

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AL\
 Data File : FF015984.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2025 00:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e
 Quant Time: Jun 16 03:09:29 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	3035639	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.437	2365378	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.370	2477752	20.000 ug/ml
2) T n-Decane (C10)	4.626	2528694	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.332	2778464	20.000 ug/ml
4) T n-Dodecane (C12)	6.798	2554635	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.430	2704716	20.000 ug/ml
6) T n-Tetradecane (C14)	8.629	2558861	20.000 ug/ml
7) T n-Hexadecane (C16)	10.237	2667800	20.000 ug/ml
8) T n-Octadecane (C18)	11.681	2744660	20.000 ug/ml
10) T n-Eicosane (C20)	12.991	2702134	20.000 ug/ml
11) T n-Heneicosane (C21)	13.604	2684644	20.000 ug/ml
13) T n-Docosane (C22)	14.191	2704323	20.000 ug/ml
14) T n-Tetracosane (C24)	15.295	2750169	20.000 ug/ml
15) T n-Hexacosane (C26)	16.317	2716837	20.000 ug/ml
16) T n-Octacosane (C28)	17.269	2668076	20.000 ug/ml
17) T n-Tricontane (C30)	18.158	2672164	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.991	2516385	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.775	2251586	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.516	1914535	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.278	1717992	20.000 ug/ml
22) T n-Tetracontane (C40)	22.233	1585696	20.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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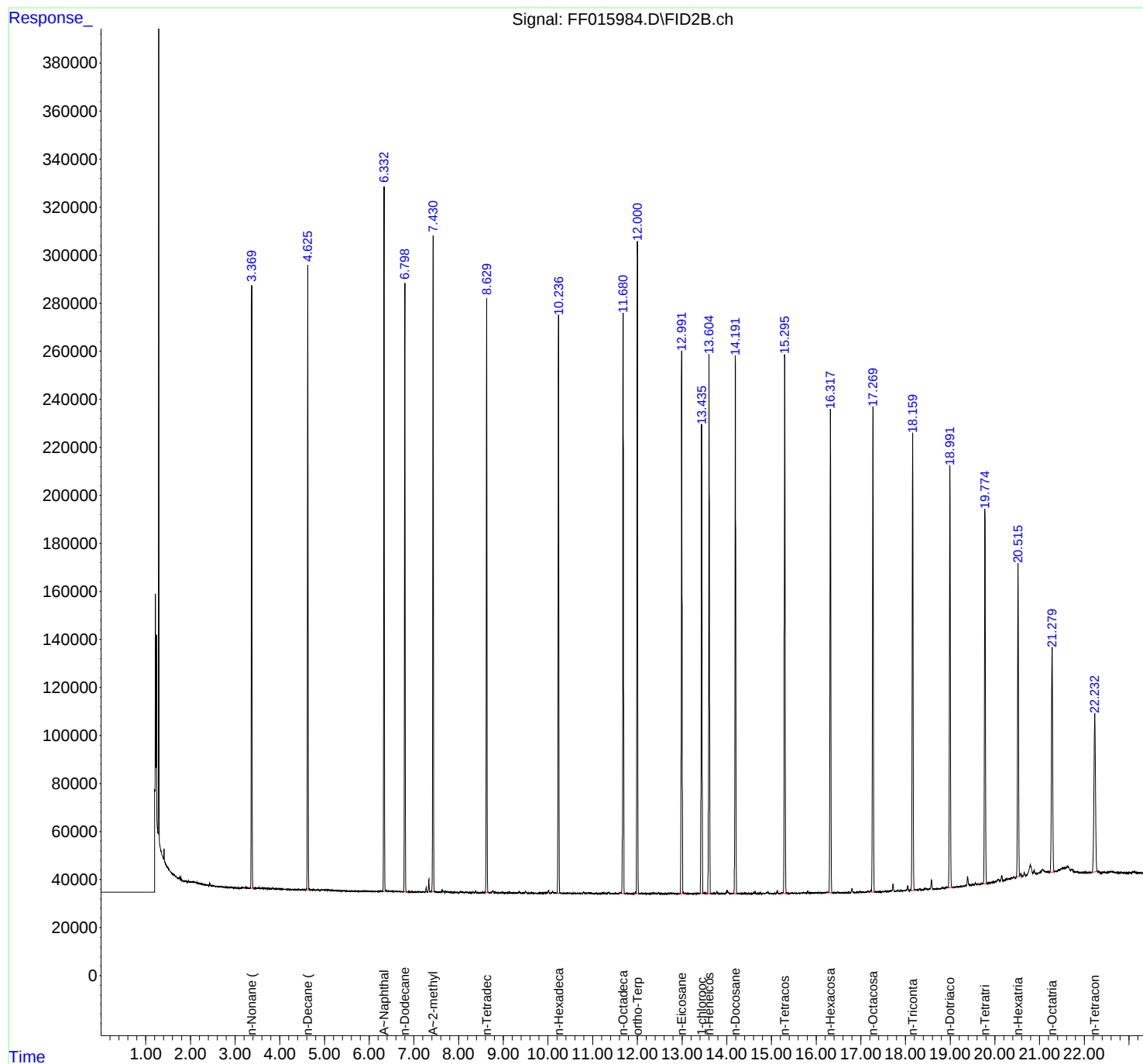
Instrument :
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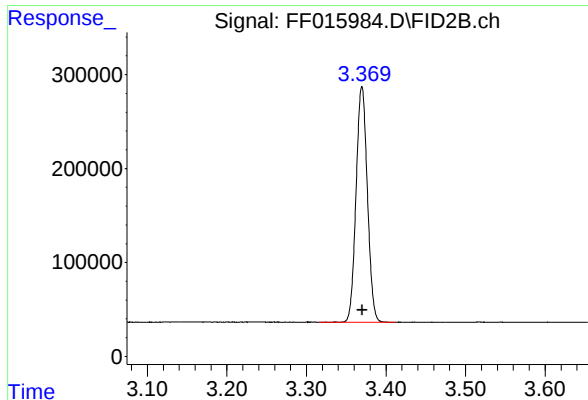
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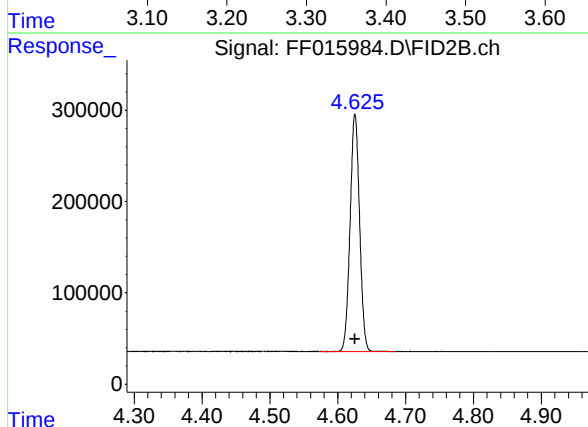
#1 n-Nonane (C9)

