

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092425AL\
 Data File : FG016632.D
 Signal(s) : FID1A.ch
 Acq On : 24 Sep 2025 16:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 24 16:37:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 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)	12.057	2817681	19.755 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
12) S 1-chlorooctadecane (S...	13.502	2240344	19.848 ug/ml
Spiked Amount 50.000		Recovery =	39.70%
Target Compounds			
1) T n-Nonane (C9)	3.380	2232664	19.674 ug/ml
2) T n-Decane (C10)	4.640	2275953	19.679 ug/ml
3) T A~Naphthalene (C11.7)	6.358	2447786	19.853 ug/ml
4) T n-Dodecane (C12)	6.821	2310492	19.684 ug/ml
5) T A~2-methylnaphthalene...	7.461	2342091	20.247 ug/ml
6) T n-Tetradecane (C14)	8.661	2341137	19.955 ug/ml
7) T n-Hexadecane (C16)	10.280	2476808	19.990 ug/ml
8) T n-Octadecane (C18)	11.734	2588745	19.886 ug/ml
10) T n-Eicosane (C20)	13.052	2566701	19.855 ug/ml
11) T n-Heneicosane (C21)	13.669	2545416	19.822 ug/ml
13) T n-Docosane (C22)	14.259	2554929	19.814 ug/ml
14) T n-Tetracosane (C24)	15.371	2589279	19.853 ug/ml
15) T n-Hexacosane (C26)	16.398	2565593	19.875 ug/ml
16) T n-Octacosane (C28)	17.356	2535026	19.976 ug/ml
17) T n-Tricontane (C30)	18.248	2616805	20.451 ug/ml
18) T n-Dotriacontane (C32)	19.086	2540356	20.742 ug/ml
19) T n-Tetratriacontane (C34)	19.875	2237978	20.601 ug/ml
20) T n-Hexatriacontane (C36)	20.619	1831577	20.156 ug/ml
21) T n-Octatriacontane (C38)	21.398	1591995	19.548 ug/ml
22) T n-Tetracontane (C40)	22.393	1450457	18.803 ug/ml

(f)=RT Delta > 1/2 Window

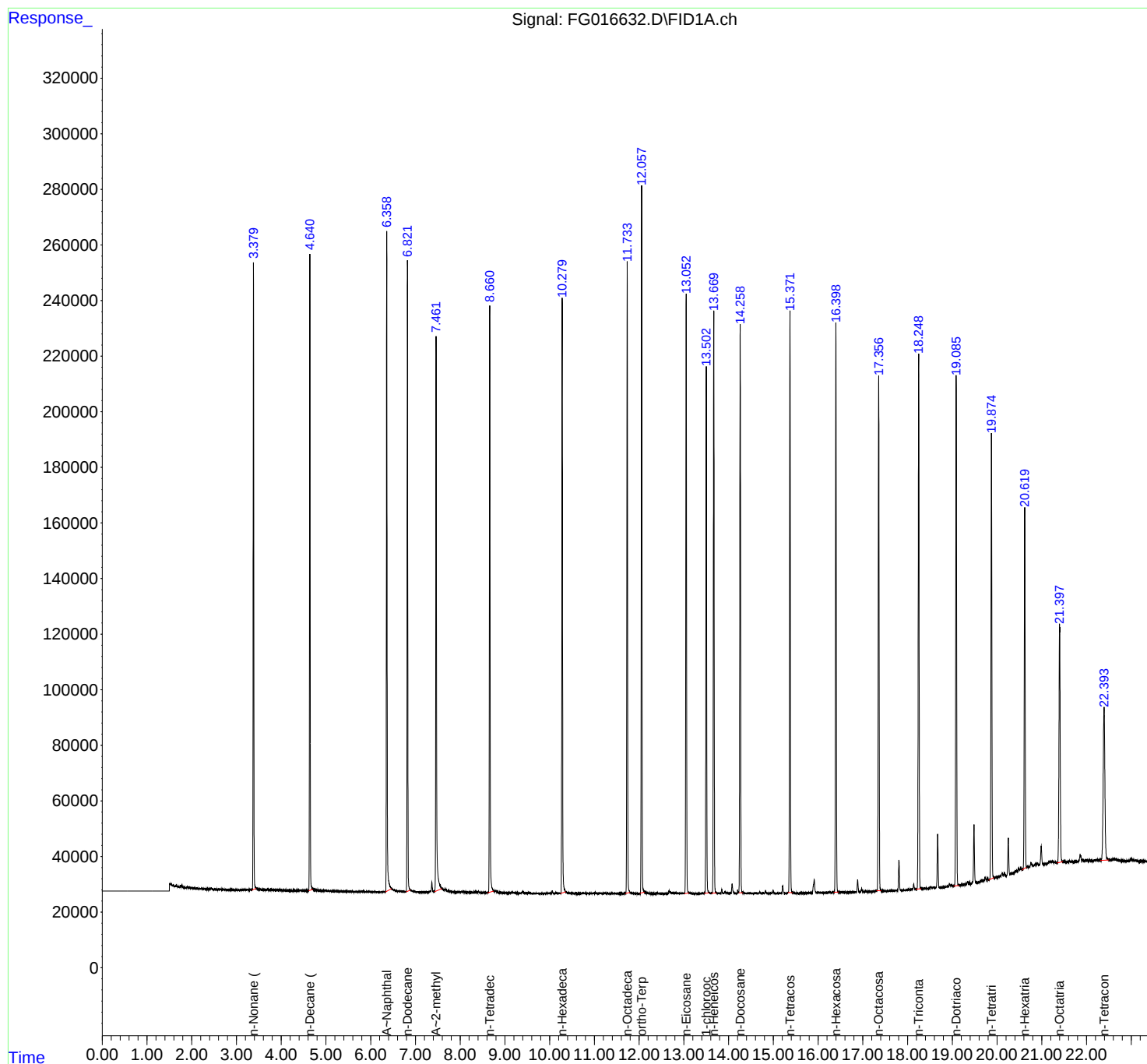
(m)=manual int.

