

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010625AL\
 Data File : FE051845.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jan 2025 15:13
 Operator : YP\AJ
 Sample : Q1009-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-03-1-03-2025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File: autoint1.e
 Quant Time: Jan 07 00:28:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.121	4174124	28.797 ug/ml
Spiked Amount 50.000		Recovery =	57.59%
12) S 1-chlorooctadecane (S...	13.549	3537388	30.784 ug/ml
Spiked Amount 50.000		Recovery =	61.57%
Target Compounds			
1) T n-Nonane (C9)	3.532	3186093	28.846 ug/ml
2) T n-Decane (C10)	4.773	3694586	32.468 ug/ml
3) T A~Naphthalene (C11.7)	6.476	4807748	37.697 ug/ml
4) T n-Dodecane (C12)	6.925	4570185	38.917 ug/ml
5) T A~2-methylnaphthalene...	7.567	5065457	40.473 ug/ml
6) T n-Tetradecane (C14)	8.750	5782791	48.231 ug/ml
7) T n-Hexadecane (C16)	10.354	6478168	50.622 ug/ml
8) T n-Octadecane (C18)	11.796	6774824	50.913 ug/ml
10) T n-Eicosane (C20)	13.107	6768159	51.439 ug/ml
11) T n-Heneicosane (C21)	13.718	6302935	47.959 ug/ml
13) T n-Docosane (C22)	14.304	6103401	46.524 ug/ml
14) T n-Tetracosane (C24)	15.403	11550549	87.202 ug/ml
15) T n-Hexacosane (C26)	16.428	5485495	41.807 ug/mlm
16) T n-Octacosane (C28)	17.376	5529259	42.824 ug/ml
17) T n-Tricontane (C30)	18.265	5385408	40.966 ug/ml
18) T n-Dotriacontane (C32)	19.096	5018480	39.545 ug/ml
19) T n-Tetratriacontane (C34)	19.879	4820211	43.383 ug/mlm
20) T n-Hexatriacontane (C36)	20.616	4517929	45.794 ug/mlm
21) T n-Octatriacontane (C38)	21.404	4184655	44.198 ug/mlm
22) T n-Tetracontane (C40)	22.396	3685676	40.039 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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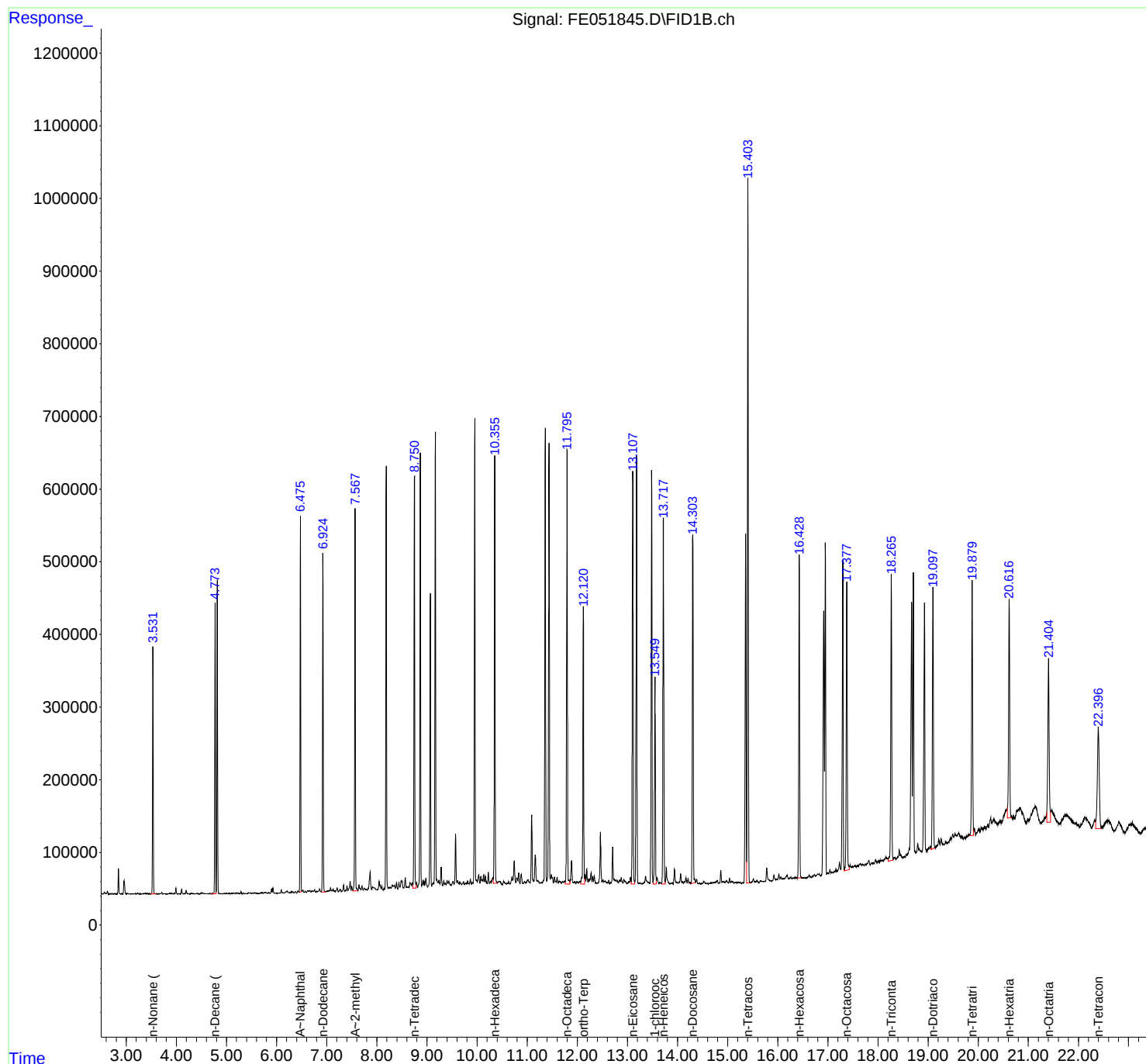
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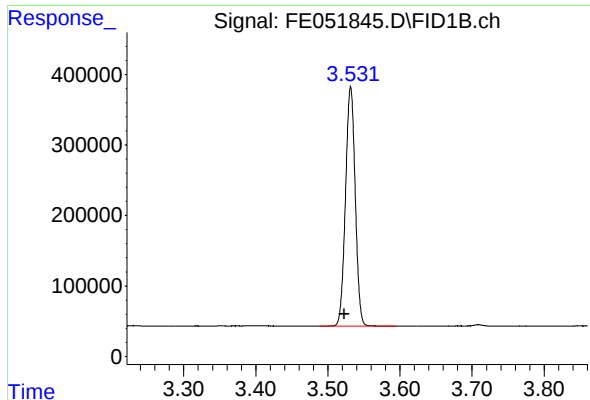
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.532 min
Delta R.T.: 0.009 min
Response: 3186093
Conc: 28.85 ug/ml

