

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100424AL\
 Data File : FE050519.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2024 18:21
 Operator : YP\AJ
 Sample : P4288-03MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HR-03-100324MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :Ankita Jodhani 10/07/2024

Integration File: autoint1.e

Quant Time: Oct 05 00:27:11 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)	11.864	4797461	32.245 ug/ml
Spiked Amount 50.000		Recovery =	64.49%
12) S 1-chlorooctadecane (S...	13.297	4177299	37.189 ug/ml
Spiked Amount 50.000		Recovery =	74.38%
Target Compounds			
1) T n-Nonane (C9)	3.252	3344747	24.676 ug/ml
2) T n-Decane (C10)	4.503	3790501	27.465 ug/ml
3) T A~Naphthalene (C11.7)	6.212	4464592	31.897 ug/ml
4) T n-Dodecane (C12)	6.670	4443336	32.132 ug/ml
5) T A~2-methylnaphthalene...	7.308	4471590	34.020 ug/ml
6) T n-Tetradecane (C14)	8.497	5080915	37.313 ug/mlm
7) T n-Hexadecane (C16)	10.103	5621825	40.473 ug/ml
8) T n-Octadecane (C18)	11.545	5778622	41.246 ug/ml
10) T n-Eicosane (C20)	12.853	5680508	42.346 ug/ml
11) T n-Heneicosane (C21)	13.463	5320480	40.492 ug/ml
13) T n-Docosane (C22)	14.048	5186399	39.829 ug/ml
14) T n-Tetracosane (C24)	15.147	9529977	72.976 ug/ml
15) T n-Hexacosane (C26)	16.170	4684758	36.617 ug/ml
16) T n-Octacosane (C28)	17.119	5666185	43.989 ug/ml
17) T n-Tricontane (C30)	18.006	5225392	39.077 ug/ml
18) T n-Dotriacontane (C32)	18.838	5097547	38.254 ug/ml
19) T n-Tetratriacontane (C34)	19.621	5393071	43.647 ug/ml
20) T n-Hexatriacontane (C36)	20.361	5066966	45.669 ug/ml
21) T n-Octatriacontane (C38)	21.089	5439186	49.322 ug/ml
22) T n-Tetracontane (C40)	21.976	4727824	43.448 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1B.ch
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Operator : YP\AJ
Sample : P4288-03MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

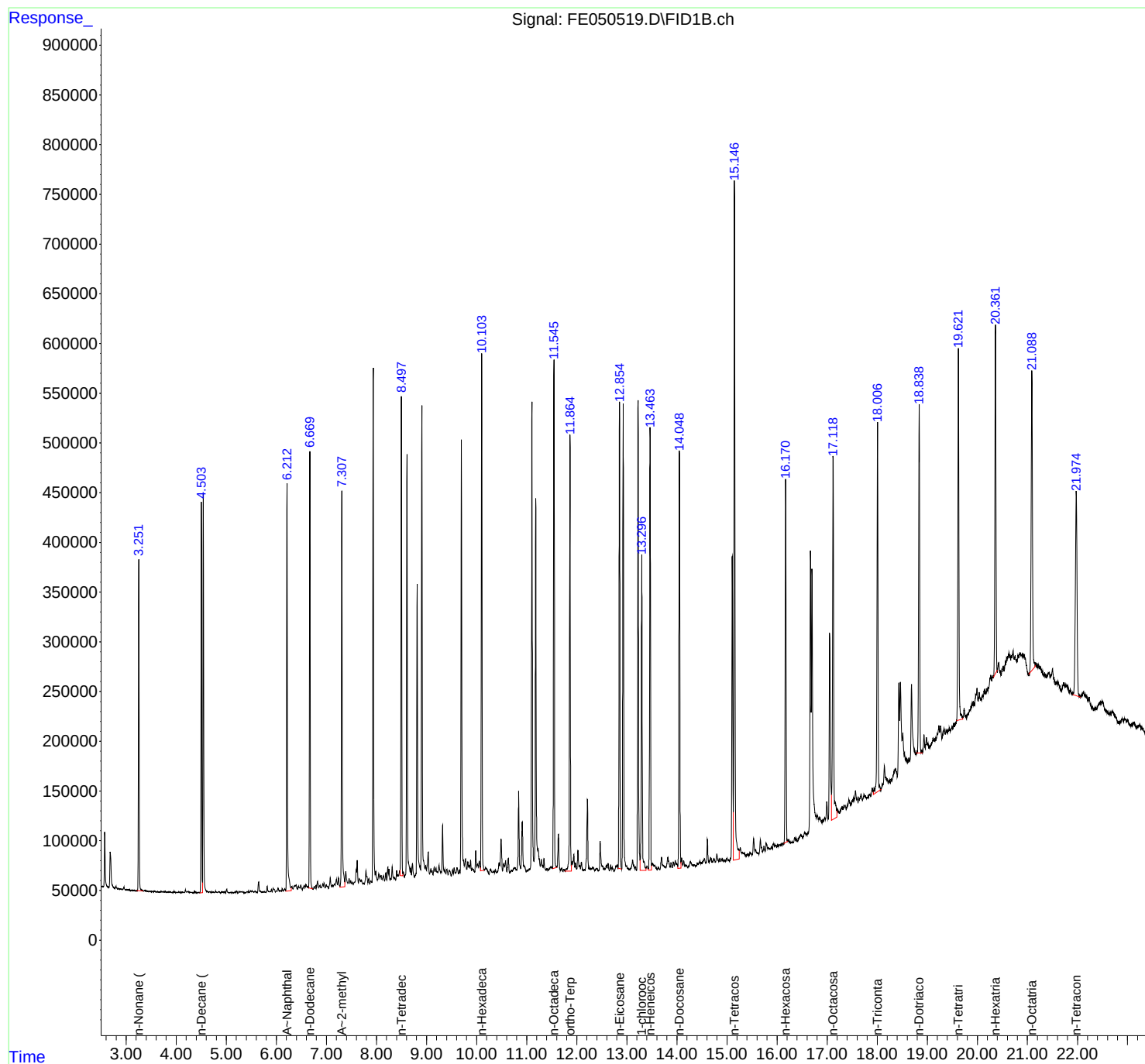
Instrument :
FID_E
ClientSampleId :
HR-03-100324MS

