

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054822.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 20:55
 Operator : YP\AJ
 Sample : Q2565-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-25-0196

Integration File: autoint1.e
 Quant Time: Jul 12 02:12:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.096	11168601	68.775 ug/ml
Spiked Amount 50.000		Recovery =	137.55%
12) S 1-chlorooctadecane (S...	13.461f	290397	2.299 ug/ml
Spiked Amount 50.000		Recovery =	4.60%
Target Compounds			
1) T n-Nonane (C9)	3.417	40945	0.304 ug/ml
2) T n-Decane (C10)	4.677	1021854	7.489 ug/ml
3) T A~Naphthalene (C11.7)	6.410	4177274	27.589 ug/ml
4) T n-Dodecane (C12)	6.866	19930598	145.259 ug/ml
5) T A~2-methylnaphthalene...	7.514	5677629	38.622 ug/ml
6) T n-Tetradecane (C14)	8.715	35407254	255.415 ug/ml
7) T n-Hexadecane (C16)	10.333	37448407	262.777 ug/ml
8) T n-Octadecane (C18)	11.782	30291652	206.692 ug/ml
10) T n-Eicosane (C20)	13.094	23428379	162.930 ug/ml
11) T n-Heneicosane (C21)	13.652	147712352	1034.165 ug/ml
13) T n-Docosane (C22)	14.299	13785598	96.546 ug/ml
14) T n-Tetracosane (C24)	15.407	11085816	76.262 ug/ml
15) T n-Hexacosane (C26)	16.395	2012918	13.909 ug/ml
16) T n-Octacosane (C28)	17.371	803392	5.513 ug/ml
17) T n-Tricontane (C30)	18.244	3250393	20.626 ug/ml
18) T n-Dotriacontane (C32)	19.085	4166051	25.750 ug/ml
19) T n-Tetratriacontane (C34)	19.820	420592	2.760 ug/ml
20) T n-Hexatriacontane (C36)	20.622	218777	1.627 ug/ml
21) T n-Octatriacontane (C38)	21.404	4008666	34.179 ug/ml
22) T n-Tetracontane (C40)	22.335	392346	3.620 ug/ml

