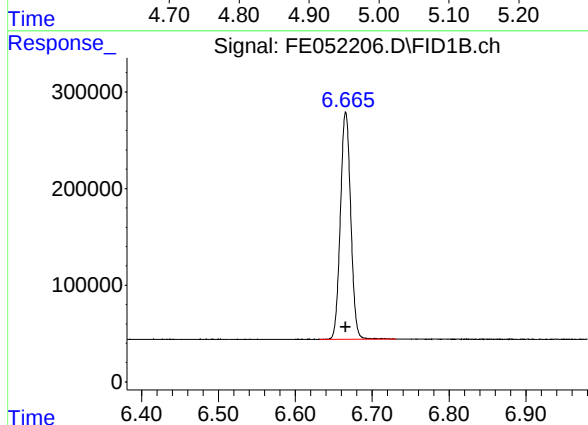
R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 1910058
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



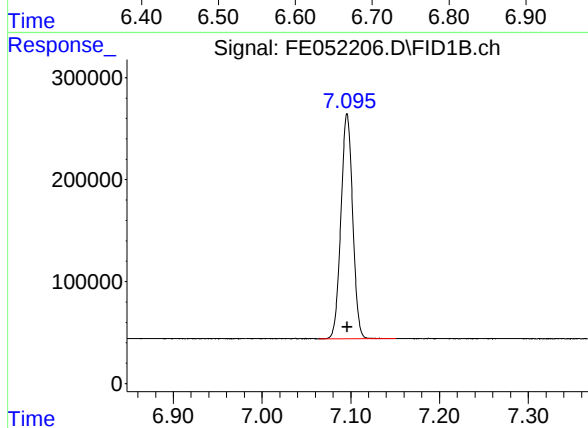
#2 n-Decane (C10)

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 1963921
Conc: 20.00 ug/ml



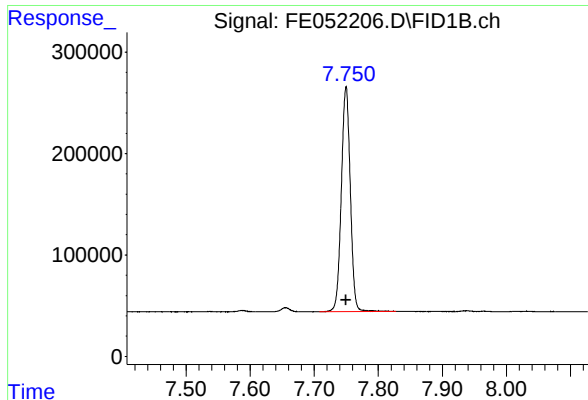
#3 A~Naphthalene (C11.7)

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 2188464
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

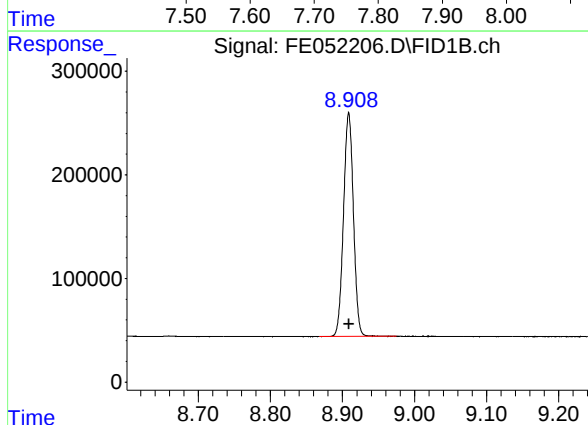
R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 2024565
Conc: 20.00 ug/ml



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

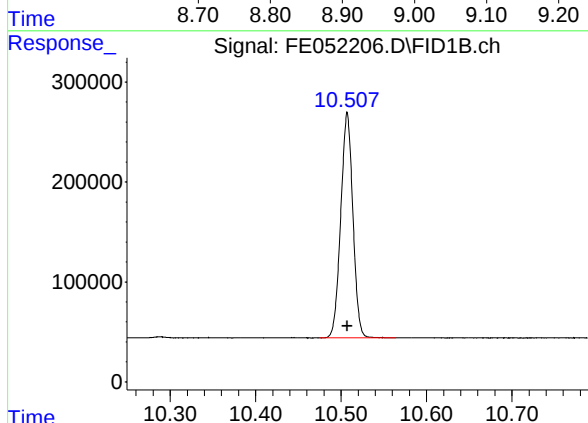
R.T.: 7.750 min
Delta R.T.: 0.000 min
Response: 2145432
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



