

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054799.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 01:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 11 06:32:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.080	364447	2.244 ug/ml
Spiked Amount 50.000		Recovery =	4.49%
12) S 1-chlorooctadecane (S...	13.516	278098	2.202 ug/ml
Spiked Amount 50.000		Recovery =	4.40%
Target Compounds			
1) T n-Nonane (C9)	3.416	300642	2.235 ug/ml
2) T n-Decane (C10)	4.677	310995	2.279 ug/ml
3) T A~Naphthalene (C11.7)	6.397	340893	2.251 ug/ml
4) T n-Dodecane (C12)	6.853	312959	2.281 ug/ml
5) T A~2-methylnaphthalene...	7.497	330243	2.246 ug/ml
6) T n-Tetradecane (C14)	8.690	333667	2.407 ug/ml
7) T n-Hexadecane (C16)	10.305	331603	2.327 ug/ml
8) T n-Octadecane (C18)	11.754	339027	2.313 ug/ml
10) T n-Eicosane (C20)	13.069	335845	2.336 ug/ml
11) T n-Heneicosane (C21)	13.682	323659	2.266 ug/ml
13) T n-Docosane (C22)	14.271	343650	2.407 ug/ml
14) T n-Tetracosane (C24)	15.377	380069	2.615 ug/ml
15) T n-Hexacosane (C26)	16.401	410031	2.833 ug/ml
16) T n-Octacosane (C28)	17.352	435020	2.985 ug/ml
17) T n-Tricontane (C30)	18.242	479414	3.042 ug/ml
18) T n-Dotriacontane (C32)	19.076	483369	2.988 ug/ml
19) T n-Tetratriacontane (C34)	19.862	395921	2.598 ug/ml
20) T n-Hexatriacontane (C36)	20.604	362061	2.693 ug/ml
21) T n-Octatriacontane (C38)	21.382	516391	4.403 ug/ml
22) T n-Tetracontane (C40)	22.374	297914	2.749 ug/ml

(f)=RT Delta > 1/2 Window

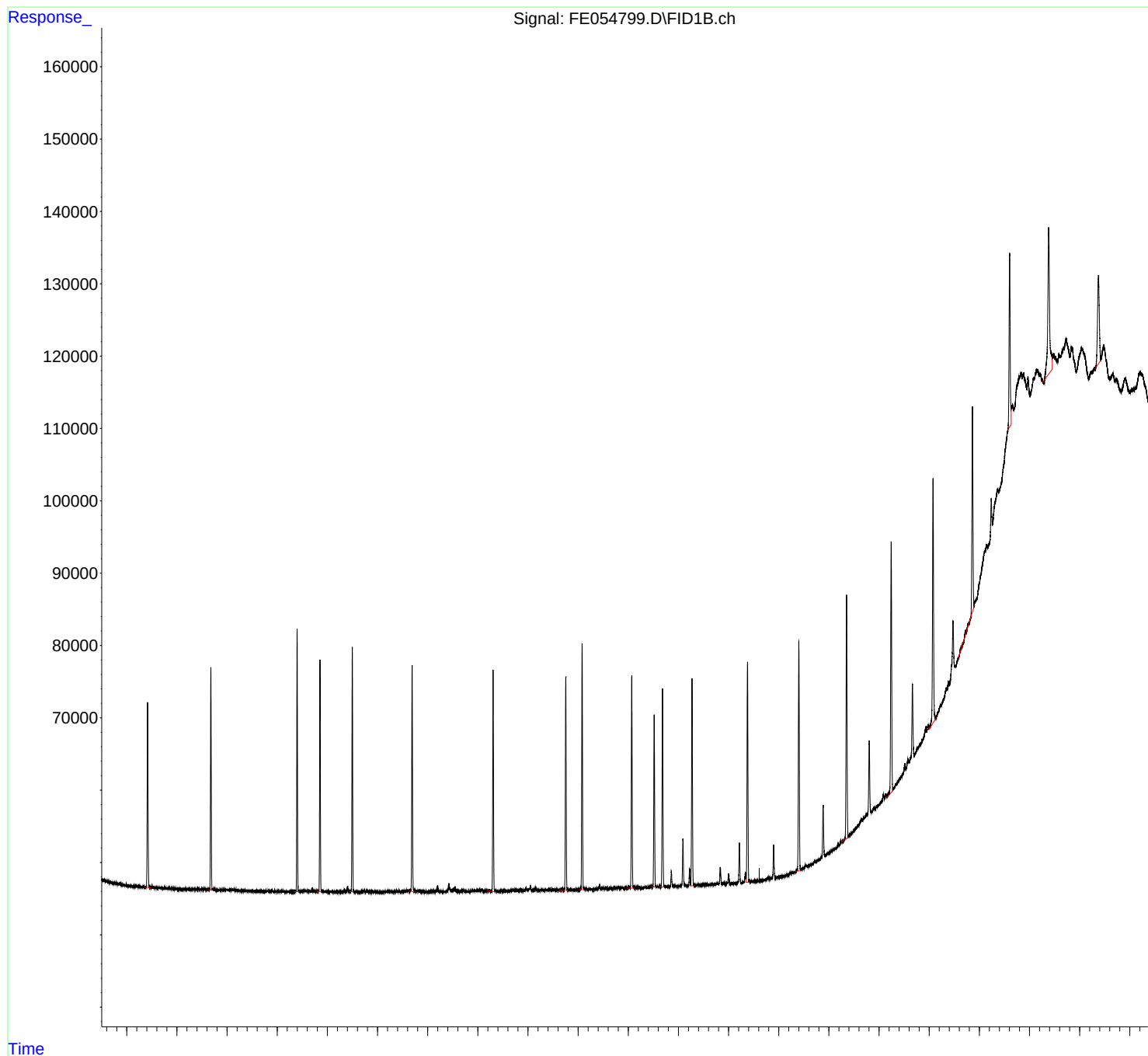
(m)=manual int.