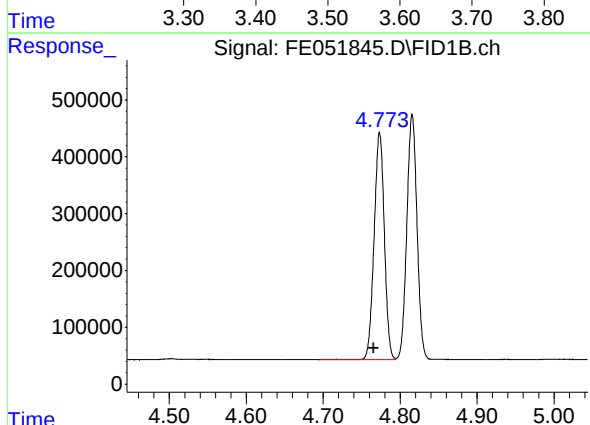
Instrument :

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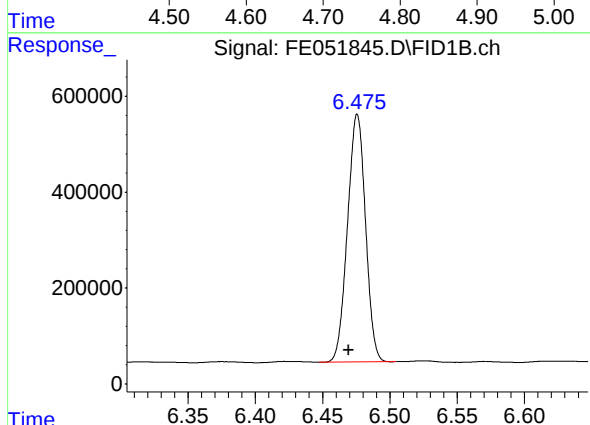
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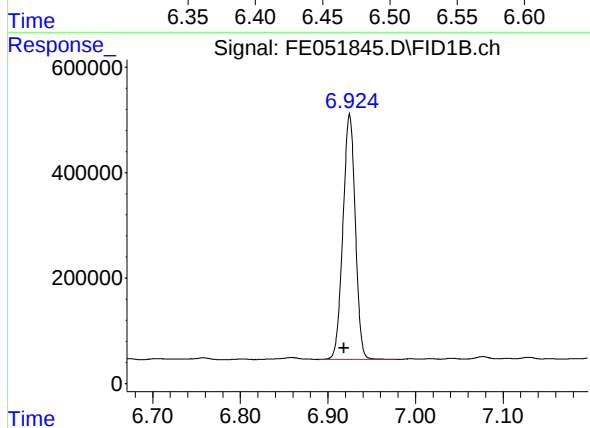
#2 n-Decane (C10)

R.T.: 4.773 min
Delta R.T.: 0.008 min
Response: 3694586
Conc: 32.47 ug/ml



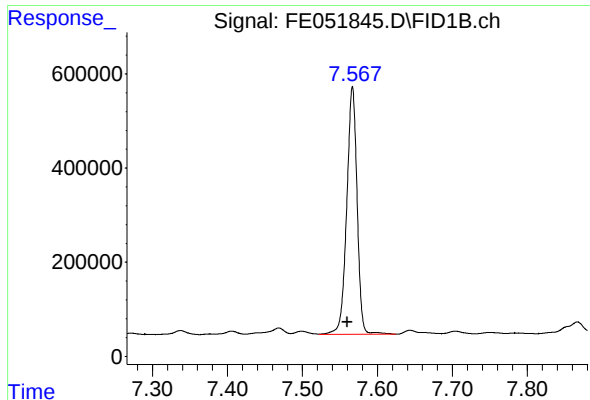
#3 A~Naphthalene (C11.7)

R.T.: 6.476 min
Delta R.T.: 0.006 min
Response: 4807748
Conc: 37.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.925 min
Delta R.T.: 0.006 min
Response: 4570185
Conc: 38.92 ug/ml



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

R.T.: 7.567 min
Delta R.T.: 0.007 min
Response: 5065457
Conc: 40.47 ug/ml

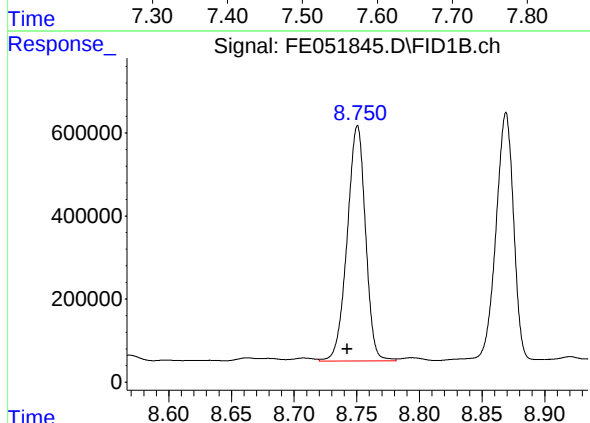
Instrument :

