

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072424AL\
 Data File : FE049226.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jul 2024 11:40
 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: Jul 25 01:24:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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)	11.907	2914106	18.788 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
12) S 1-chlorooctadecane (S...	13.343	2207042	18.890 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
Target Compounds			
1) T n-Nonane (C9)	3.298	2608996	17.348 ug/ml
2) T n-Decane (C10)	4.547	2810781	18.198 ug/ml
3) T A~Naphthalene (C11.7)	6.253	2819910	18.099 ug/ml
4) T n-Dodecane (C12)	6.713	2809906	18.249 ug/ml
5) T A~2-methylnaphthalene...	7.348	2648089	18.196 ug/ml
6) T n-Tetradecane (C14)	8.540	2771674	18.262 ug/ml
7) T n-Hexadecane (C16)	10.147	2832568	18.678 ug/ml
8) T n-Octadecane (C18)	11.589	2846758	18.749 ug/ml
10) T n-Eicosane (C20)	12.898	2717538	18.793 ug/ml
11) T n-Heneicosane (C21)	13.509	2662078	18.772 ug/ml
13) T n-Docosane (C22)	14.094	2664456	18.965 ug/ml
14) T n-Tetracosane (C24)	15.197	2731209	19.488 ug/ml
15) T n-Hexacosane (C26)	16.216	2756281	19.657 ug/ml
16) T n-Octacosane (C28)	17.164	2885897	20.618 ug/ml
17) T n-Tricontane (C30)	18.052	3243987	22.239 ug/ml
18) T n-Dotriacontane (C32)	18.884	3376998	22.967 ug/ml
19) T n-Tetratriacontane (C34)	19.665	3205348	21.944 ug/ml
20) T n-Hexatriacontane (C36)	20.405	3084617	21.397 ug/ml
21) T n-Octatriacontane (C38)	21.137	3003396	20.064 ug/ml
22) T n-Tetracontane (C40)	22.039	2926680	19.394 ug/ml

(f)=RT Delta > 1/2 Window

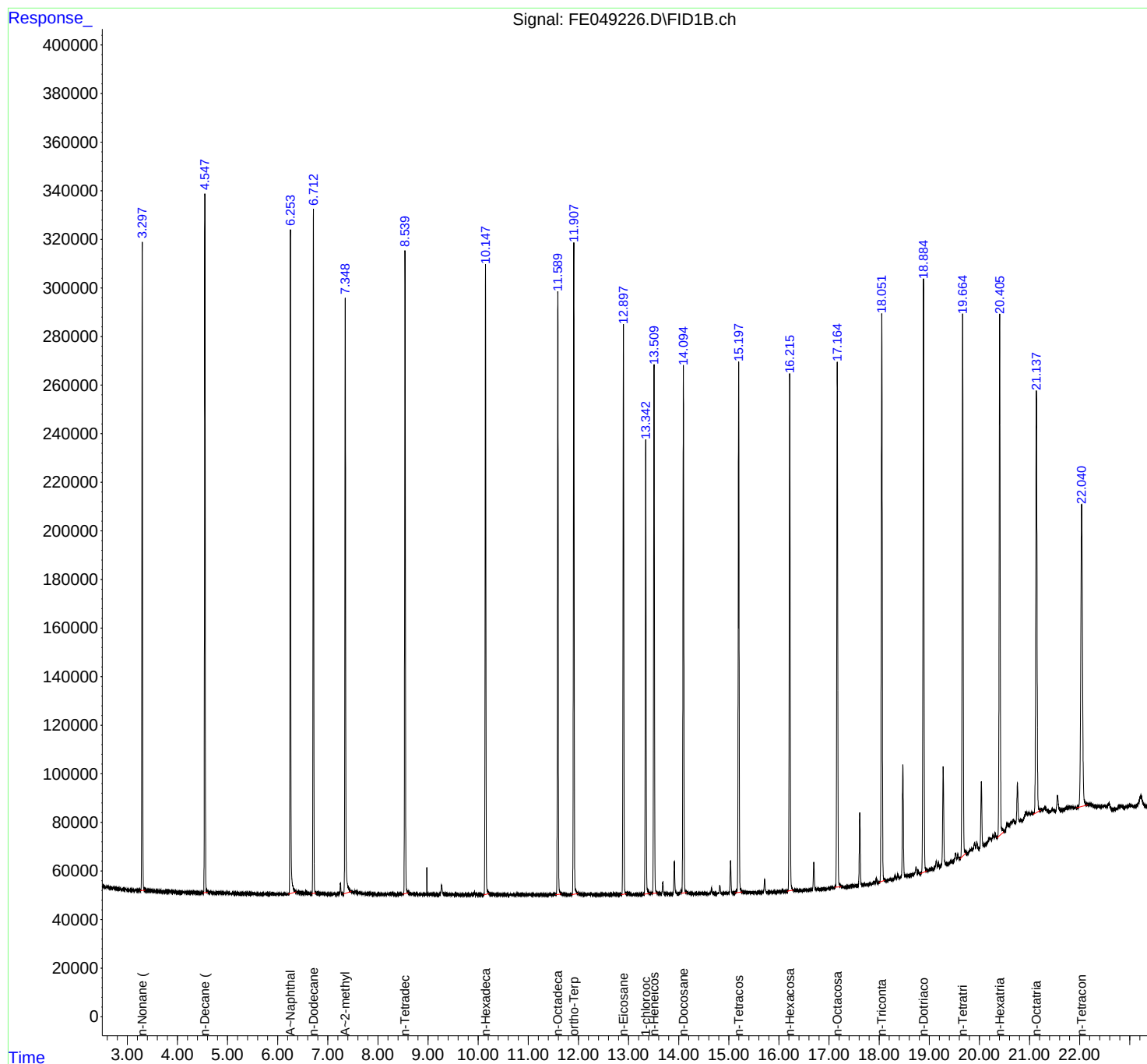
(m)=manual int.