(f)=RT Delta > 1/2 Window

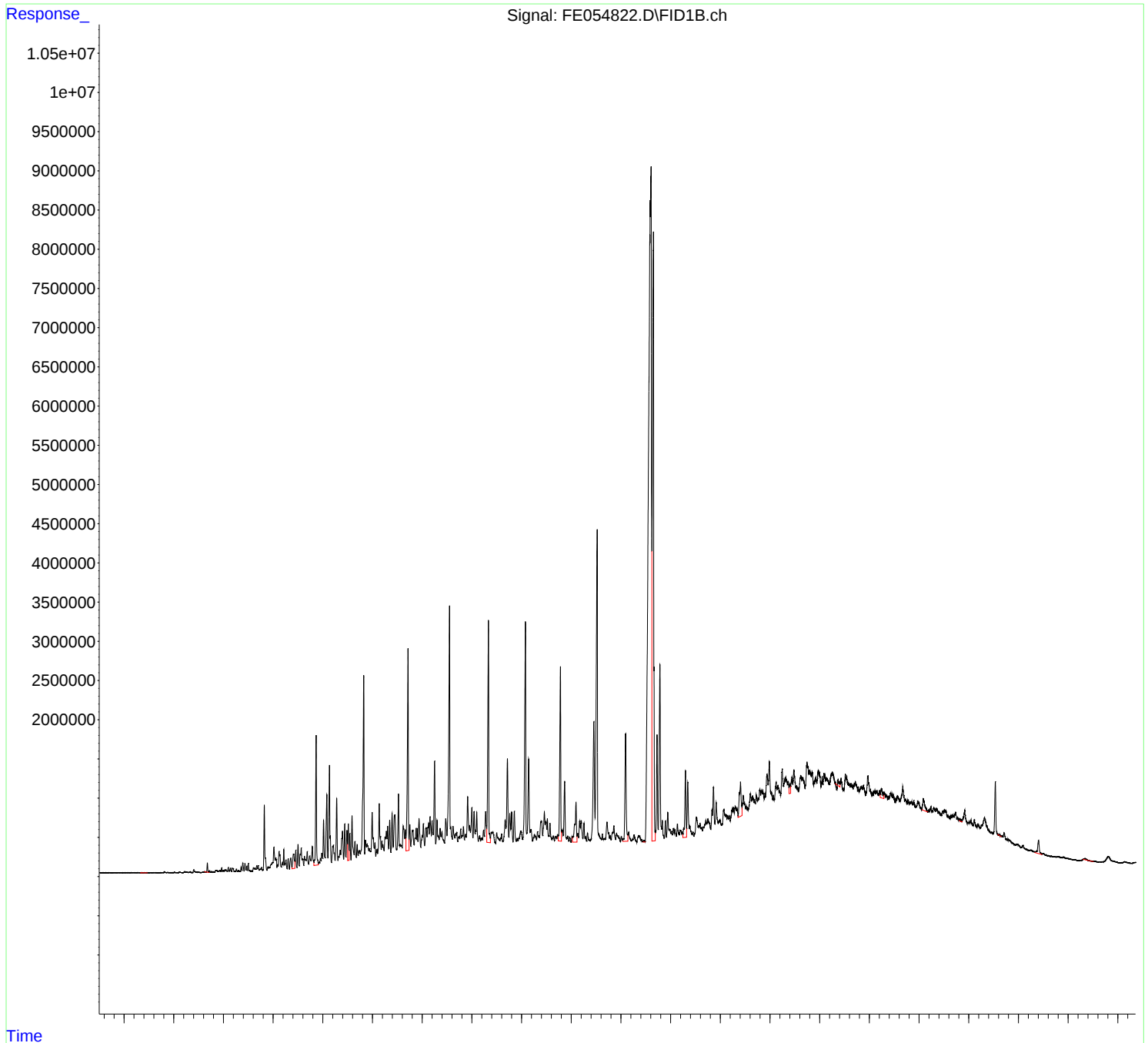
(m)=manual int.

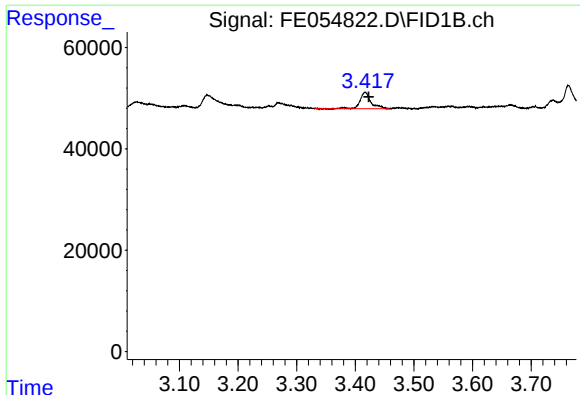
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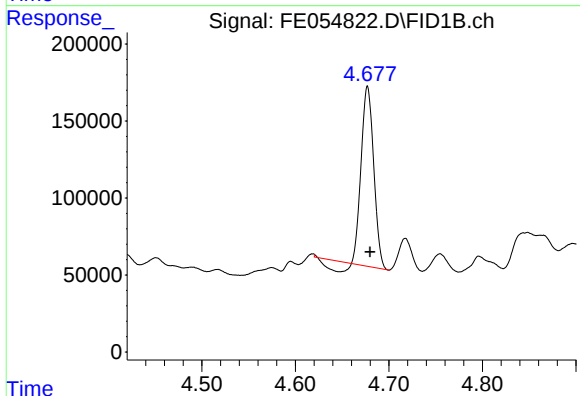




#1 n-Nonane (C9)

