

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
 Data File : FE043770.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2023 10:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 08 01:36:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.942	3791610	18.399 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
12) S 1-chlorooctadecane (S...	13.380	2844906	18.231 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
Target Compounds			
1) T n-Nonane (C9)	3.330	3077936	19.060 ug/ml
2) T n-Decane (C10)	4.580	3140137	19.053 ug/ml
3) T A~Naphthalene (C11.7)	6.280	3465387	19.033 ug/ml
4) T n-Dodecane (C12)	6.744	3190338	19.062 ug/ml
5) T A~2-methylnaphthalene...	7.375	3378285	18.976 ug/ml
6) T n-Tetradecane (C14)	8.571	3202878	19.010 ug/ml
7) T n-Hexadecane (C16)	10.180	3332947	18.894 ug/ml
8) T n-Octadecane (C18)	11.625	3393304	18.732 ug/ml
10) T n-Eicosane (C20)	12.935	3278973	18.529 ug/ml
11) T n-Heneicosane (C21)	13.548	3231380	18.250 ug/ml
13) T n-Docosane (C22)	14.134	3207031	18.284 ug/ml
14) T n-Tetracosane (C24)	15.239	3164012	18.008 ug/ml
15) T n-Hexacosane (C26)	16.260	3057432	17.690 ug/ml
16) T n-Octacosane (C28)	17.212	2909210	17.387 ug/ml
17) T n-Tricontane (C30)	18.101	2858813	17.260 ug/ml
18) T n-Dotriacontane (C32)	18.935	2733809	17.314 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2613049	17.585 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2533210	18.123 ug/ml
21) T n-Octatriacontane (C38)	21.207	2414757	18.101 ug/ml
22) T n-Tetracontane (C40)	22.130	2638910	20.452 ug/ml

(f)=RT Delta > 1/2 Window

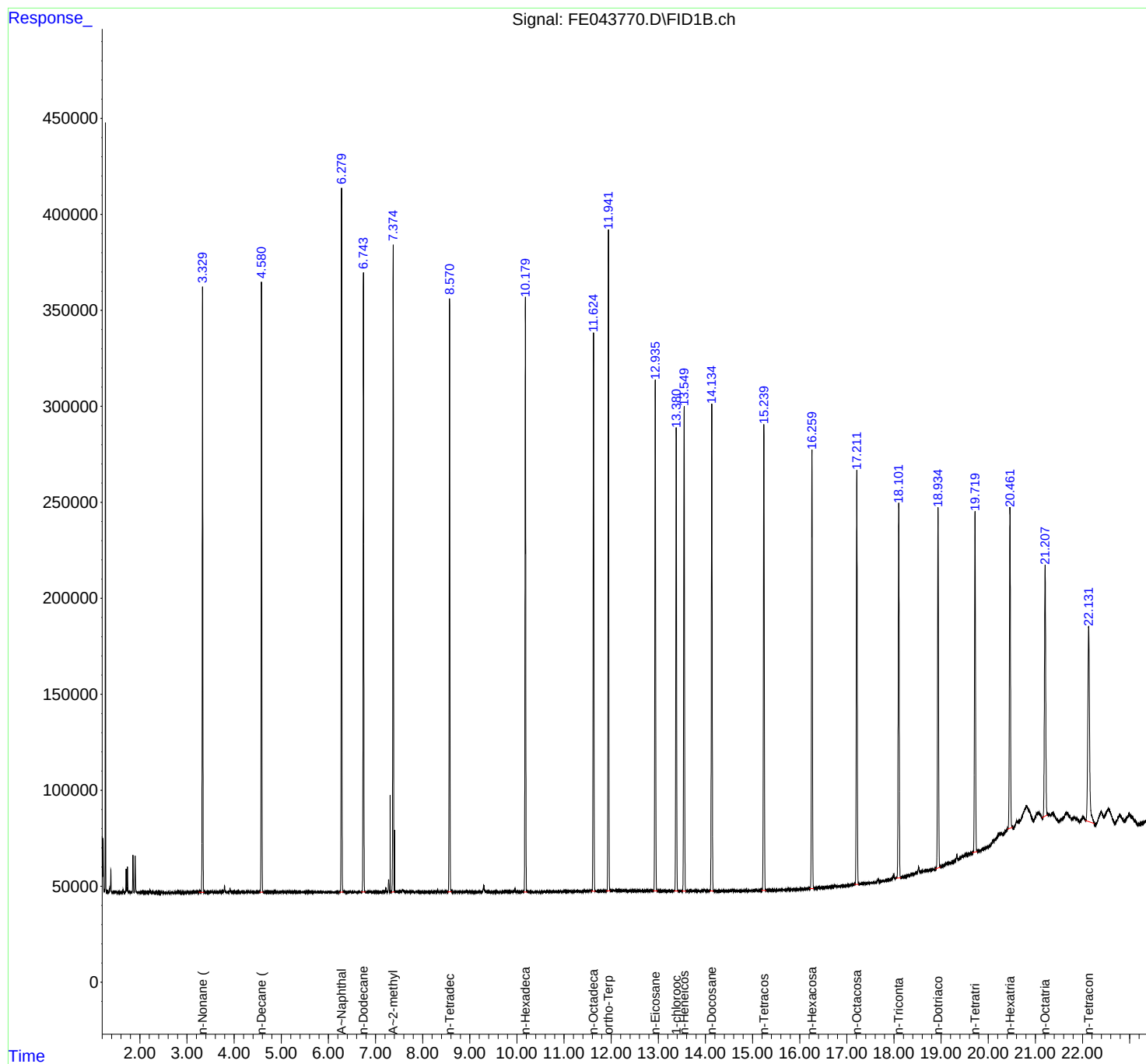
(m)=manual int.