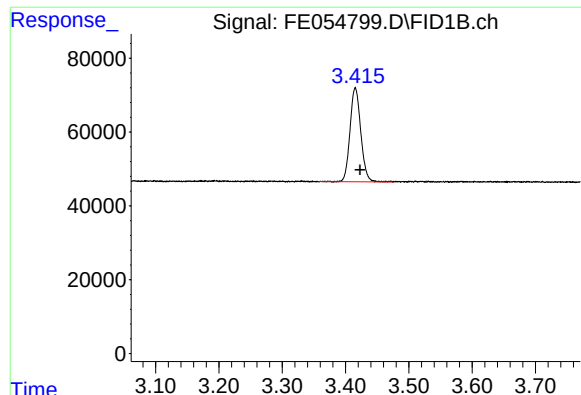
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
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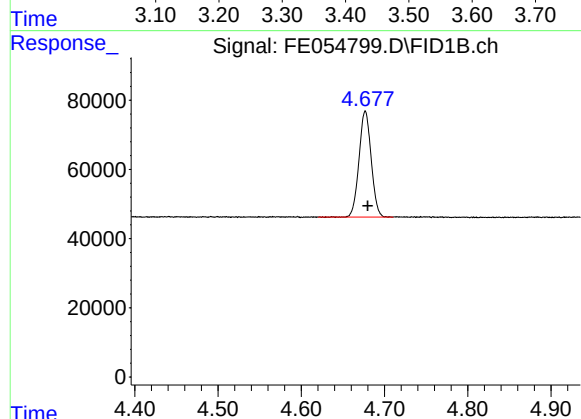




#1 n-Nonane (C9)

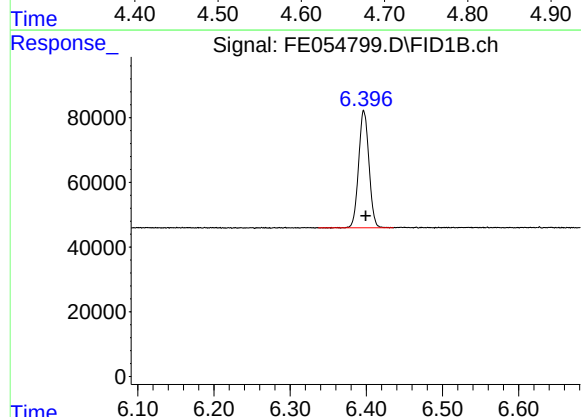
R.T.: 3.416 min
Delta R.T.: -0.007 min
Response: 300642
Conc: 2.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



