

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AL\
 Data File : FF015989.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2025 03:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 16 03:17:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:08:01 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)	12.000	2772511	19.247 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
12) S 1-chlorooctadecane (S...	13.437	2162110	19.284 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T n-Nonane (C9)	3.367	2263351	19.301 ug/ml
2) T n-Decane (C10)	4.625	2308763	19.291 ug/ml
3) T A~Naphthalene (C11.7)	6.332	2535464	19.279 ug/ml
4) T n-Dodecane (C12)	6.798	2333563	19.276 ug/ml
5) T A~2-methylnaphthalene...	7.430	2470687	19.283 ug/ml
6) T n-Tetradecane (C14)	8.629	2336670	19.215 ug/ml
7) T n-Hexadecane (C16)	10.236	2437530	19.261 ug/ml
8) T n-Octadecane (C18)	11.681	2512267	19.264 ug/ml
10) T n-Eicosane (C20)	12.992	2474219	19.265 ug/ml
11) T n-Heneicosane (C21)	13.604	2457478	19.295 ug/ml
13) T n-Docosane (C22)	14.192	2479202	19.378 ug/ml
14) T n-Tetracosane (C24)	15.295	2532725	19.522 ug/ml
15) T n-Hexacosane (C26)	16.317	2507931	19.552 ug/ml
16) T n-Octacosane (C28)	17.269	2464393	19.647 ug/ml
17) T n-Tricontane (C30)	18.158	2469499	19.743 ug/ml
18) T n-Dotriacontane (C32)	18.992	2318198	19.608 ug/ml
19) T n-Tetratriacontane (C34)	19.776	2067423	19.618 ug/ml
20) T n-Hexatriacontane (C36)	20.518	1754480	19.495 ug/ml
21) T n-Octatriacontane (C38)	21.279	1568066	19.403 ug/ml
22) T n-Tetracontane (C40)	22.234	1443203	19.516 ug/ml