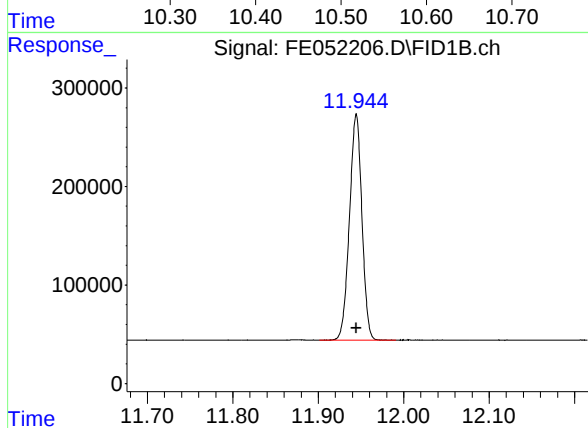
#6 n-Tetradecane (C14)

R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 2068384
Conc: 20.00 ug/ml



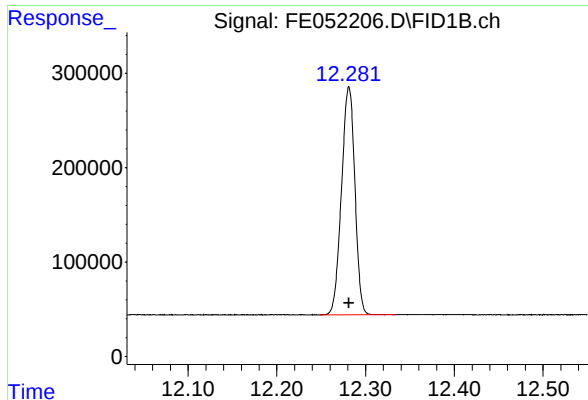
#7 n-Hexadecane (C16)

R.T.: 10.507 min
Delta R.T.: 0.000 min
Response: 2221228
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

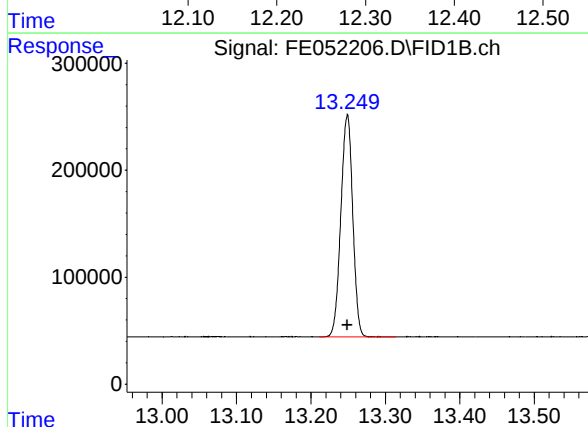
R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 2321135
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

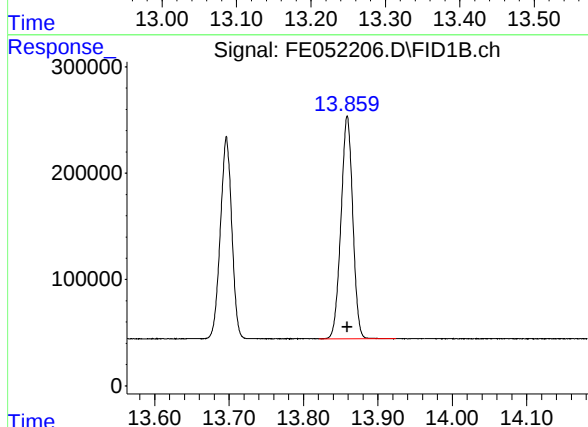
R.T.: 12.281 min
Delta R.T.: 0.000 min
Response: 2531107
Conc: 20.00 ug/ml

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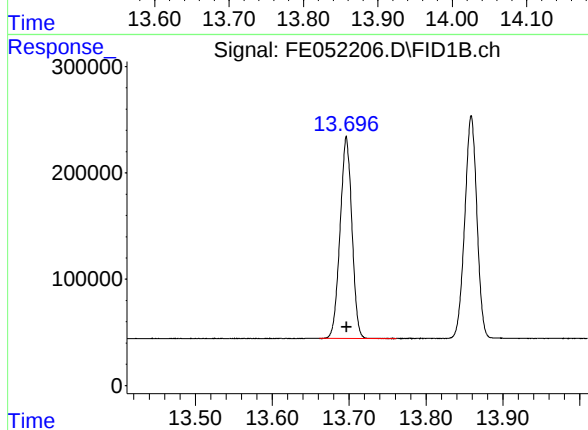
#10 n-Eicosane (C20)

