

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040425AL\
 Data File : FE053189.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2025 12:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 04 23:53:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.891	3017672	18.527 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
12) S 1-chlorooctadecane (S...	13.335	2237456	18.639 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
Target Compounds			
1) T n-Nonane (C9)	3.237	2813618	18.171 ug/ml
2) T n-Decane (C10)	4.498	2910526	18.555 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3114148	18.538 ug/ml
4) T n-Dodecane (C12)	6.678	2914219	18.633 ug/ml
5) T A~2-methylnaphthalene...	7.312	2975186	18.646 ug/ml
6) T n-Tetradecane (C14)	8.514	2879070	18.803 ug/ml
7) T n-Hexadecane (C16)	10.128	2941123	19.080 ug/ml
8) T n-Octadecane (C18)	11.576	2904769	19.152 ug/ml
10) T n-Eicosane (C20)	12.889	2717923	19.063 ug/ml
11) T n-Heneicosane (C21)	13.503	2630021	18.952 ug/ml
13) T n-Docosane (C22)	14.091	2595231	18.949 ug/ml
14) T n-Tetracosane (C24)	15.197	2580390	19.106 ug/ml
15) T n-Hexacosane (C26)	16.221	2555528	19.156 ug/ml
16) T n-Octacosane (C28)	17.172	2592938	19.648 ug/ml
17) T n-Tricontane (C30)	18.062	2764438	20.396 ug/ml
18) T n-Dotriacontane (C32)	18.896	2791682	20.746 ug/ml
19) T n-Tetratriacontane (C34)	19.681	2534703	19.589 ug/ml
20) T n-Hexatriacontane (C36)	20.422	2272700	19.132 ug/ml
21) T n-Octatriacontane (C38)	21.159	2265997	19.715 ug/ml
22) T n-Tetracontane (C40)	22.071	2157852	19.213 ug/ml