(f)=RT Delta > 1/2 Window

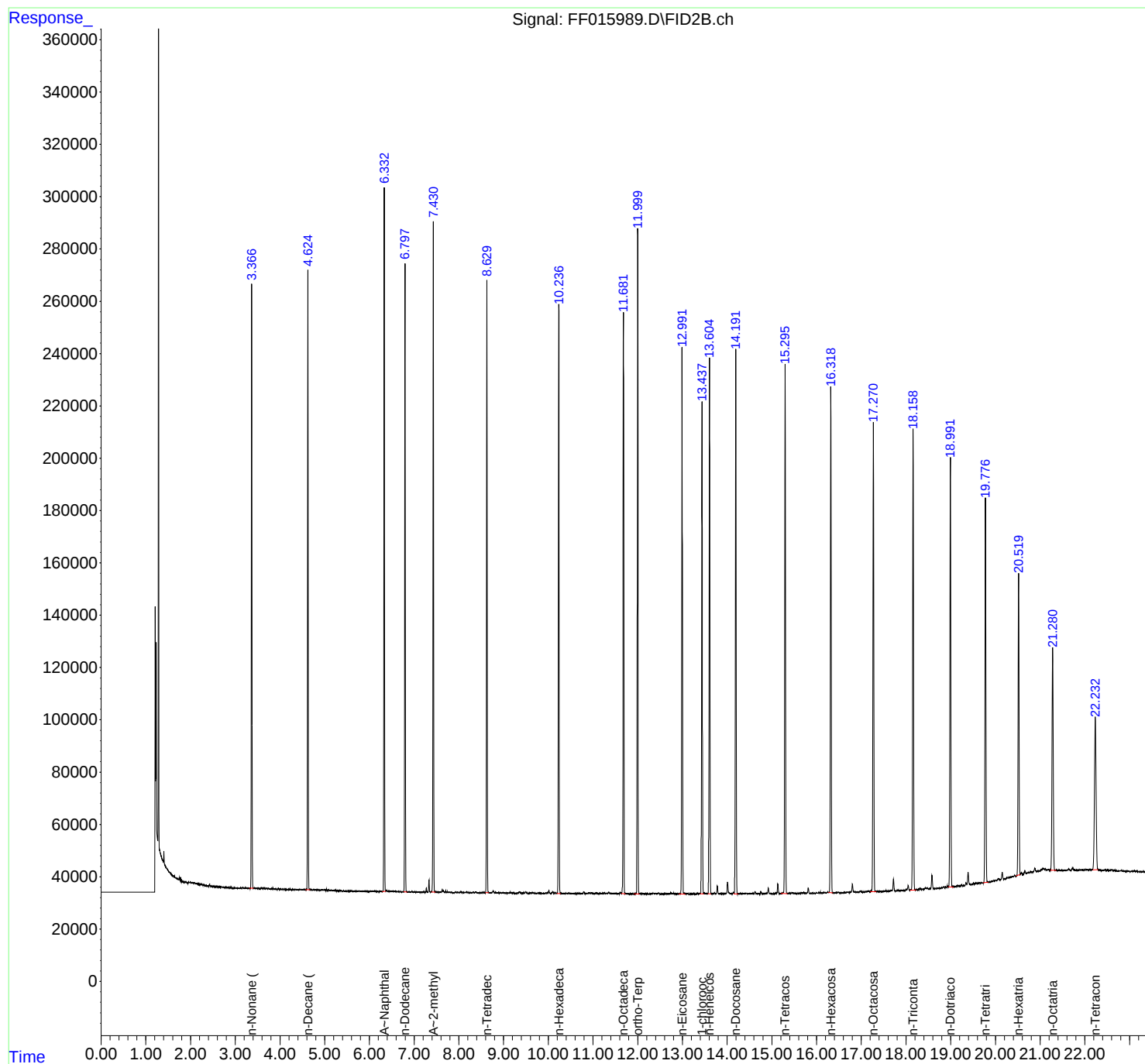
(m)=manual int.

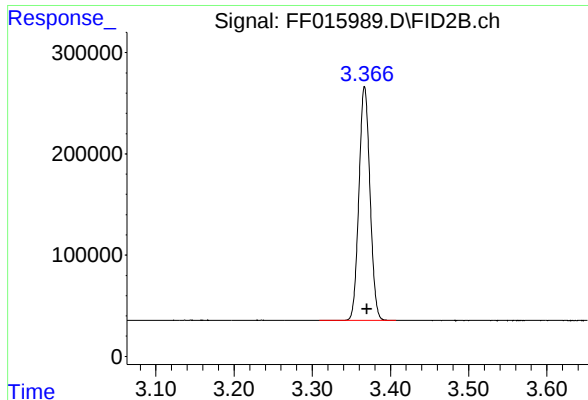
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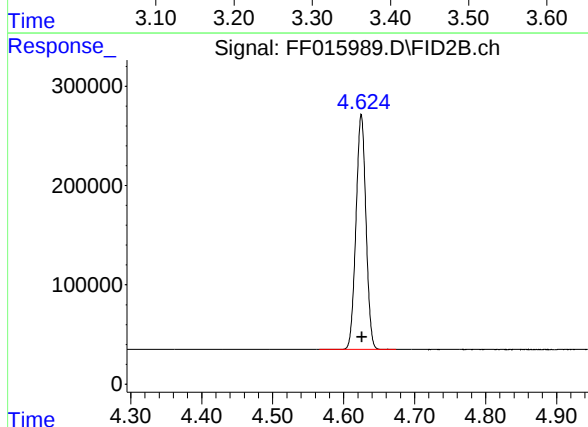




#1 n-Nonane (C9)