R.T.: 3.370 min
Delta R.T.: 0.000 min
Response: 2477752
Conc: 20.00 ug/ml

Instrument : FID_F
ClientSampleId : 20 PPM ALIPHATIC HC STD3

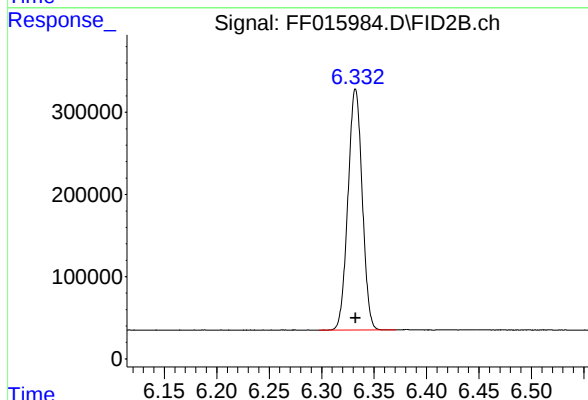
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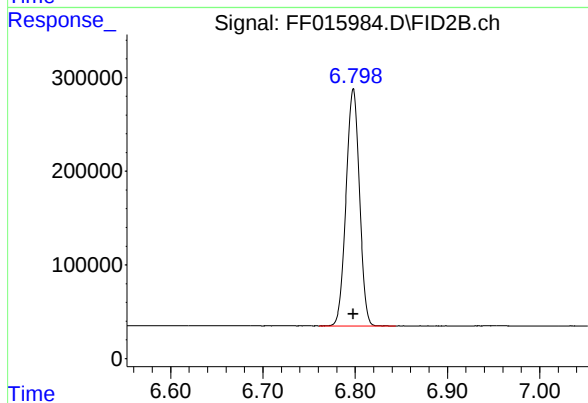
#2 n-Decane (C10)