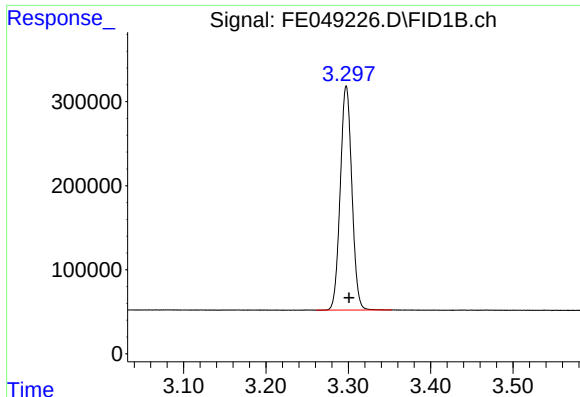
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072424AL\
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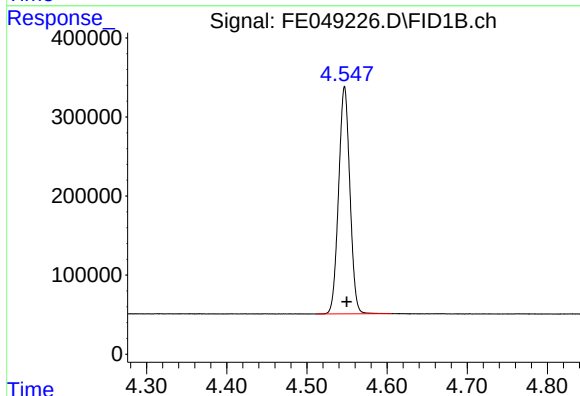




#1 n-Nonane (C9)

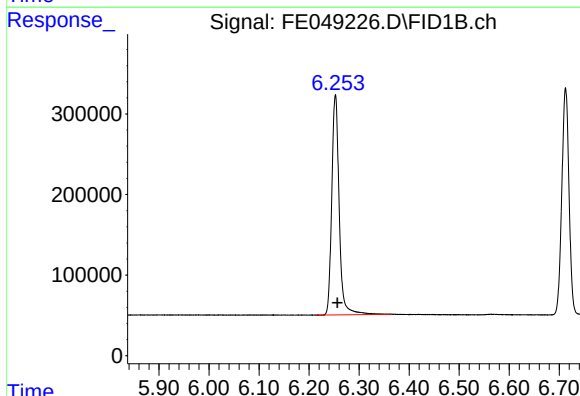
R.T.: 3.298 min
Delta R.T.: -0.003 min
Response: 2608996
Conc: 17.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



