

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091724AL\
 Data File : FE050136.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2024 07:06
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/18/2024
 Supervised By :Ankita Jodhani 09/18/2024

Integration File: autoint1.e
 Quant Time: Sep 18 01:25:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.878	2897513	19.475 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	13.313	2199264	19.579 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
Target Compounds			
1) T n-Nonane (C9)	3.265	2594005	19.138 ug/ml
2) T n-Decane (C10)	4.516	2669116	19.340 ug/ml
3) T A~Naphthalene (C11.7)	6.226	2744744	19.610 ug/ml
4) T n-Dodecane (C12)	6.683	2672875	19.329 ug/ml
5) T A~2-methylnaphthalene...	7.322	2576878	19.605 ug/ml
6) T n-Tetradecane (C14)	8.511	2639487	19.384 ug/ml
7) T n-Hexadecane (C16)	10.116	2710711	19.515 ug/ml
8) T n-Octadecane (C18)	11.559	2730071	19.486 ug/ml
10) T n-Eicosane (C20)	12.867	2616420	19.505 ug/ml
11) T n-Heneicosane (C21)	13.478	2565524	19.525 ug/ml
13) T n-Docosane (C22)	14.064	2548630	19.572 ug/ml
14) T n-Tetracosane (C24)	15.165	2531941	19.388 ug/ml
15) T n-Hexacosane (C26)	16.186	2501788	19.554 ug/ml
16) T n-Octacosane (C28)	17.133	2551988	19.812 ug/mlm
17) T n-Tricontane (C30)	18.021	2696791	20.167 ug/ml
18) T n-Dotriacontane (C32)	18.853	2749450	20.633 ug/ml
19) T n-Tetratriacontane (C34)	19.636	2538797	20.547 ug/ml
20) T n-Hexatriacontane (C36)	20.374	2319108	20.902 ug/mlm
21) T n-Octatriacontane (C38)	21.101	2214624	20.082 ug/ml
22) T n-Tetracontane (C40)	21.995	1946541	17.889 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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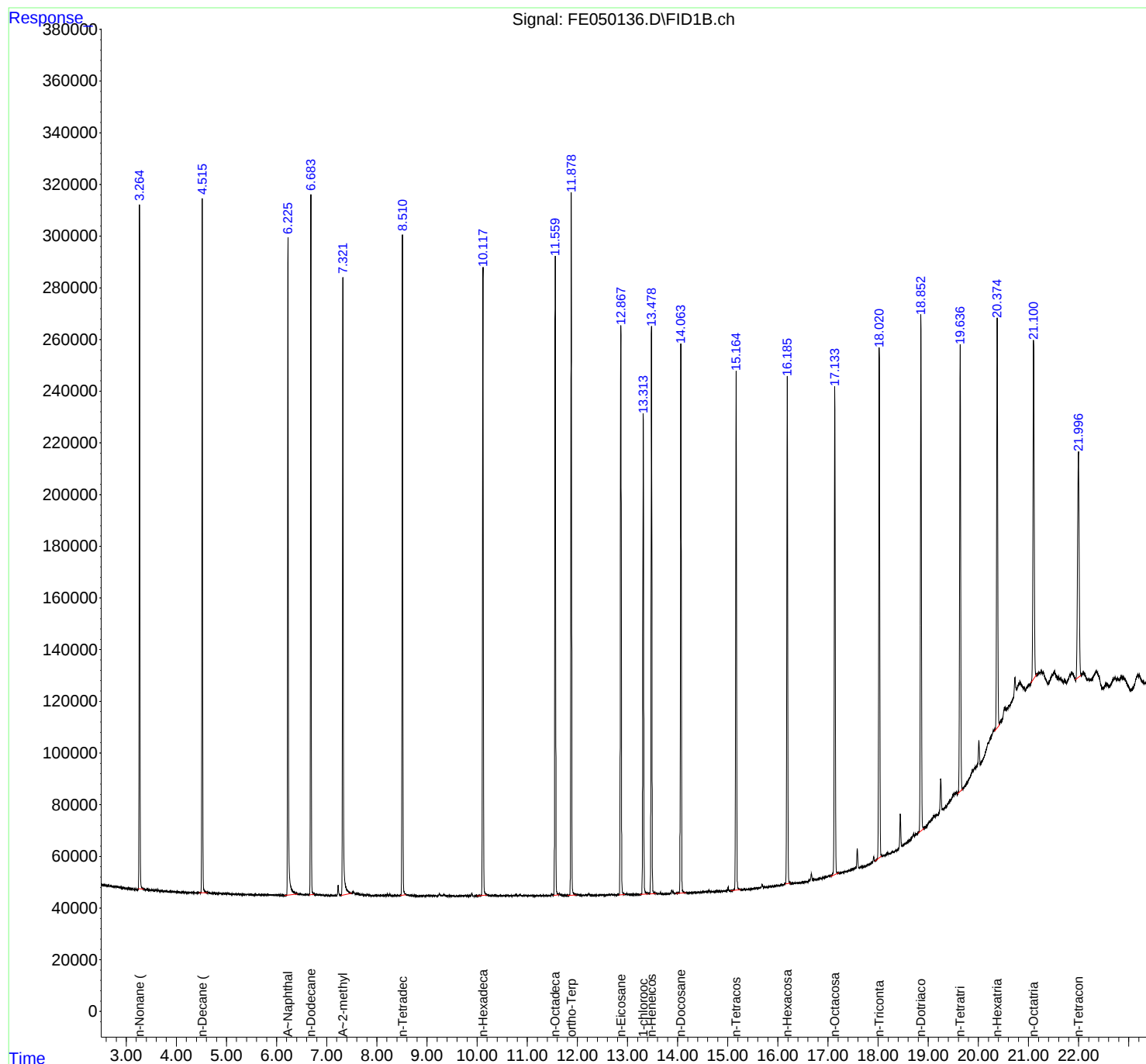
Instrument :
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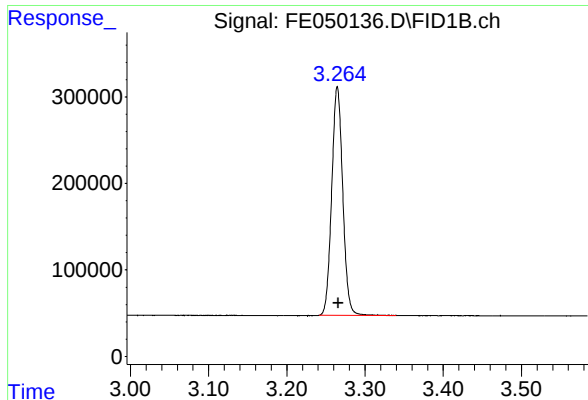
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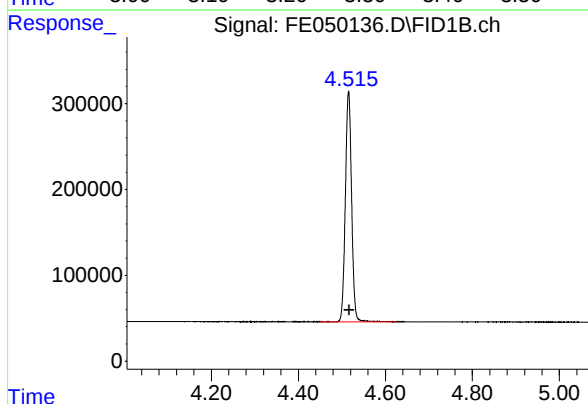
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.001 min
Response: 2594005
Conc: 19.14 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