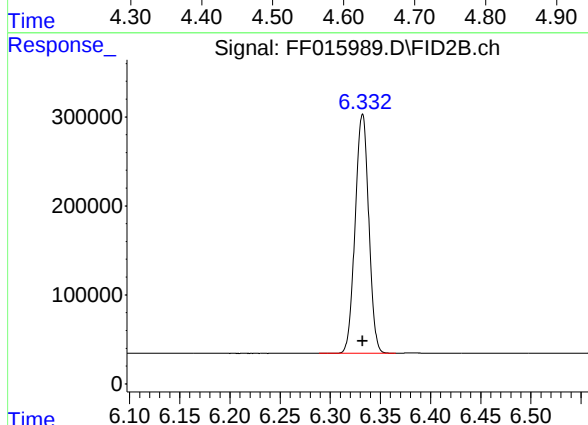
R.T.: 3.367 min
Delta R.T.: -0.003 min
Response: 2263351
Conc: 19.30 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



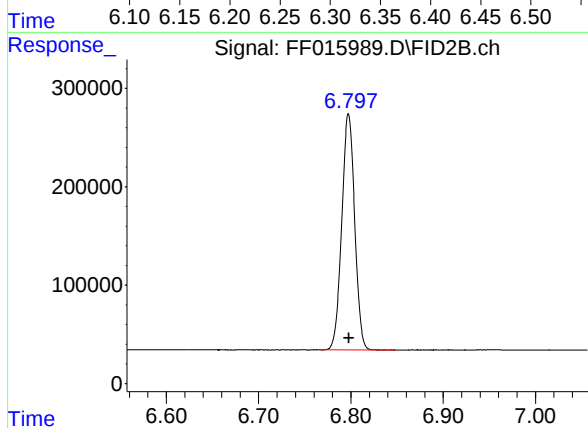
#2 n-Decane (C10)

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 2308763
Conc: 19.29 ug/ml



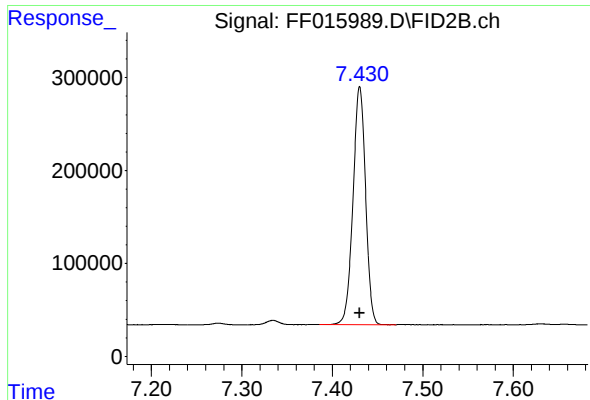
#3 A~Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 2535464
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

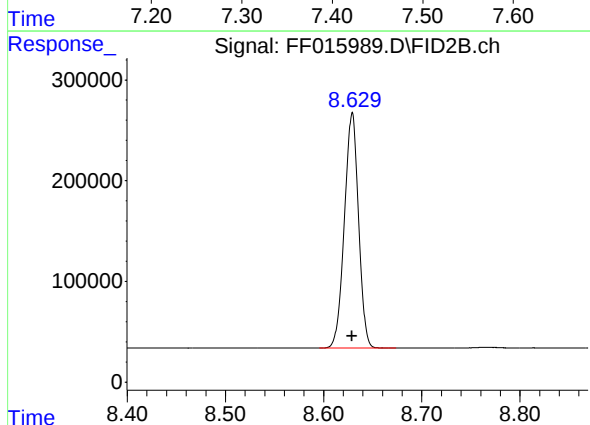
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 2333563
Conc: 19.28 ug/ml