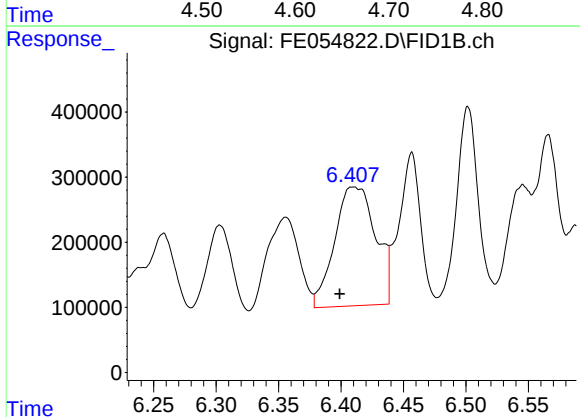
R.T.: 3.417 min
Delta R.T.: -0.006 min
Response: 40945
Conc: 0.30 ug/ml

Instrument :
FID_E
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MOO-25-0196



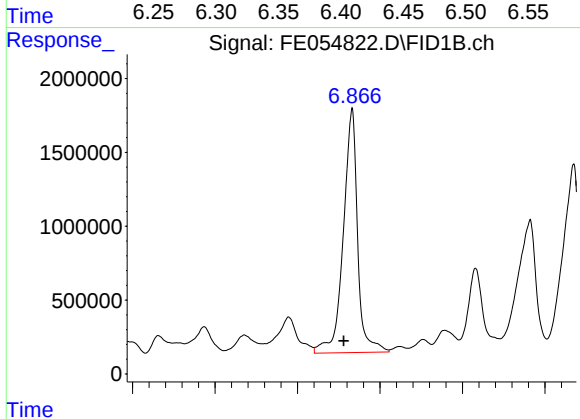
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 1021854
Conc: 7.49 ug/ml



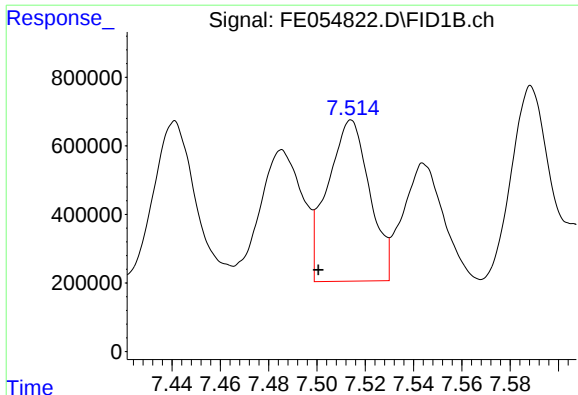
#3 A~Naphthalene (C11.7)

R.T.: 6.410 min
Delta R.T.: 0.011 min
Response: 4177274
Conc: 27.59 ug/ml



#4 n-Dodecane (C12)

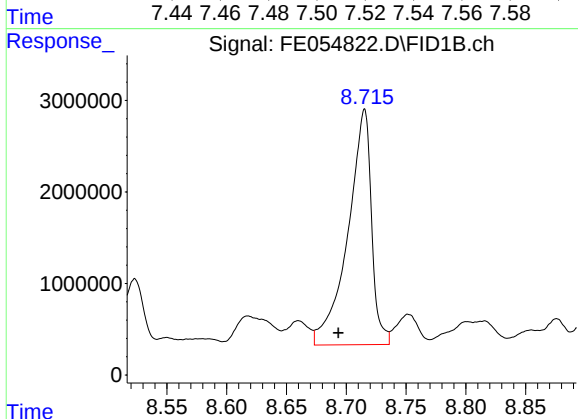
R.T.: 6.866 min
Delta R.T.: 0.010 min
Response: 19930598
Conc: 145.26 ug/ml



