

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020725AL\
 Data File : FE052307.D
 Signal(s) : FID1B.ch
 Acq On : 08 Feb 2025 00:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 08 02:29:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 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)	12.304	2532537	20.462 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
12) S 1-chlorooctadecane (S...	13.715	1987614	20.140 ug/mlm
Spiked Amount 50.000		Recovery =	40.28%
Target Compounds			
1) T n-Nonane (C9)	3.772	1926477	20.625 ug/ml
2) T n-Decane (C10)	4.999	2014332	20.976 ug/ml
3) T A~Naphthalene (C11.7)	6.701	2303264	21.552 ug/ml
4) T n-Dodecane (C12)	7.128	2107954	21.267 ug/ml
5) T A~2-methylnaphthalene...	7.782	2278809	21.758 ug/ml
6) T n-Tetradecane (C14)	8.936	2159838	21.403 ug/ml
7) T n-Hexadecane (C16)	10.531	2289633	21.100 ug/ml
8) T n-Octadecane (C18)	11.966	2348310	20.671 ug/ml
10) T n-Eicosane (C20)	13.268	2277556	20.182 ug/ml
11) T n-Heneicosane (C21)	13.877	2243299	19.920 ug/ml
13) T n-Docosane (C22)	14.460	2232660	19.725 ug/ml
14) T n-Tetracosane (C24)	15.558	2202932	19.160 ug/ml
15) T n-Hexacosane (C26)	16.574	2150272	18.750 ug/ml
16) T n-Octacosane (C28)	17.519	2095137	18.517 ug/ml
17) T n-Tricontane (C30)	18.403	2120589	18.610 ug/ml
18) T n-Dotriacontane (C32)	19.230	2031720	18.635 ug/ml
19) T n-Tetratriacontane (C34)	20.011	1777329	18.734 ug/ml
20) T n-Hexatriacontane (C36)	20.748	1557576	18.850 ug/ml
21) T n-Octatriacontane (C38)	21.560	1497117	20.152 ug/ml
22) T n-Tetracontane (C40)	22.596	1534200	20.578 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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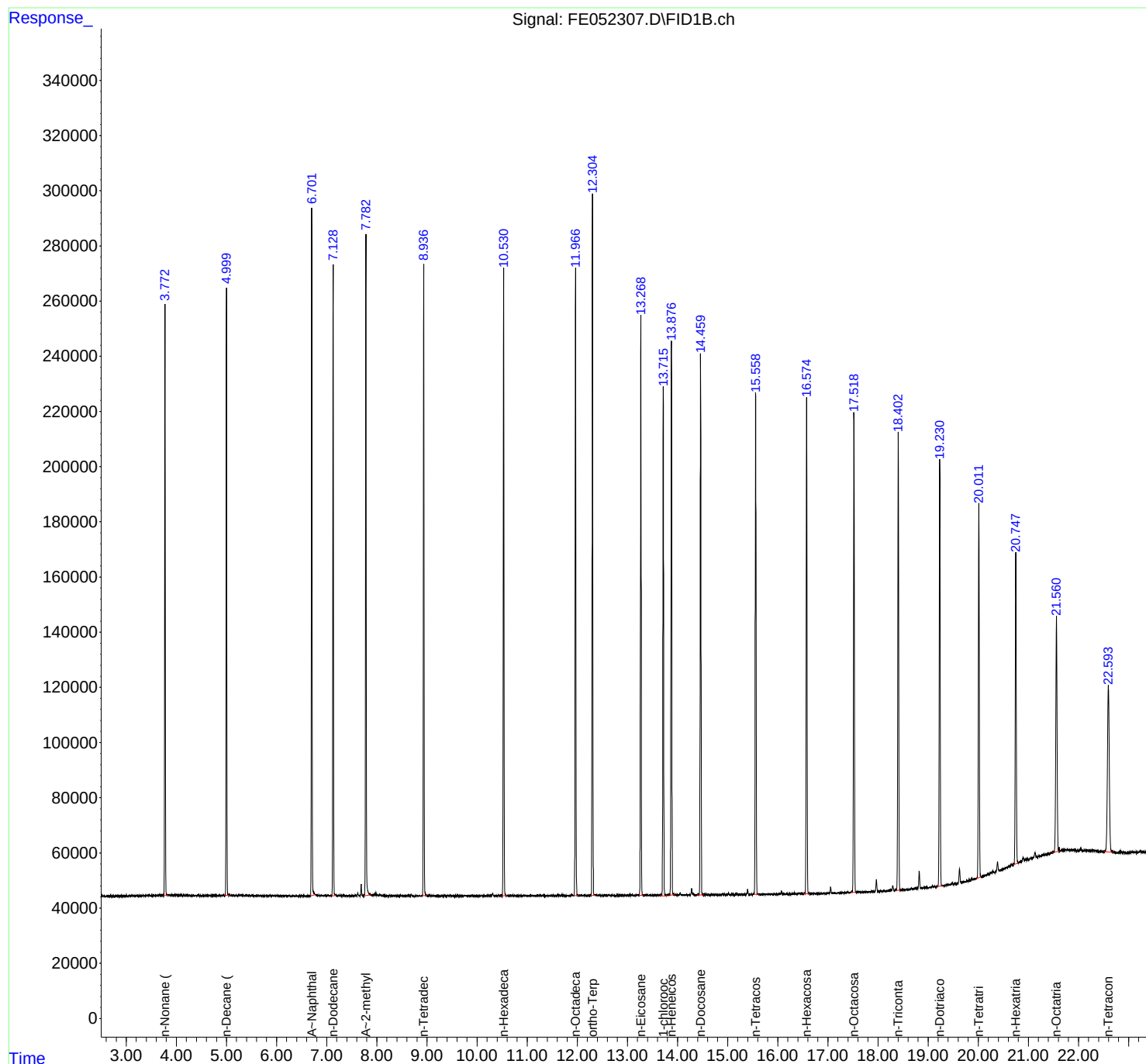
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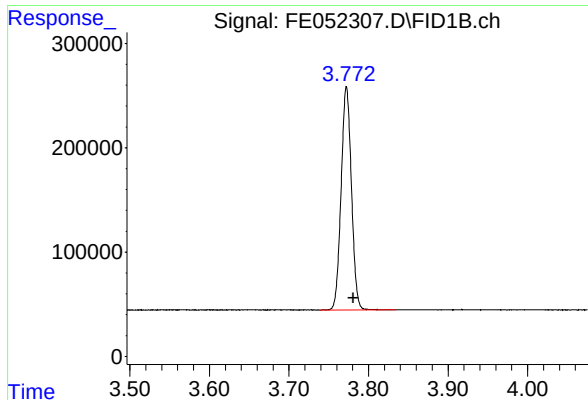
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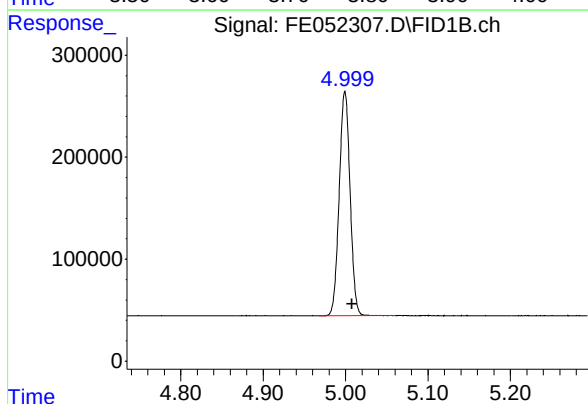
#1 n-Nonane (C9)