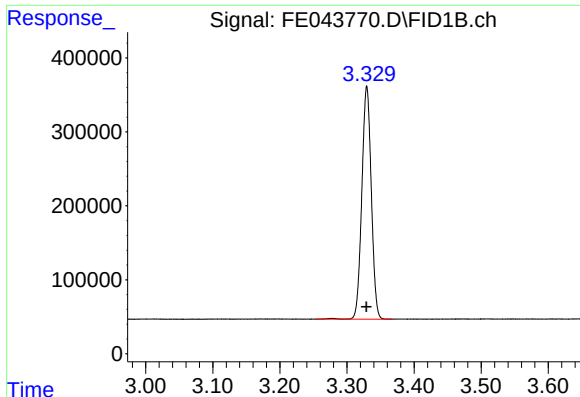
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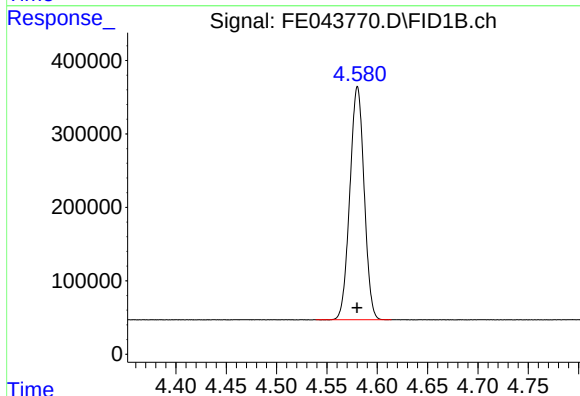




#1 n-Nonane (C9)

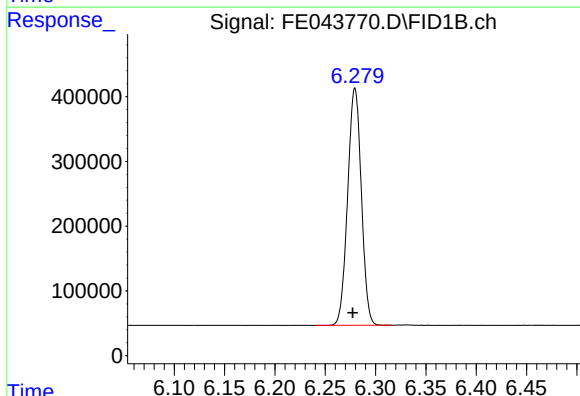
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 3077936
Conc: 19.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



