

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090825AL\
 Data File : FE055724.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2025 18:17
 Operator : YP\AJ
 Sample : Q3031-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-01-09052025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2025
 Supervised By :mohammad ahmed 09/10/2025

Integration File: sample.E
 Quant Time: Sep 09 01:28:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.083	4836023	29.437 ug/ml
Spiked Amount 50.000		Recovery =	58.87%
12) S 1-chlorooctadecane (S...	13.521	6273948	50.174 ug/ml
Spiked Amount 50.000		Recovery =	100.35%
Target Compounds			
1) T n-Nonane (C9)	3.416	3246843	25.586 ug/ml
2) T n-Decane (C10)	4.675	3692433	28.825 ug/ml
3) T A~Naphthalene (C11.7)	6.395	4666644	32.120 ug/ml
4) T n-Dodecane (C12)	6.851	4181982	32.117 ug/ml
5) T A~2-methylnaphthalene...	7.497	4609451	32.772 ug/ml
6) T n-Tetradecane (C14)	8.690	4821103	36.609 ug/ml
7) T n-Hexadecane (C16)	10.304	5843986	42.196 ug/ml
8) T n-Octadecane (C18)	11.755	5672823	38.892 ug/ml
10) T n-Eicosane (C20)	13.072	6235896	43.321 ug/mlm
11) T n-Heneicosane (C21)	13.686	5222506	36.561 ug/mlm
13) T n-Docosane (C22)	14.274	6313829	44.108 ug/ml
14) T n-Tetracosane (C24)	15.397	17898094	123.693 ug/ml
15) T n-Hexacosane (C26)	16.408	5216604	36.515 ug/mlm
16) T n-Octacosane (C28)	17.359	4692579	32.991 ug/ml
17) T n-Tricontane (C30)	18.251	6176043	41.781 ug/ml
18) T n-Dotriacontane (C32)	19.081	6128673	41.755 ug/mlm
19) T n-Tetratriacontane (C34)	19.870	5605891	39.678 ug/ml
20) T n-Hexatriacontane (C36)	20.612	5508355	41.744 ug/mlm
21) T n-Octatriacontane (C38)	21.392	5571639	42.780 ug/ml
22) T n-Tetracontane (C40)	22.383	5214277	40.660 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 23 Sample Multiplier: 1