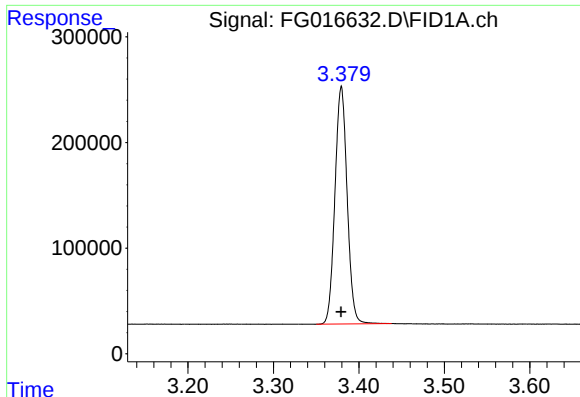
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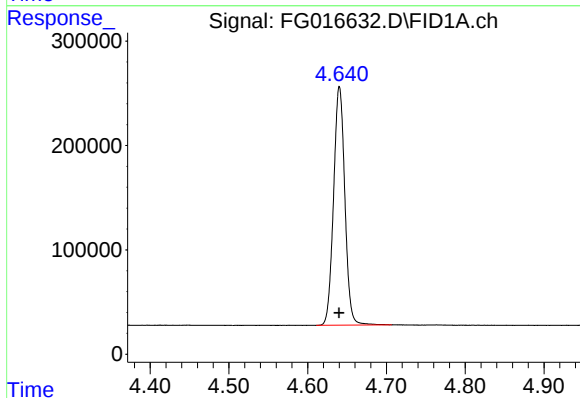




#1 n-Nonane (C9)

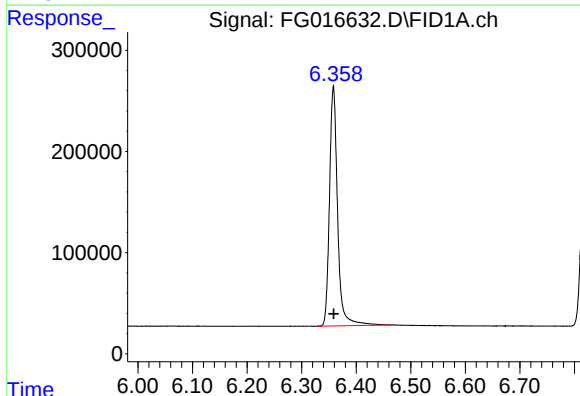
R.T.: 3.380 min
Delta R.T.: 0.000 min
Response: 2232664
Conc: 19.67 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD ICV