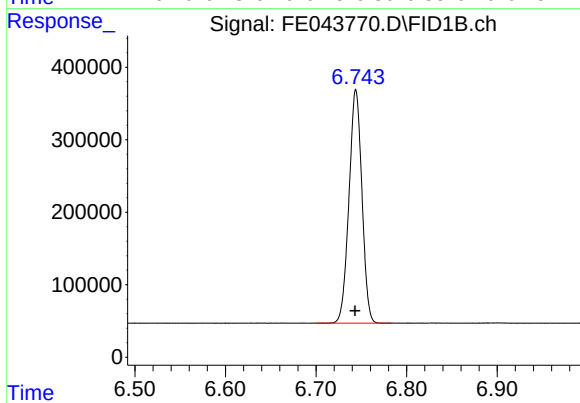
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 3140137
Conc: 19.05 ug/ml



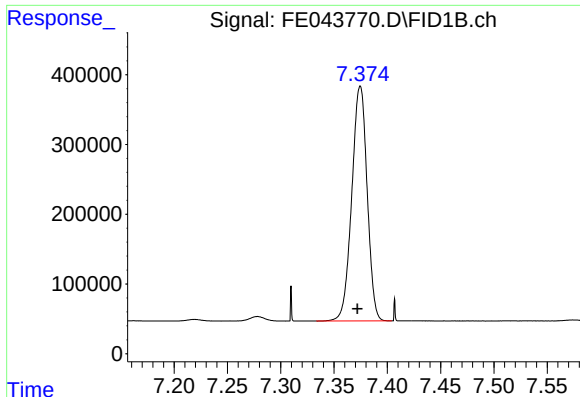
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: 0.002 min
Response: 3465387
Conc: 19.03 ug/ml



#4 n-Dodecane (C12)

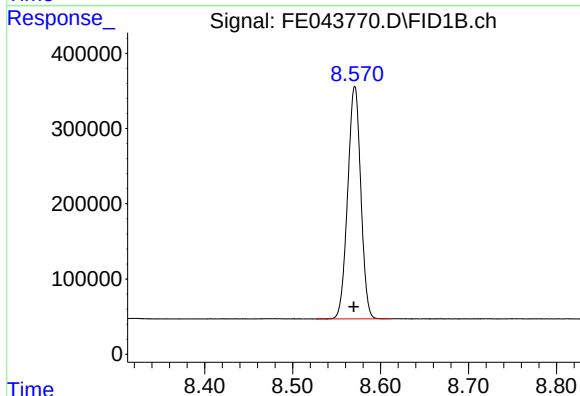
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3190338
Conc: 19.06 ug/ml



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

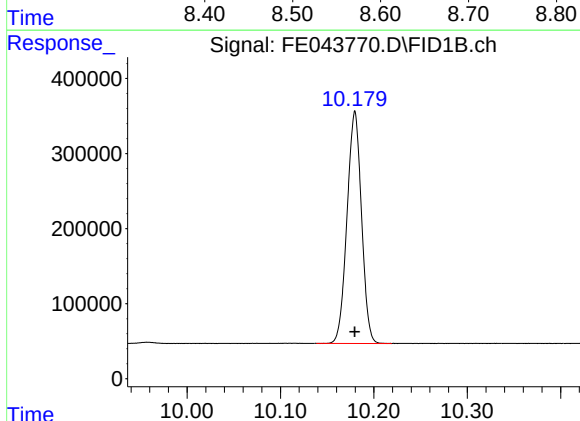
R.T.: 7.375 min
Delta R.T.: 0.003 min
Response: 3378285
Conc: 18.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



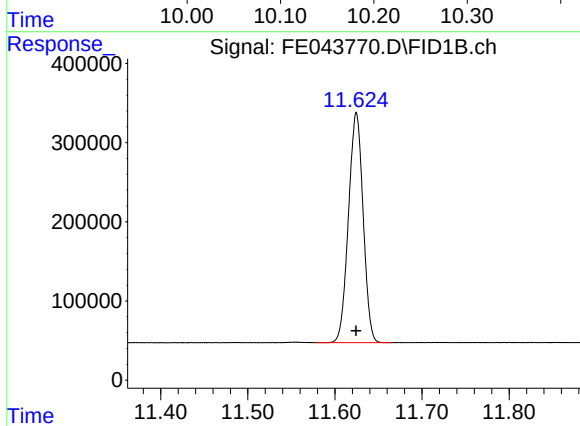
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: 0.001 min
Response: 3202878
Conc: 19.01 ug/ml



