

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054354.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 23:14
 Operator : YP\AJ
 Sample : Q2295-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP01-MH1-WCMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 13 05:43:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.826	5551661	33.598 ug/ml
Spiked Amount 50.000		Recovery =	67.20%
12) S 1-chlorooctadecane (S...	13.270	4499308	36.895 ug/mlm
Spiked Amount 50.000		Recovery =	73.79%
Target Compounds			
1) T n-Nonane (C9)	3.177	3685253	29.677 ug/ml
2) T n-Decane (C10)	4.440	4044153	32.548 ug/ml
3) T A~Naphthalene (C11.7)	6.152	5112307	37.829 ug/ml
4) T n-Dodecane (C12)	6.620	4553900	35.764 ug/ml
5) T A~2-methylnaphthalene...	7.255	4932767	37.242 ug/ml
6) T n-Tetradecane (C14)	8.455	5021871	38.790 ug/ml
7) T n-Hexadecane (C16)	10.066	5593404	42.107 ug/ml
8) T n-Octadecane (C18)	11.514	5950688	44.068 ug/ml
10) T n-Eicosane (C20)	12.826	6247864	46.704 ug/ml
11) T n-Heneicosane (C21)	13.439	5999683	45.121 ug/ml
13) T n-Docosane (C22)	14.026	5960294	45.456 ug/ml
14) T n-Tetracosane (C24)	15.126	12419855	96.282 ug/ml
15) T n-Hexacosane (C26)	16.155	5782139	46.062 ug/ml
16) T n-Octacosane (C28)	17.106	6000879	48.934 ug/mlm
17) T n-Tricontane (C30)	17.996	5628027	45.408 ug/ml
18) T n-Dotriacontane (C32)	18.827	5296307	42.153 ug/mlm
19) T n-Tetratriacontane (C34)	19.612	3508020	28.198 ug/mlm
20) T n-Hexatriacontane (C36)	20.351	1867574	14.508 ug/mlm
21) T n-Octatriacontane (C38)	21.077	961783	7.284 ug/mlm
22) T n-Tetracontane (C40)	21.963	570699	4.237 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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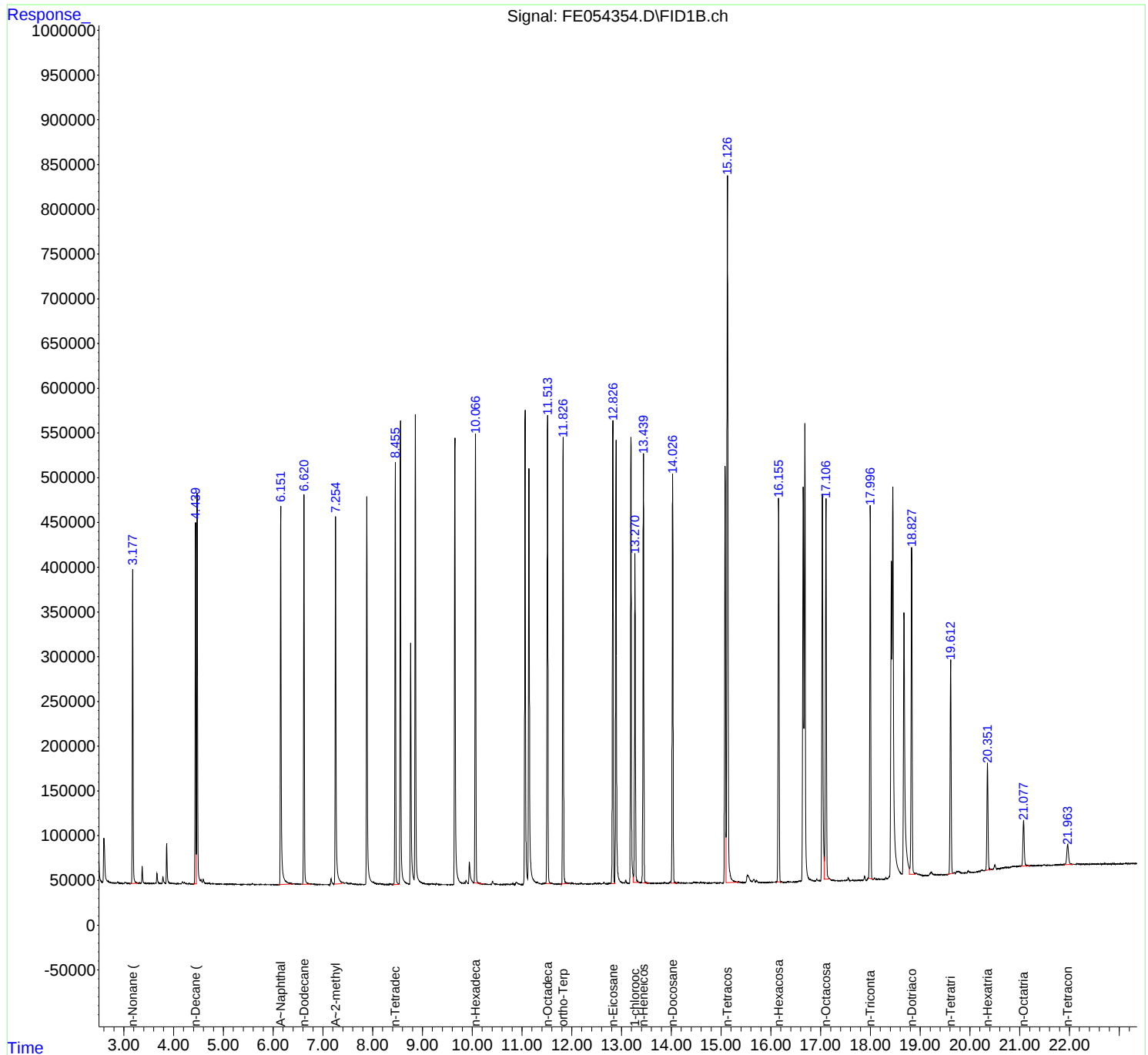
Instrument :
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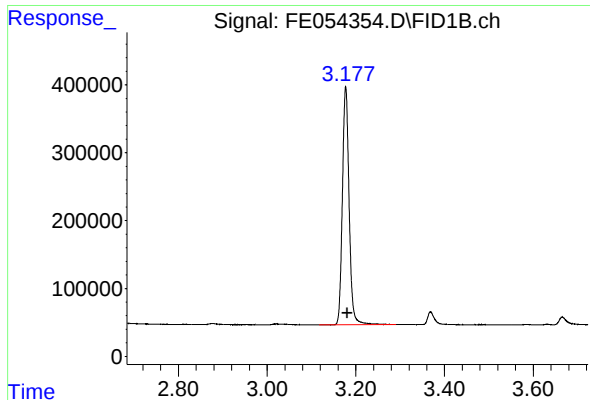
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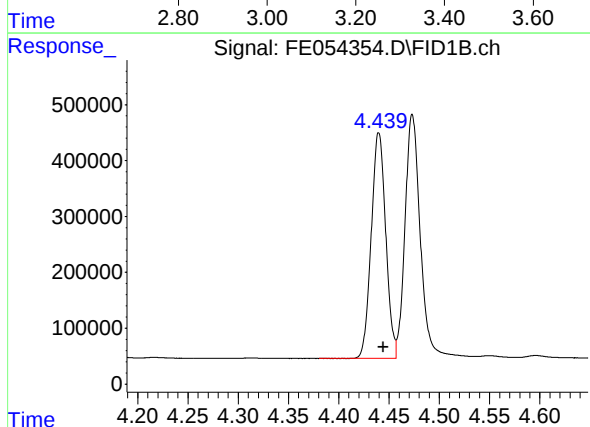
#1 n-Nonane (C9)