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

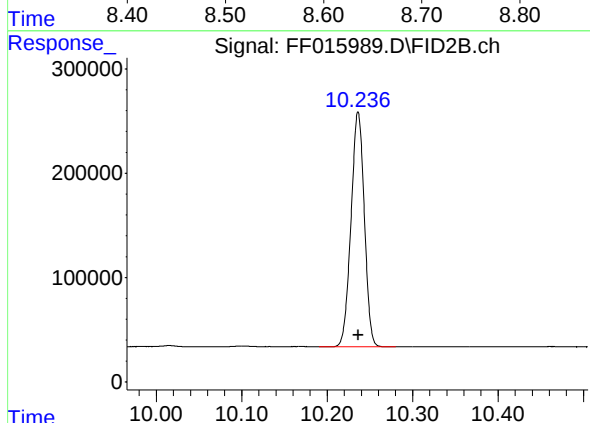
R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 2470687
Conc: 19.28 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



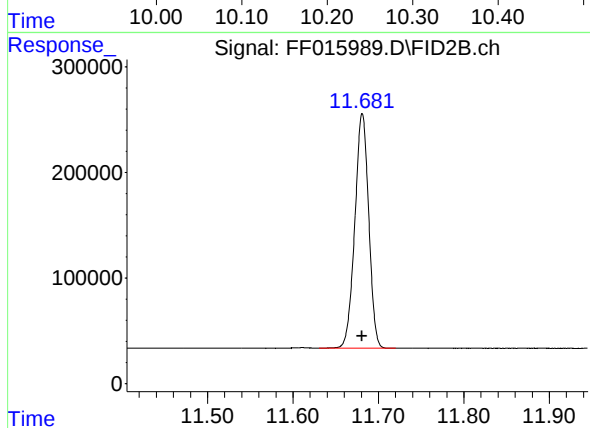
#6 n-Tetradecane (C14)

R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 2336670
Conc: 19.21 ug/ml



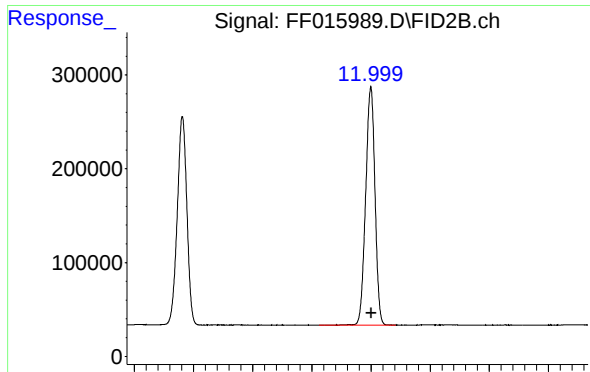
#7 n-Hexadecane (C16)

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 2437530
Conc: 19.26 ug/ml



#8 n-Octadecane (C18)

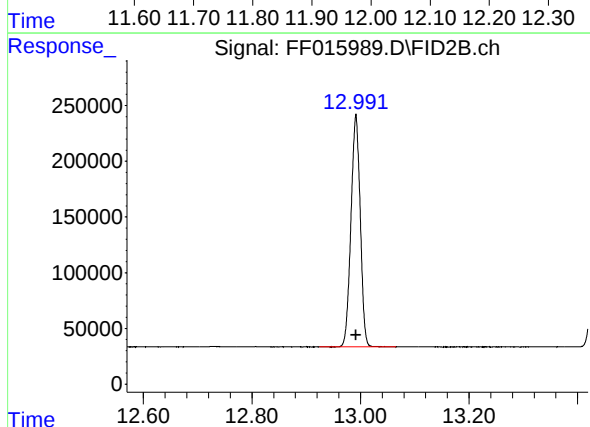
R.T.: 11.681 min
Delta R.T.: 0.000 min
Response: 2512267
Conc: 19.26 ug/ml



#9 ortho-Terphenyl (SURR)