R.T.: 3.772 min
Delta R.T.: -0.009 min
Response: 1926477
Conc: 20.63 ug/ml

Instrument : FID_E
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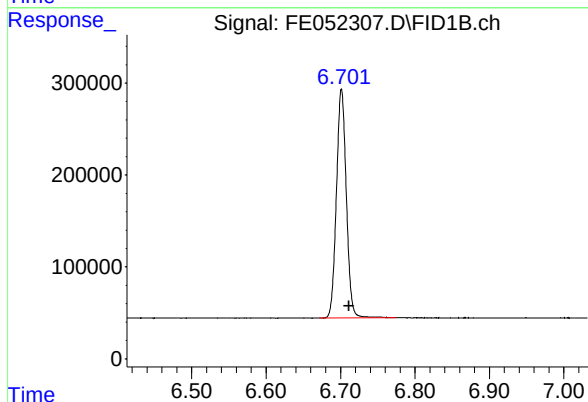
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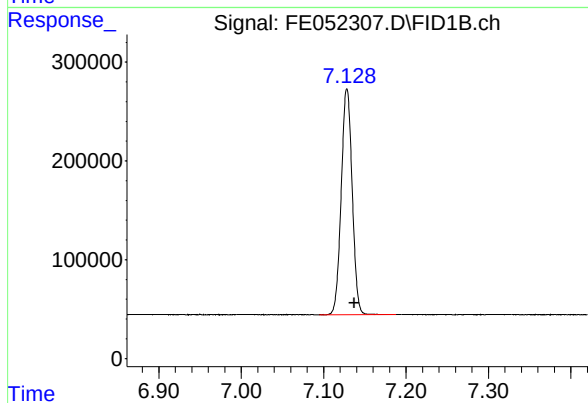
#2 n-Decane (C10)

R.T.: 4.999 min
Delta R.T.: -0.009 min
Response: 2014332
Conc: 20.98 ug/ml



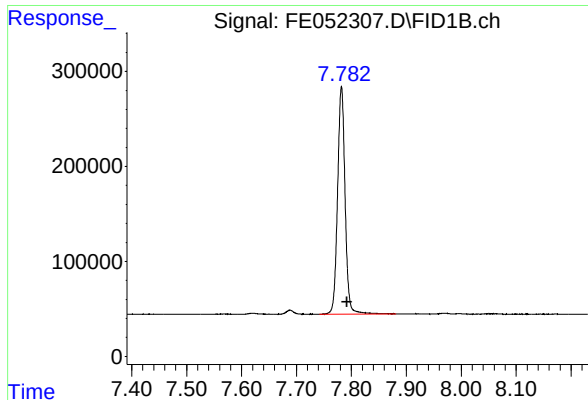
#3 A~Naphthalene (C11.7)

R.T.: 6.701 min
Delta R.T.: -0.010 min
Response: 2303264
Conc: 21.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.128 min
Delta R.T.: -0.009 min
Response: 2107954
Conc: 21.27 ug/ml



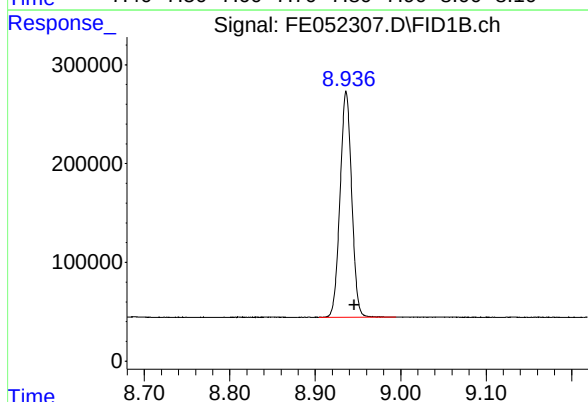
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.782 min
Delta R.T.: -0.010 min
Response: 2278809
Conc: 21.76 ug/ml