(f)=RT Delta > 1/2 Window

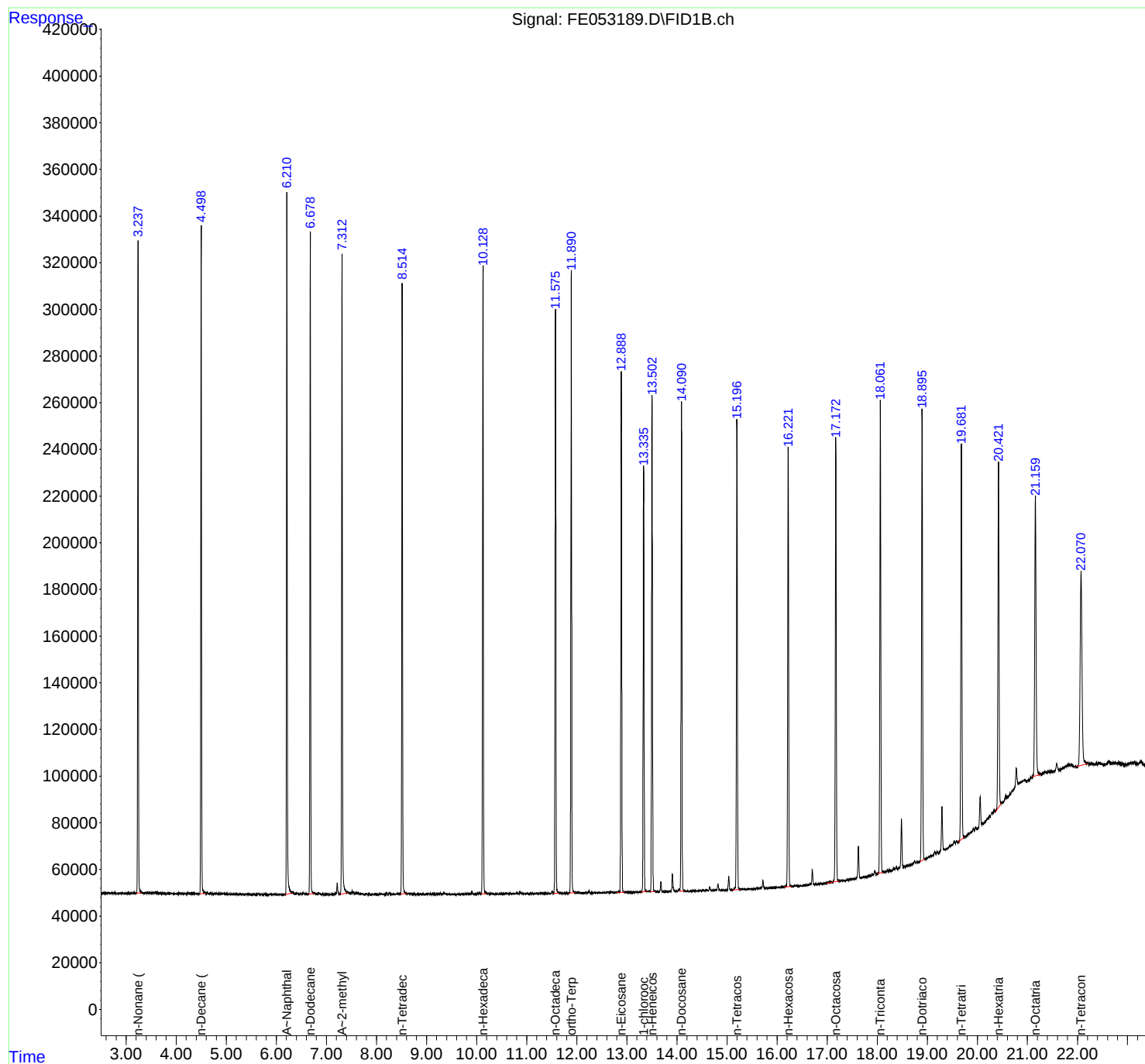
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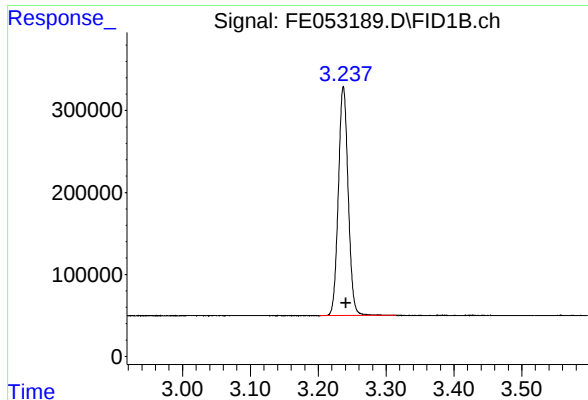
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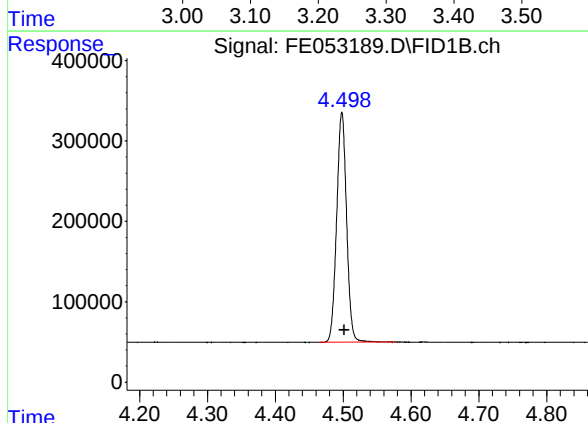




#1 n-Nonane (C9)

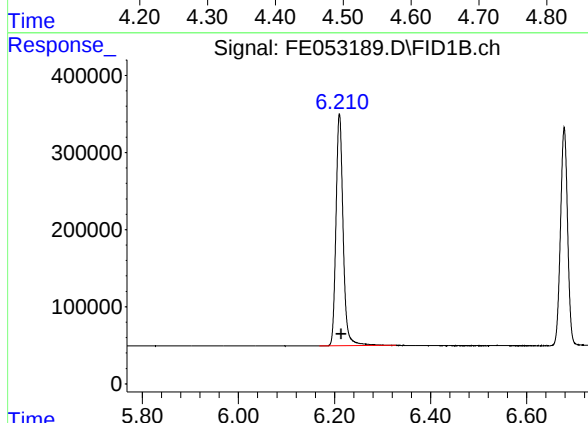
R.T.: 3.237 min
Delta R.T.: -0.004 min
Response: 2813618
Conc: 18.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