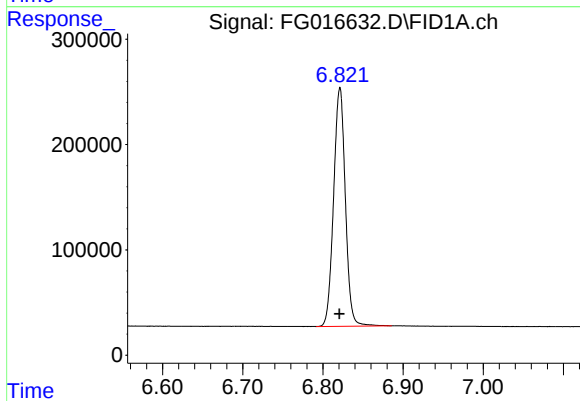
#2 n-Decane (C10)

R.T.: 4.640 min
Delta R.T.: 0.000 min
Response: 2275953
Conc: 19.68 ug/ml



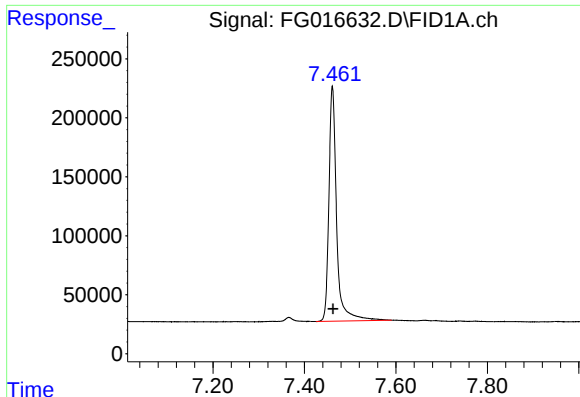
#3 A~Naphthalene (C11.7)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 2447786
Conc: 19.85 ug/ml



#4 n-Dodecane (C12)

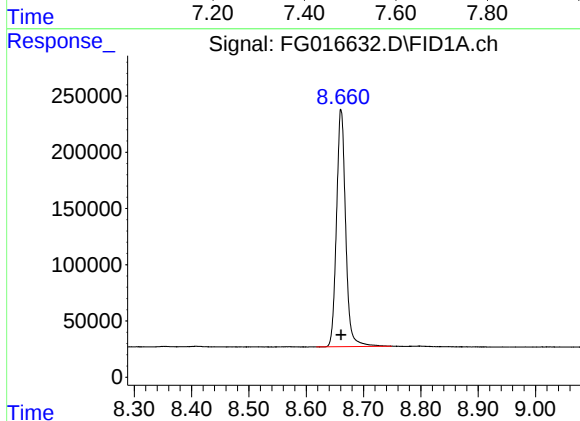
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 2310492
Conc: 19.68 ug/ml



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

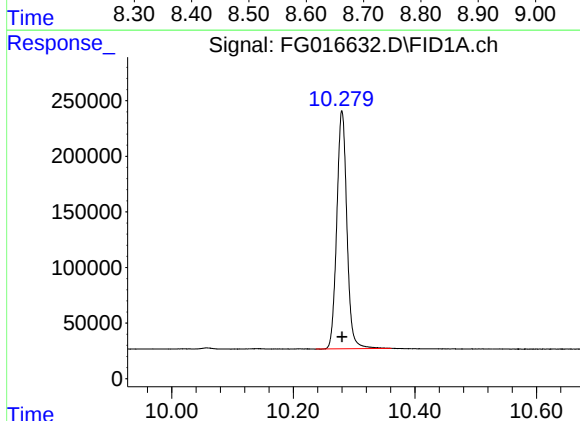
R.T.: 7.461 min
Delta R.T.: -0.001 min
Response: 2342091
Conc: 20.25 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



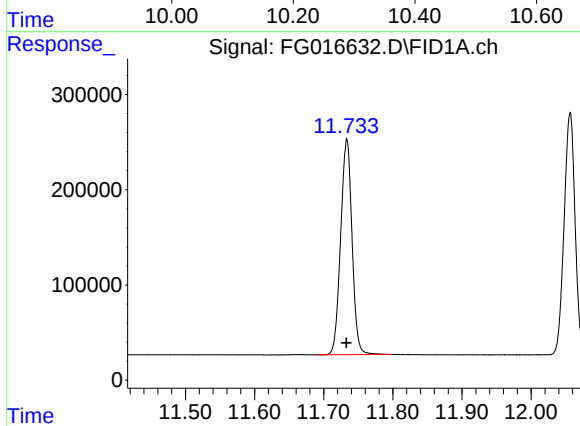
#6 n-Tetradecane (C14)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 2341137
Conc: 19.95 ug/ml