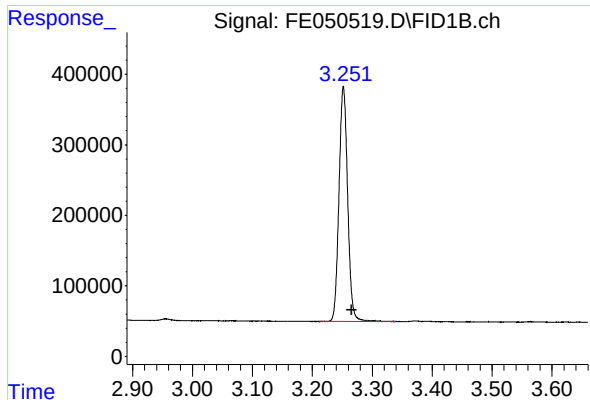
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Integration File: autoint1.e
Quant Time: Oct 05 00:27:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





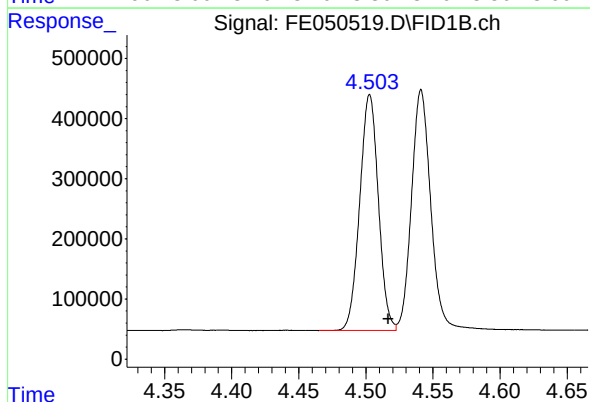
#1 n-Nonane (C9)

R.T.: 3.252 min
Delta R.T.: -0.014 min
Response: 3344747
Conc: 24.68 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-03-100324MS