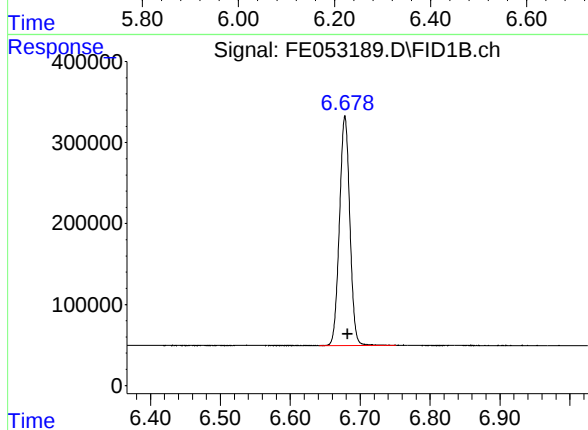
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.004 min
Response: 2910526
Conc: 18.56 ug/ml



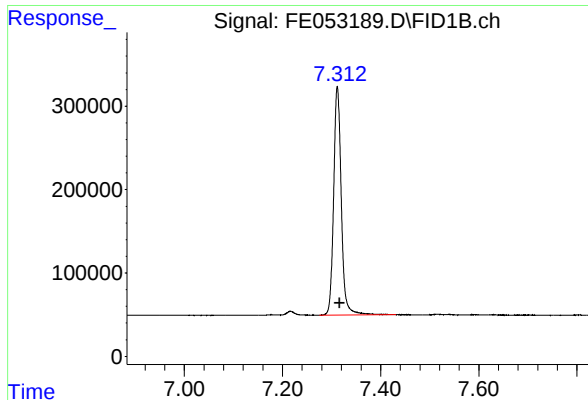
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 3114148
Conc: 18.54 ug/ml



#4 n-Dodecane (C12)

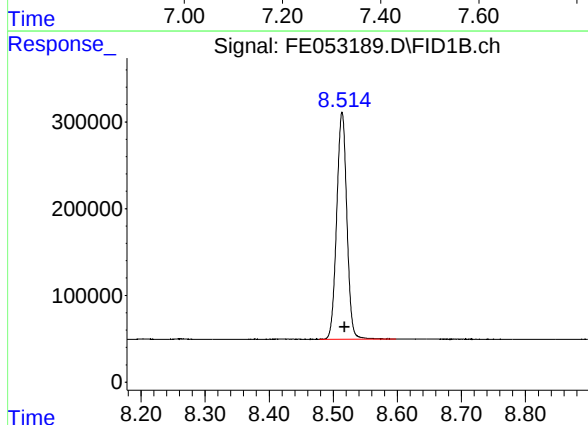
R.T.: 6.678 min
Delta R.T.: -0.004 min
Response: 2914219
Conc: 18.63 ug/ml



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

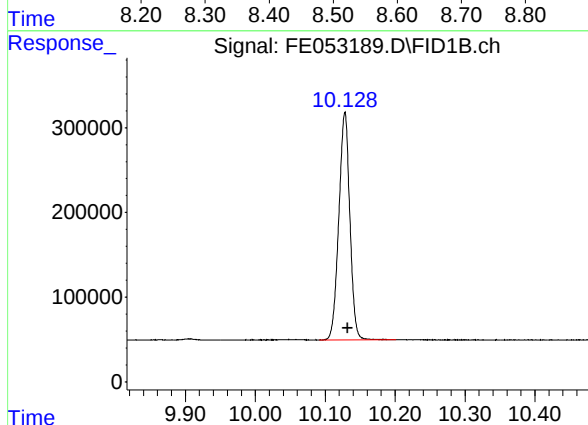
R.T.: 7.312 min
Delta R.T.: -0.004 min
Response: 2975186
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



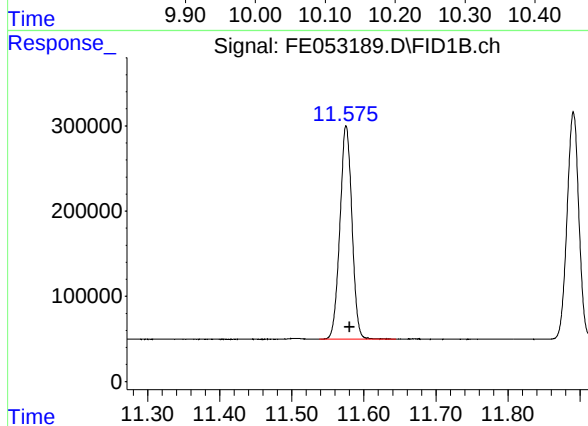
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 2879070
Conc: 18.80 ug/ml