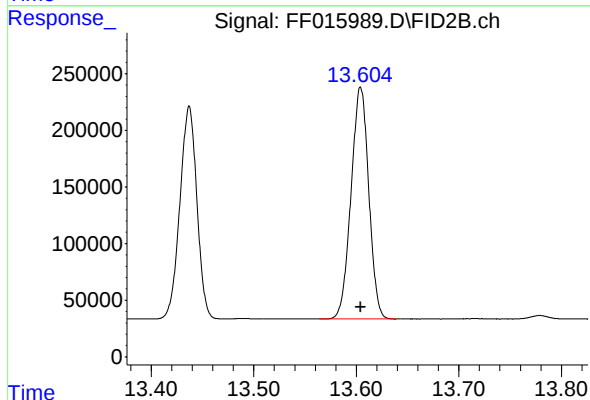
R.T.: 12.000 min
Delta R.T.: 0.000 min
Response: 2772511
Conc: 19.25 ug/ml

Instrument :
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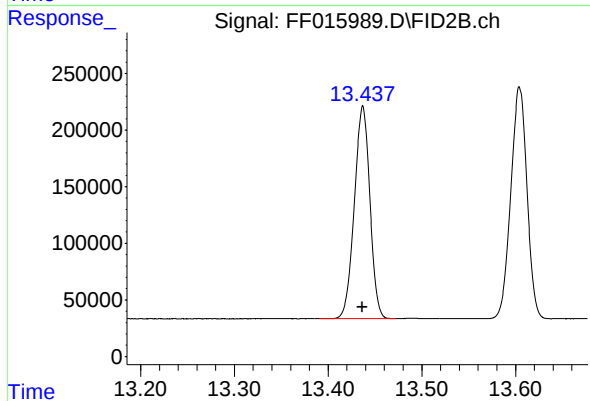
#10 n-Eicosane (C20)

R.T.: 12.992 min
Delta R.T.: 0.000 min
Response: 2474219
Conc: 19.27 ug/ml



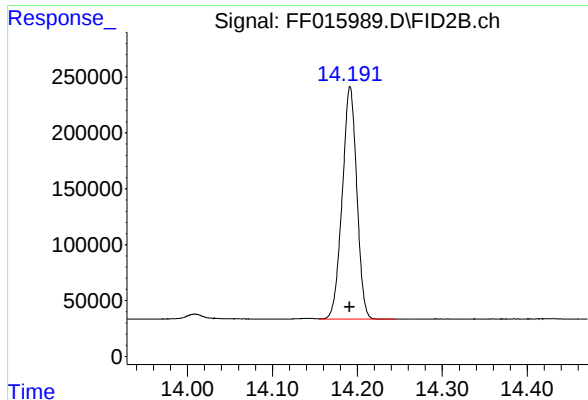
#11 n-Heneicosane (C21)

R.T.: 13.604 min
Delta R.T.: 0.000 min
Response: 2457478
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

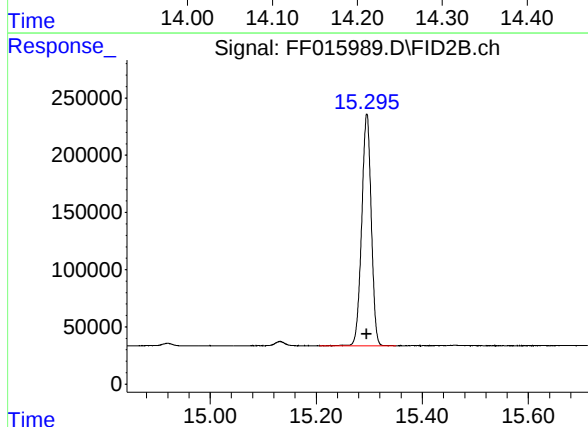
R.T.: 13.437 min
Delta R.T.: 0.000 min
Response: 2162110
Conc: 19.28 ug/ml



#13 n-Docosane (C22)