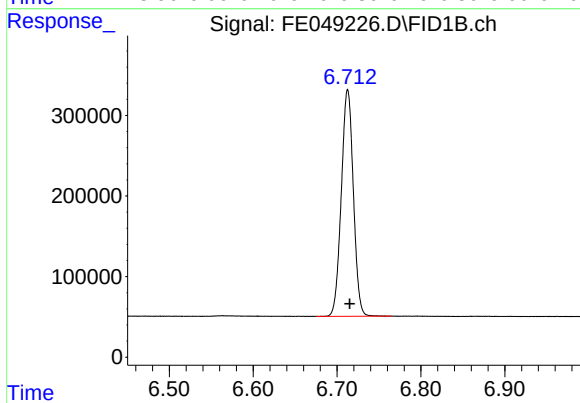
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 2810781
Conc: 18.20 ug/ml



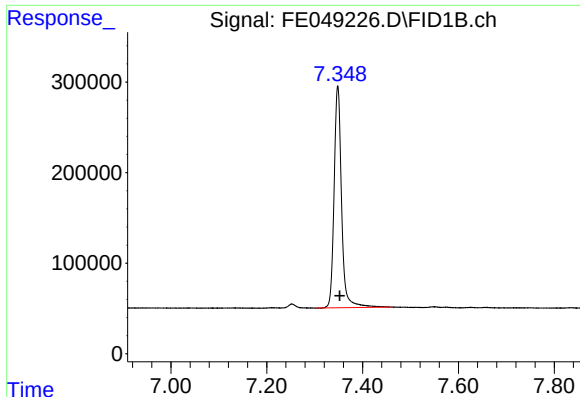
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 2819910
Conc: 18.10 ug/ml



#4 n-Dodecane (C12)

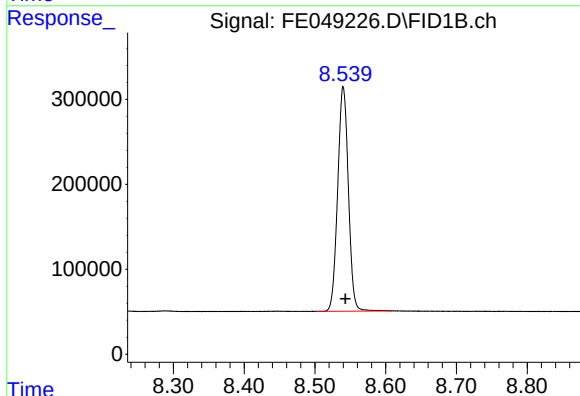
R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 2809906
Conc: 18.25 ug/ml



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

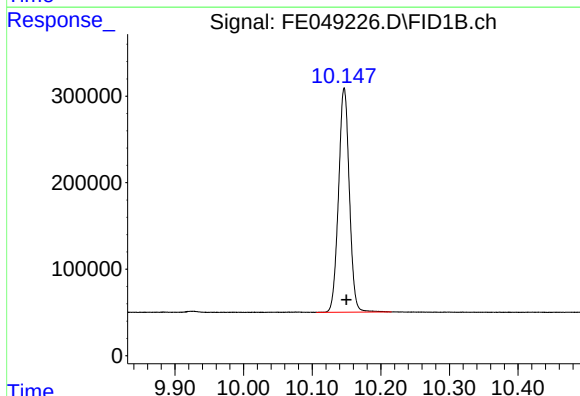
R.T.: 7.348 min
Delta R.T.: -0.004 min
Response: 2648089
Conc: 18.20 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



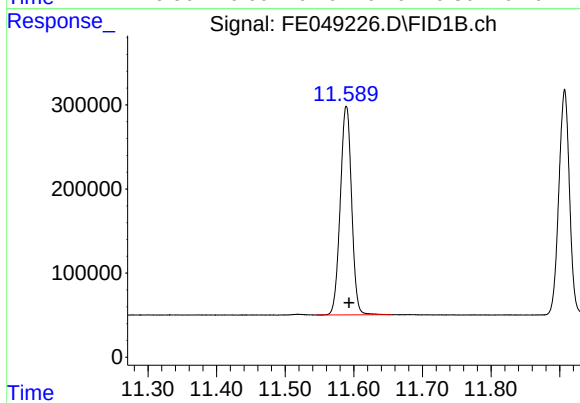
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.003 min
Response: 2771674
Conc: 18.26 ug/ml