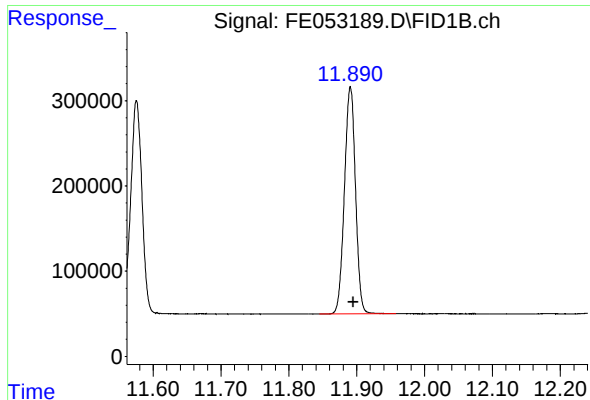
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.004 min
Response: 2941123
Conc: 19.08 ug/ml



#8 n-Octadecane (C18)

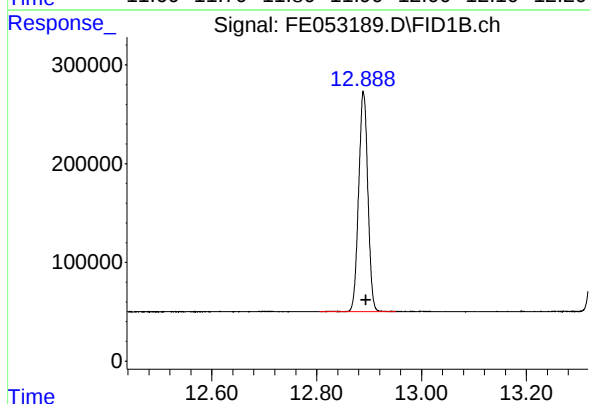
R.T.: 11.576 min
Delta R.T.: -0.005 min
Response: 2904769
Conc: 19.15 ug/ml



#9 ortho-Terphenyl (SURR)

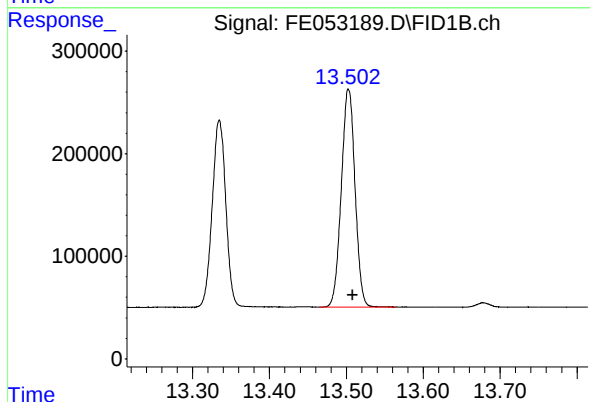
R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 3017672
Conc: 18.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



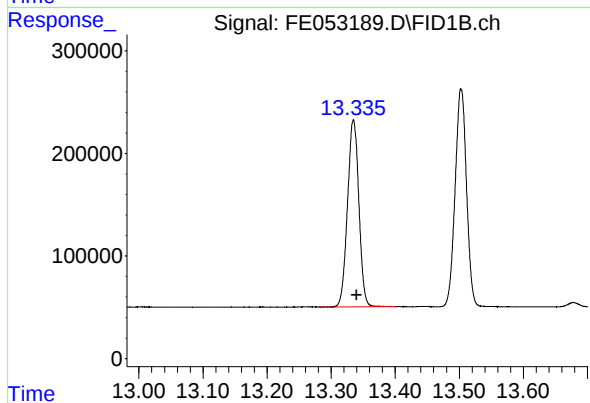
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: -0.005 min
Response: 2717923
Conc: 19.06 ug/ml



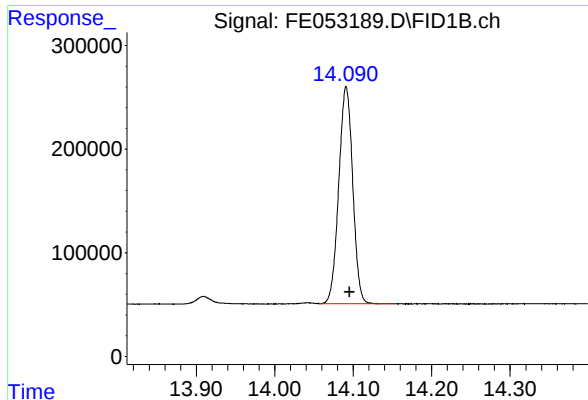
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.005 min
Response: 2630021
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