R.T.: 3.177 min
Delta R.T.: -0.004 min
Response: 3685253
Conc: 29.68 ug/ml

Instrument :
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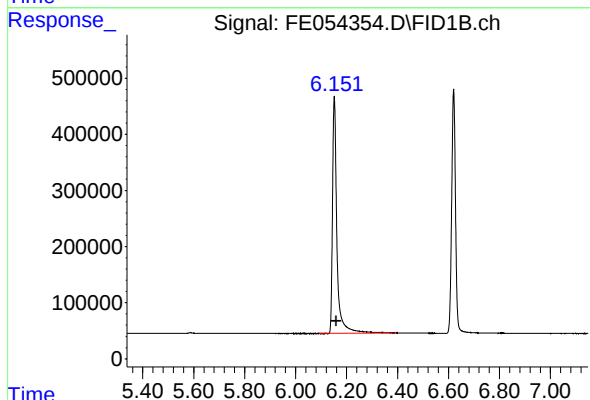
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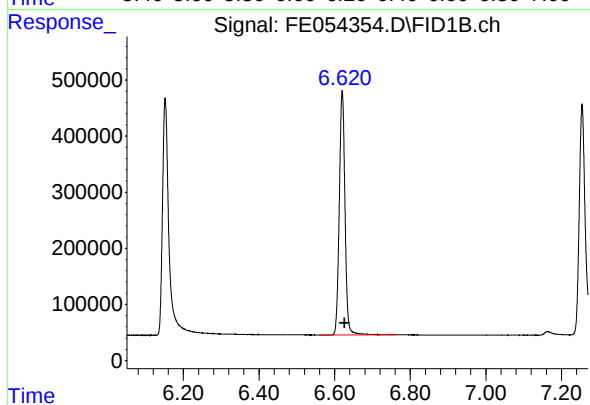
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.004 min
Response: 4044153
Conc: 32.55 ug/ml