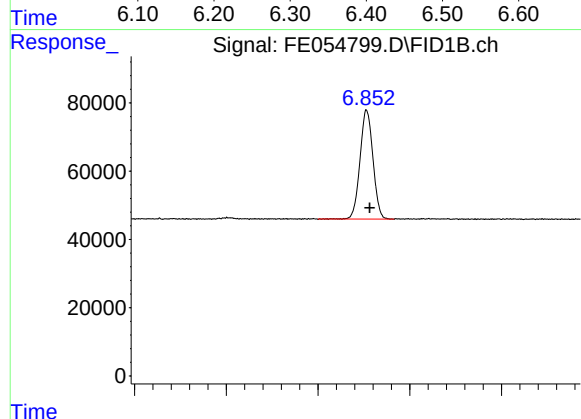
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 310995
Conc: 2.28 ug/ml



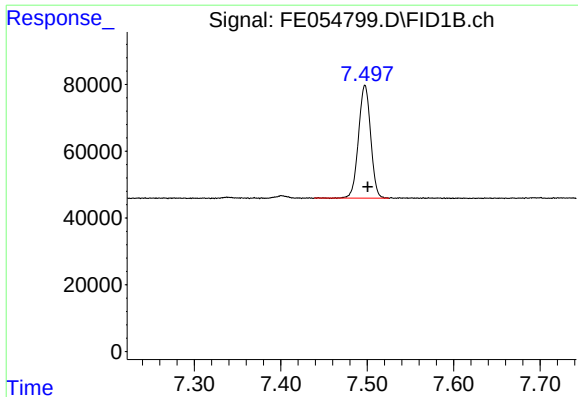
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 340893
Conc: 2.25 ug/ml



#4 n-Dodecane (C12)

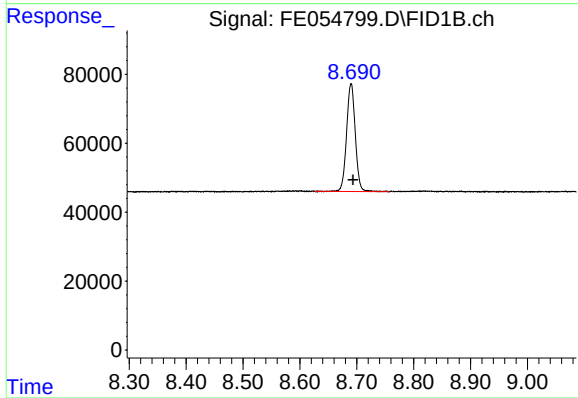
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 312959
Conc: 2.28 ug/ml



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

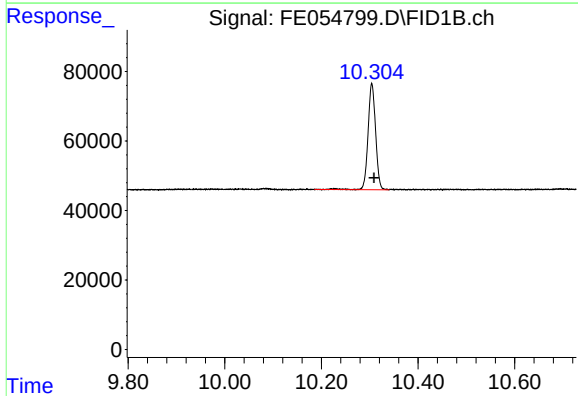
R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 330243
Conc: 2.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



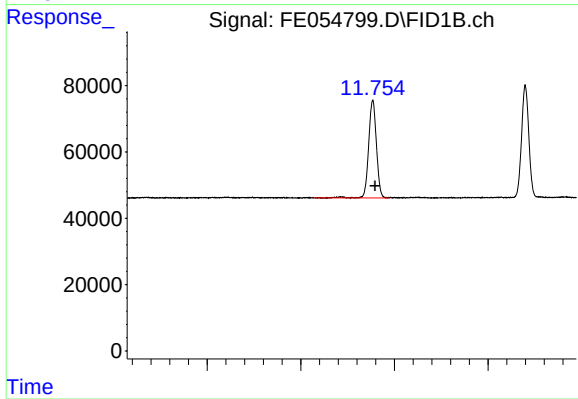
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 333667
Conc: 2.41 ug/ml