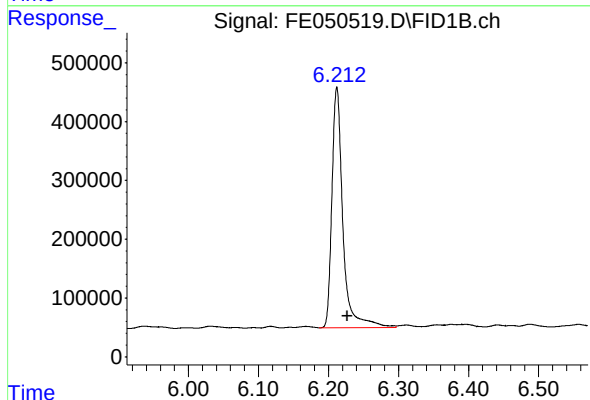
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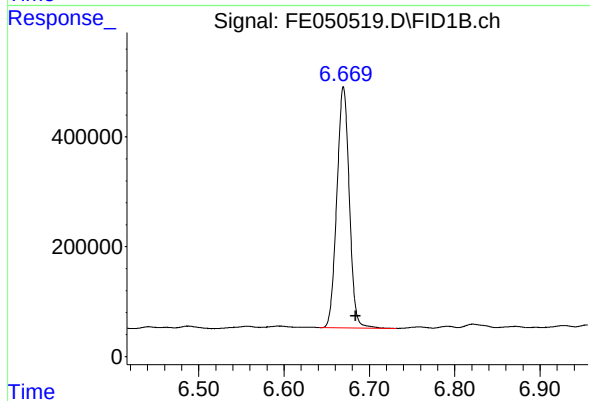
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.014 min
Response: 3790501
Conc: 27.47 ug/ml



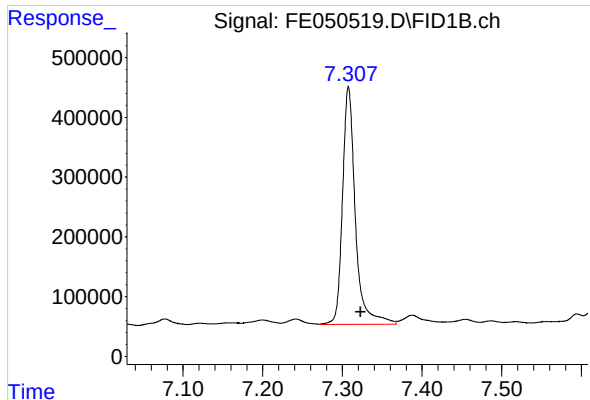
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.015 min
Response: 4464592
Conc: 31.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.670 min
Delta R.T.: -0.014 min
Response: 4443336
Conc: 32.13 ug/ml



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

R.T.: 7.308 min
Delta R.T.: -0.015 min
Response: 4471590
Conc: 34.02 ug/ml

Instrument :

FID_E

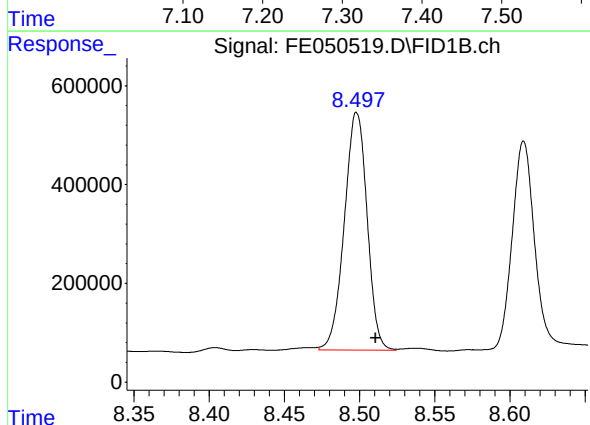
ClientSampleId :

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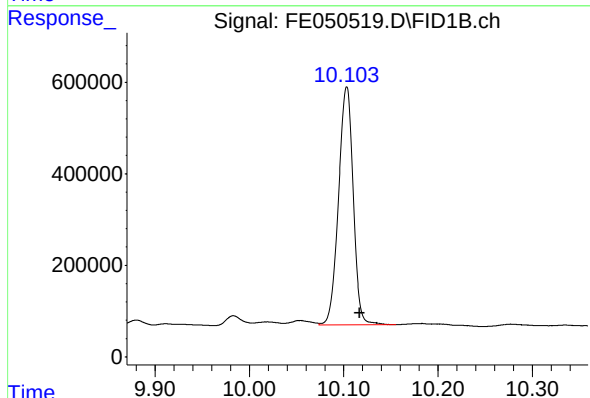
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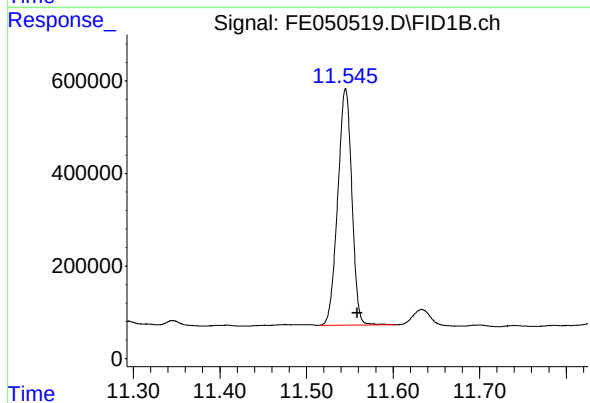
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: -0.013 min
Response: 5080915
Conc: 37.31 ug/ml m