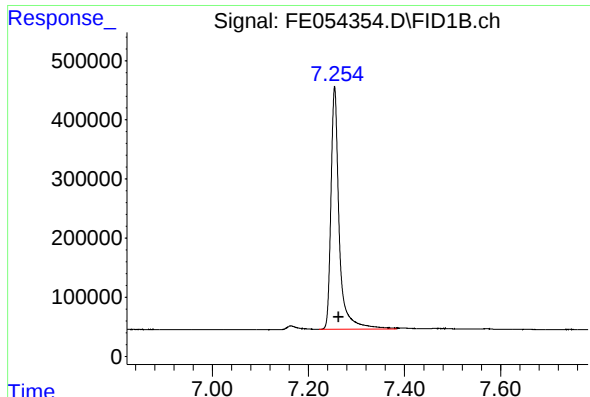
#3 A~Naphthalene (C11.7)

R.T.: 6.152 min
Delta R.T.: -0.008 min
Response: 5112307
Conc: 37.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: -0.006 min
Response: 4553900
Conc: 35.76 ug/ml



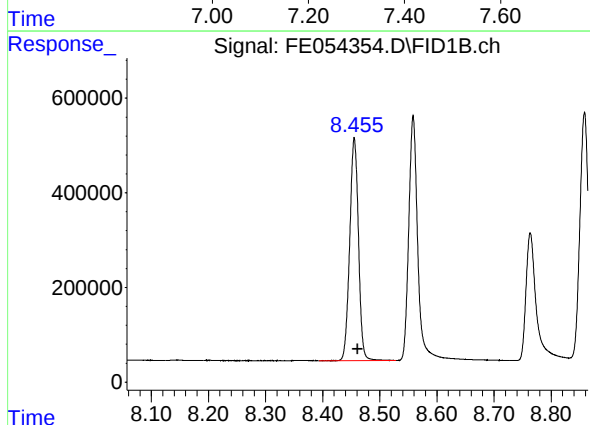
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: -0.008 min
Response: 4932767
Conc: 37.24 ug/ml

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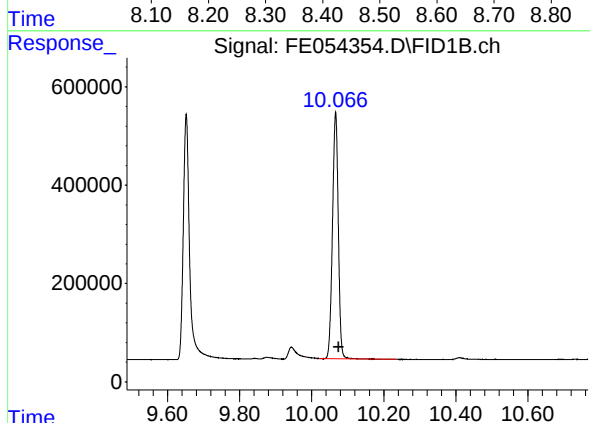
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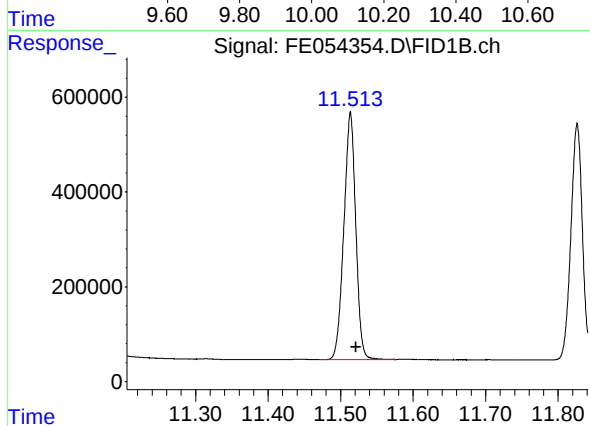
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: -0.006 min
Response: 5021871
Conc: 38.79 ug/ml