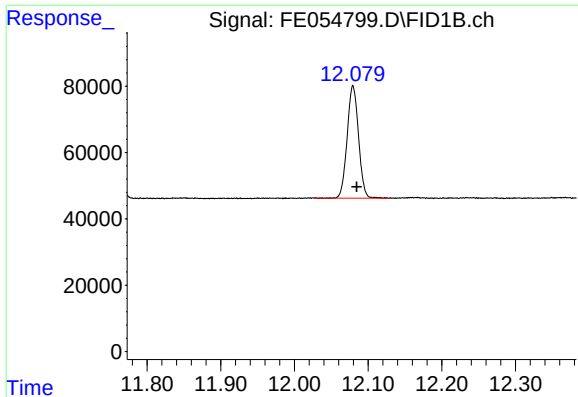
#7 n-Hexadecane (C16)

R.T.: 10.305 min
Delta R.T.: -0.004 min
Response: 331603
Conc: 2.33 ug/ml



#8 n-Octadecane (C18)

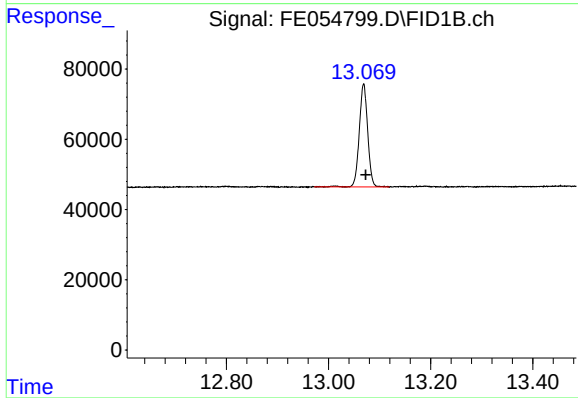
R.T.: 11.754 min
Delta R.T.: -0.005 min
Response: 339027
Conc: 2.31 ug/ml



#9 ortho-Terphenyl (SURR)

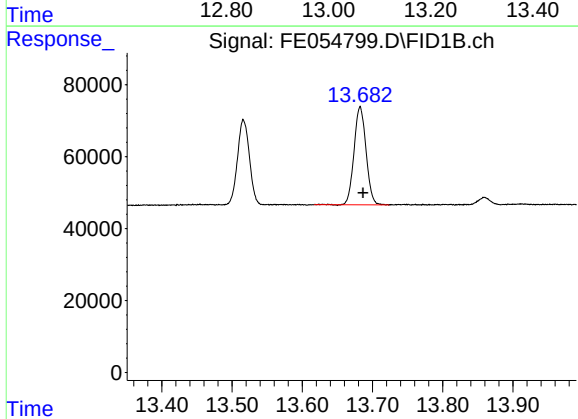
R.T.: 12.080 min
Delta R.T.: -0.005 min
Response: 364447
Conc: 2.24 ug/ml

Instrument :
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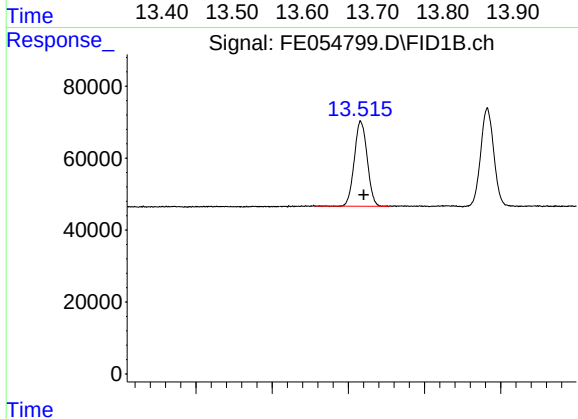
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.004 min
Response: 335845
Conc: 2.34 ug/ml



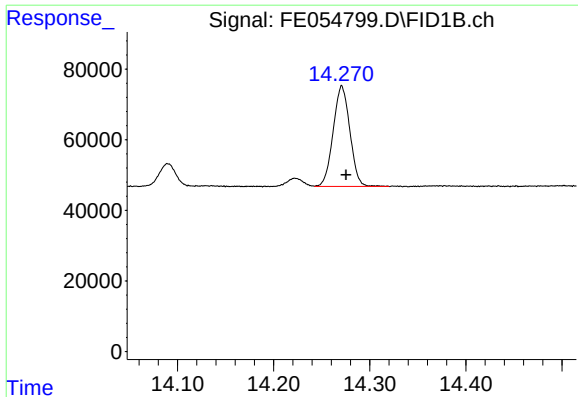
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: -0.004 min
Response: 323659
Conc: 2.27 ug/ml