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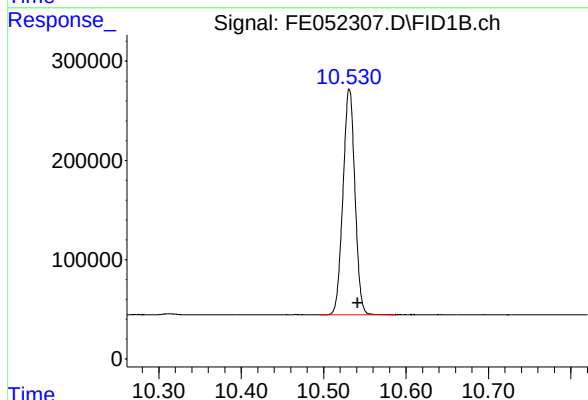
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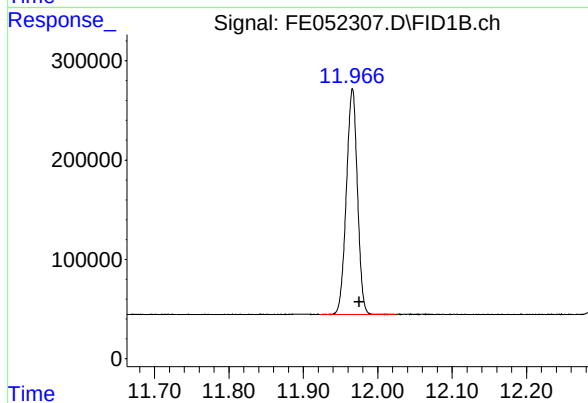
#6 n-Tetradecane (C14)

R.T.: 8.936 min
Delta R.T.: -0.010 min
Response: 2159838
Conc: 21.40 ug/ml



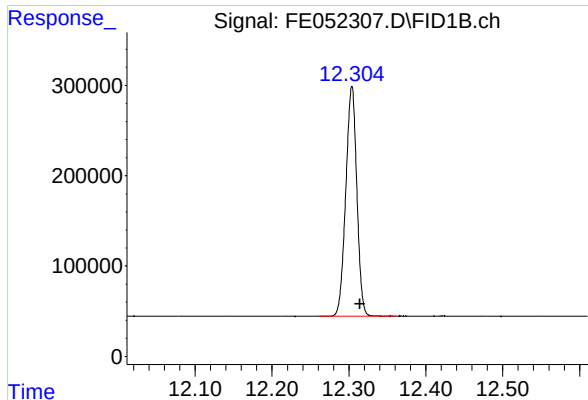
#7 n-Hexadecane (C16)

R.T.: 10.531 min
Delta R.T.: -0.010 min
Response: 2289633
Conc: 21.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.966 min
Delta R.T.: -0.010 min
Response: 2348310
Conc: 20.67 ug/ml



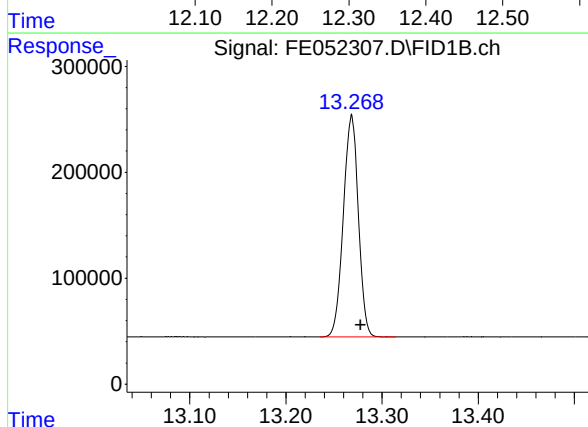
#9 ortho-Terphenyl (SURR)