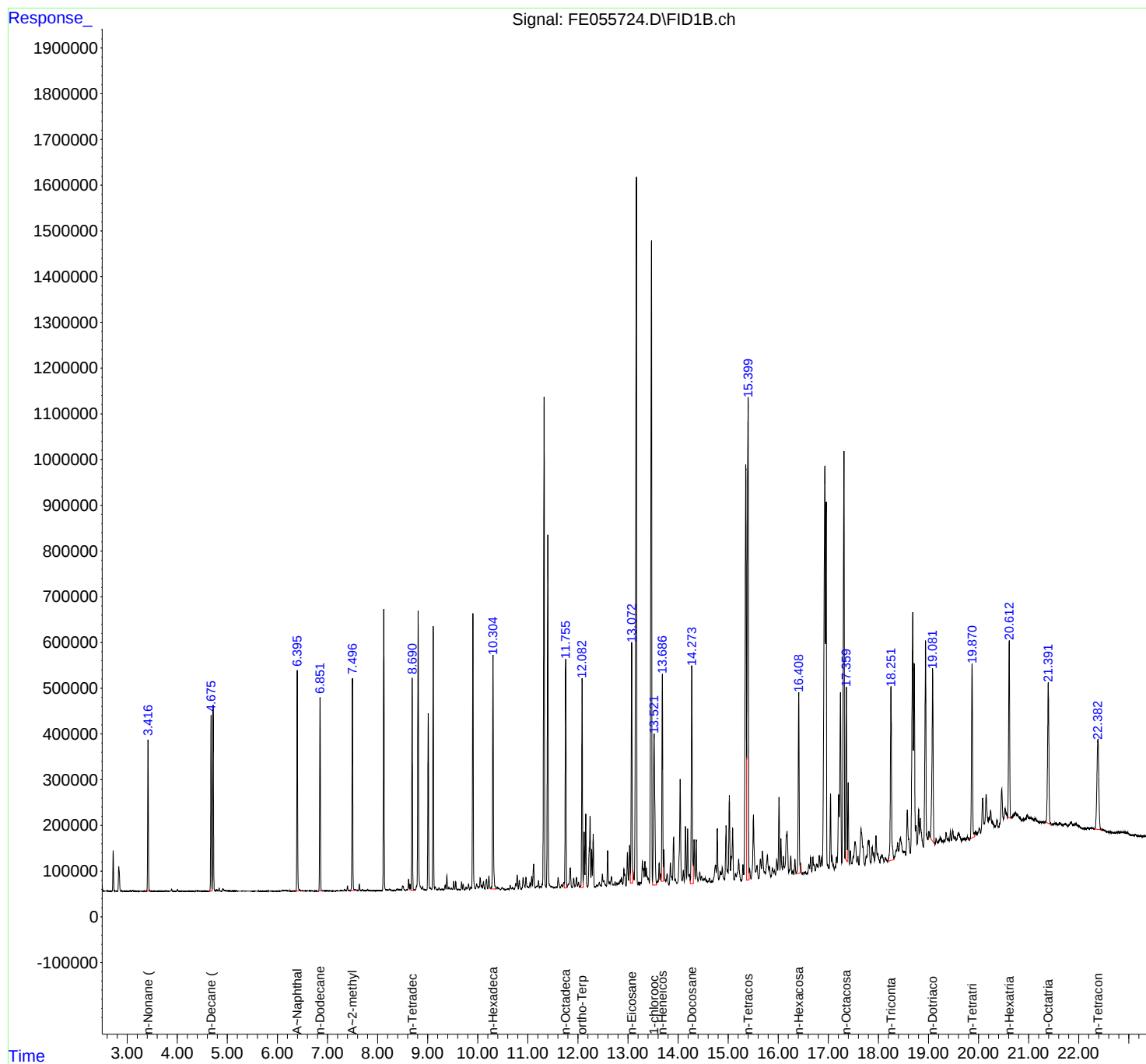
Instrument :
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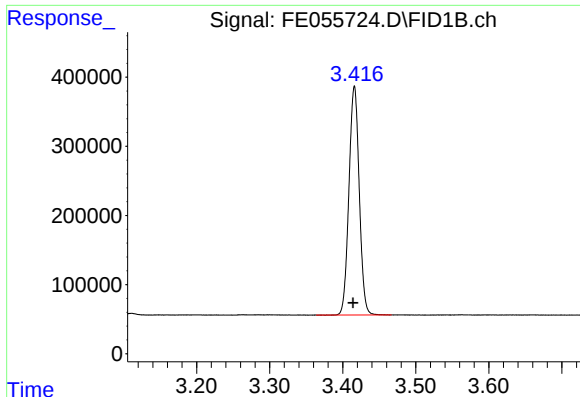
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#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: 0.002 min
Response: 3246843
Conc: 25.59 ug/ml

Instrument :

FID_E

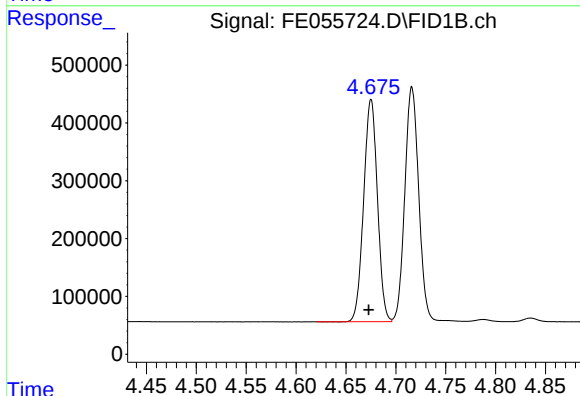
ClientSampleId :