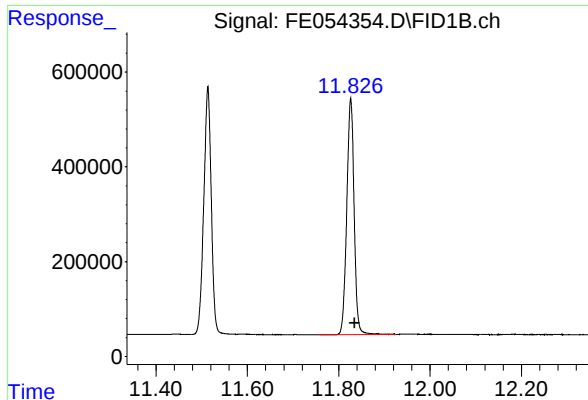
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.008 min
Response: 5593404
Conc: 42.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.008 min
Response: 5950688
Conc: 44.07 ug/ml



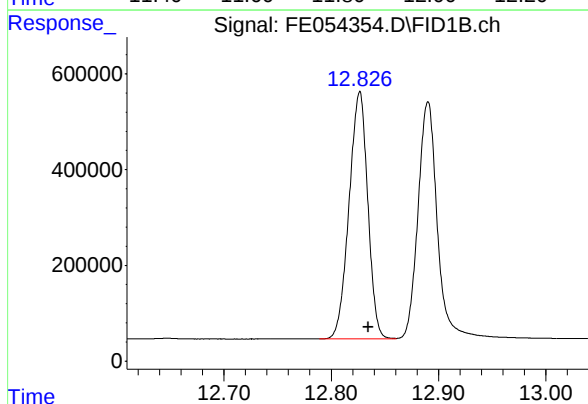
#9 ortho-Terphenyl (SURR)

R.T.: 11.826 min
Delta R.T.: -0.009 min
Response: 5551661
Conc: 33.60 ug/ml

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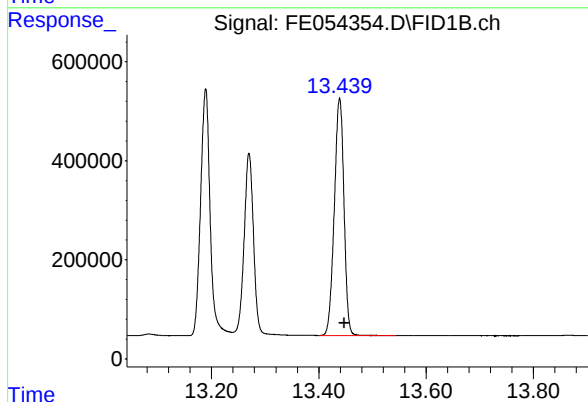
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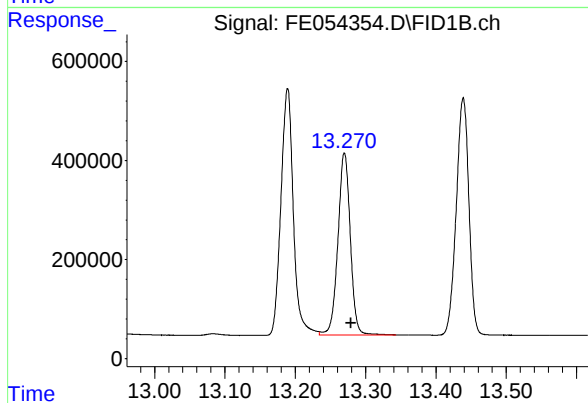
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.008 min
Response: 6247864
Conc: 46.70 ug/ml



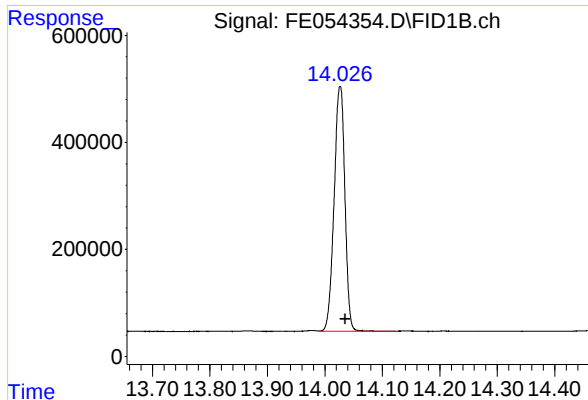
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.009 min
Response: 5999683
Conc: 45.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.010 min
Response: 4499308
Conc: 36.90 ug/ml m