R.T.: 12.304 min
Delta R.T.: -0.011 min
Response: 2532537
Conc: 20.46 ug/ml

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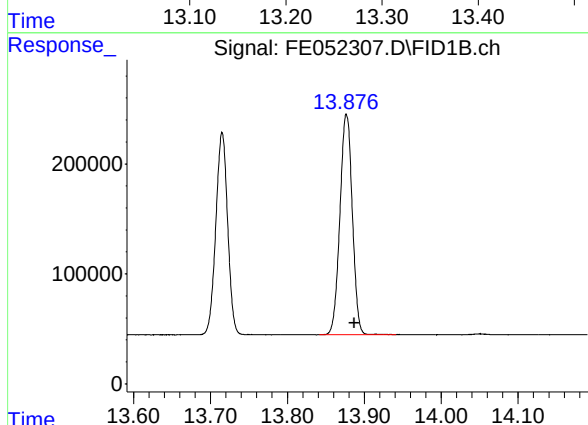
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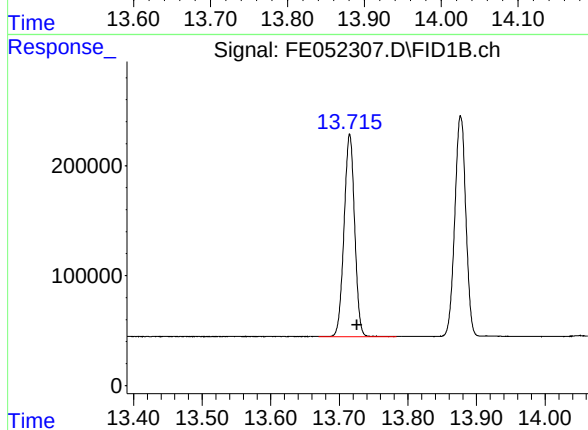
#10 n-Eicosane (C20)

R.T.: 13.268 min
Delta R.T.: -0.010 min
Response: 2277556
Conc: 20.18 ug/ml



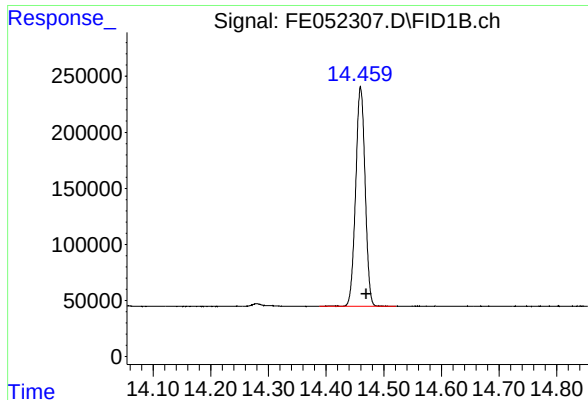
#11 n-Heneicosane (C21)

R.T.: 13.877 min
Delta R.T.: -0.010 min
Response: 2243299
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.715 min
Delta R.T.: -0.011 min
Response: 1987614
Conc: 20.14 ug/ml m



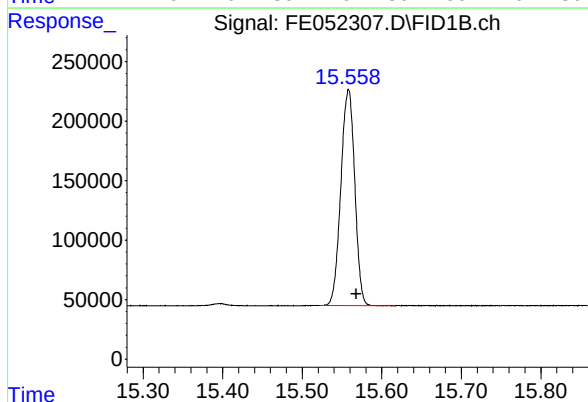
#13 n-Docosane (C22)