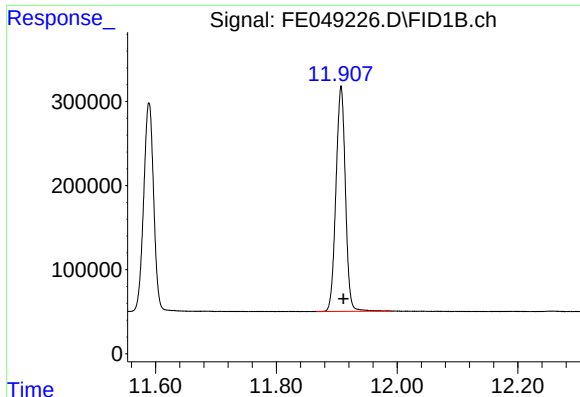
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.003 min
Response: 2832568
Conc: 18.68 ug/ml



#8 n-Octadecane (C18)

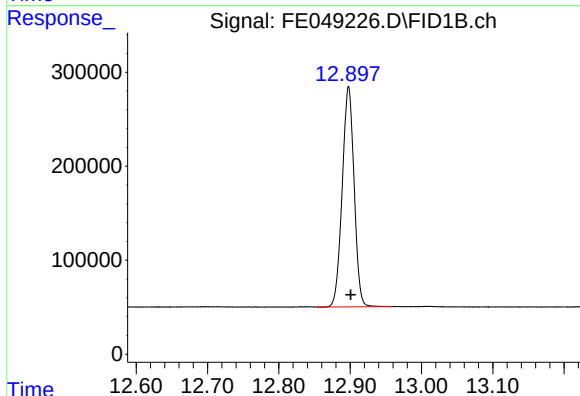
R.T.: 11.589 min
Delta R.T.: -0.004 min
Response: 2846758
Conc: 18.75 ug/ml



#9 ortho-Terphenyl (SURR)

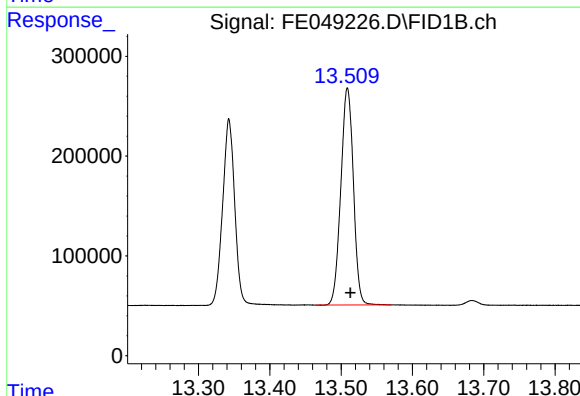
R.T.: 11.907 min
Delta R.T.: -0.003 min
Response: 2914106
Conc: 18.79 ug/ml

Instrument :
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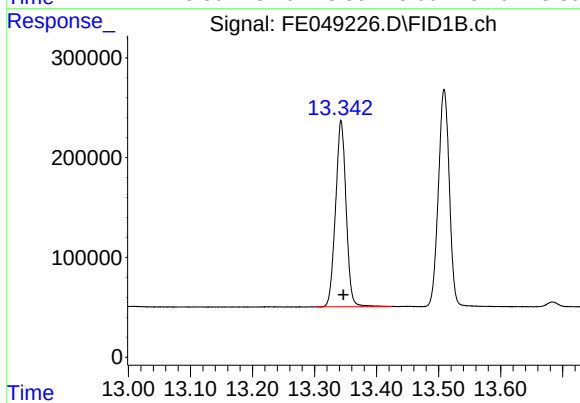
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.003 min
Response: 2717538
Conc: 18.79 ug/ml



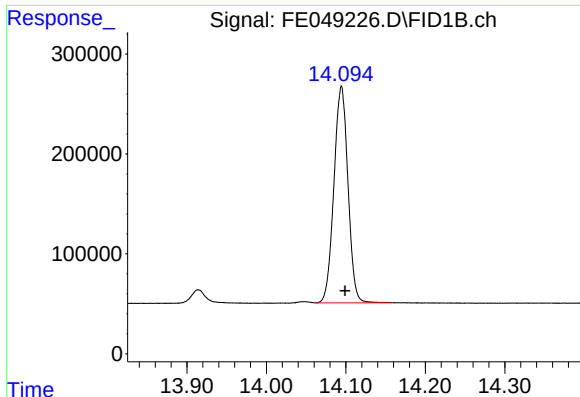
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 2662078
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