#12 1-chlorooctadecane (SURR)

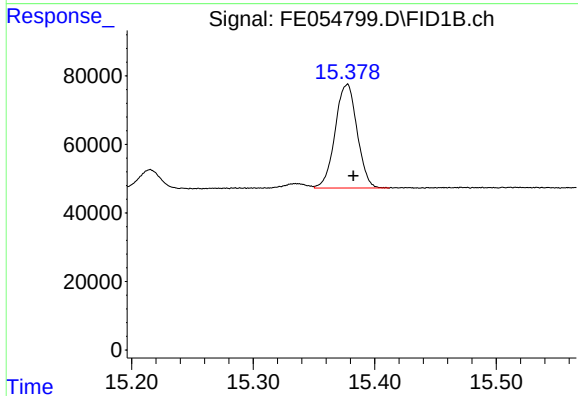
R.T.: 13.516 min
Delta R.T.: -0.004 min
Response: 278098
Conc: 2.20 ug/ml



#13 n-Docosane (C22)

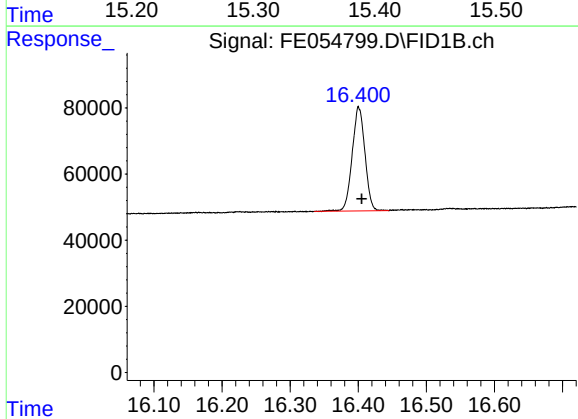
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 343650
Conc: 2.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



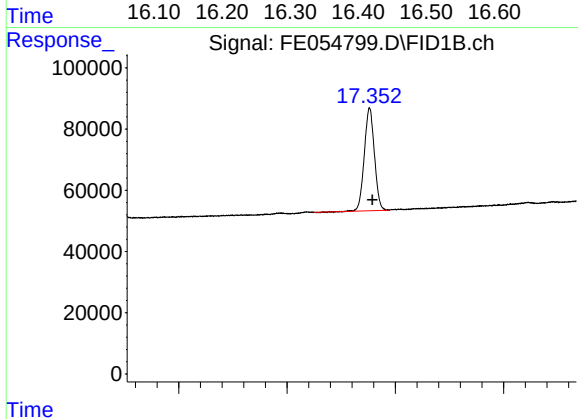
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 380069
Conc: 2.61 ug/ml



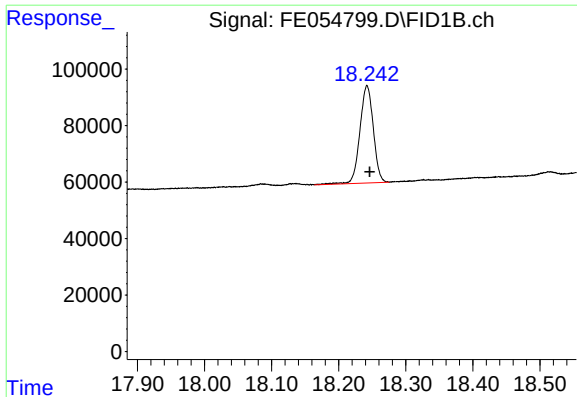
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.004 min
Response: 410031
Conc: 2.83 ug/ml



#16 n-Octacosane (C28)

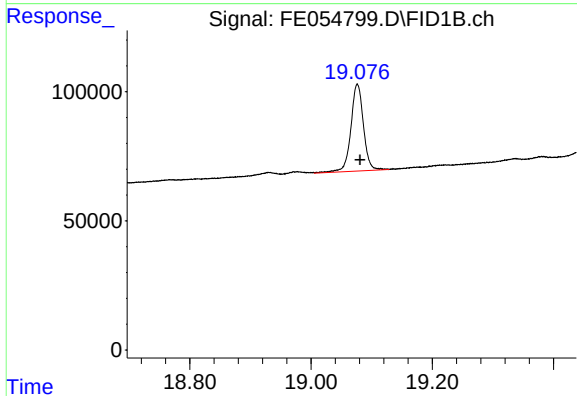
R.T.: 17.352 min
Delta R.T.: -0.005 min
Response: 435020
Conc: 2.98 ug/ml