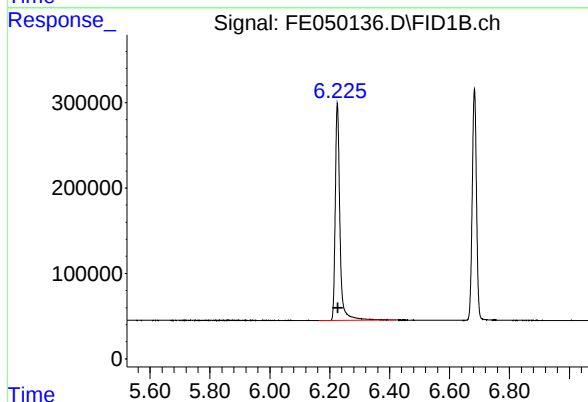
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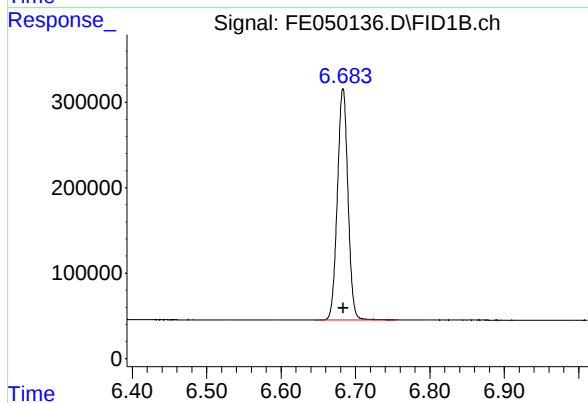
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.001 min
Response: 2669116
Conc: 19.34 ug/ml