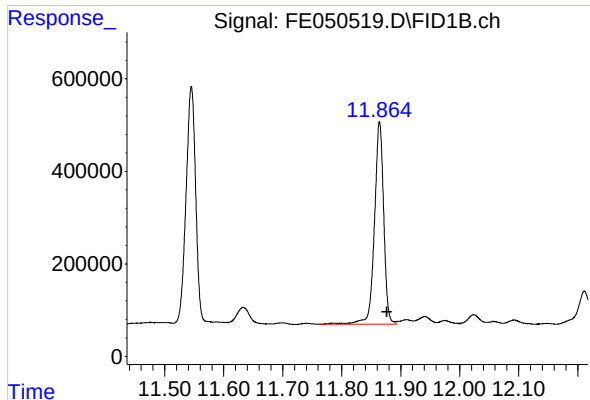
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.014 min
Response: 5621825
Conc: 40.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.545 min
Delta R.T.: -0.013 min
Response: 5778622
Conc: 41.25 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: -0.012 min
Response: 4797461
Conc: 32.25 ug/ml

Instrument :

FID_E

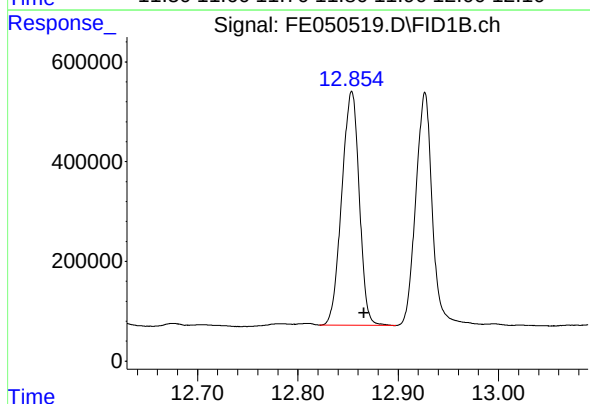
ClientSampleId :

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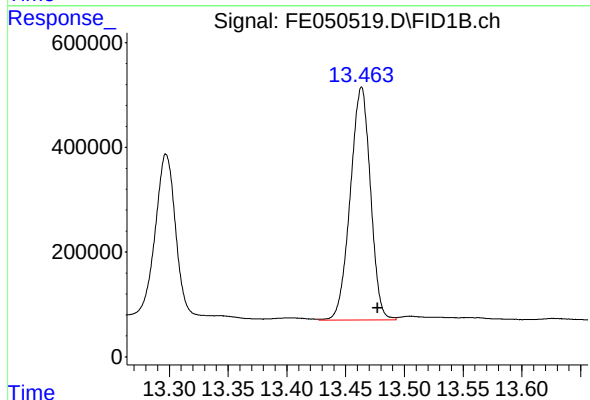
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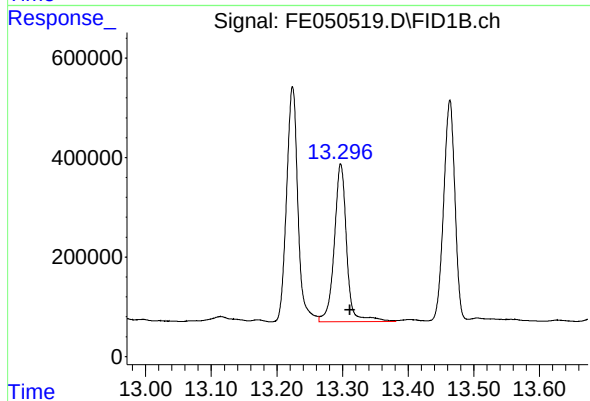
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: -0.012 min
Response: 5680508
Conc: 42.35 ug/ml