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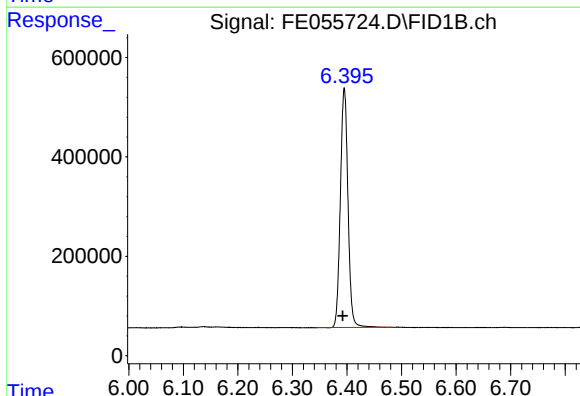
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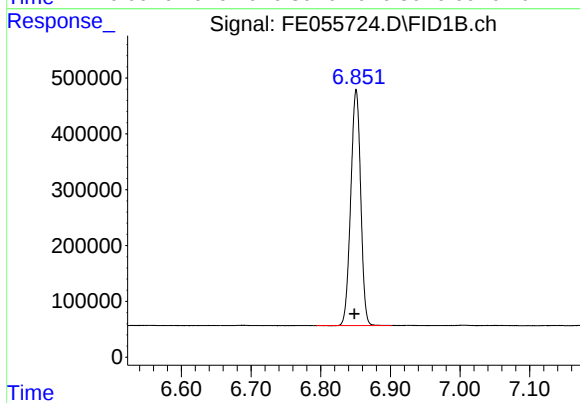
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: 0.003 min
Response: 3692433
Conc: 28.83 ug/ml



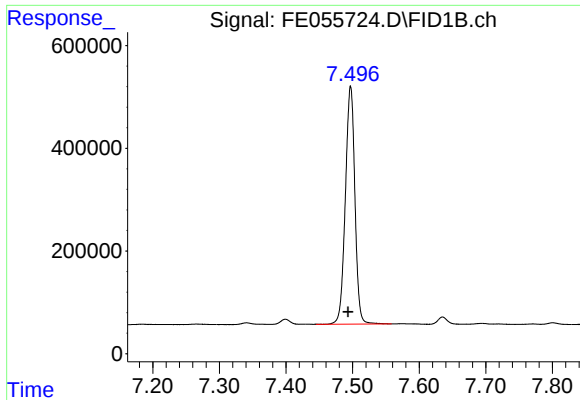
#3 A~Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: 0.003 min
Response: 4666644
Conc: 32.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.851 min
Delta R.T.: 0.002 min
Response: 4181982
Conc: 32.12 ug/ml



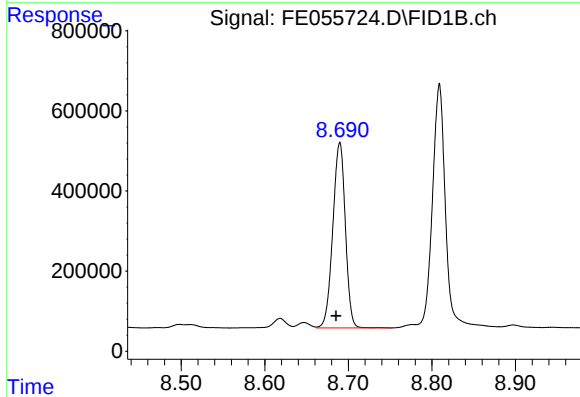
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.497 min
Delta R.T.: 0.004 min
Response: 4609451
Conc: 32.77 ug/ml

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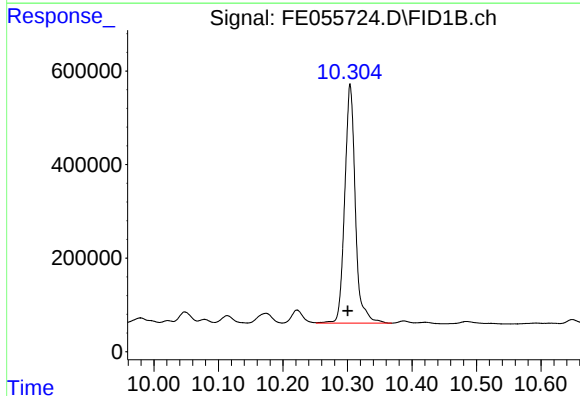
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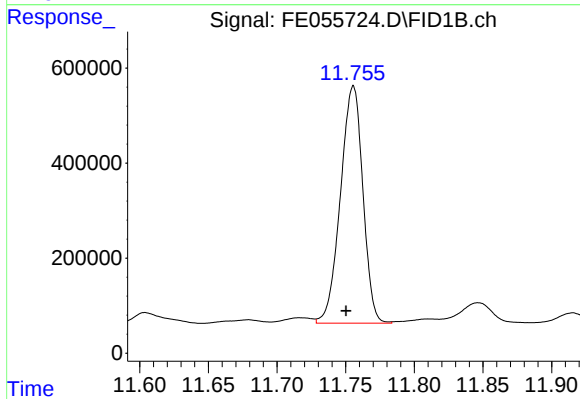
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: 0.004 min
Response: 4821103
Conc: 36.61 ug/ml