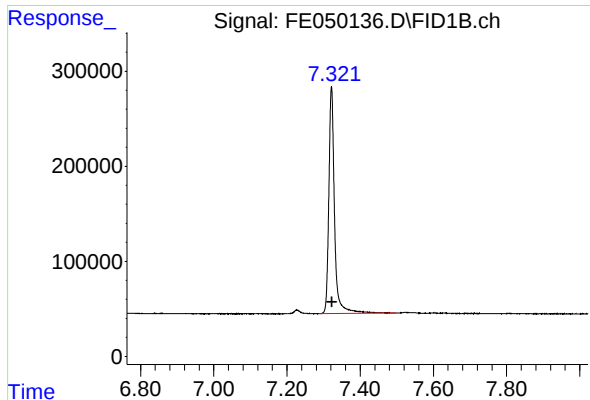
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.001 min
Response: 2744744
Conc: 19.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 2672875
Conc: 19.33 ug/ml



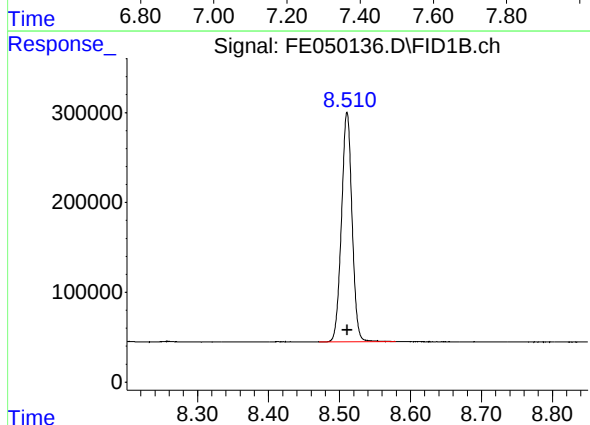
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.322 min
Delta R.T.: -0.001 min
Response: 2576878
Conc: 19.61 ug/ml

Instrument :
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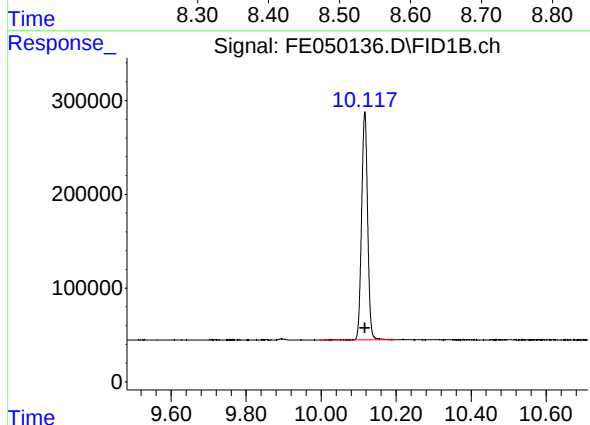
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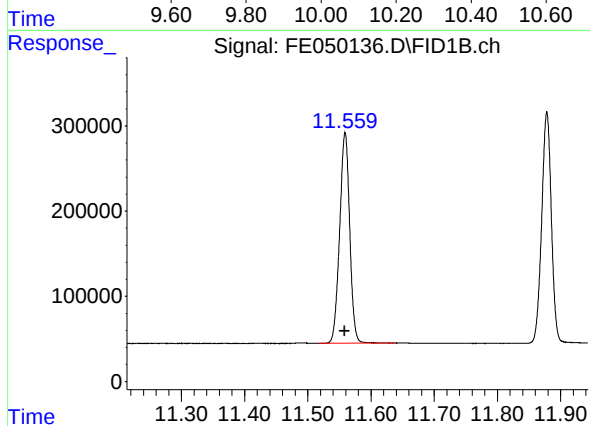
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 2639487
Conc: 19.38 ug/ml