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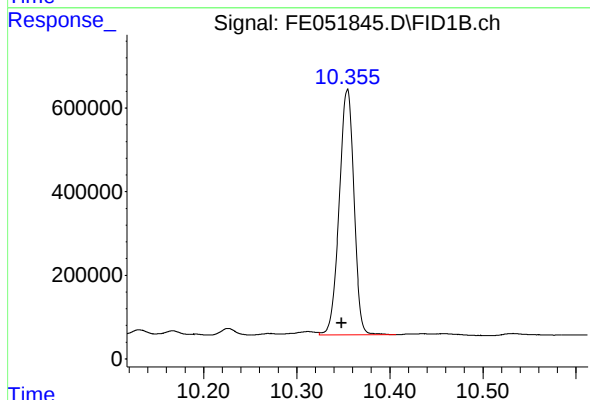
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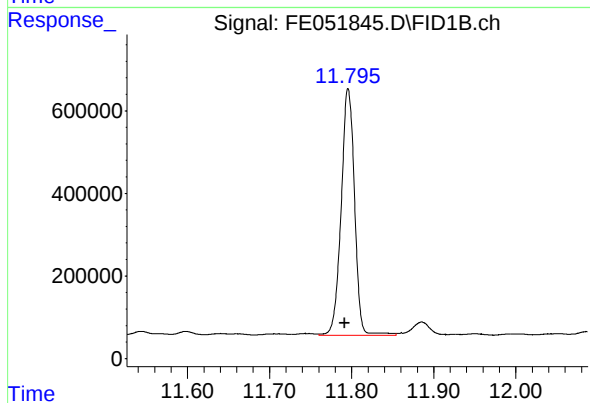
#6 n-Tetradecane (C14)

R.T.: 8.750 min
Delta R.T.: 0.008 min
Response: 5782791
Conc: 48.23 ug/ml



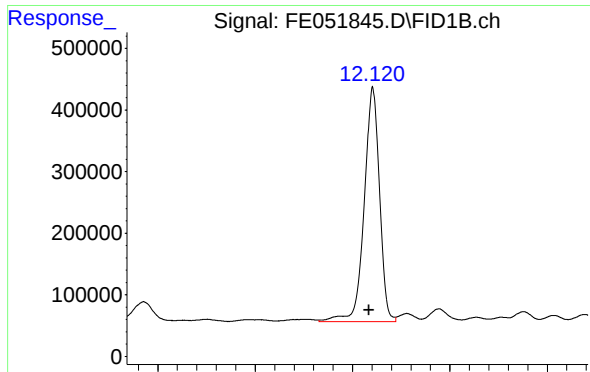
#7 n-Hexadecane (C16)

R.T.: 10.354 min
Delta R.T.: 0.006 min
Response: 6478168
Conc: 50.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.796 min
Delta R.T.: 0.004 min
Response: 6774824
Conc: 50.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.121 min
Delta R.T.: 0.004 min
Response: 4174124
Conc: 28.80 ug/ml