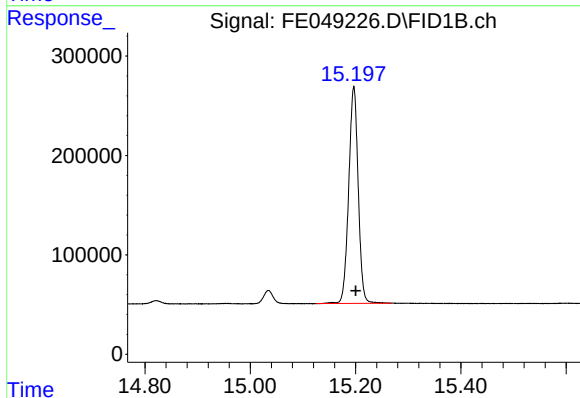
R.T.: 13.343 min
Delta R.T.: -0.004 min
Response: 2207042
Conc: 18.89 ug/ml



#13 n-Docosane (C22)

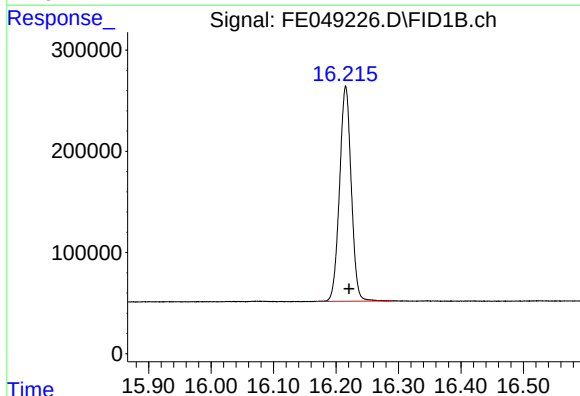
R.T.: 14.094 min
Delta R.T.: -0.005 min
Response: 2664456
Conc: 18.96 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



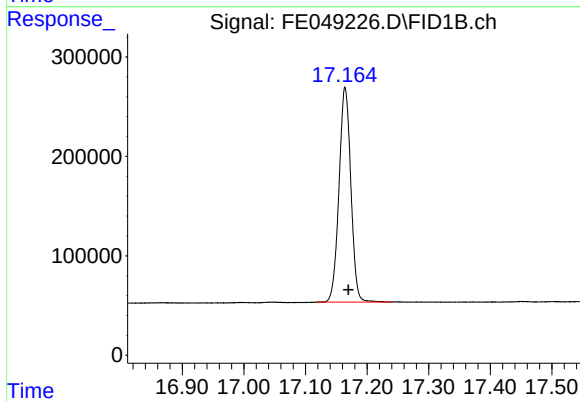
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.004 min
Response: 2731209
Conc: 19.49 ug/ml



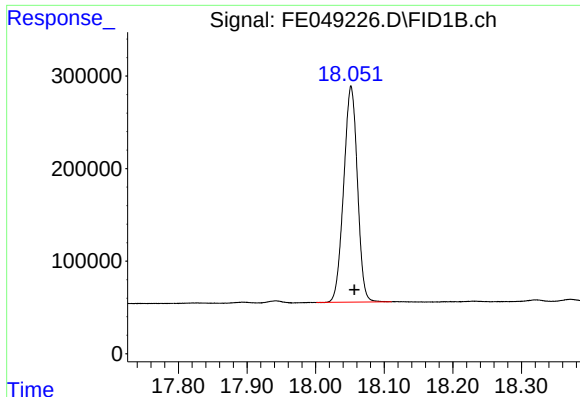
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: -0.005 min
Response: 2756281
Conc: 19.66 ug/ml



#16 n-Octacosane (C28)

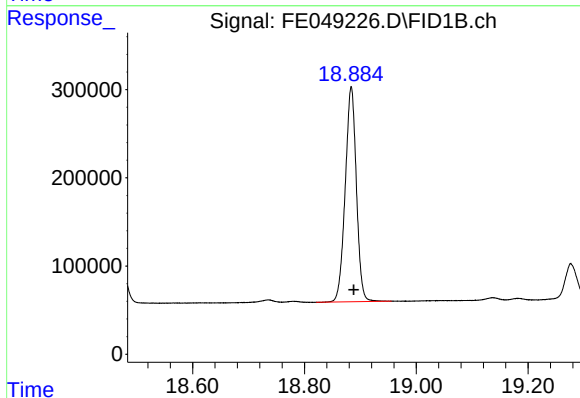
R.T.: 17.164 min
Delta R.T.: -0.006 min
Response: 2885897
Conc: 20.62 ug/ml