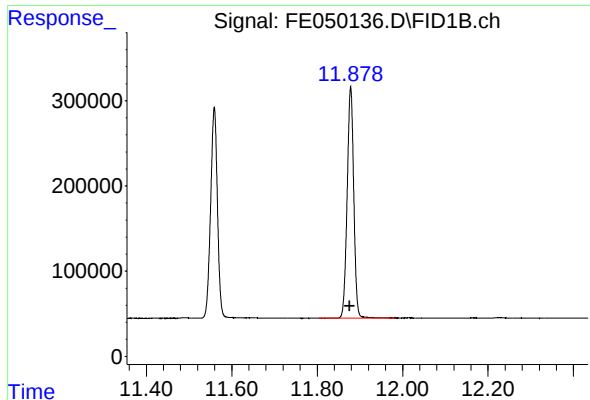
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: 0.000 min
Response: 2710711
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 2730071
Conc: 19.49 ug/ml



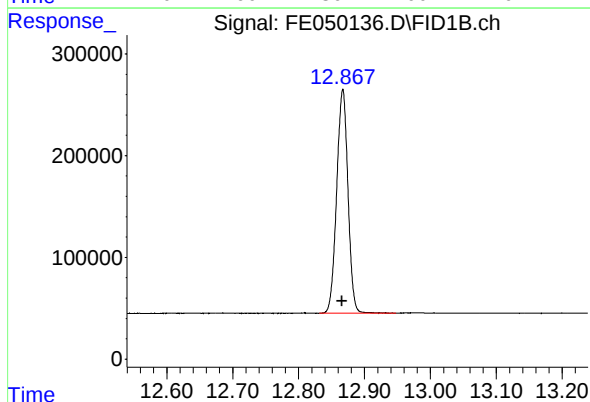
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: 0.002 min
Response: 2897513
Conc: 19.48 ug/ml

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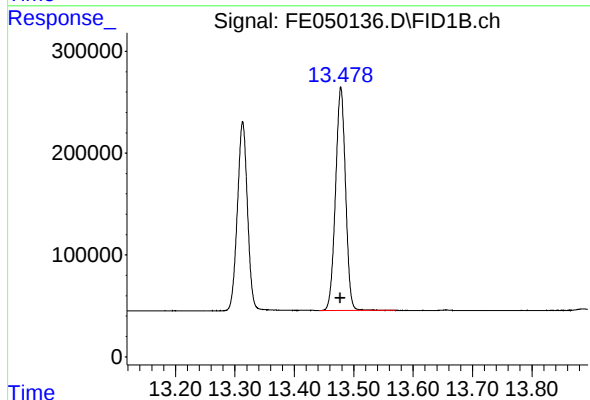
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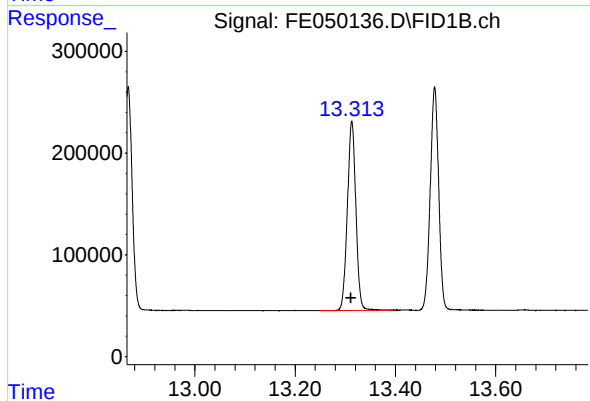
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.001 min
Response: 2616420
Conc: 19.50 ug/ml



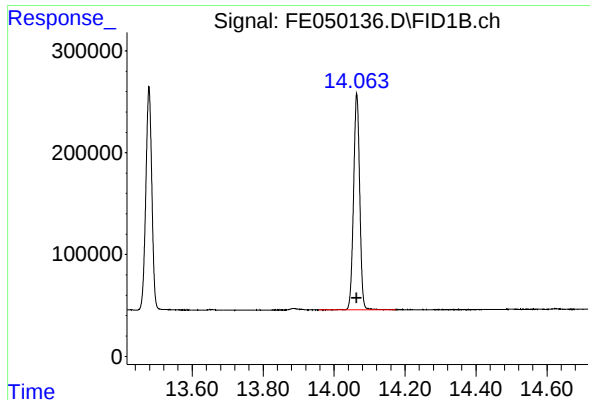
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: 0.001 min
Response: 2565524
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: 0.002 min
Response: 2199264
Conc: 19.58 ug/ml