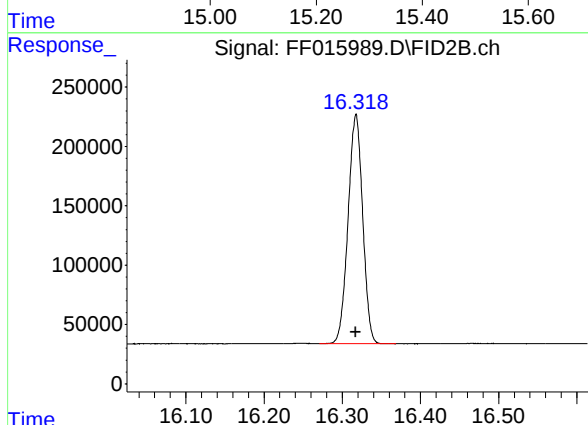
R.T.: 14.192 min
Delta R.T.: 0.000 min
Response: 2479202
Conc: 19.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



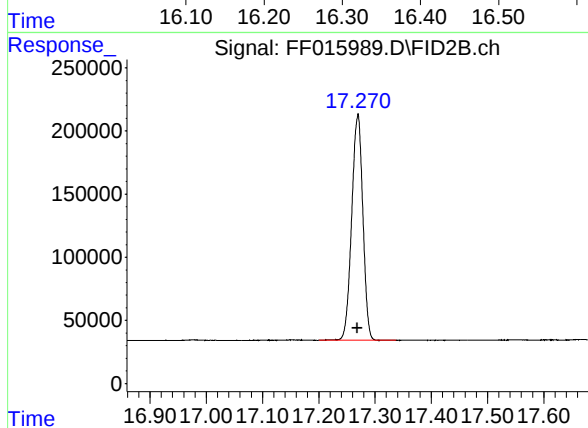
#14 n-Tetracosane (C24)

R.T.: 15.295 min
Delta R.T.: 0.000 min
Response: 2532725
Conc: 19.52 ug/ml



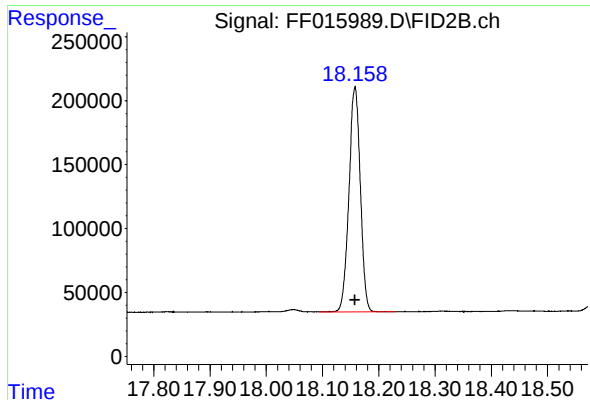
#15 n-Hexacosane (C26)

R.T.: 16.317 min
Delta R.T.: 0.000 min
Response: 2507931
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

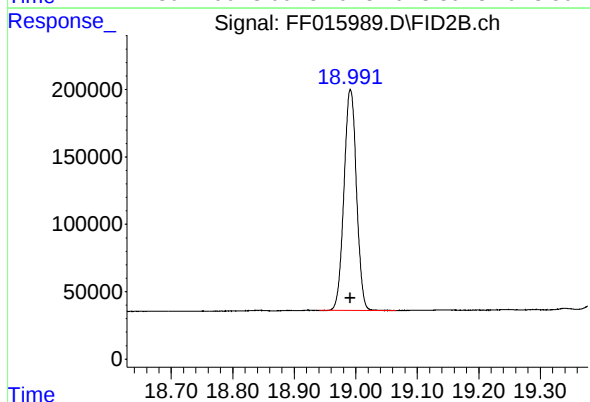
R.T.: 17.269 min
Delta R.T.: 0.000 min
Response: 2464393
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