#17 n-Tricontane (C30)

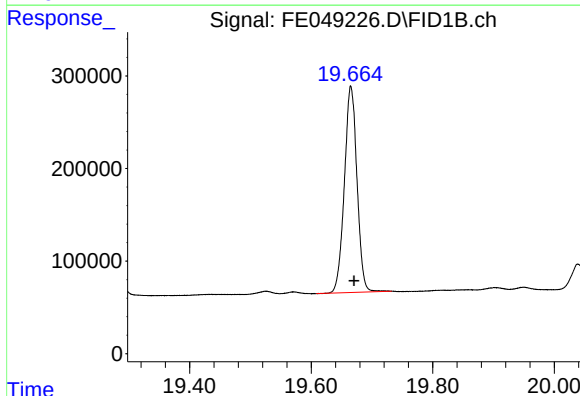
R.T.: 18.052 min
Delta R.T.: -0.005 min
Response: 3243987
Conc: 22.24 ug/ml

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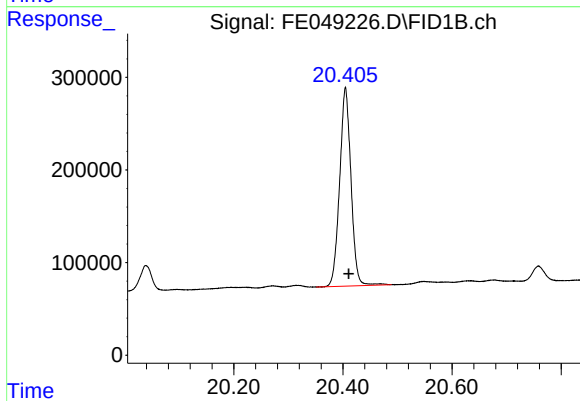
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: -0.004 min
Response: 3376998
Conc: 22.97 ug/ml



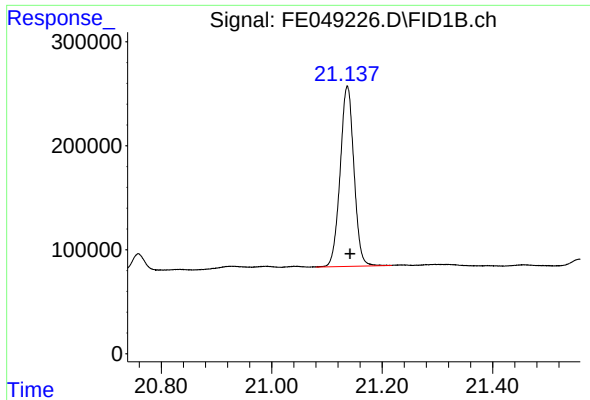
#19 n-Tetratriacontane (C34)

R.T.: 19.665 min
Delta R.T.: -0.006 min
Response: 3205348
Conc: 21.94 ug/ml



#20 n-Hexatriacontane (C36)

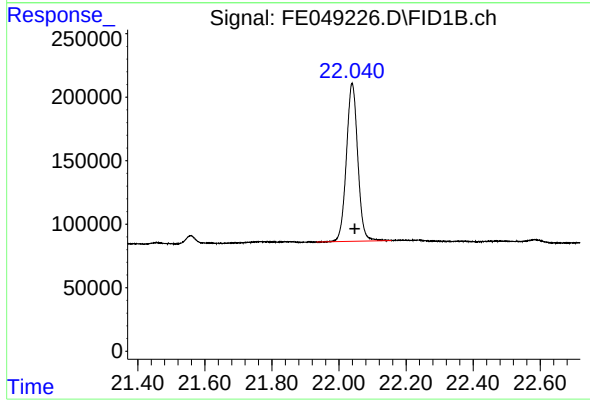
R.T.: 20.405 min
Delta R.T.: -0.006 min
Response: 3084617
Conc: 21.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.137 min
Delta R.T.: -0.005 min
Response: 3003396
Conc: 20.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: -0.008 min
Response: 2926680
Conc: 19.39 ug/ml