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 2528694
Conc: 20.00 ug/ml



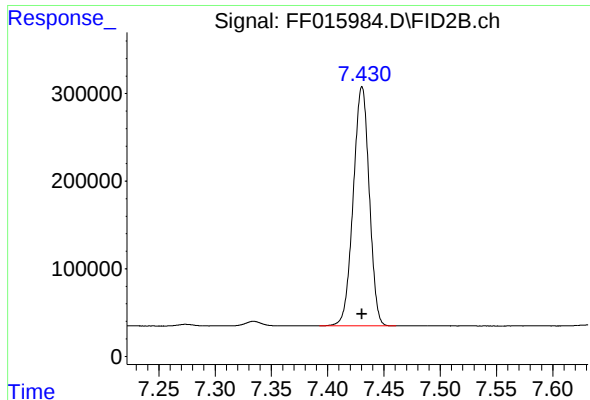
#3 A~Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 2778464
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 2554635
Conc: 20.00 ug/ml



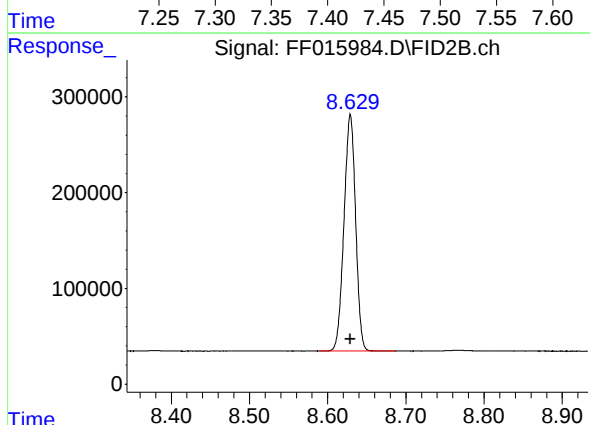
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 2704716
Conc: 20.00 ug/ml

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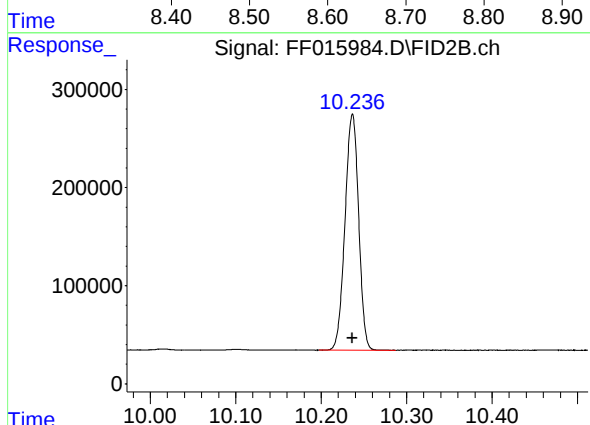
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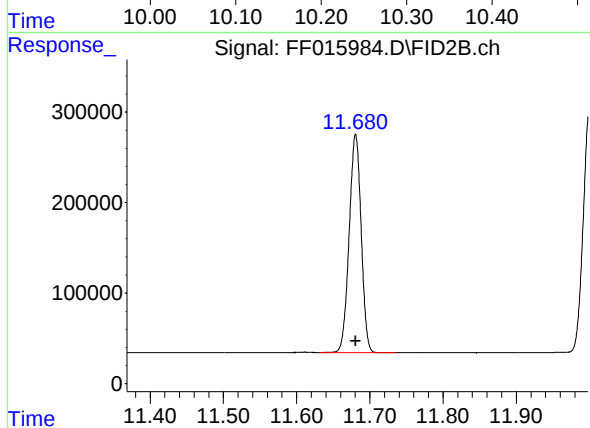
#6 n-Tetradecane (C14)

R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 2558861
Conc: 20.00 ug/ml



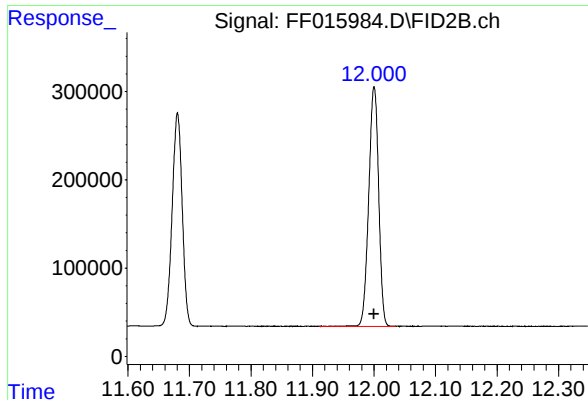
#7 n-Hexadecane (C16)