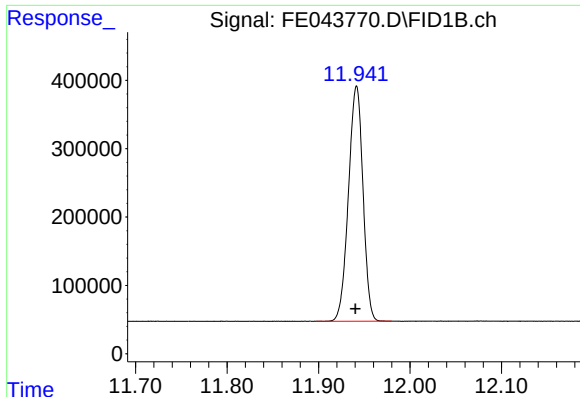
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.000 min
Response: 3332947
Conc: 18.89 ug/ml



#8 n-Octadecane (C18)

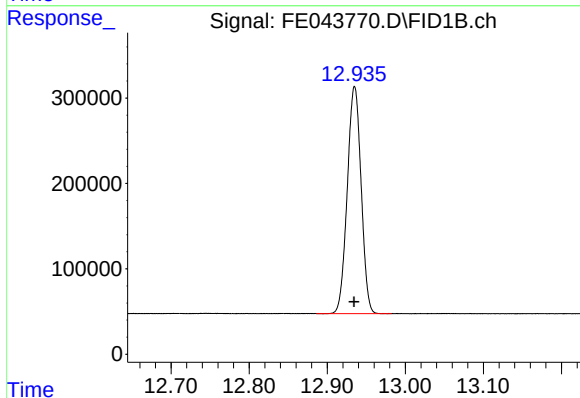
R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 3393304
Conc: 18.73 ug/ml



#9 ortho-Terphenyl (SURR)

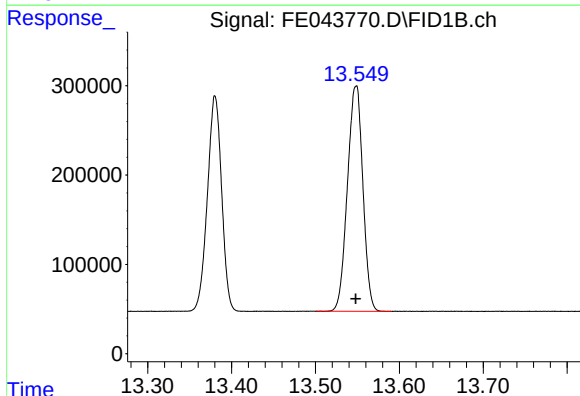
R.T.: 11.942 min
Delta R.T.: 0.001 min
Response: 3791610
Conc: 18.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



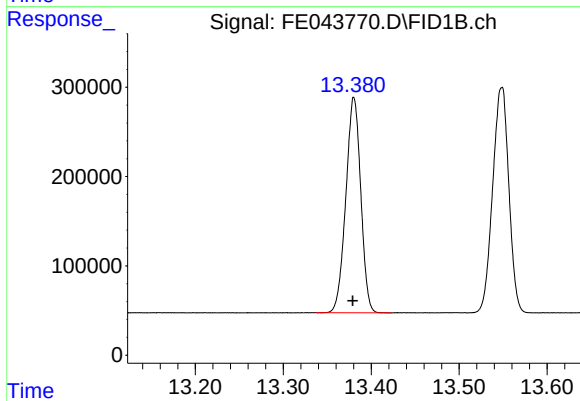
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: 0.000 min
Response: 3278973
Conc: 18.53 ug/ml



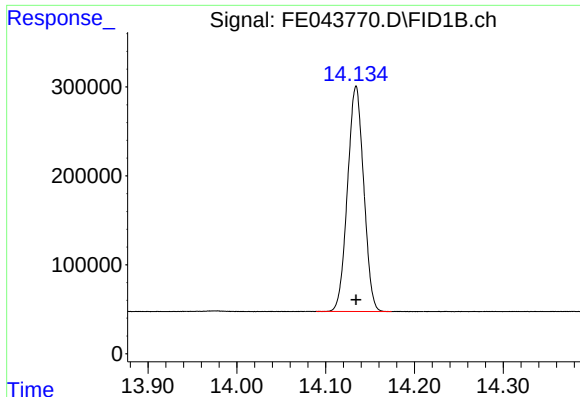
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: 0.000 min
Response: 3231380
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