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

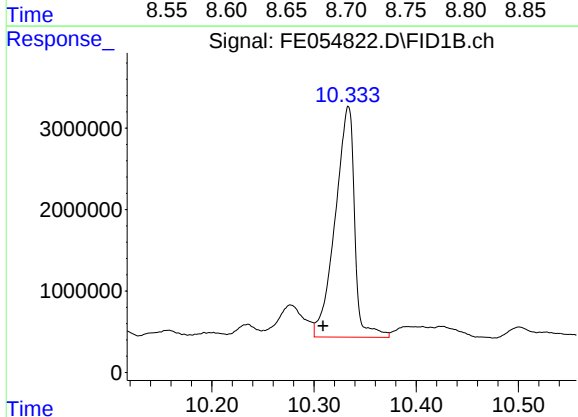
R.T.: 7.514 min
Delta R.T.: 0.013 min
Response: 5677629
Conc: 38.62 ug/ml

Instrument :
FID_E
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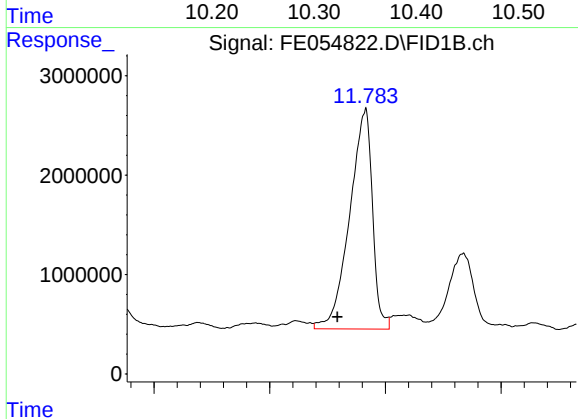
#6 n-Tetradecane (C14)

R.T.: 8.715 min
Delta R.T.: 0.021 min
Response: 35407254
Conc: 255.42 ug/ml



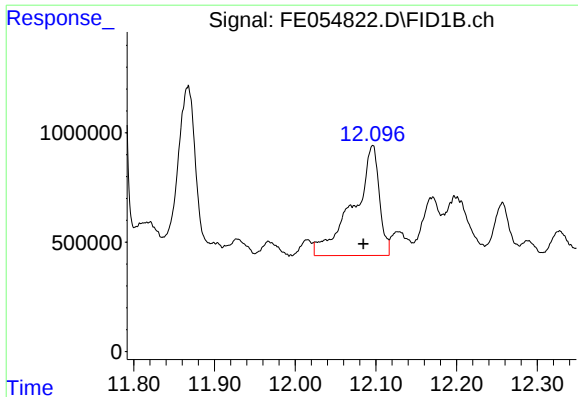
#7 n-Hexadecane (C16)

R.T.: 10.333 min
Delta R.T.: 0.024 min
Response: 37448407
Conc: 262.78 ug/ml



#8 n-Octadecane (C18)

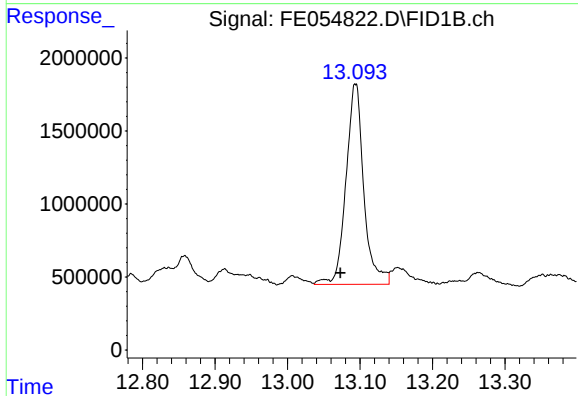
R.T.: 11.782 min
Delta R.T.: 0.023 min
Response: 30291652
Conc: 206.69 ug/ml



#9 ortho-Terphenyl (SURR)