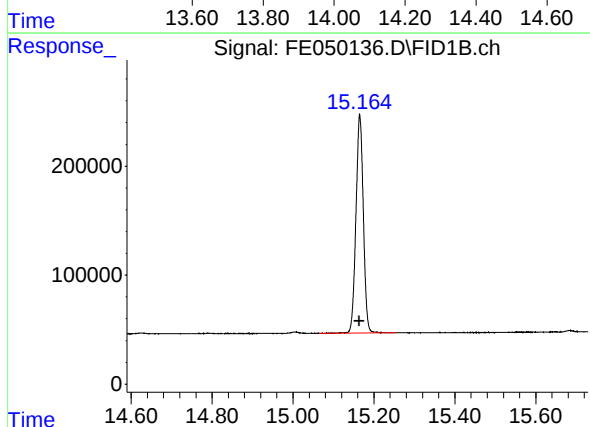
#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: 0.001 min
Response: 2548630
Conc: 19.57 ug/ml

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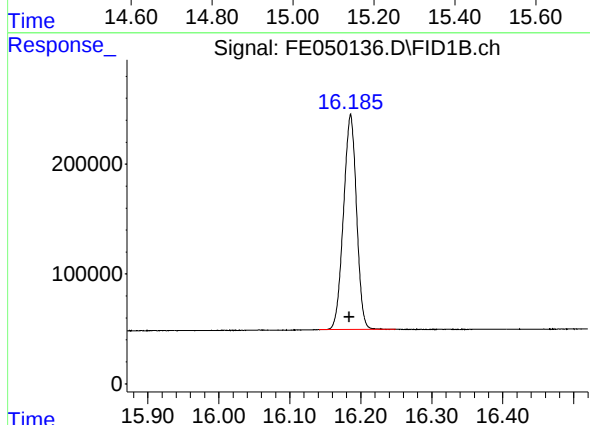
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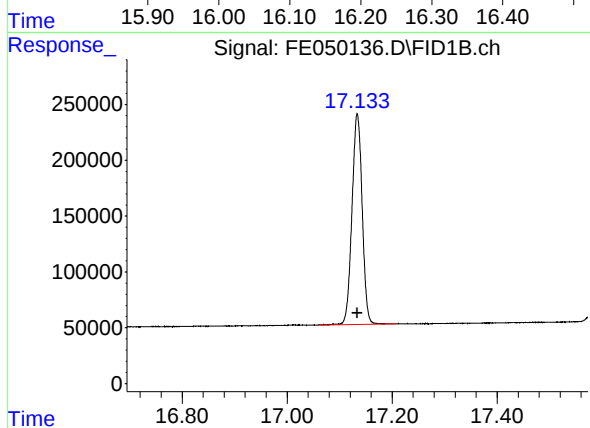
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: 0.000 min
Response: 2531941
Conc: 19.39 ug/ml



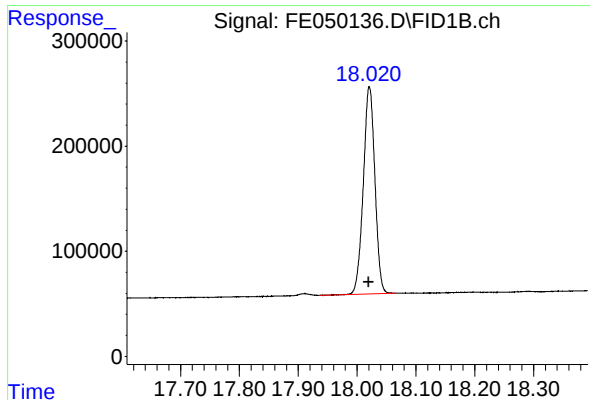
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: 0.002 min
Response: 2501788
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.133 min
Delta R.T.: 0.000 min
Response: 2551988
Conc: 19.81 ug/ml m