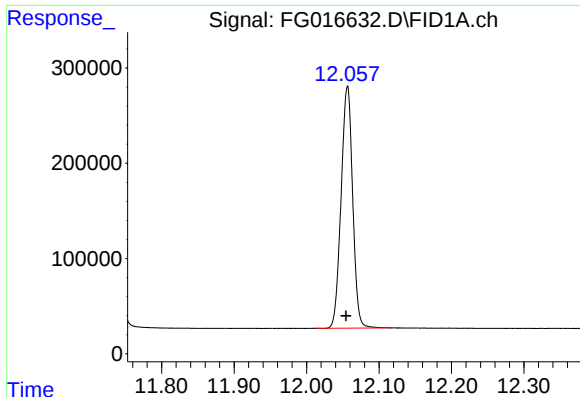
#7 n-Hexadecane (C16)

R.T.: 10.280 min
Delta R.T.: 0.000 min
Response: 2476808
Conc: 19.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.734 min
Delta R.T.: 0.000 min
Response: 2588745
Conc: 19.89 ug/ml



#9 ortho-Terphenyl (SURR)

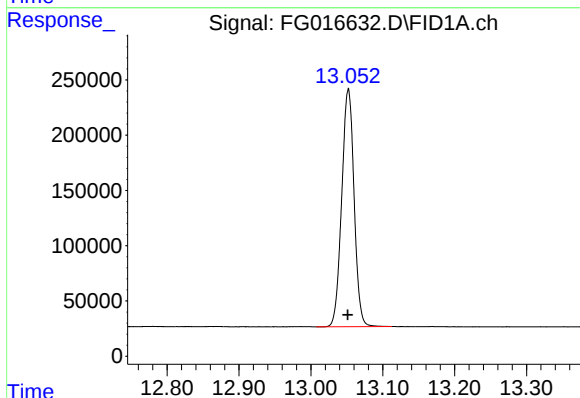
R.T.: 12.057 min
Delta R.T.: 0.002 min
Response: 2817681
Conc: 19.75 ug/ml

Instrument :

FID_G

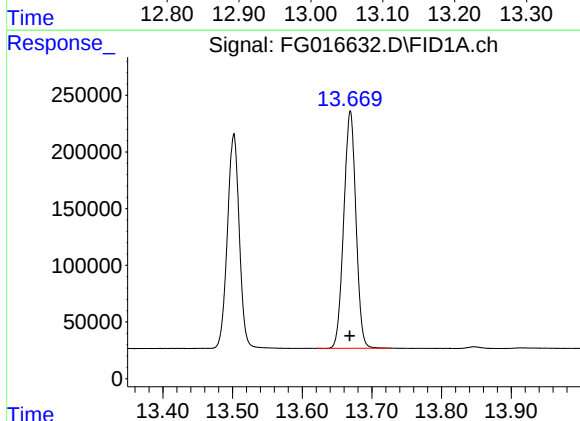
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



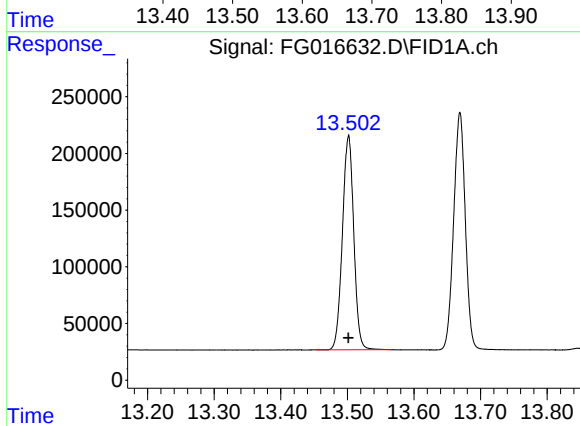
#10 n-Eicosane (C20)

R.T.: 13.052 min
Delta R.T.: 0.000 min
Response: 2566701
Conc: 19.85 ug/ml



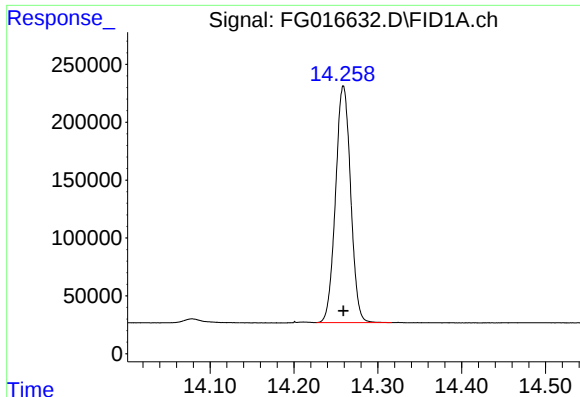
#11 n-Heneicosane (C21)