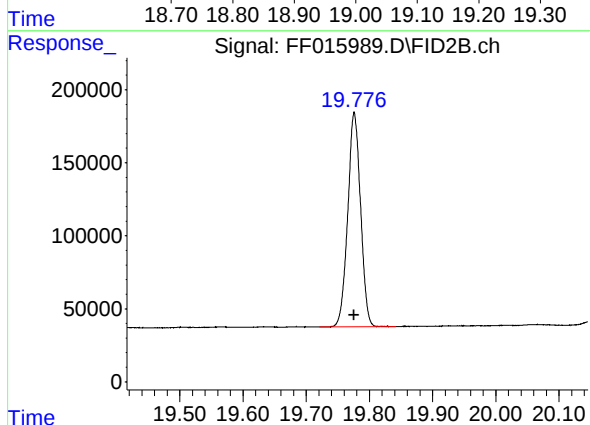
R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 2469499
Conc: 19.74 ug/ml

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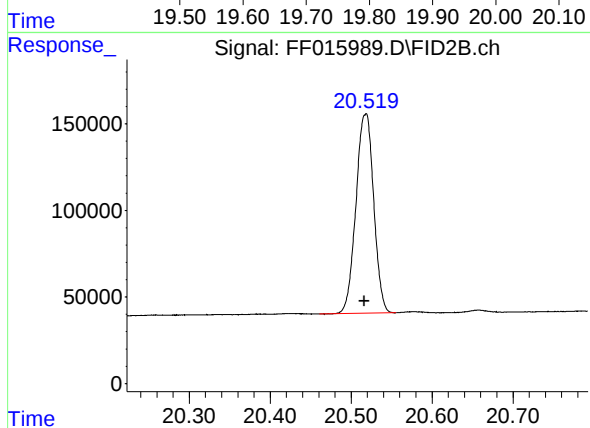
#18 n-Dotriacontane (C32)

R.T.: 18.992 min
Delta R.T.: 0.000 min
Response: 2318198
Conc: 19.61 ug/ml



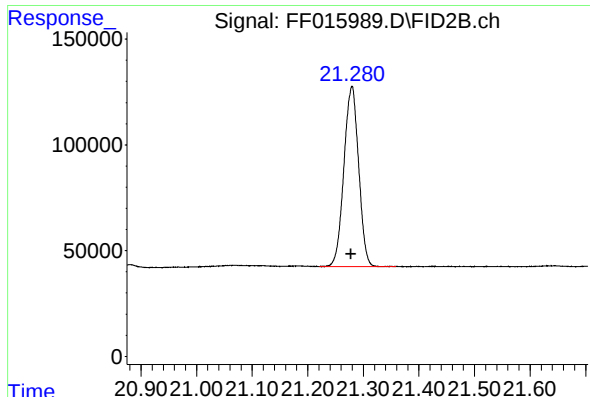
#19 n-Tetatriacontane (C34)

R.T.: 19.776 min
Delta R.T.: 0.000 min
Response: 2067423
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

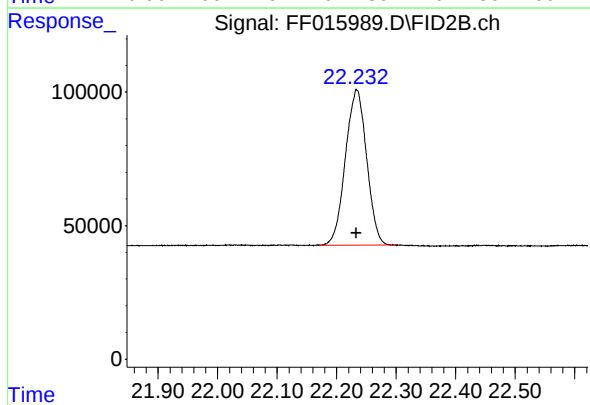
R.T.: 20.518 min
Delta R.T.: 0.002 min
Response: 1754480
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.279 min
Delta R.T.: 0.001 min
Response: 1568066
Conc: 19.40 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.234 min
Delta R.T.: 0.001 min
Response: 1443203
Conc: 19.52 ug/ml