R.T.: 14.460 min
Delta R.T.: -0.010 min
Response: 2232660
Conc: 19.72 ug/ml

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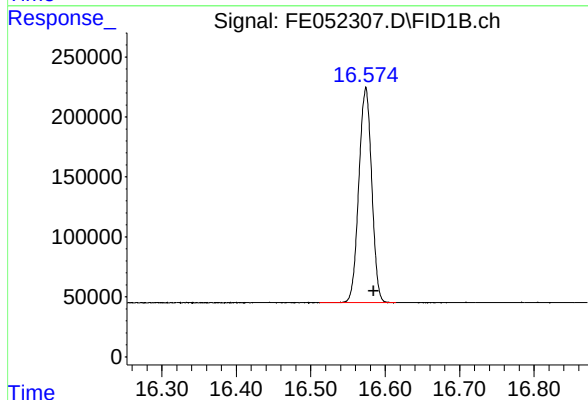
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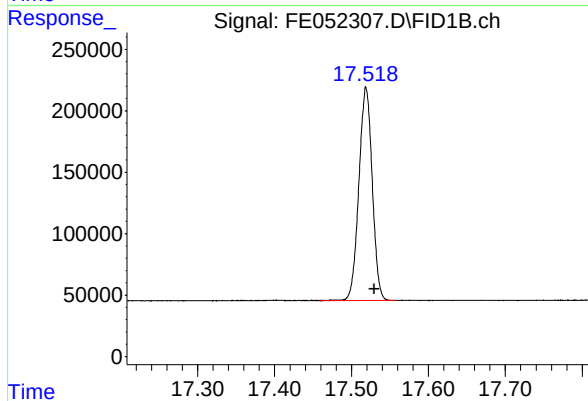
#14 n-Tetracosane (C24)

R.T.: 15.558 min
Delta R.T.: -0.010 min
Response: 2202932
Conc: 19.16 ug/ml



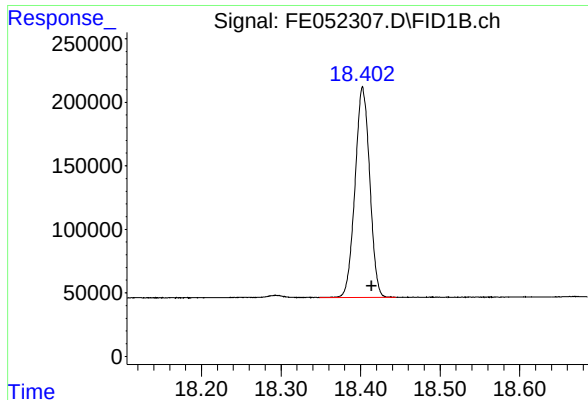
#15 n-Hexacosane (C26)

R.T.: 16.574 min
Delta R.T.: -0.011 min
Response: 2150272
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.519 min
Delta R.T.: -0.011 min
Response: 2095137
Conc: 18.52 ug/ml



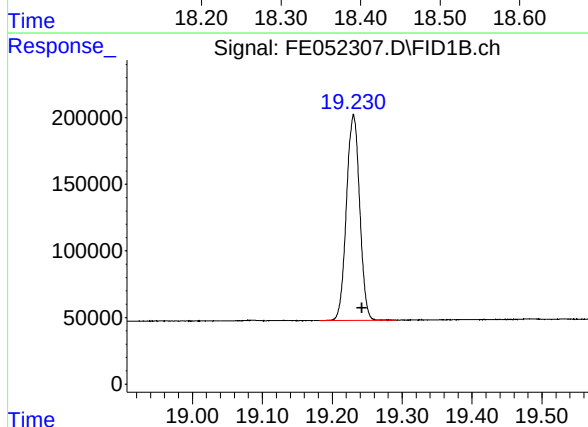
#17 n-Tricontane (C30)