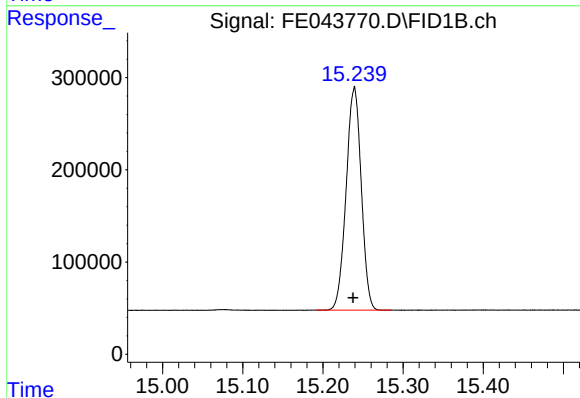
R.T.: 13.380 min
Delta R.T.: 0.001 min
Response: 2844906
Conc: 18.23 ug/ml



#13 n-Docosane (C22)

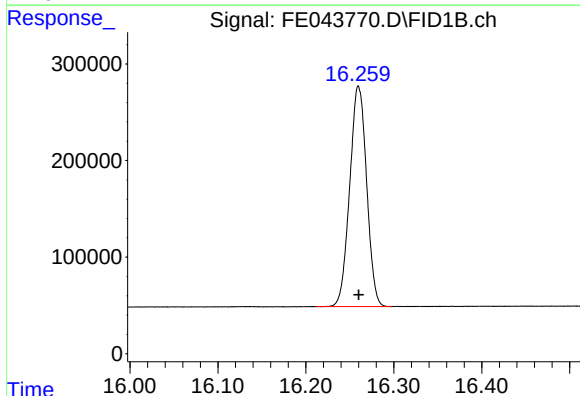
R.T.: 14.134 min
Delta R.T.: 0.000 min
Response: 3207031
Conc: 18.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



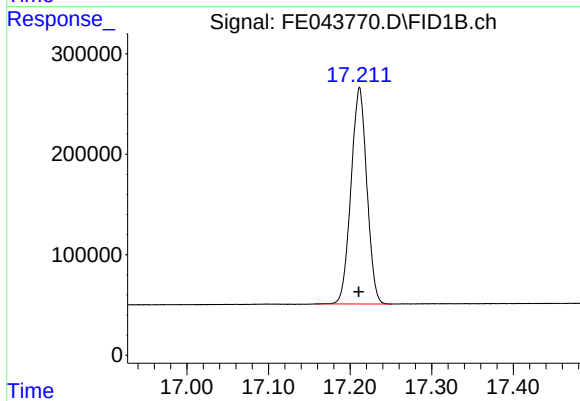
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: 0.001 min
Response: 3164012
Conc: 18.01 ug/ml



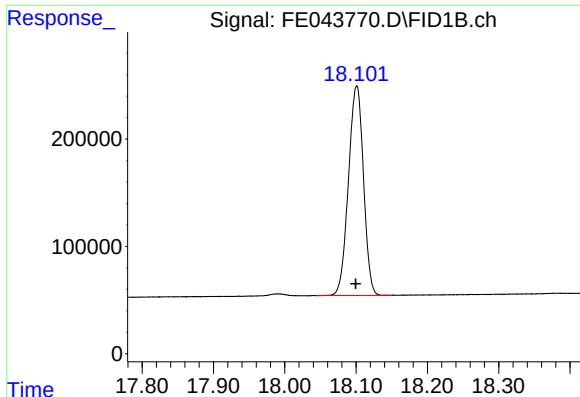
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 3057432
Conc: 17.69 ug/ml



#16 n-Octacosane (C28)

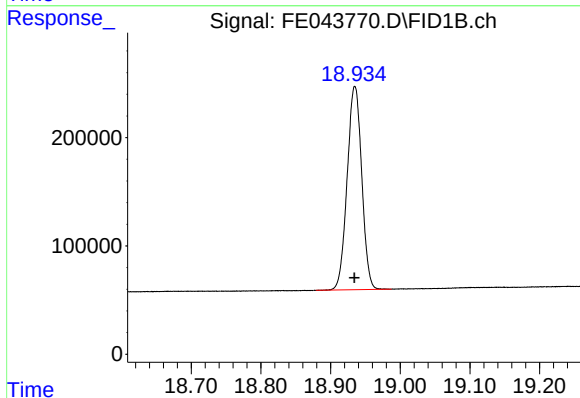
R.T.: 17.212 min
Delta R.T.: 0.000 min
Response: 2909210
Conc: 17.39 ug/ml