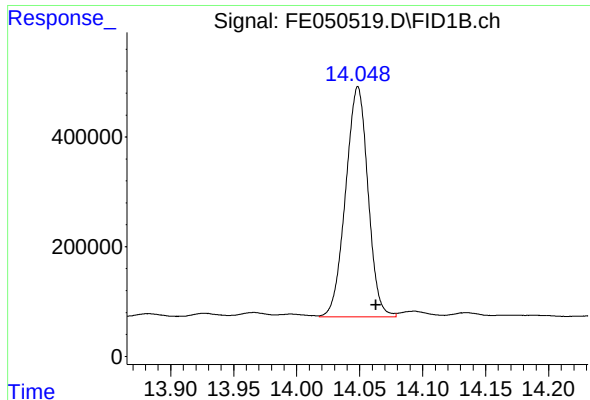
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: -0.014 min
Response: 5320480
Conc: 40.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: -0.014 min
Response: 4177299
Conc: 37.19 ug/ml



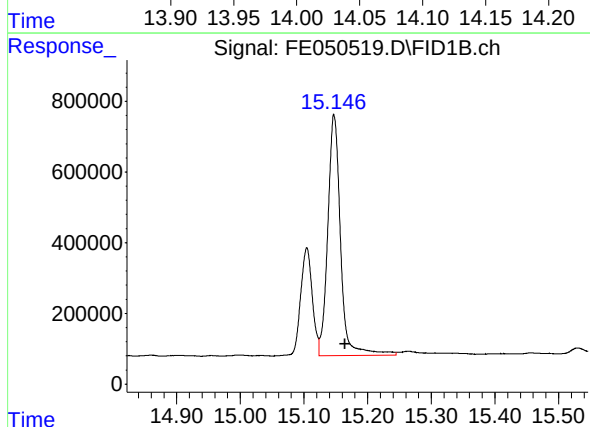
#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: -0.014 min
Response: 5186399
Conc: 39.83 ug/ml

Instrument :
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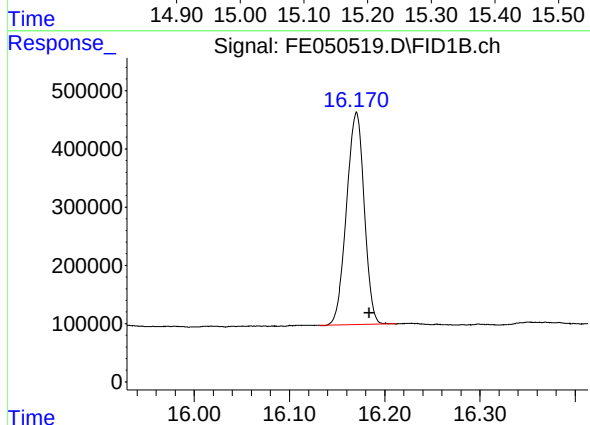
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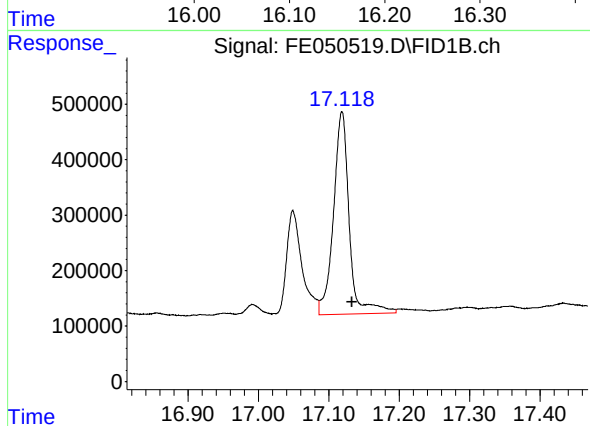
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.017 min
Response: 9529977
Conc: 72.98 ug/ml



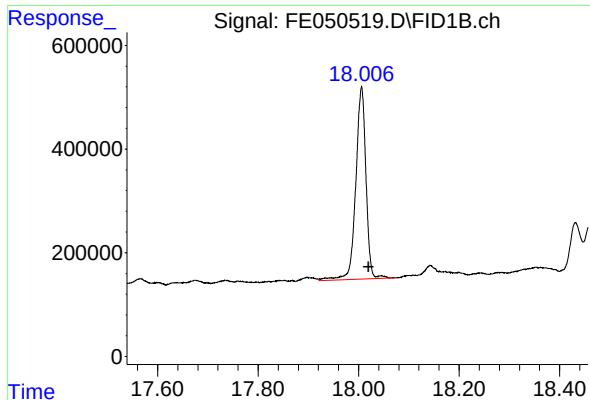
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: -0.014 min
Response: 4684758
Conc: 36.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.119 min
Delta R.T.: -0.015 min
Response: 5666185
Conc: 43.99 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: -0.014 min
Response: 5225392
Conc: 39.08 ug/ml

Instrument :