R.T.: 18.403 min
Delta R.T.: -0.011 min
Response: 2120589
Conc: 18.61 ug/ml

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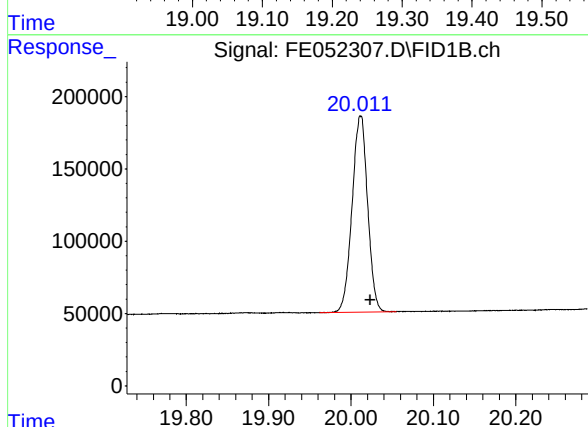
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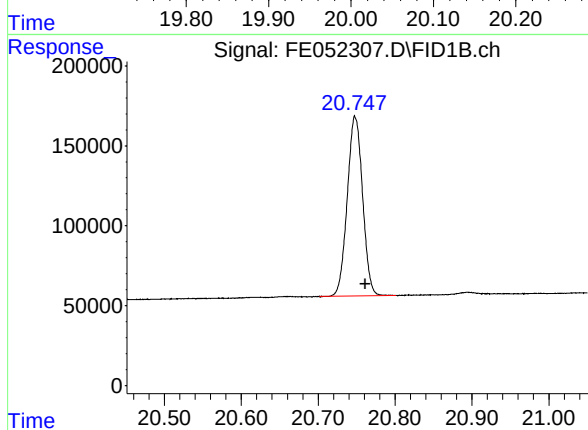
#18 n-Dotriacontane (C32)

R.T.: 19.230 min
Delta R.T.: -0.012 min
Response: 2031720
Conc: 18.64 ug/ml



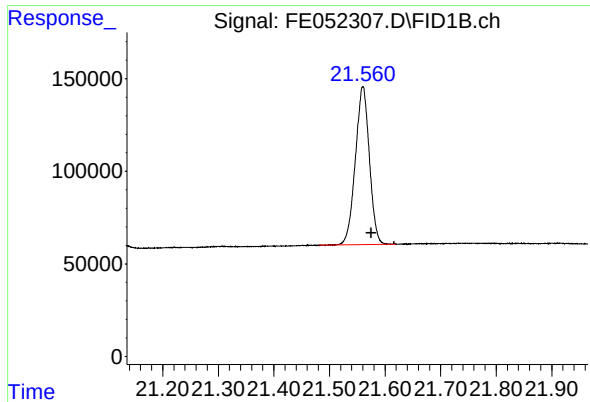
#19 n-Tetatriacontane (C34)

R.T.: 20.011 min
Delta R.T.: -0.012 min
Response: 1777329
Conc: 18.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.748 min
Delta R.T.: -0.013 min
Response: 1557576
Conc: 18.85 ug/ml



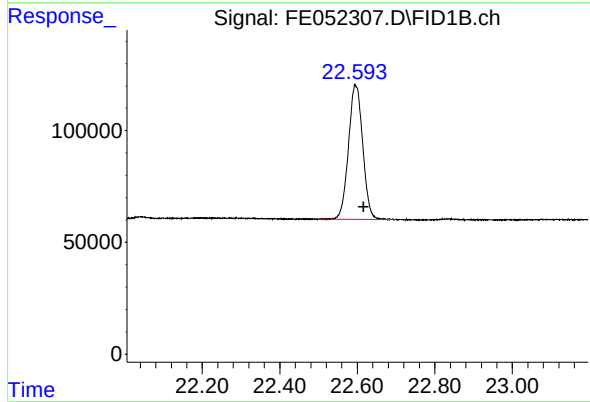
#21 n-Octatriacontane (C38)

R.T.: 21.560 min
Delta R.T.: -0.015 min
Response: 1497117
Conc: 20.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.596 min
Delta R.T.: -0.020 min
Response: 1534200
Conc: 20.58 ug/ml