#17 n-Tricontane (C30)

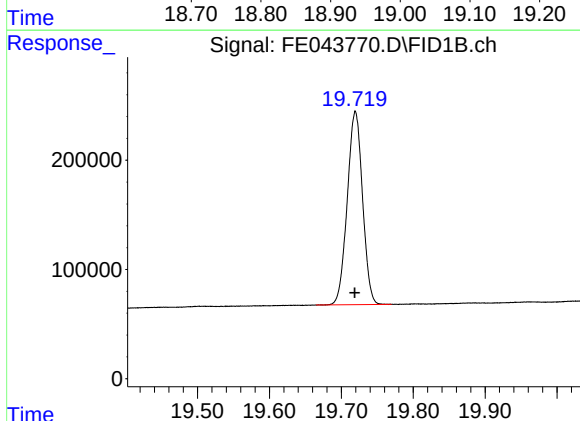
R.T.: 18.101 min
Delta R.T.: 0.001 min
Response: 2858813
Conc: 17.26 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



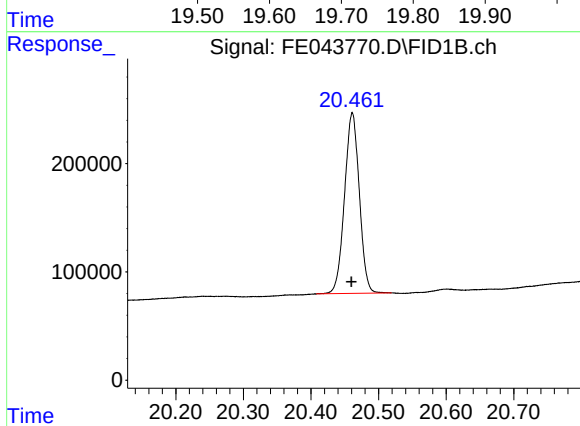
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: 0.000 min
Response: 2733809
Conc: 17.31 ug/ml



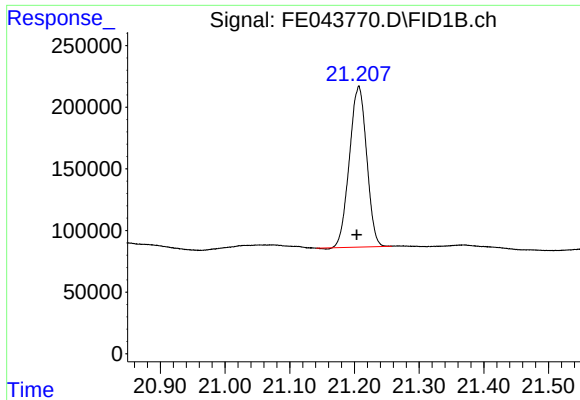
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.000 min
Response: 2613049
Conc: 17.58 ug/ml



#20 n-Hexatriacontane (C36)

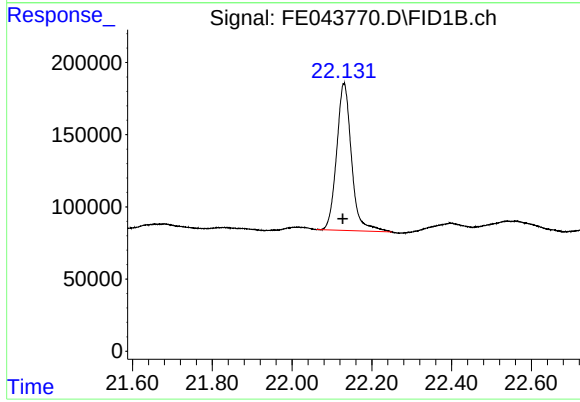
R.T.: 20.461 min
Delta R.T.: 0.001 min
Response: 2533210
Conc: 18.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.003 min
Response: 2414757
Conc: 18.10 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: 0.003 min
Response: 2638910
Conc: 20.45 ug/ml