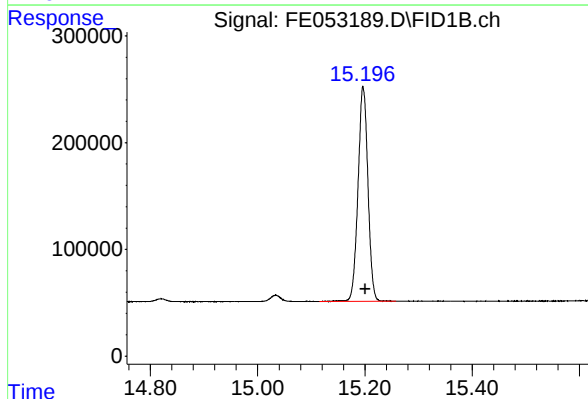
R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 2237456
Conc: 18.64 ug/ml



#13 n-Docosane (C22)

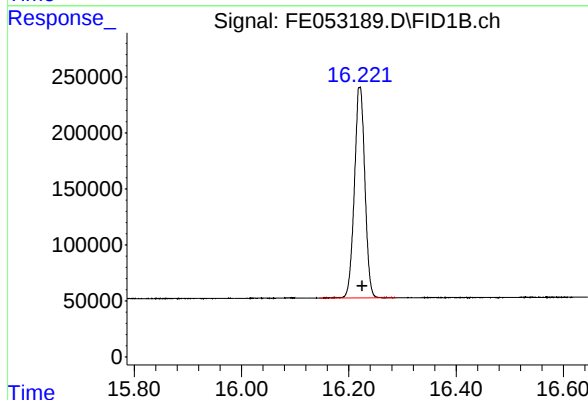
R.T.: 14.091 min
Delta R.T.: -0.005 min
Response: 2595231
Conc: 18.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



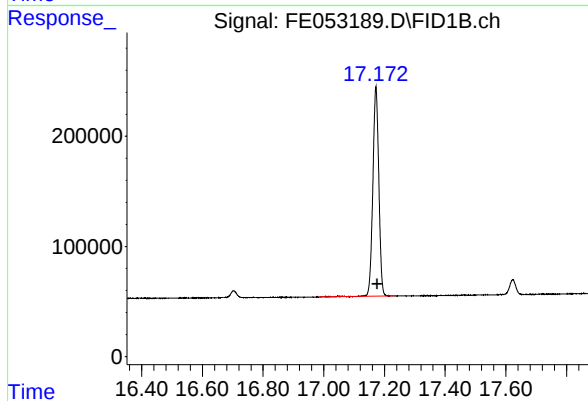
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.004 min
Response: 2580390
Conc: 19.11 ug/ml



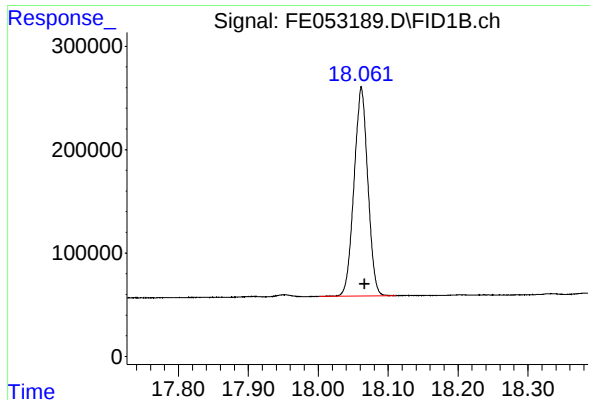
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: -0.005 min
Response: 2555528
Conc: 19.16 ug/ml



#16 n-Octacosane (C28)