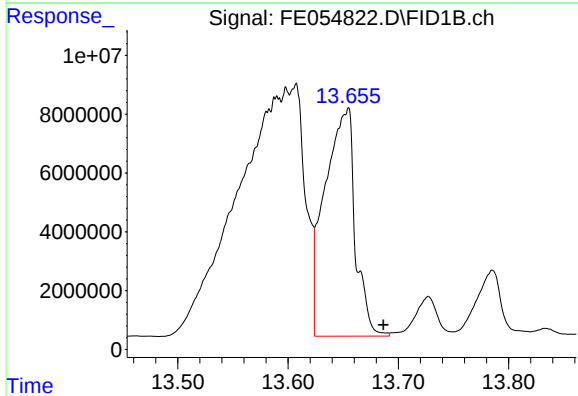
R.T.: 12.096 min
Delta R.T.: 0.011 min
Response: 11168601
Conc: 68.77 ug/ml

Instrument :
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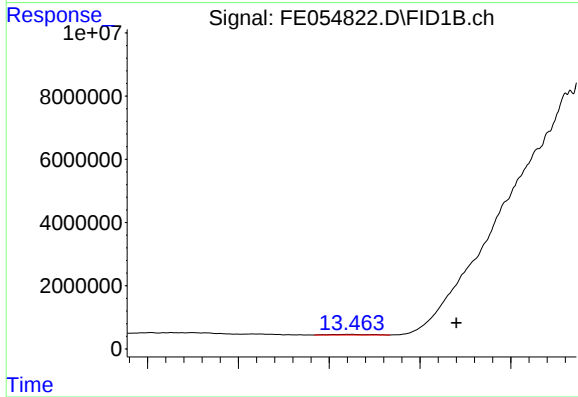
#10 n-Eicosane (C20)

R.T.: 13.094 min
Delta R.T.: 0.021 min
Response: 23428379
Conc: 162.93 ug/ml



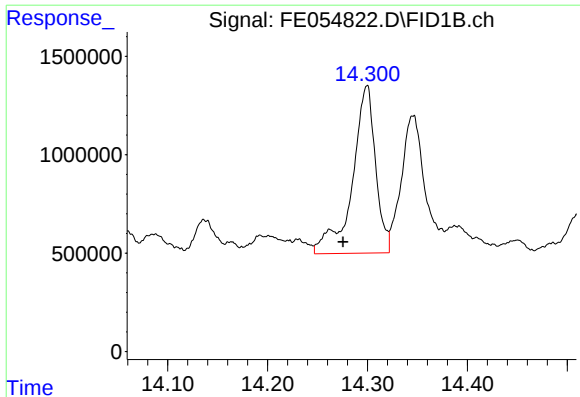
#11 n-Heneicosane (C21)

R.T.: 13.652 min
Delta R.T.: -0.034 min
Response: 147712352
Conc: 1034.16 ug/ml



#12 1-chlorooctadecane (SURR)

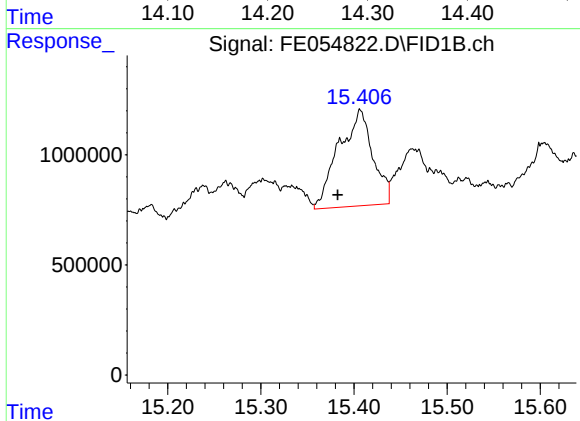
R.T.: 13.461 min
Delta R.T.: -0.059 min
Response: 290397
Conc: 2.30 ug/ml



#13 n-Docosane (C22)