R.T.: 13.669 min
Delta R.T.: 0.000 min
Response: 2545416
Conc: 19.82 ug/ml



#12 1-chlorooctadecane (SURR)

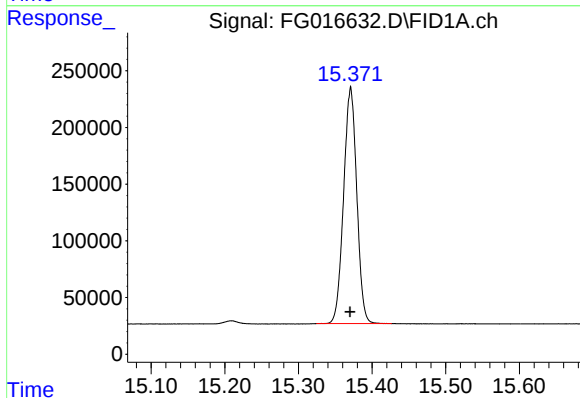
R.T.: 13.502 min
Delta R.T.: 0.000 min
Response: 2240344
Conc: 19.85 ug/ml



#13 n-Docosane (C22)

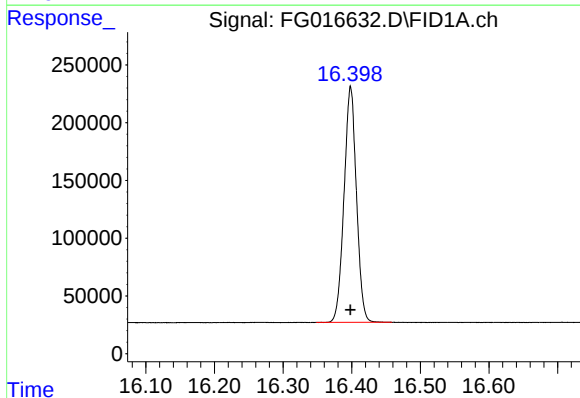
R.T.: 14.259 min
Delta R.T.: 0.000 min
Response: 2554929
Conc: 19.81 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



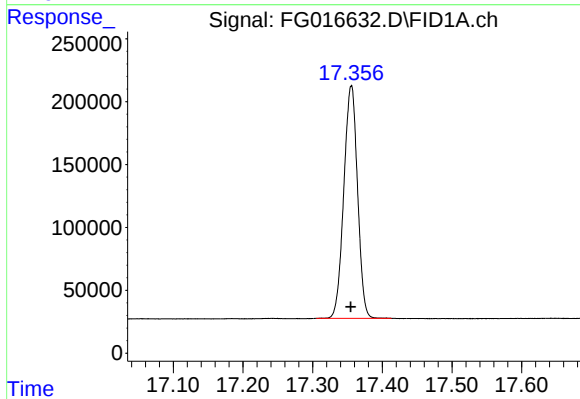
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: 0.000 min
Response: 2589279
Conc: 19.85 ug/ml



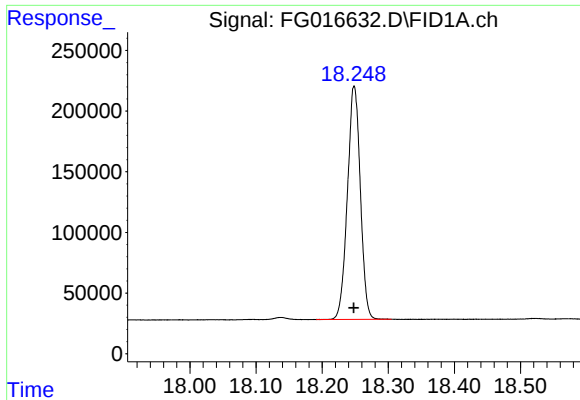
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 2565593
Conc: 19.87 ug/ml



#16 n-Octacosane (C28)