#17 n-Tricontane (C30)

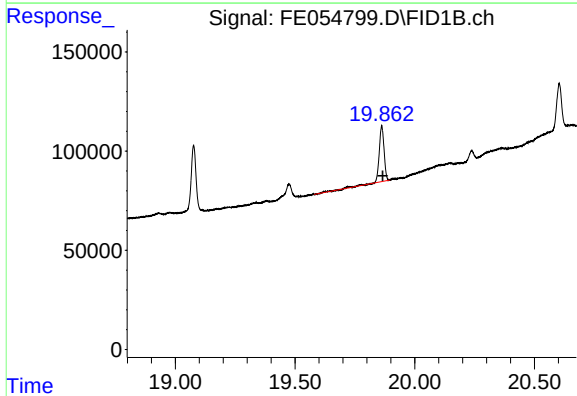
R.T.: 18.242 min
Delta R.T.: -0.004 min
Response: 479414
Conc: 3.04 ug/ml

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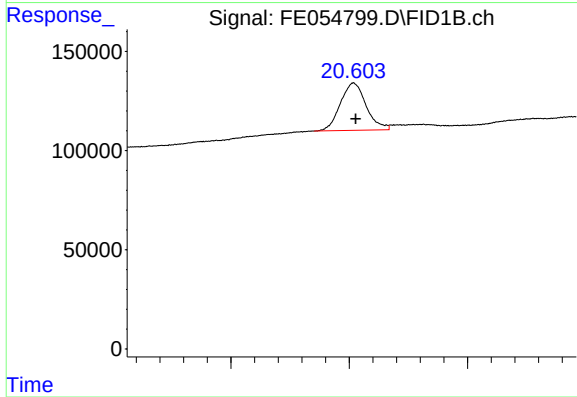
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: -0.004 min
Response: 483369
Conc: 2.99 ug/ml



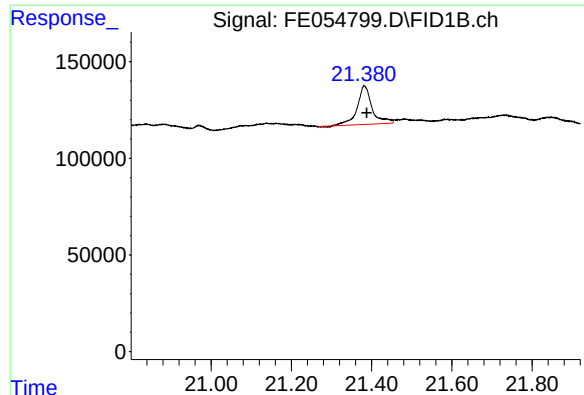
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.004 min
Response: 395921
Conc: 2.60 ug/ml



#20 n-Hexatriacontane (C36)

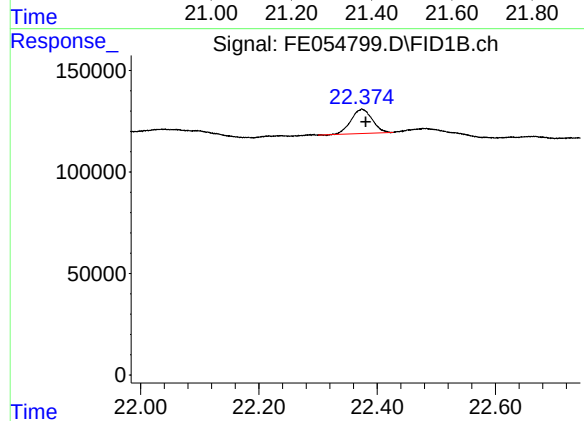
R.T.: 20.604 min
Delta R.T.: -0.002 min
Response: 362061
Conc: 2.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: -0.006 min
Response: 516391
Conc: 4.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.374 min
Delta R.T.: -0.007 min
Response: 297914
Conc: 2.75 ug/ml