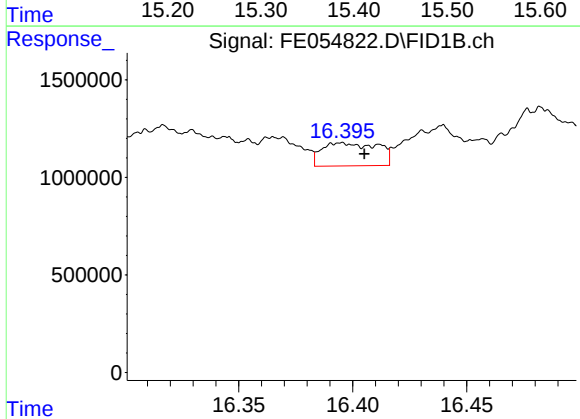
R.T.: 14.299 min
Delta R.T.: 0.024 min
Response: 13785598
Conc: 96.55 ug/ml

Instrument :
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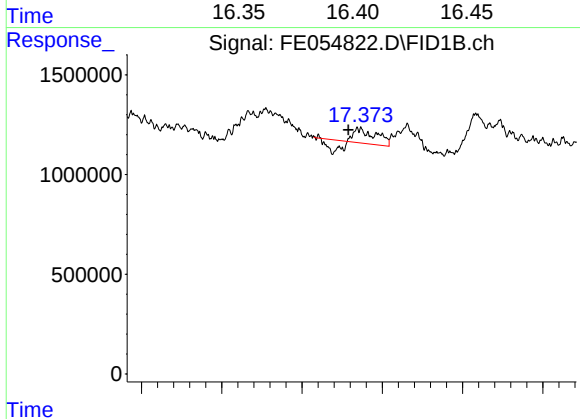
#14 n-Tetracosane (C24)

R.T.: 15.407 min
Delta R.T.: 0.025 min
Response: 11085816
Conc: 76.26 ug/ml



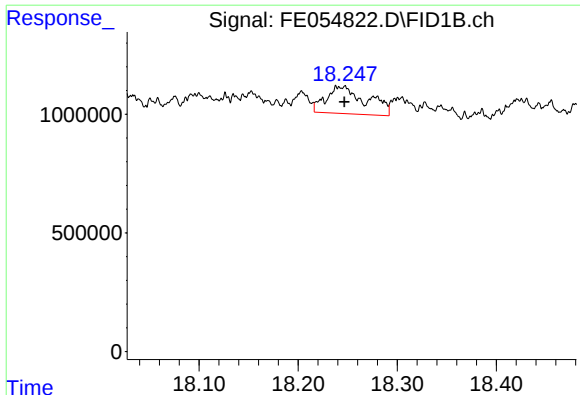
#15 n-Hexacosane (C26)

R.T.: 16.395 min
Delta R.T.: -0.010 min
Response: 2012918
Conc: 13.91 ug/ml



#16 n-Octacosane (C28)

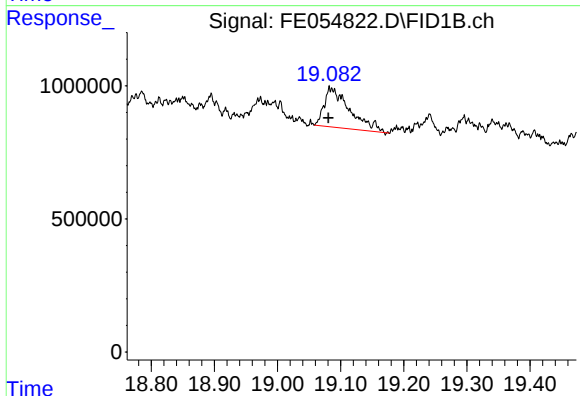
R.T.: 17.371 min
Delta R.T.: 0.013 min
Response: 803392
Conc: 5.51 ug/ml



#17 n-Tricontane (C30)