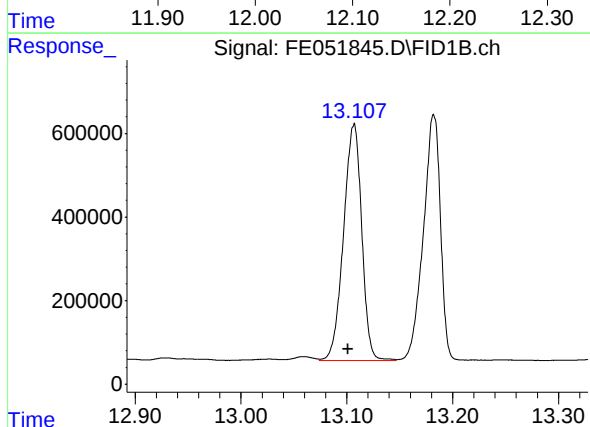
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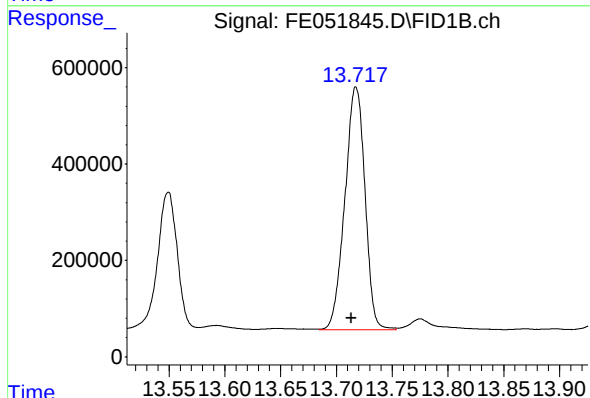
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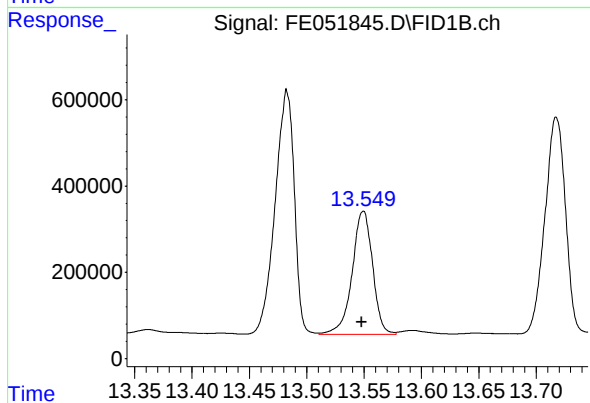
#10 n-Eicosane (C20)

R.T.: 13.107 min
Delta R.T.: 0.006 min
Response: 6768159
Conc: 51.44 ug/ml



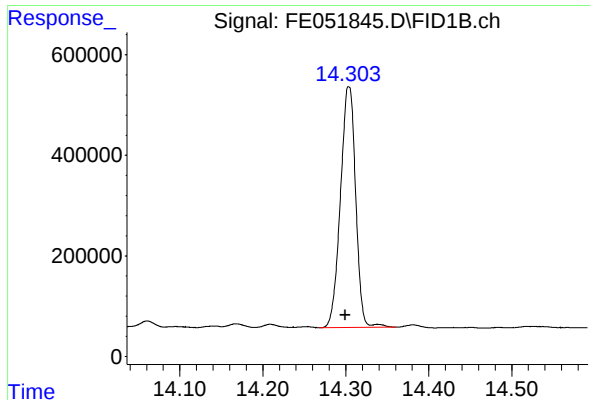
#11 n-Heneicosane (C21)

R.T.: 13.718 min
Delta R.T.: 0.004 min
Response: 6302935
Conc: 47.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.549 min
Delta R.T.: 0.001 min
Response: 3537388
Conc: 30.78 ug/ml



#13 n-Docosane (C22)