R.T.: 13.249 min
Delta R.T.: 0.000 min
Response: 2308963
Conc: 20.00 ug/ml



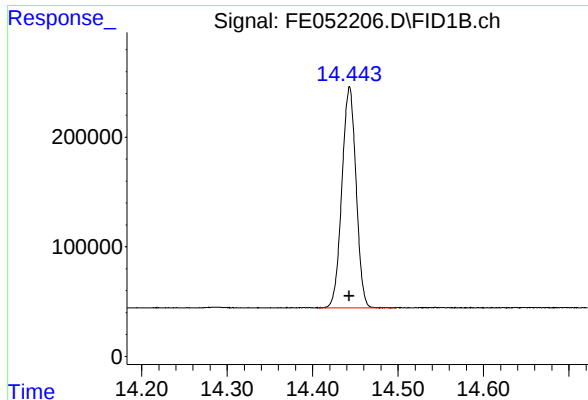
#11 n-Heneicosane (C21)

R.T.: 13.859 min
Delta R.T.: 0.000 min
Response: 2305830
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

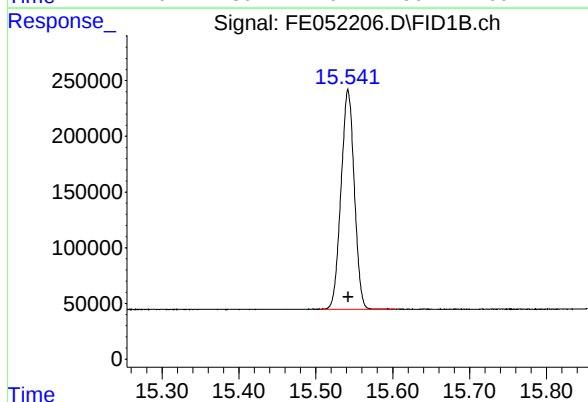
R.T.: 13.697 min
Delta R.T.: 0.000 min
Response: 2020549
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

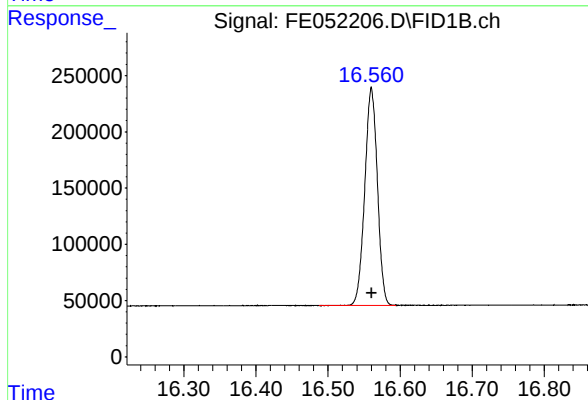
R.T.: 14.443 min
Delta R.T.: 0.000 min
Response: 2316758
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



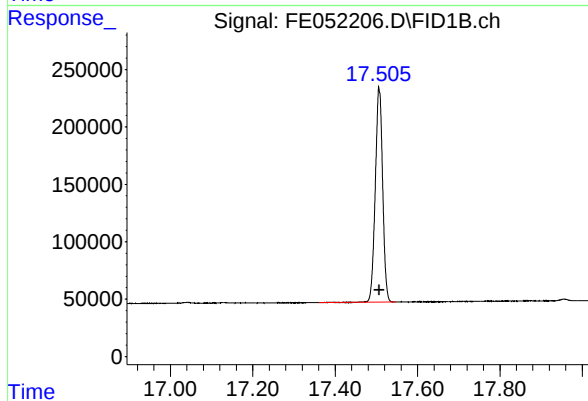
#14 n-Tetracosane (C24)

R.T.: 15.542 min
Delta R.T.: 0.000 min
Response: 2358406
Conc: 20.00 ug/ml



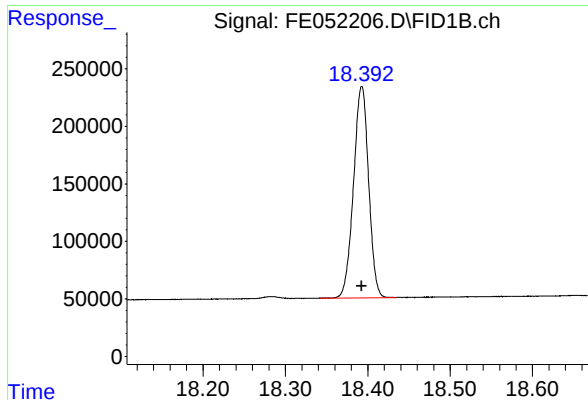
#15 n-Hexacosane (C26)

R.T.: 16.560 min
Delta R.T.: 0.000 min
Response: 2351140
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