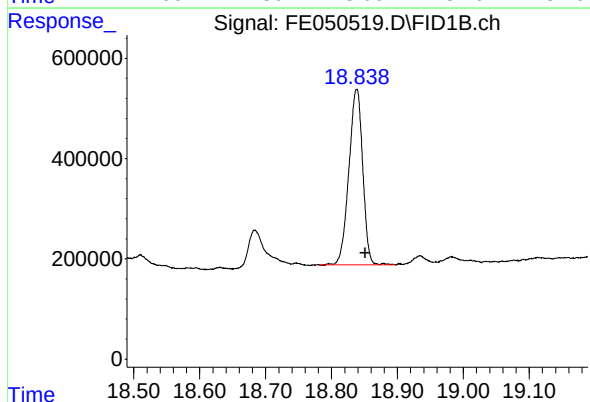
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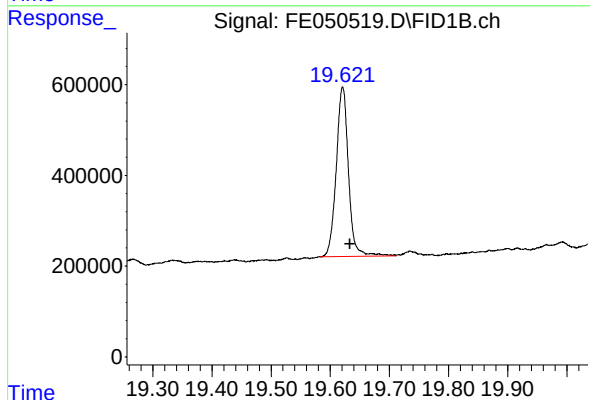
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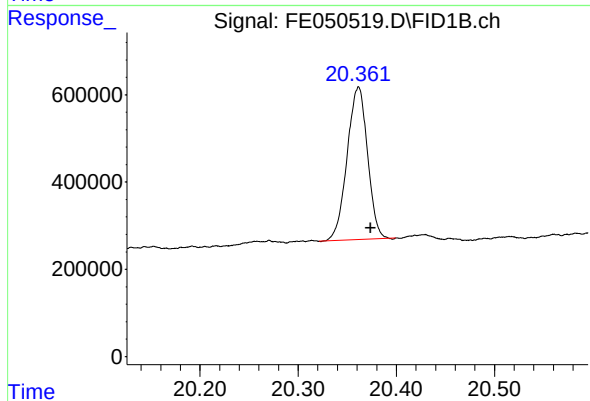
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.013 min
Response: 5097547
Conc: 38.25 ug/ml



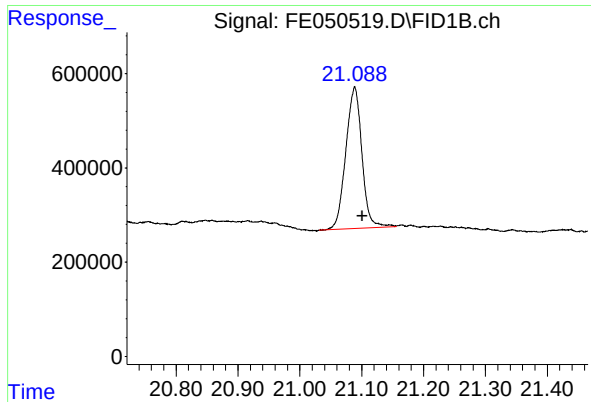
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.013 min
Response: 5393071
Conc: 43.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.013 min
Response: 5066966
Conc: 45.67 ug/ml



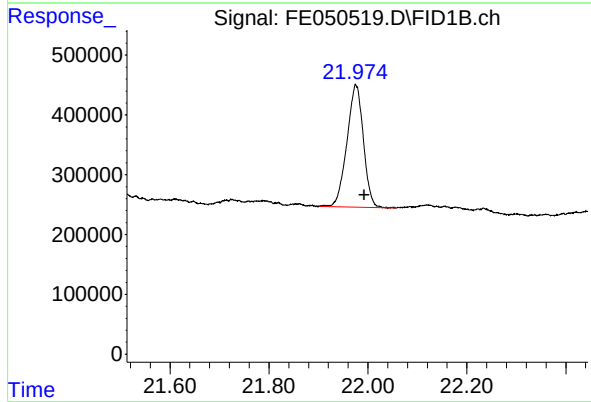
#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: -0.012 min
Response: 5439186
Conc: 49.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: -0.017 min
Response: 4727824
Conc: 43.45 ug/ml