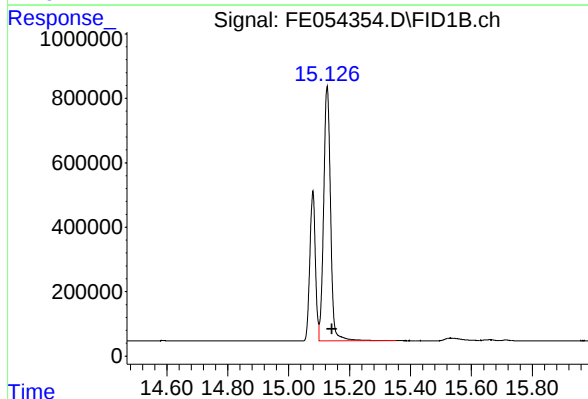
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.009 min
Response: 5960294
Conc: 45.46 ug/ml

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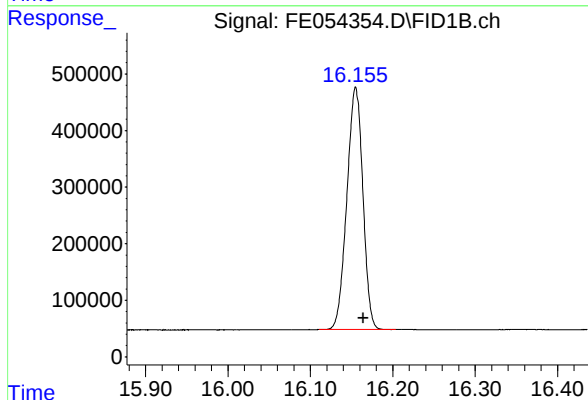
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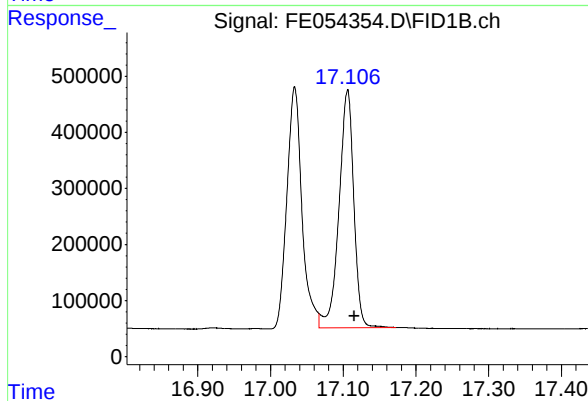
#14 n-Tetracosane (C24)

R.T.: 15.126 min
Delta R.T.: -0.015 min
Response: 12419855
Conc: 96.28 ug/ml



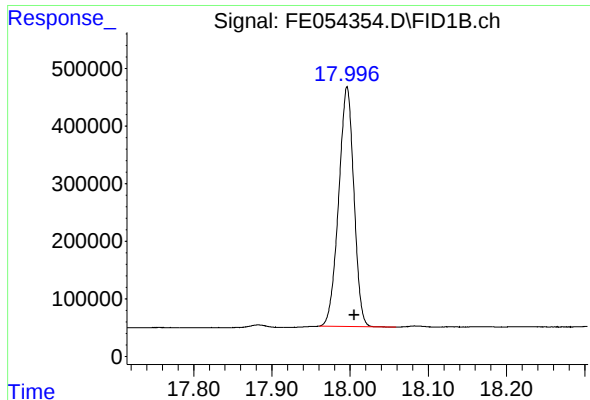
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.009 min
Response: 5782139
Conc: 46.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.009 min
Response: 6000879
Conc: 48.93 ug/ml m



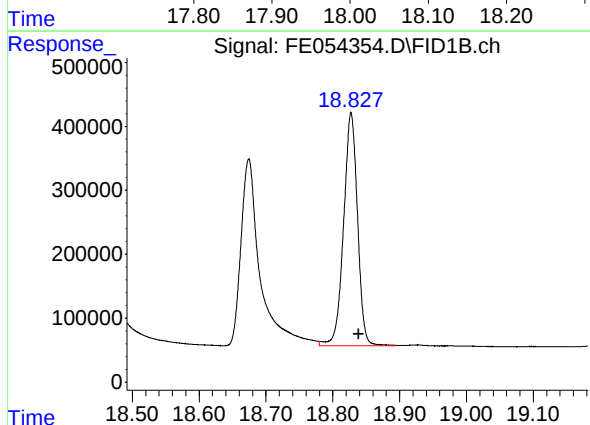
#17 n-Tricontane (C30)