R.T.: 14.304 min
Delta R.T.: 0.004 min
Response: 6103401
Conc: 46.52 ug/ml

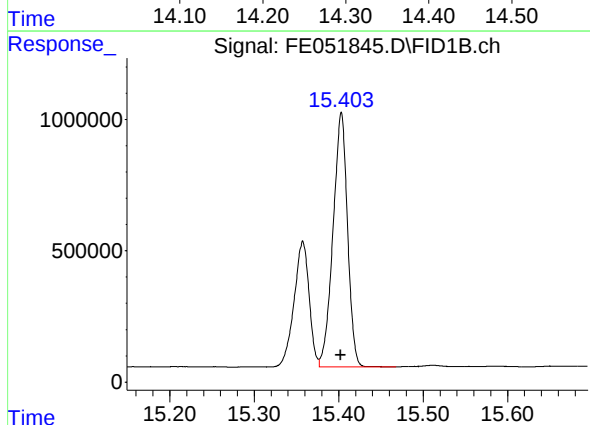
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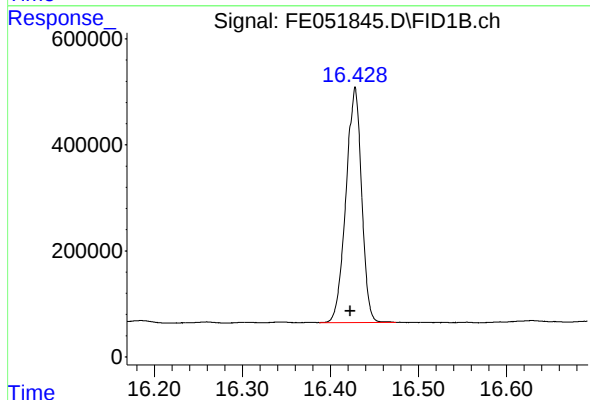
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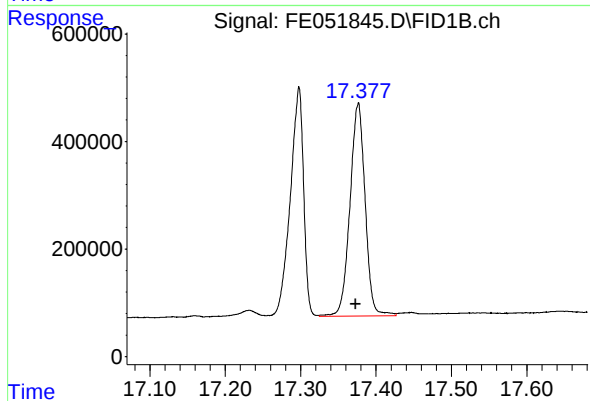
#14 n-Tetracosane (C24)

R.T.: 15.403 min
Delta R.T.: 0.000 min
Response: 11550549
Conc: 87.20 ug/ml



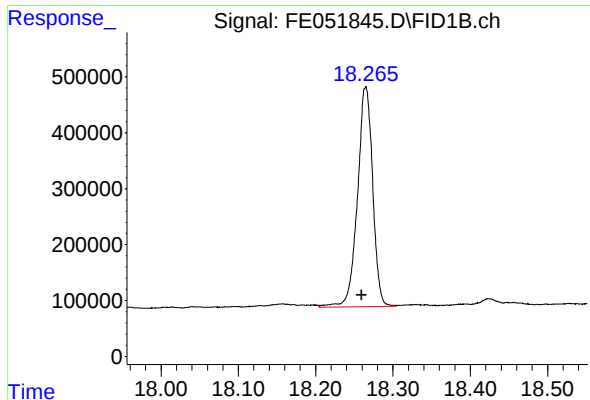
#15 n-Hexacosane (C26)

R.T.: 16.428 min
Delta R.T.: 0.005 min
Response: 5485495
Conc: 41.81 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.376 min
Delta R.T.: 0.003 min
Response: 5529259
Conc: 42.82 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.265 min
Delta R.T.: 0.005 min
Response: 5385408
Conc: 40.97 ug/ml