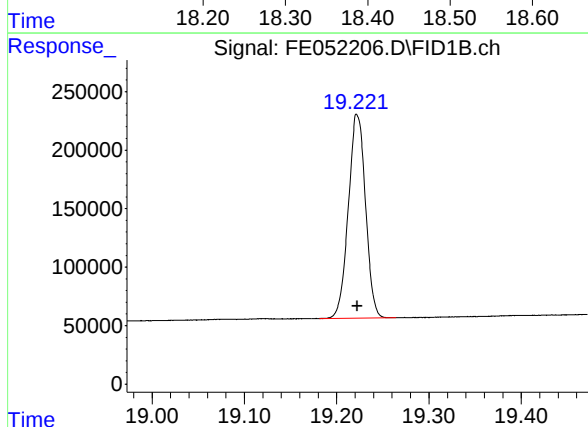
R.T.: 17.507 min
Delta R.T.: 0.000 min
Response: 2322220
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

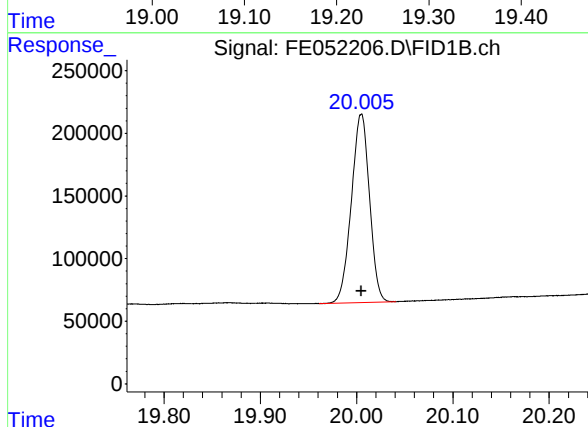
R.T.: 18.393 min
Delta R.T.: 0.000 min
Response: 2341724
Conc: 20.00 ug/ml

Instrument :
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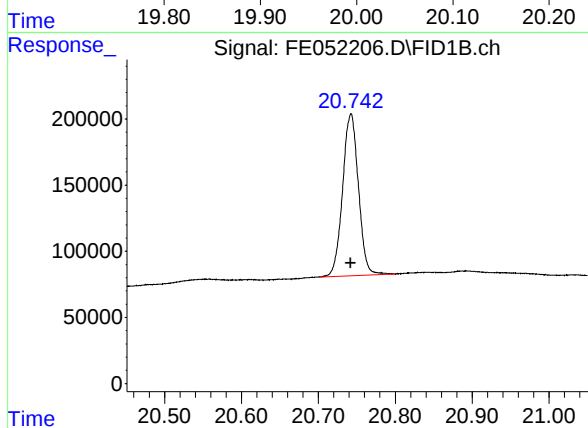
#18 n-Dotriacontane (C32)

R.T.: 19.223 min
Delta R.T.: 0.000 min
Response: 2251455
Conc: 20.00 ug/ml



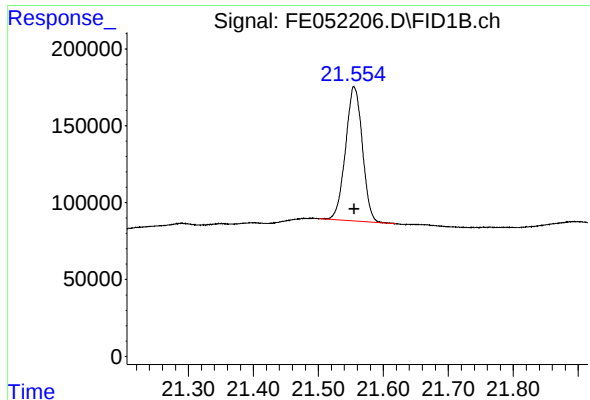
#19 n-Tetratriacontane (C34)

R.T.: 20.005 min
Delta R.T.: 0.000 min
Response: 1973116
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

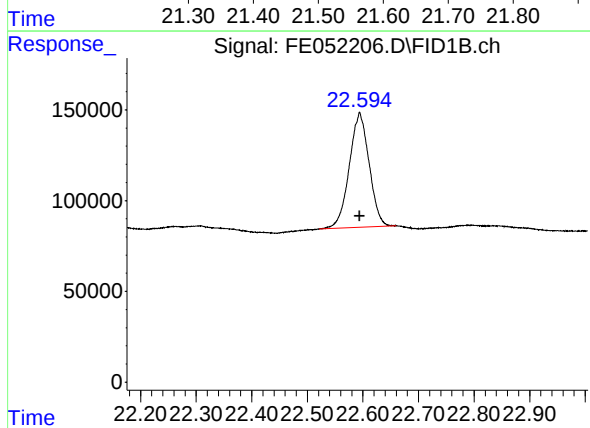
R.T.: 20.742 min
Delta R.T.: 0.000 min
Response: 1746459
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.555 min
Delta R.T.: 0.000 min
Response: 1567789
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.594 min
Delta R.T.: 0.000 min
Response: 1563988
Conc: 20.00 ug/ml