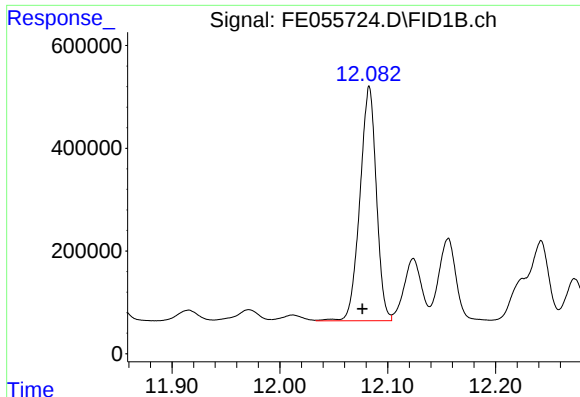
#7 n-Hexadecane (C16)

R.T.: 10.304 min
Delta R.T.: 0.004 min
Response: 5843986
Conc: 42.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.755 min
Delta R.T.: 0.005 min
Response: 5672823
Conc: 38.89 ug/ml



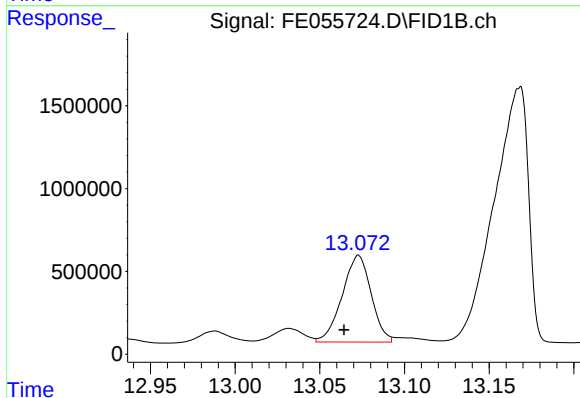
#9 ortho-Terphenyl (SURR)

R.T.: 12.083 min
Delta R.T.: 0.006 min
Response: 4836023
Conc: 29.44 ug/ml

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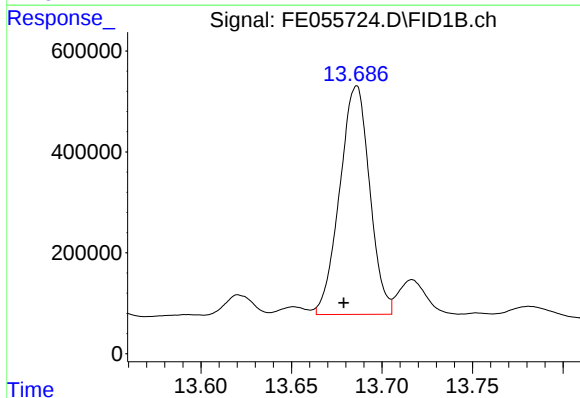
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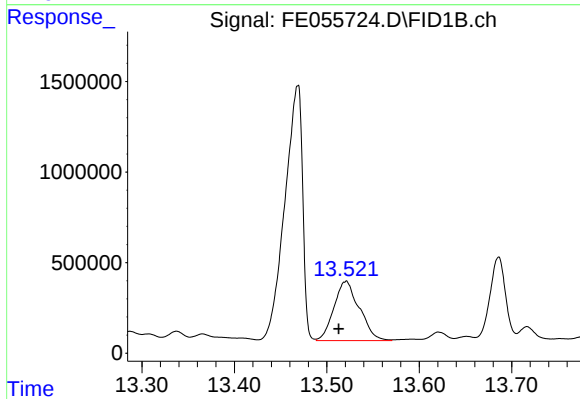
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.008 min
Response: 6235896
Conc: 43.32 ug/ml m



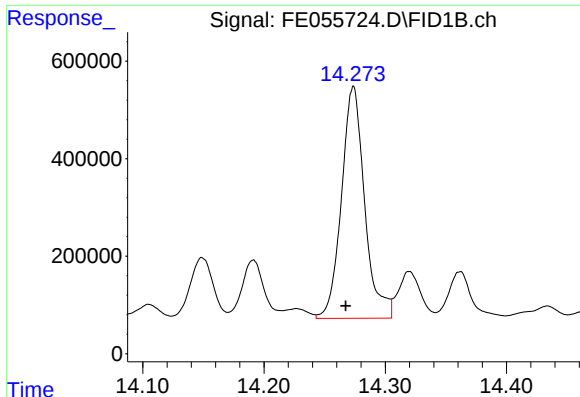
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.007 min
Response: 5222506
Conc: 36.56 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.008 min
Response: 6273948
Conc: 50.17 ug/ml