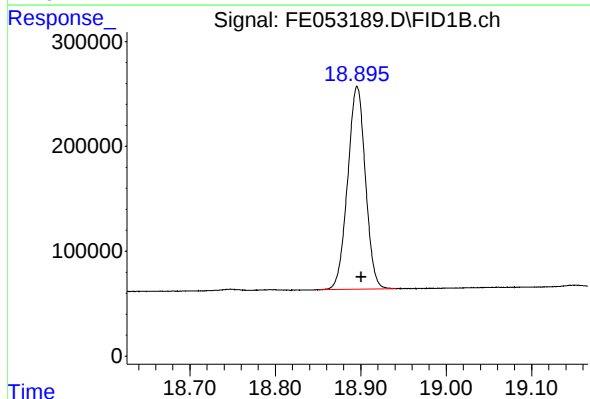
R.T.: 17.172 min
Delta R.T.: -0.005 min
Response: 2592938
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

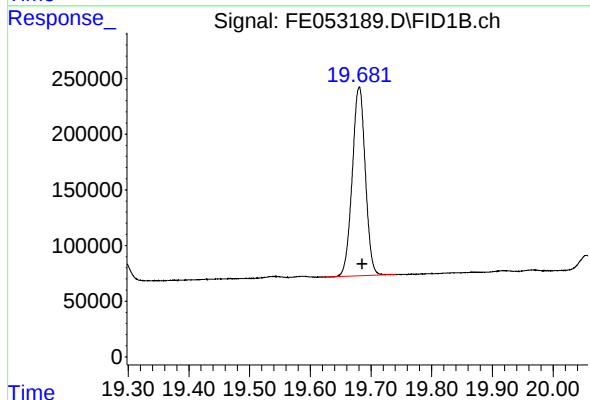
R.T.: 18.062 min
Delta R.T.: -0.005 min
Response: 2764438
Conc: 20.40 ug/ml

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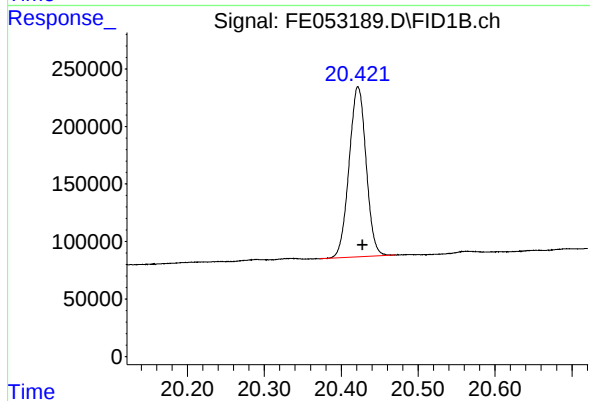
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.005 min
Response: 2791682
Conc: 20.75 ug/ml



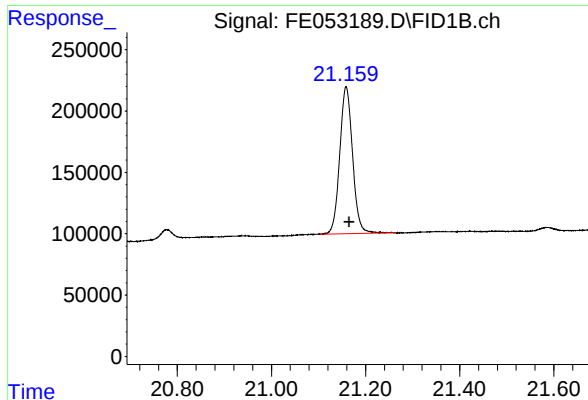
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.005 min
Response: 2534703
Conc: 19.59 ug/ml



#20 n-Hexatriacontane (C36)

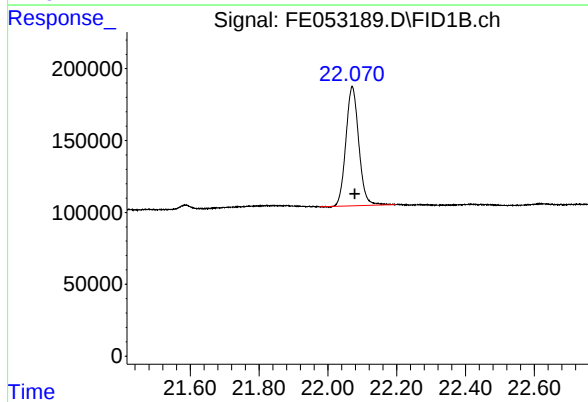
R.T.: 20.422 min
Delta R.T.: -0.006 min
Response: 2272700
Conc: 19.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.006 min
Response: 2265997
Conc: 19.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.071 min
Delta R.T.: -0.007 min
Response: 2157852
Conc: 19.21 ug/ml