R.T.: 10.237 min
Delta R.T.: 0.000 min
Response: 2667800
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.681 min
Delta R.T.: 0.000 min
Response: 2744660
Conc: 20.00 ug/ml



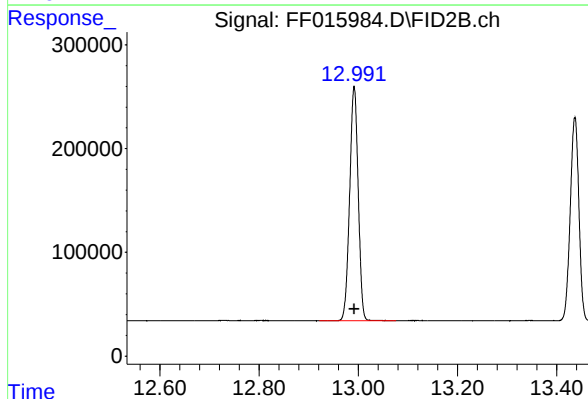
#9 ortho-Terphenyl (SURR)

R.T.: 12.000 min
Delta R.T.: 0.000 min
Response: 3035639
Conc: 20.00 ug/ml

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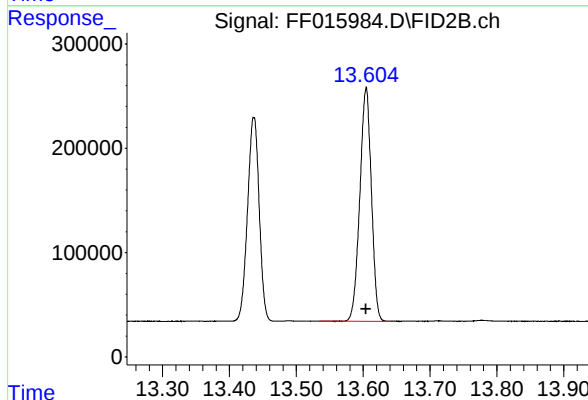
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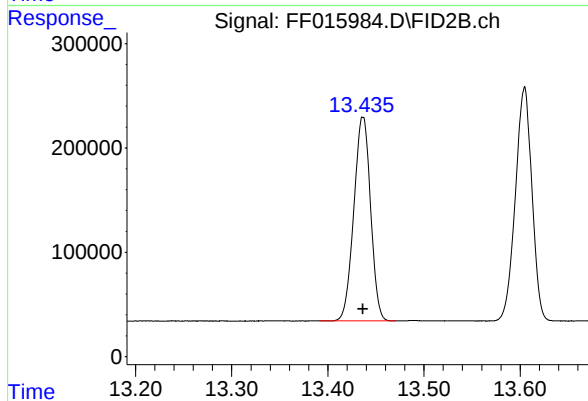
#10 n-Eicosane (C20)

R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 2702134
Conc: 20.00 ug/ml



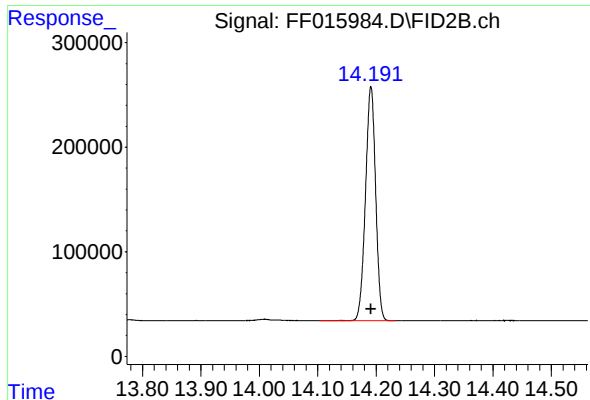
#11 n-Heneicosane (C21)

R.T.: 13.604 min
Delta R.T.: 0.000 min
Response: 2684644
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.437 min
Delta R.T.: 0.000 min
Response: 2365378
Conc: 20.00 ug/ml