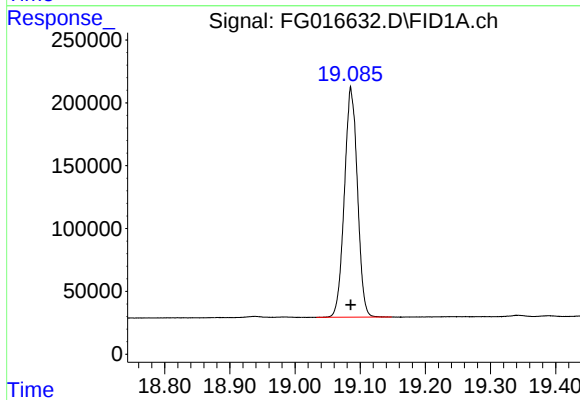
R.T.: 17.356 min
Delta R.T.: 0.000 min
Response: 2535026
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

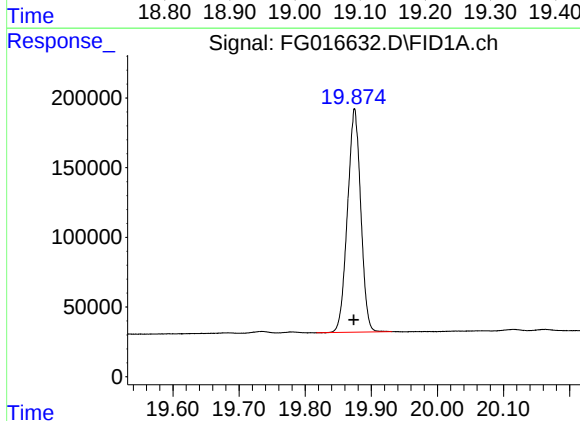
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 2616805
Conc: 20.45 ug/ml

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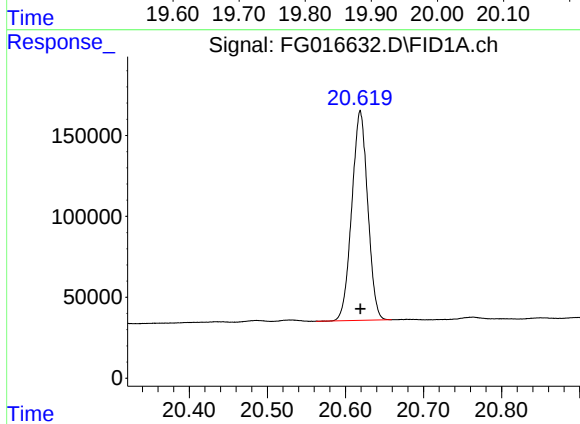
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.000 min
Response: 2540356
Conc: 20.74 ug/ml



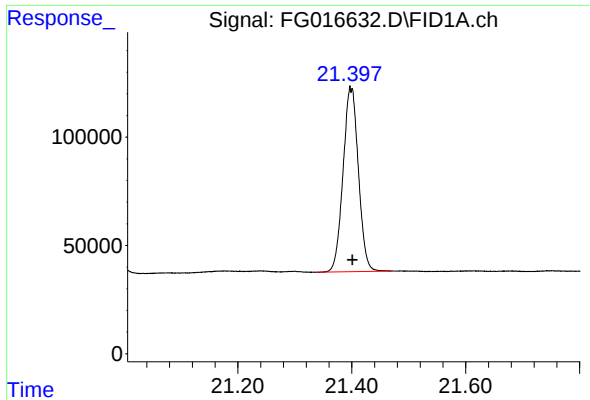
#19 n-Tetratriacontane (C34)

R.T.: 19.875 min
Delta R.T.: 0.001 min
Response: 2237978
Conc: 20.60 ug/ml



#20 n-Hexatriacontane (C36)

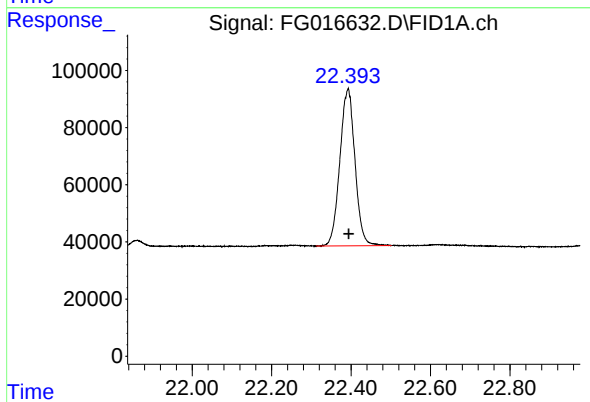
R.T.: 20.619 min
Delta R.T.: 0.000 min
Response: 1831577
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.398 min
Delta R.T.: -0.003 min
Response: 1591995
Conc: 19.55 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.393 min
Delta R.T.: -0.002 min
Response: 1450457
Conc: 18.80 ug/ml