R.T.: 17.996 min
Delta R.T.: -0.009 min
Response: 5628027
Conc: 45.41 ug/ml

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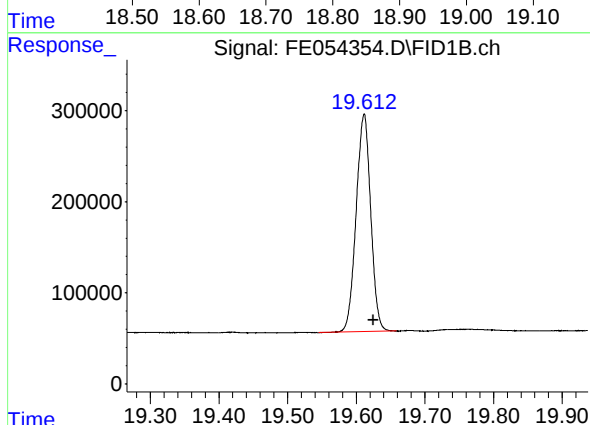
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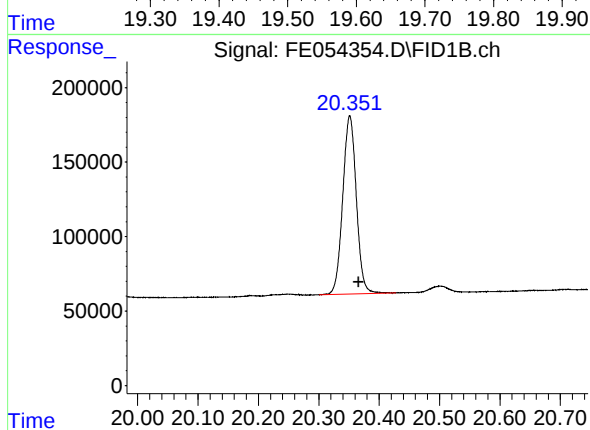
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.012 min
Response: 5296307
Conc: 42.15 ug/ml m



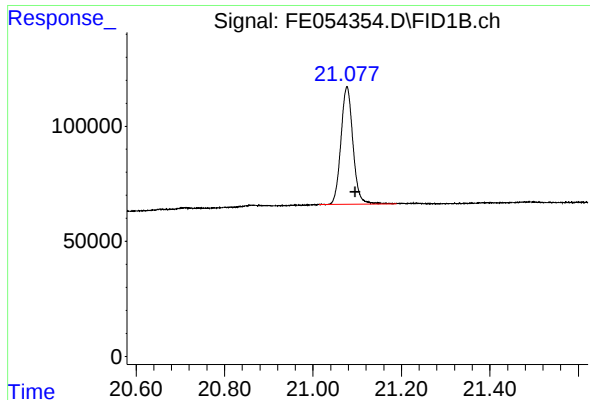
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.014 min
Response: 3508020
Conc: 28.20 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.351 min
Delta R.T.: -0.015 min
Response: 1867574
Conc: 14.51 ug/ml m



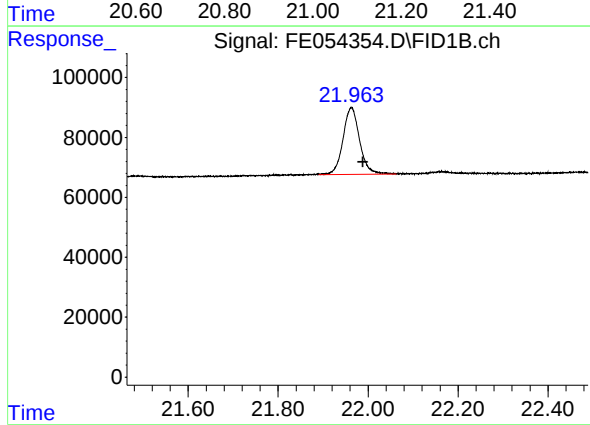
#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.019 min
Response: 961783
Conc: 7.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.025 min
Response: 570699
Conc: 4.24 ug/ml m