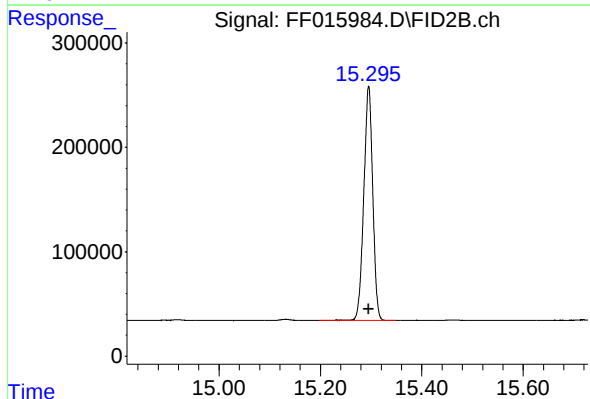
#13 n-Docosane (C22)

R.T.: 14.191 min
Delta R.T.: 0.000 min
Response: 2704323
Conc: 20.00 ug/ml

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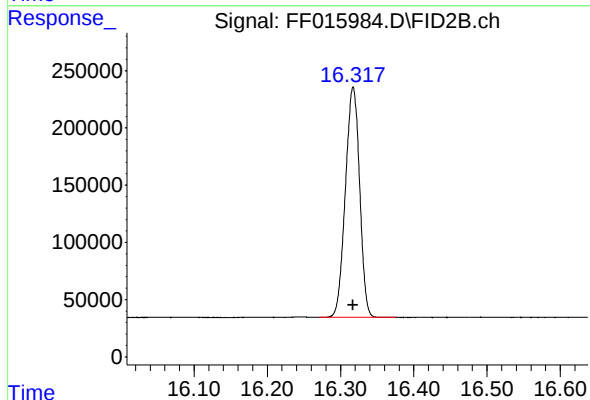
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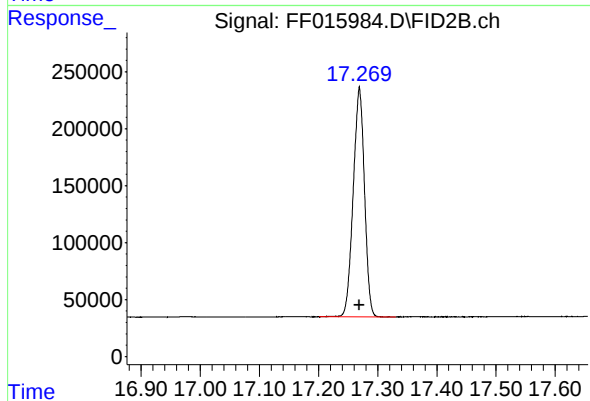
#14 n-Tetracosane (C24)

R.T.: 15.295 min
Delta R.T.: 0.000 min
Response: 2750169
Conc: 20.00 ug/ml



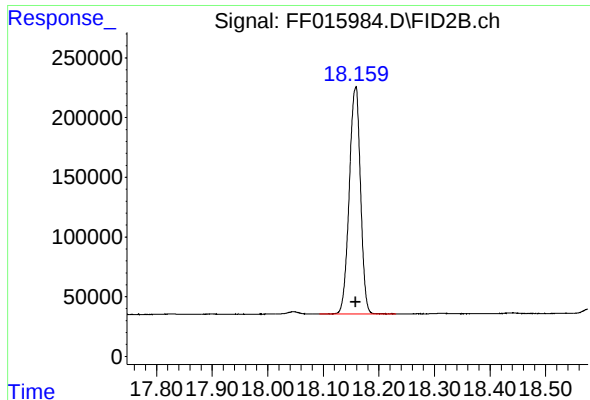
#15 n-Hexacosane (C26)

R.T.: 16.317 min
Delta R.T.: 0.000 min
Response: 2716837
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.269 min
Delta R.T.: 0.000 min
Response: 2668076
Conc: 20.00 ug/ml



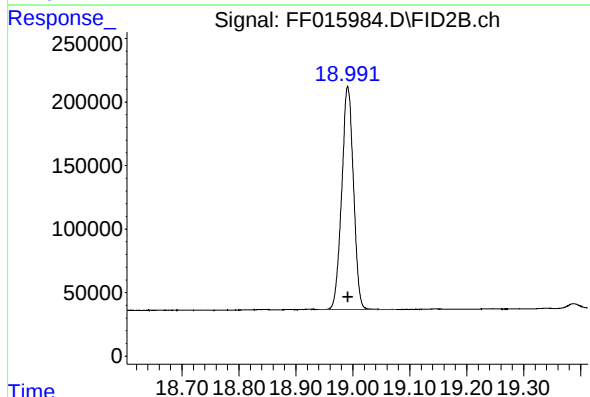
#17 n-Tricontane (C30)