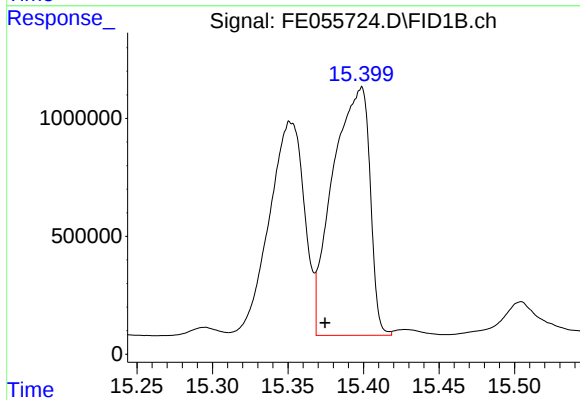
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: 0.006 min
Response: 6313829
Conc: 44.11 ug/ml

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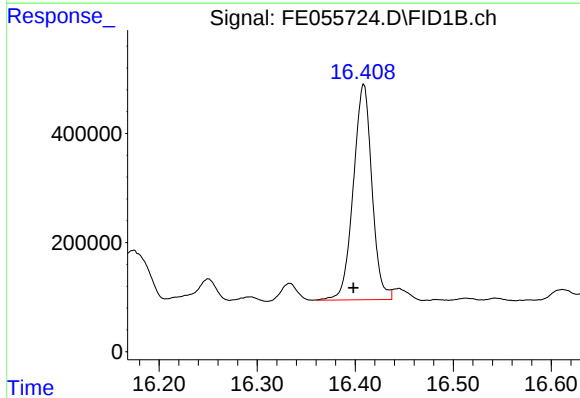
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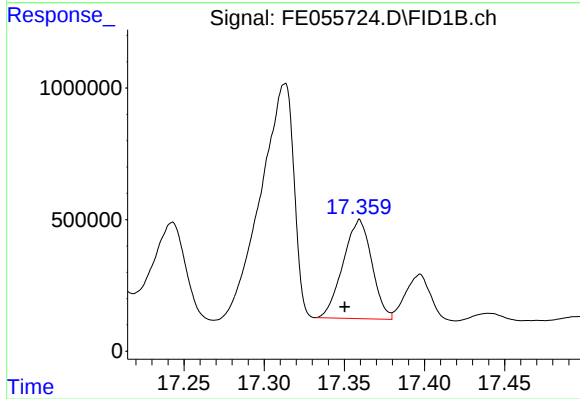
#14 n-Tetracosane (C24)

R.T.: 15.397 min
Delta R.T.: 0.022 min
Response: 17898094
Conc: 123.69 ug/ml



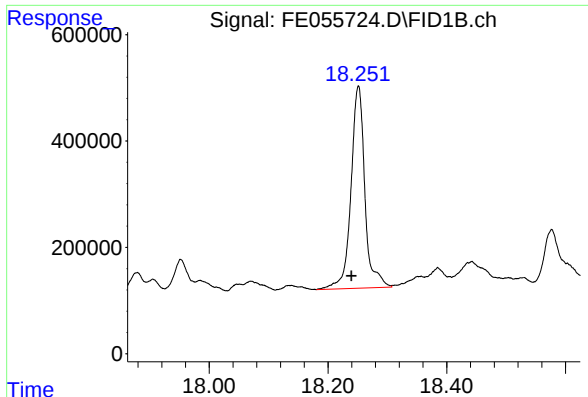
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.010 min
Response: 5216604
Conc: 36.51 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: 0.009 min
Response: 4692579
Conc: 32.99 ug/ml