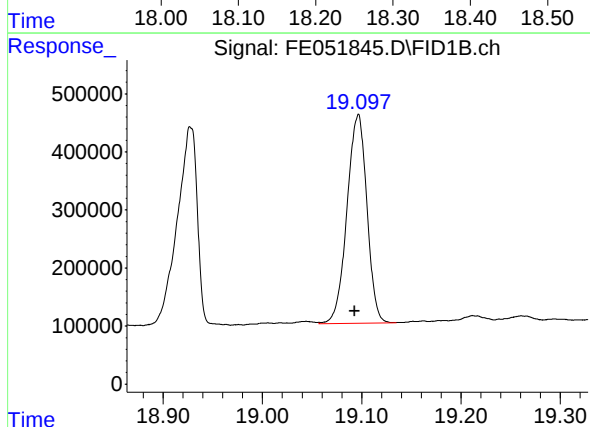
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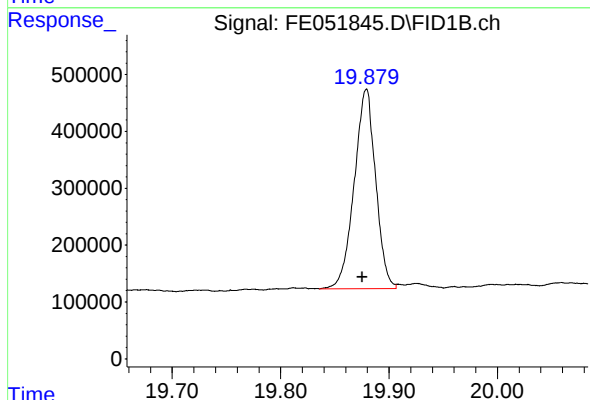
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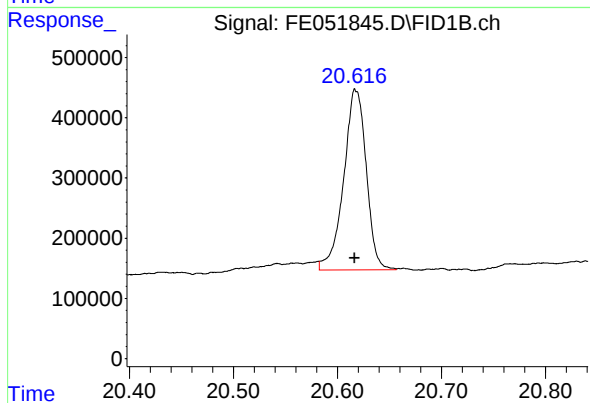
#18 n-Dotriacontane (C32)

R.T.: 19.096 min
Delta R.T.: 0.003 min
Response: 5018480
Conc: 39.54 ug/ml



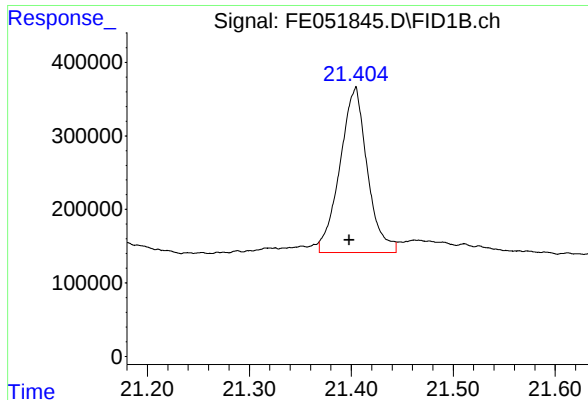
#19 n-Tetratriacontane (C34)

R.T.: 19.879 min
Delta R.T.: 0.004 min
Response: 4820211
Conc: 43.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.616 min
Delta R.T.: 0.000 min
Response: 4517929
Conc: 45.79 ug/ml m



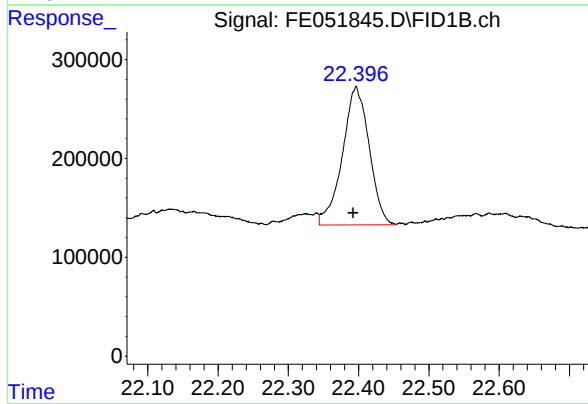
#21 n-Octatriacontane (C38)

R.T.: 21.404 min
Delta R.T.: 0.007 min
Response: 4184655
Conc: 44.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.396 min
Delta R.T.: 0.004 min
Response: 3685676
Conc: 40.04 ug/ml m