R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 2672164
Conc: 20.00 ug/ml

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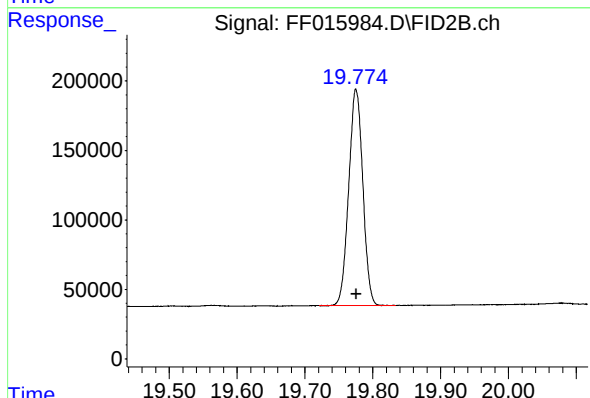
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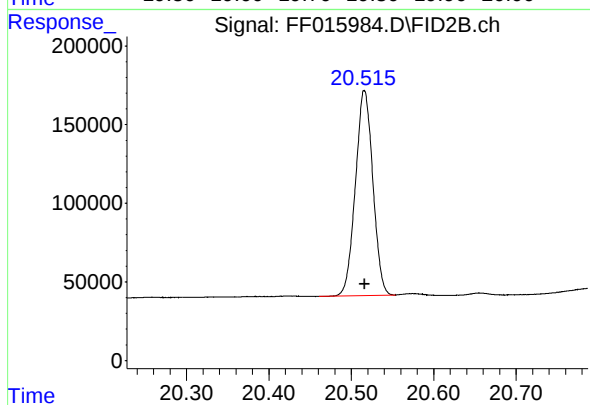
#18 n-Dotriacontane (C32)

R.T.: 18.991 min
Delta R.T.: 0.000 min
Response: 2516385
Conc: 20.00 ug/ml



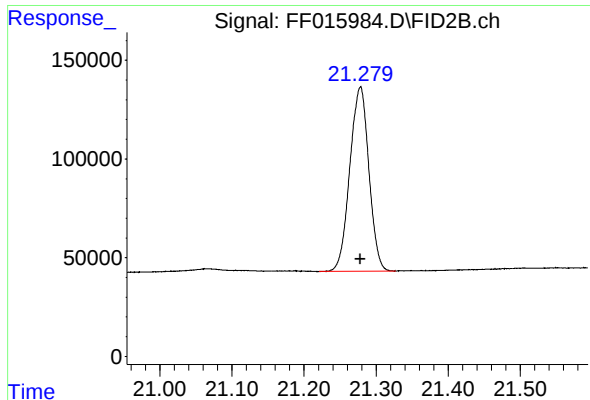
#19 n-Tetatriacontane (C34)

R.T.: 19.775 min
Delta R.T.: 0.000 min
Response: 2251586
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.516 min
Delta R.T.: 0.000 min
Response: 1914535
Conc: 20.00 ug/ml



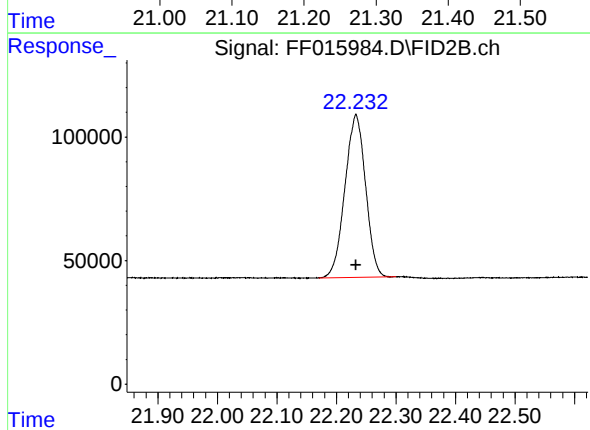
#21 n-Octatriacontane (C38)

R.T.: 21.278 min
Delta R.T.: 0.000 min
Response: 1717992
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.233 min
Delta R.T.: 0.000 min
Response: 1585696
Conc: 20.00 ug/ml