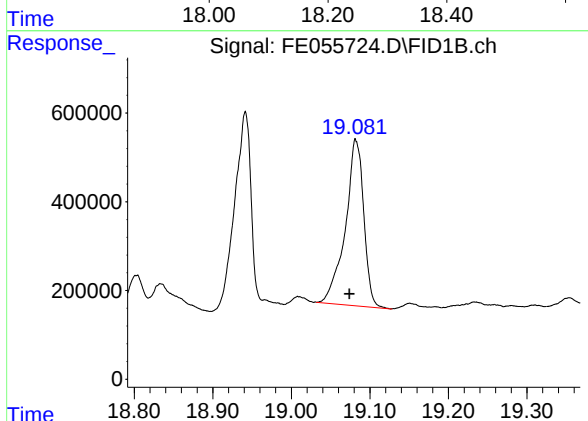
#17 n-Tricontane (C30)

R.T.: 18.251 min
Delta R.T.: 0.012 min
Response: 6176043
Conc: 41.78 ug/ml

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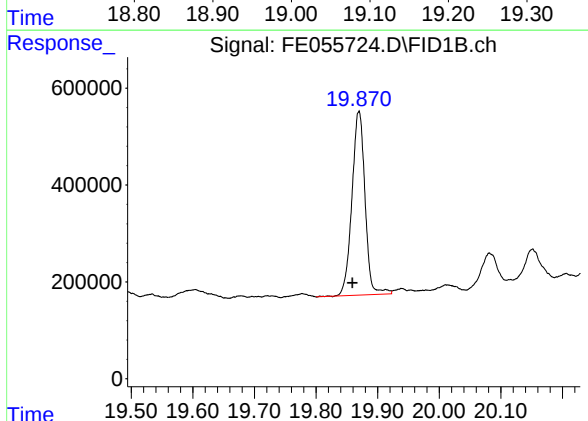
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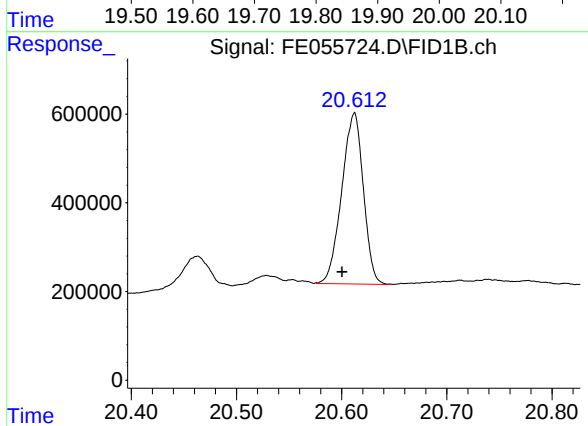
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.007 min
Response: 6128673
Conc: 41.76 ug/ml m



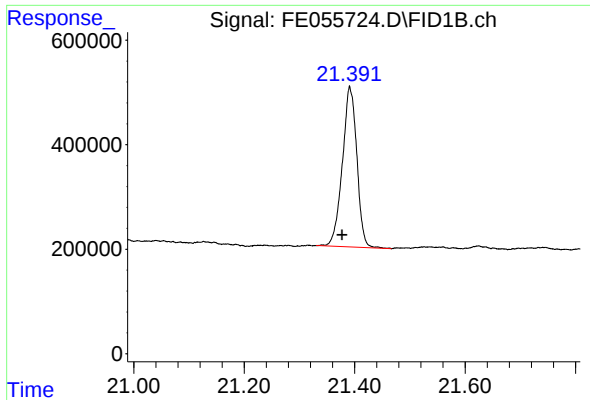
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.011 min
Response: 5605891
Conc: 39.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.612 min
Delta R.T.: 0.012 min
Response: 5508355
Conc: 41.74 ug/ml m



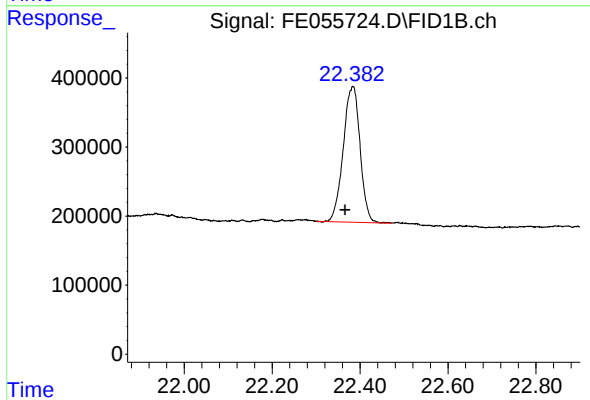
#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.014 min
Response: 5571639
Conc: 42.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.383 min
Delta R.T.: 0.018 min
Response: 5214277
Conc: 40.66 ug/ml