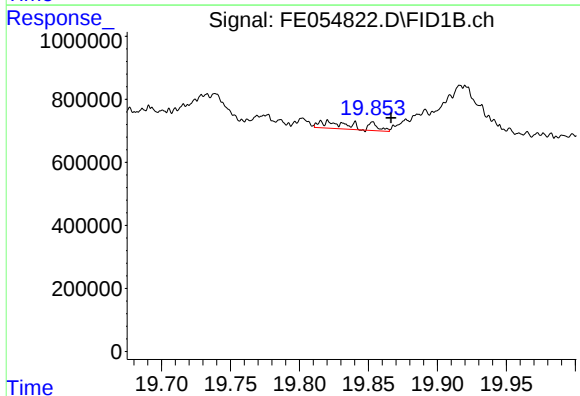
R.T.: 18.244 min
Delta R.T.: -0.003 min
Response: 3250393
Conc: 20.63 ug/ml

Instrument :
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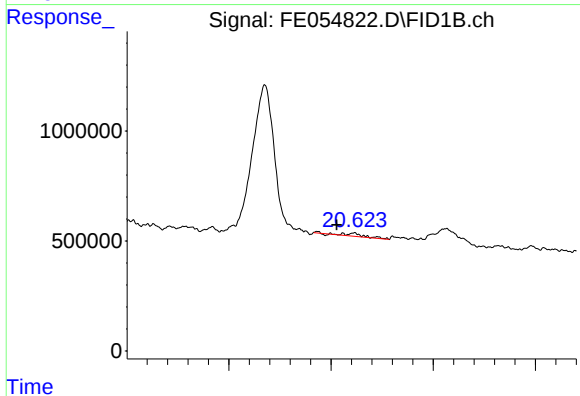
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.005 min
Response: 4166051
Conc: 25.75 ug/ml



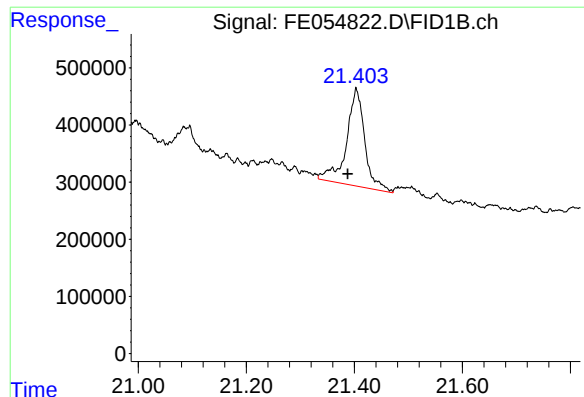
#19 n-Tetratriacontane (C34)

R.T.: 19.820 min
Delta R.T.: -0.046 min
Response: 420592
Conc: 2.76 ug/ml



#20 n-Hexatriacontane (C36)

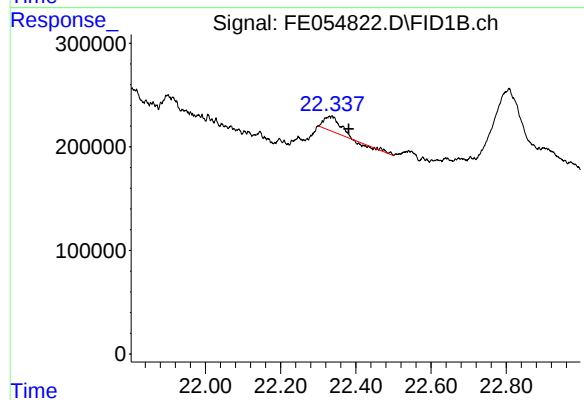
R.T.: 20.622 min
Delta R.T.: 0.017 min
Response: 218777
Conc: 1.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.404 min
Delta R.T.: 0.016 min
Response: 4008666
Conc: 34.18 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0196



#22 n-Tetracontane (C40)

R.T.: 22.335 min
Delta R.T.: -0.045 min
Response: 392346
Conc: 3.62 ug/ml