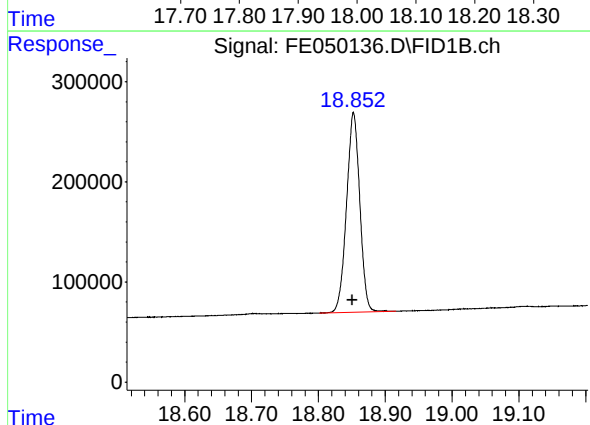
#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: 0.001 min
Response: 2696791
Conc: 20.17 ug/ml

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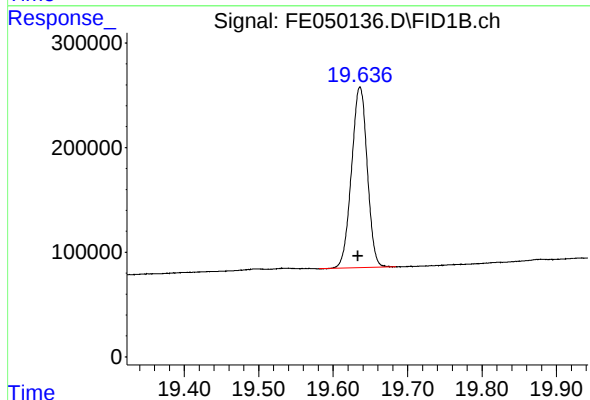
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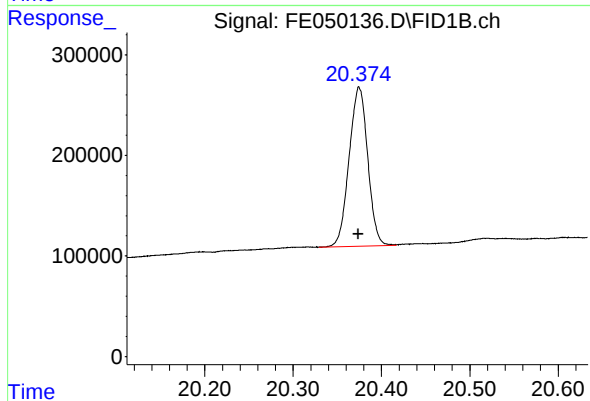
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: 0.002 min
Response: 2749450
Conc: 20.63 ug/ml



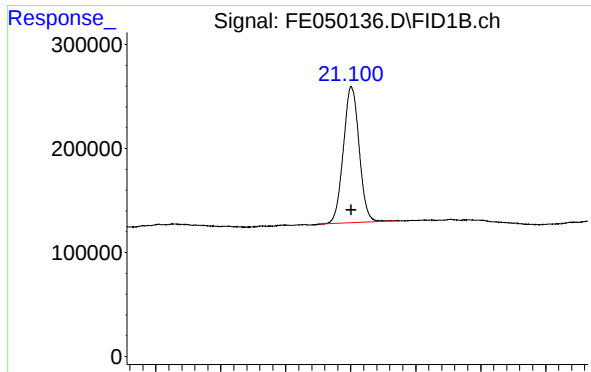
#19 n-Tetatriacontane (C34)

R.T.: 19.636 min
Delta R.T.: 0.002 min
Response: 2538797
Conc: 20.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: 0.000 min
Response: 2319108
Conc: 20.90 ug/ml m



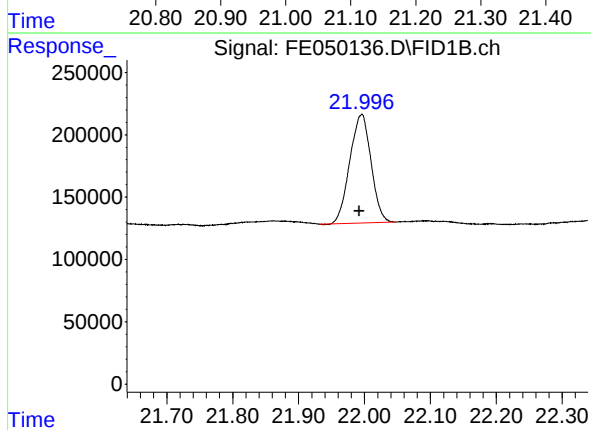
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.000 min
Response: 2214624
Conc: 20.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: 0.003 min
Response: 1946541
Conc: 17.89 ug/ml